

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050872.D
 Acq On : 24 Aug 2018 13:14
 Operator : MD\SY
 Sample : VN0824MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:49 PM

Quant Time: Aug 24 23:16:30 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387502	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.59	113	365861	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1387813	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	430522	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174701	20.225	ug/l	98
3) Chloromethane	2.06	50	196067	18.403	ug/l	99
4) Vinyl Chloride	2.18	62	190355	18.861	ug/l	96
5) Bromomethane	2.56	94	107431	18.046	ug/l	97
6) Chloroethane	2.70	64	107562	18.446	ug/l	100
7) Trichlorofluoromethane	3.01	101	247336	19.139	ug/l	100
8) Diethyl Ether	3.41	74	82325	18.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	149234	18.483	ug/l	99
10) Methyl Iodide	3.95	142	113333	20.307	ug/l	99
11) Tert butyl alcohol	4.79	59	46460	93.896	ug/l	99
12) 1,1-Dichloroethene	3.74	96	135221	18.653	ug/l	96
13) Acrolein	3.61	56	21050	85.546	ug/l	98
14) Allyl chloride	4.32	41	208640	18.470	ug/l	100
15) Acrylonitrile	4.99	53	241724	96.127	ug/l	100
16) Acetone	3.82	43	162352	83.529	ug/l	99
17) Carbon Disulfide	4.05	76	407948	16.786	ug/l	100
18) Methyl Acetate	4.33	43	145590	19.842	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	355591	19.501	ug/l	98
20) Methylene Chloride	4.55	84	159533	18.216	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	144735	18.459	ug/l	99
22) Diisopropyl ether	5.95	45	452465	20.099	ug/l	96
23) Vinyl Acetate	5.90	43	1381581	95.296	ug/l	100
24) 1,1-Dichloroethane	5.85	63	275119	19.036	ug/l	99
25) 2-Butanone	6.84	43	256078	81.778	ug/l	97
26) 2,2-Dichloropropane	6.83	77	208401	17.945	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163067	19.291	ug/l	98
28) Bromochloromethane	7.20	49	109893	17.894	ug/l	98
29) Tetrahydrofuran	7.22	42	171923	95.760	ug/l	99
30) Chloroform	7.37	83	272590	19.047	ug/l	99
31) Cyclohexane	7.66	56	240194	18.579	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	229318	18.654	ug/l	99
36) 1,1-Dichloropropene	7.80	75	204148	18.576	ug/l	99
37) Ethyl Acetate	6.93	43	120824	19.139	ug/l	99
38) Carbon Tetrachloride	7.77	117	203194	18.291	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215984	18.166	ug/l	99
40) Benzene	8.04	78	635099	19.165	ug/l	99
41) Methacrylonitrile	7.17	41	57188	16.739	ug/l	91
42) 1,2-Dichloroethane	8.13	62	185101	18.682	ug/l	100
43) Isopropyl Acetate	8.17	43	213306	19.652	ug/l	99
44) Trichloroethene	8.84	130	162686	18.614	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164965	18.940	ug/l	99
46) Dibromomethane	9.21	93	97733	19.098	ug/l	99
47) Bromodichloromethane	9.40	83	202661	18.907	ug/l	99
48) Methyl methacrylate	9.20	41	102507	18.531	ug/l	98
49) 1,4-Dioxane	9.20	88	29221	387.496	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	596732	92.127	ug/l	100
52) Toluene	10.16	92	381521	19.434	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	194489	18.229	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	227278	18.603	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	138811	19.051	ug/l	99
56) Ethyl methacrylate	10.43	69	154601	17.894	ug/l	98
57) 1,3-Dichloropropane	10.71	76	229807	19.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	348844	92.441	ug/l	99
59) 2-Hexanone	10.75	43	370725	85.974	ug/l	100
60) Dibromochloromethane	10.90	129	151215	18.535	ug/l	98
61) 1,2-Dibromoethane	11.01	107	132222	18.766	ug/l	99
64) Tetrachloroethene	10.63	164	152005	19.250	ug/l	99
65) Chlorobenzene	11.43	112	411654	18.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152135	19.135	ug/l	98
67) Ethyl Benzene	11.51	91	676418	19.148	ug/l	100
68) m/p-Xylenes	11.62	106	530533	39.566	ug/l	100
69) o-Xylene	11.95	106	252172	19.562	ug/l	100
70) Styrene	11.97	104	387421	17.890	ug/l	98
71) Bromoform	12.13	173	102619	18.769	ug/l #	100
73) Isopropylbenzene	12.25	105	665630	20.789	ug/l	98
74) N-amyl acetate	12.07	43	155240	19.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	166750	20.892	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144613m	21.353	ug/l	
77) Bromobenzene	12.53	156	169563	19.486	ug/l	100
78) n-propylbenzene	12.59	91	734162	20.526	ug/l	99
79) 2-Chlorotoluene	12.68	91	452310	20.302	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	539822	20.895	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36389	18.164	ug/l	94
82) 4-Chlorotoluene	12.77	91	442752	20.130	ug/l	99
83) tert-Butylbenzene	12.99	119	469318	20.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	541357	20.832	ug/l	100
85) sec-Butylbenzene	13.17	105	606425	20.684	ug/l	100
86) p-Isopropyltoluene	13.29	119	511310	20.467	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276743	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268636	18.484	ug/l	99
89) n-Butylbenzene	13.62	91	369098	18.473	ug/l	99
90) Hexachloroethane	13.88	117	94696	20.001	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	272519	19.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21521	18.716	ug/l	97

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ClientSampleId :
VN0824MBSD01

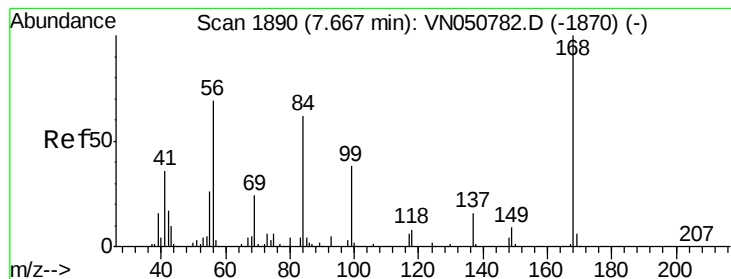
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101047	16.604	ug/l	99
94) Hexachlorobutadiene	15.01	225	83291	19.029	ug/l	98
95) Naphthalene	15.13	128	192700	16.526	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	105271	17.450	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 168 Resp: 645450

Ion Ratio Lower Upper

168 100

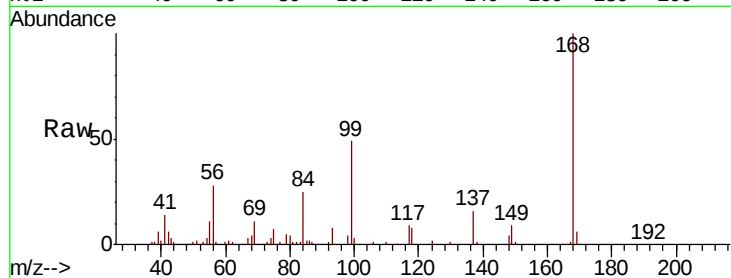
99 48.8 39.6 59.4

Manual Integrations

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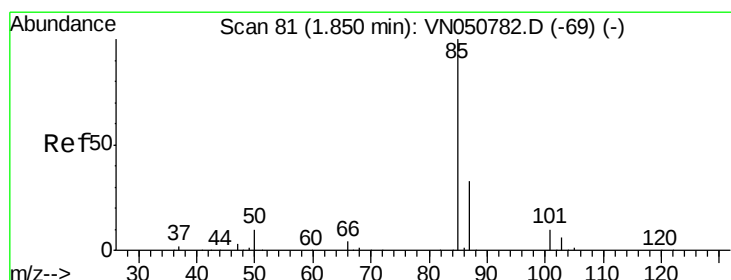
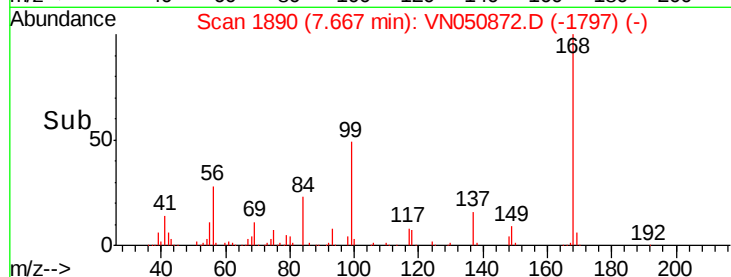
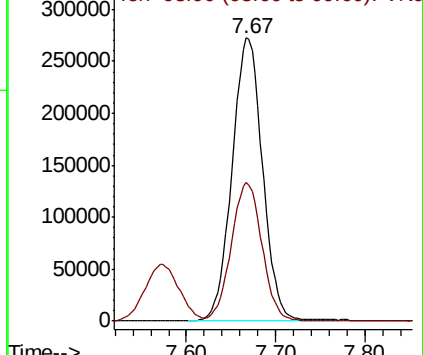
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC



#2

Dichlorodifluoromethane

Concen: 20.225 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050872.D

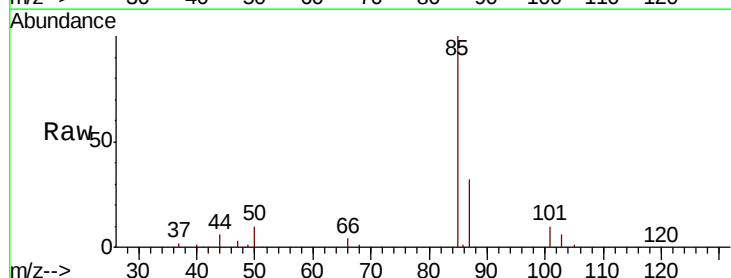
Acq: 24 Aug 2018 13:14

Tgt Ion: 85 Resp: 174701

Ion Ratio Lower Upper

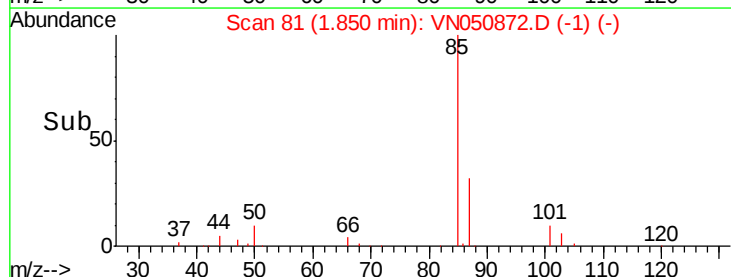
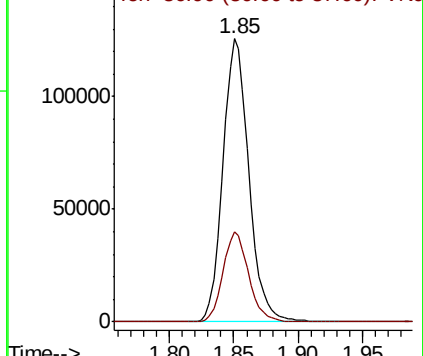
85 100

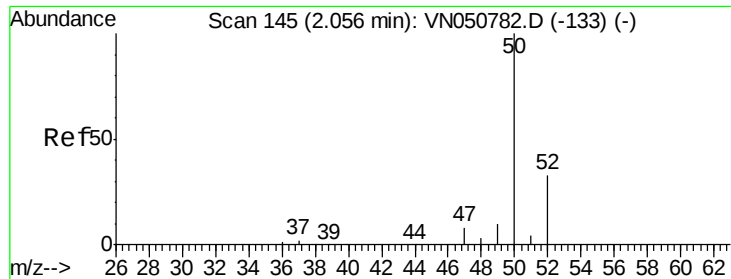
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC





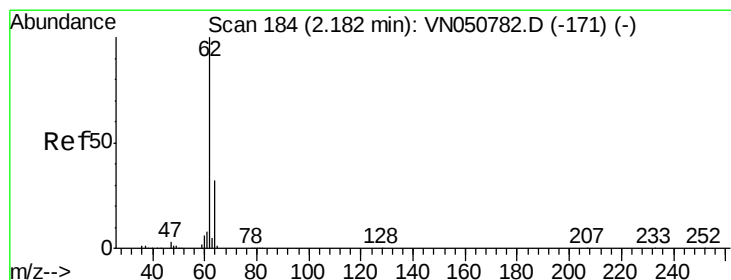
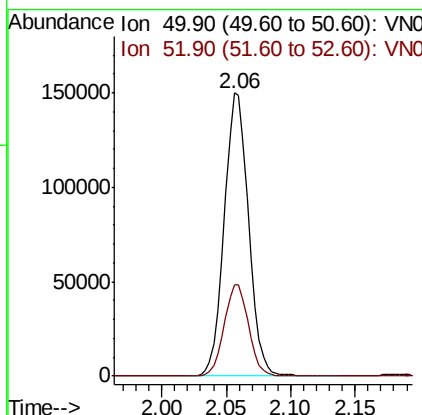
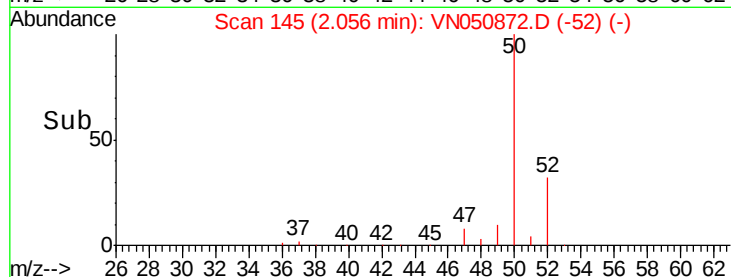
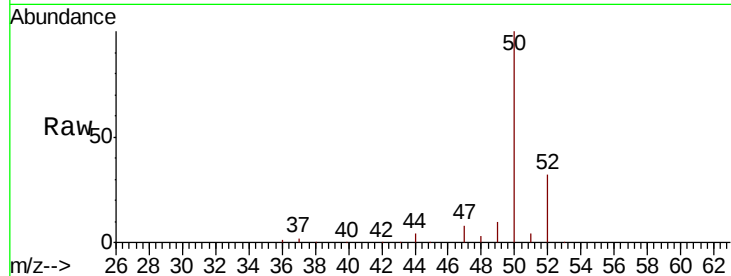
#3
Chloromethane
Concen: 18.403 ug/l
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.3	39.5

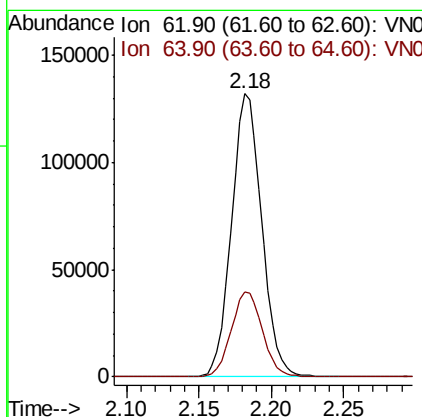
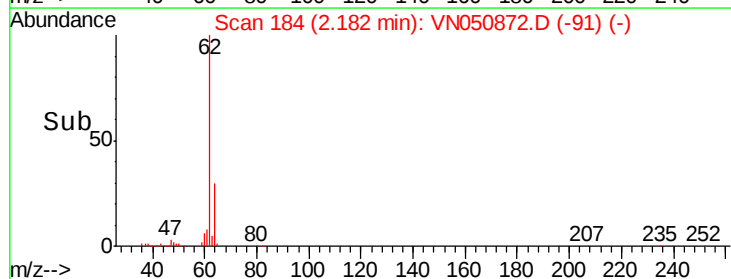
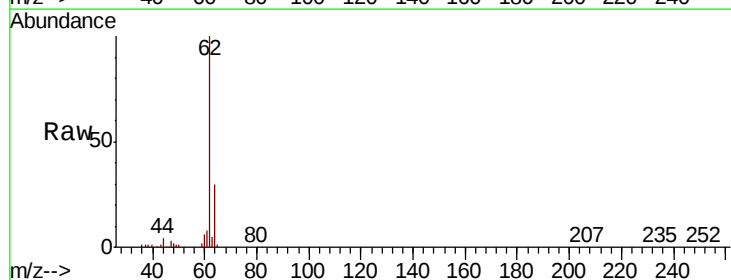
Manual Integrations
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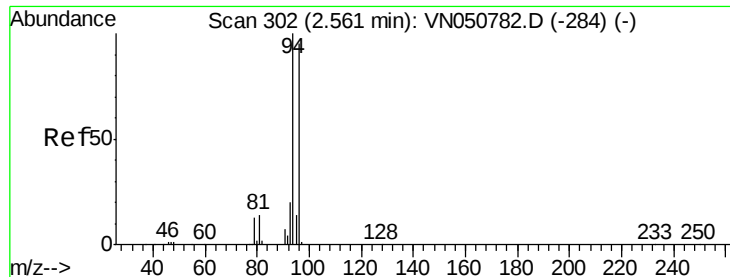
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#4
Vinyl Chloride
Concen: 18.861 ug/l
RT: 2.18 min Scan# 184
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.4	38.2





#5

Bromomethane

Concen: 18.046 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 94 Resp: 107431

Ion Ratio Lower Upper

94 100

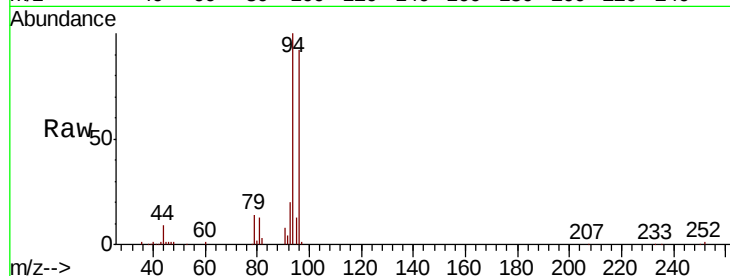
96 92.0 76.2 114.2

Manual Integrations

APPROVED

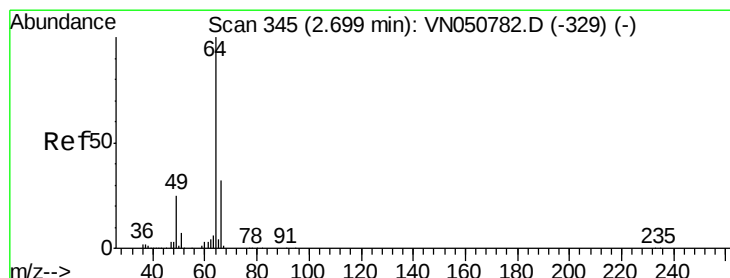
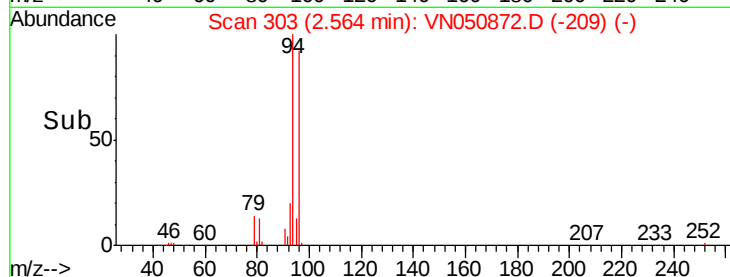
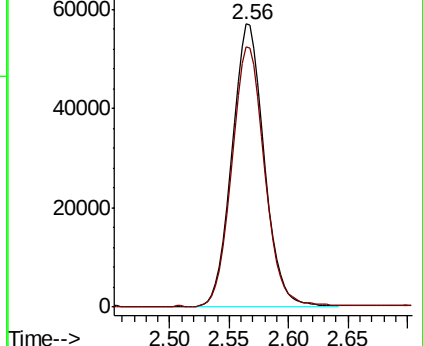
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.446 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050872.D

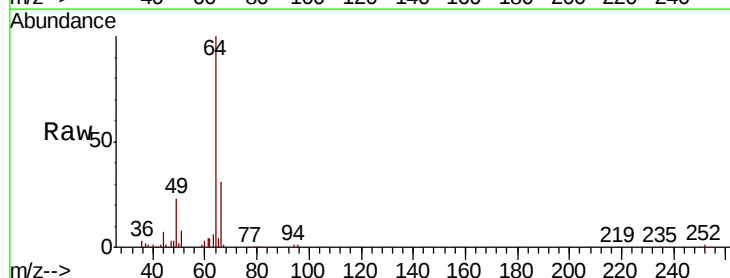
Acq: 24 Aug 2018 13:14

Tgt Ion: 64 Resp: 107562

Ion Ratio Lower Upper

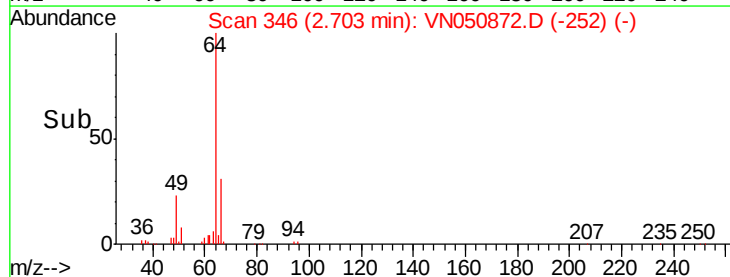
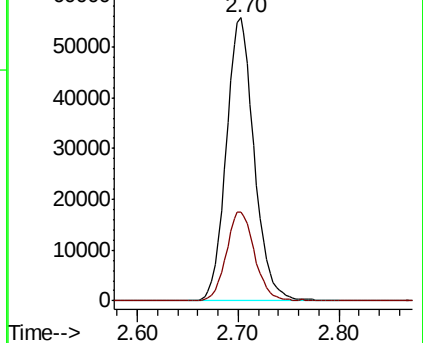
64 100

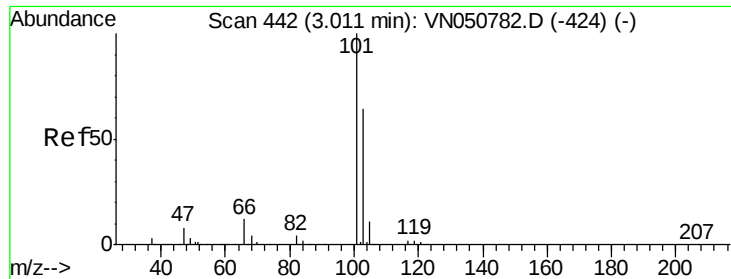
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

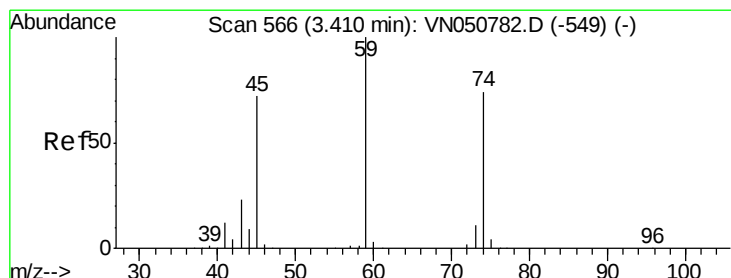
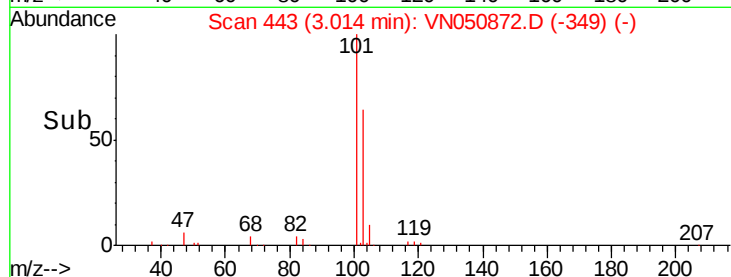
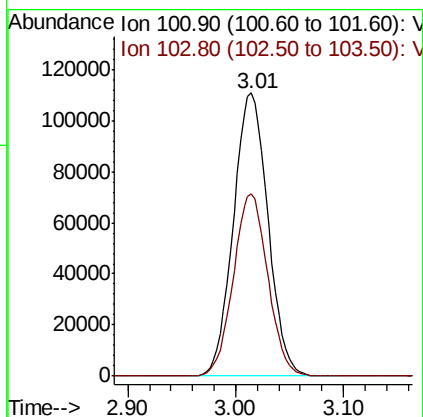
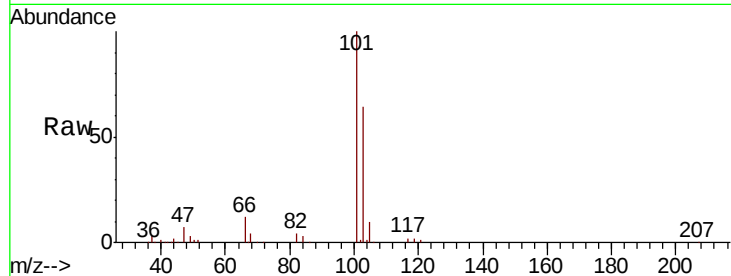
Trichlorofluoromethane
 Concen: 19.139 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.6	77.4

Manual Integrations
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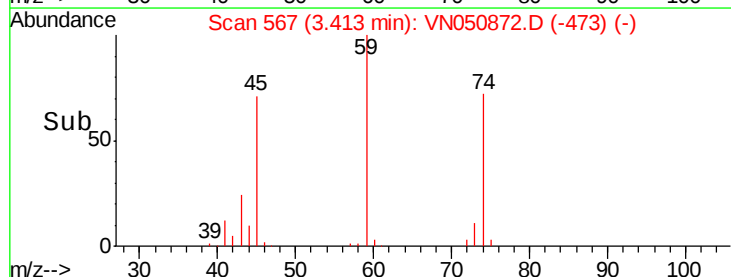
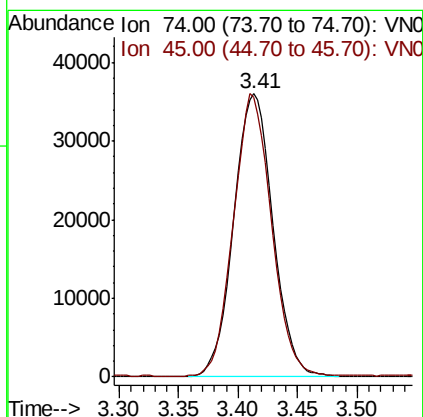
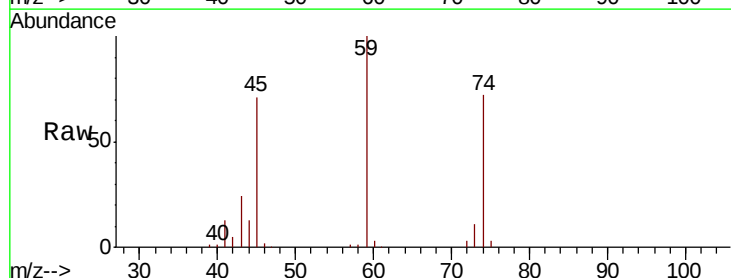
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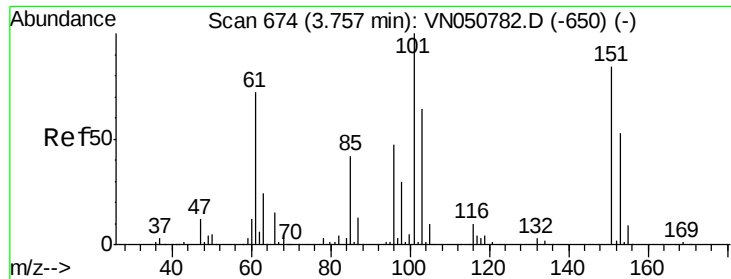


#8

Diethyl Ether
 Concen: 18.734 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.2	144.6





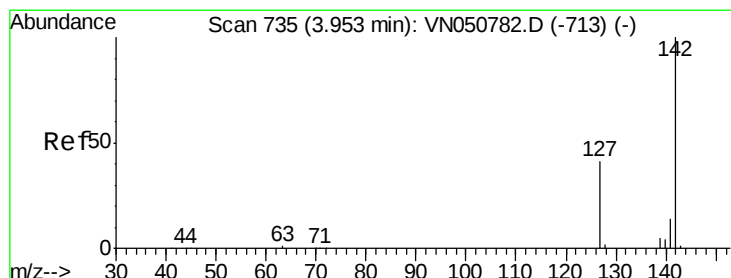
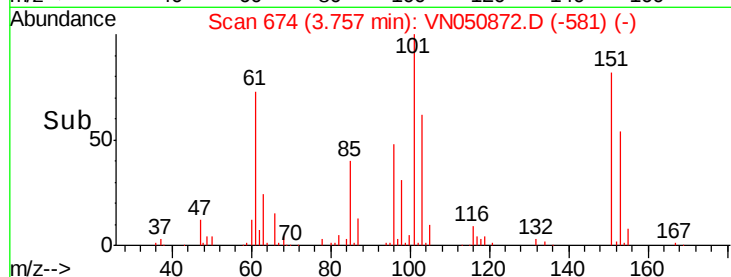
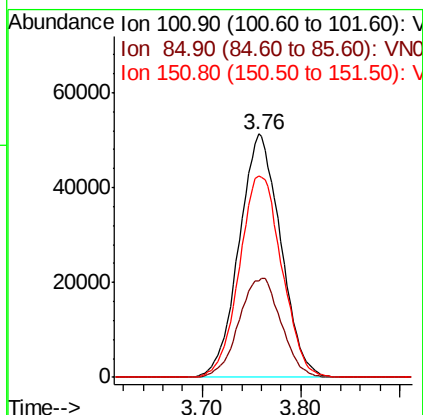
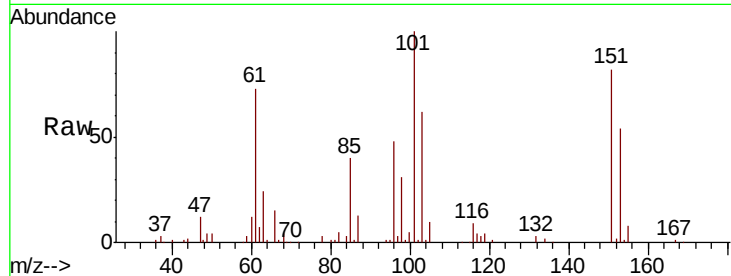
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.483 ug/l
RT: 3.76 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.4	33.7	50.5
151	84.5	67.4	101.2

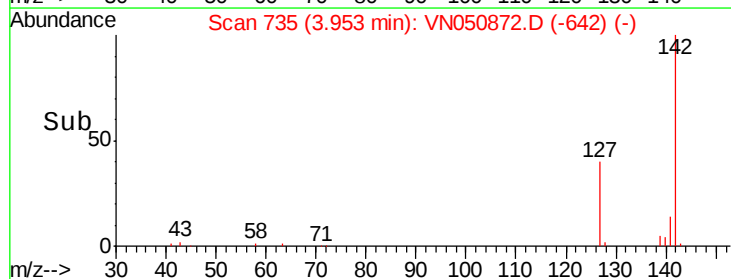
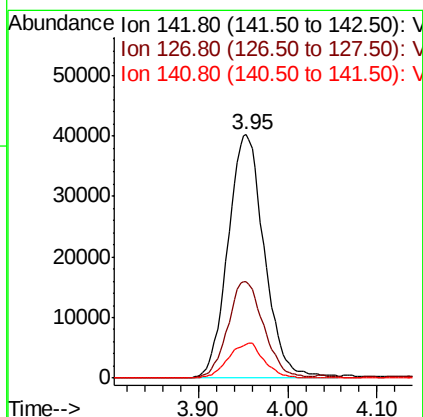
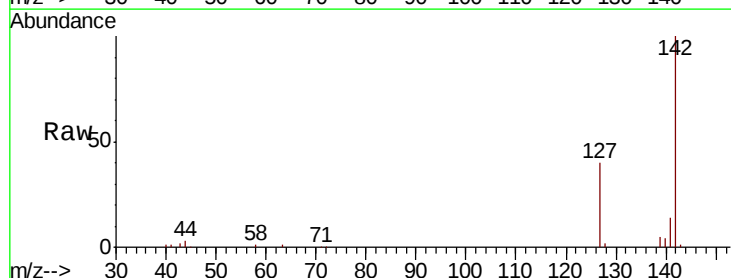
Manual Integrations
APPROVED

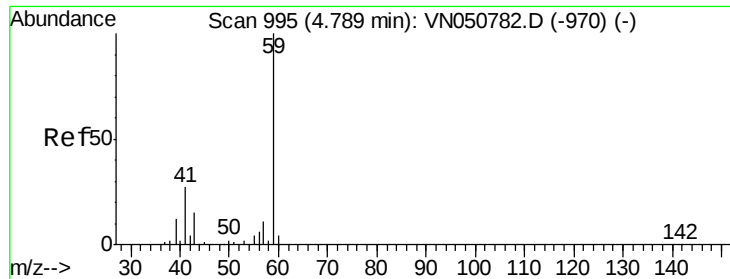
MMDadoda
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#10
Methyl Iodide
Concen: 20.307 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.3	31.7	47.5
141	14.0	11.4	17.0





#11

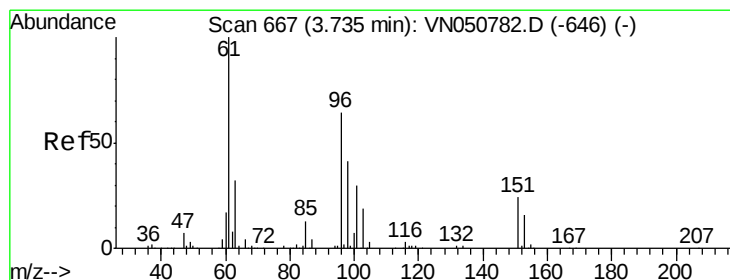
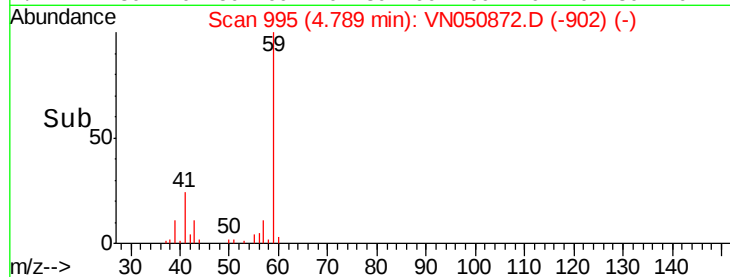
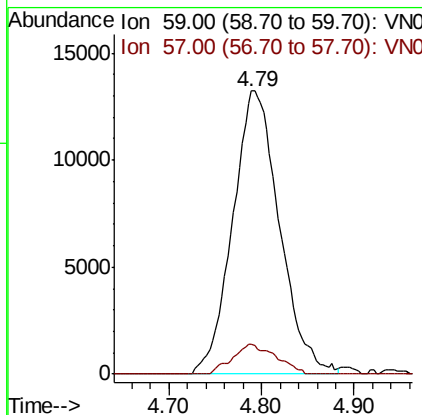
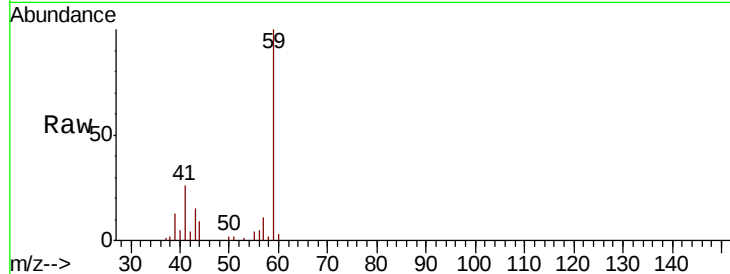
Tert butyl alcohol
 Concen: 93.896 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
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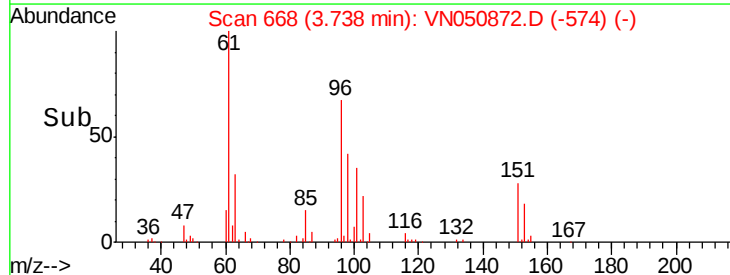
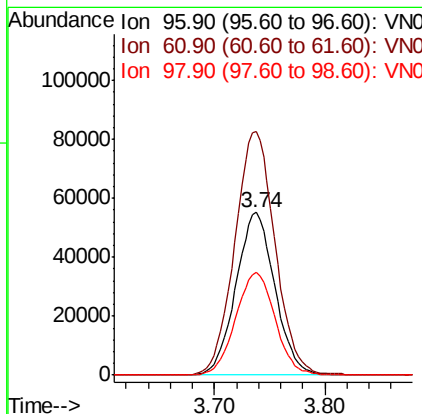
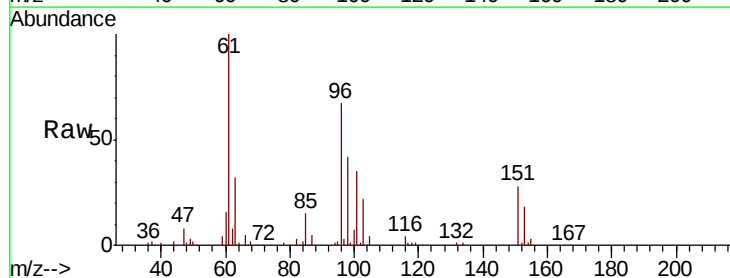
MMDadoda
 8/25/2018 1:18:49 PM

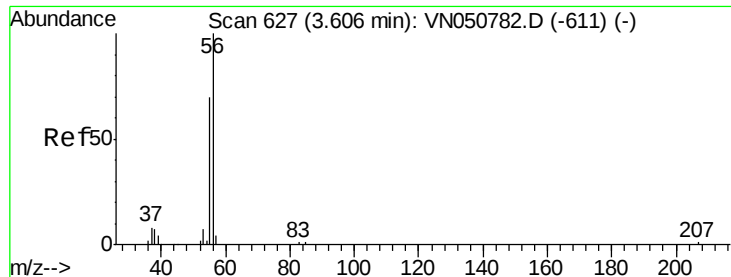


#12

1,1-Dichloroethene
 Concen: 18.653 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	124.9	187.3
98	63.0	51.1	76.7





#13

Acrolein

Concen: 85.546 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 56 Resp: 21050

Ion Ratio Lower Upper

56 100

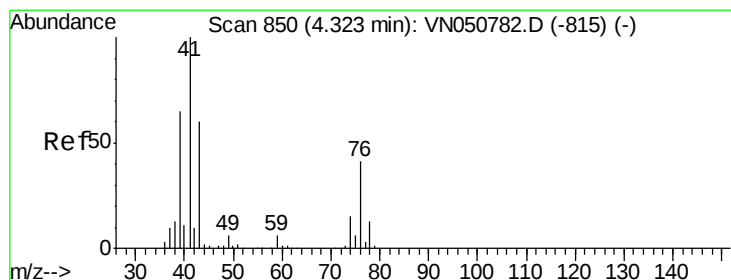
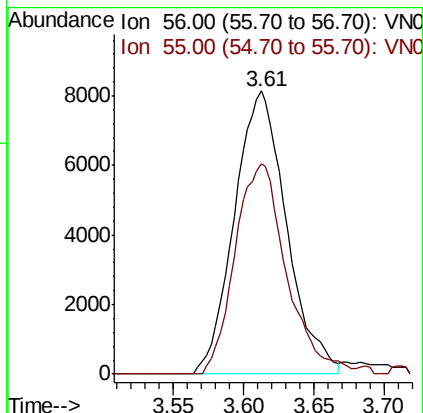
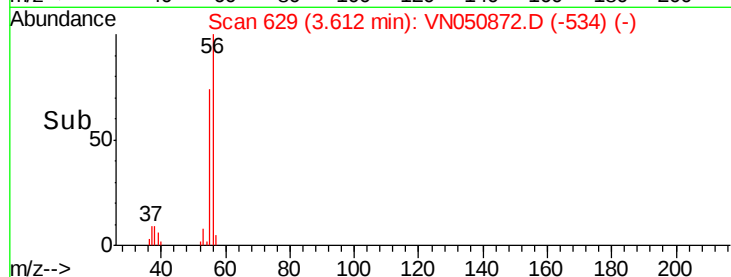
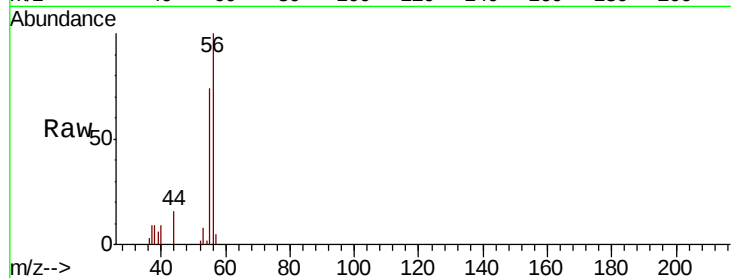
55 73.4 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.470 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

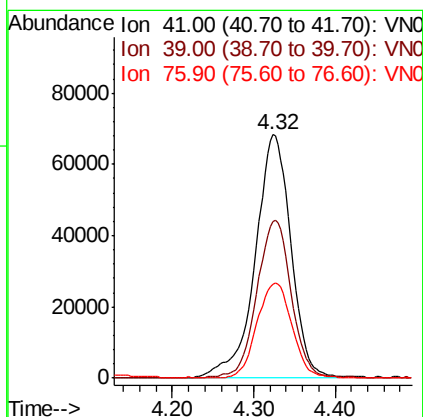
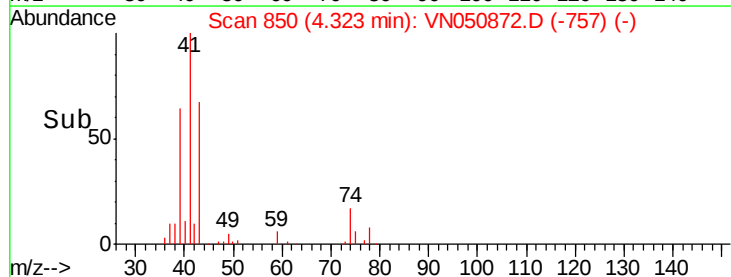
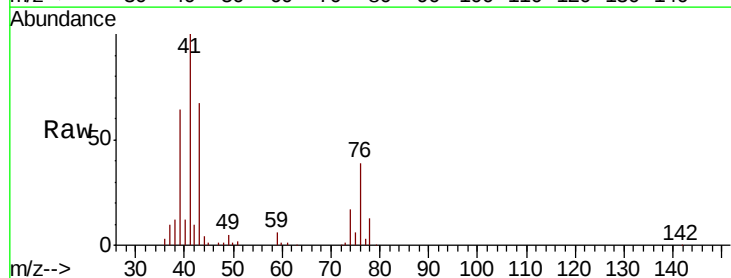
Tgt Ion: 41 Resp: 208640

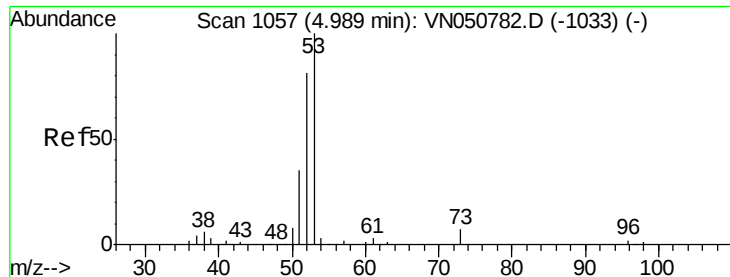
Ion Ratio Lower Upper

41 100

39 62.5 50.2 75.2

76 37.5 29.8 44.8





#15

Acrylonitrile

Concen: 96.127 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

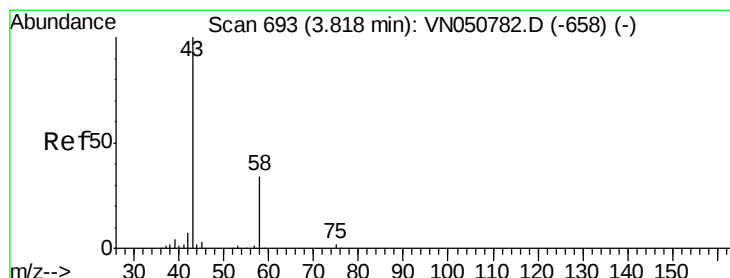
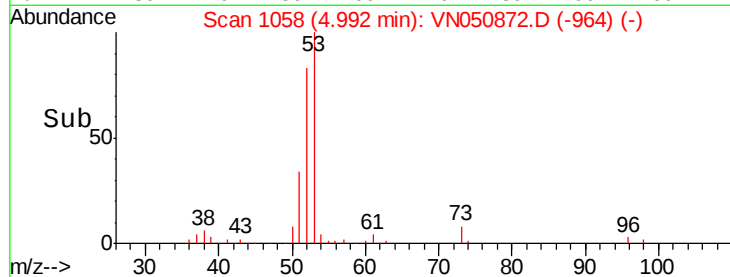
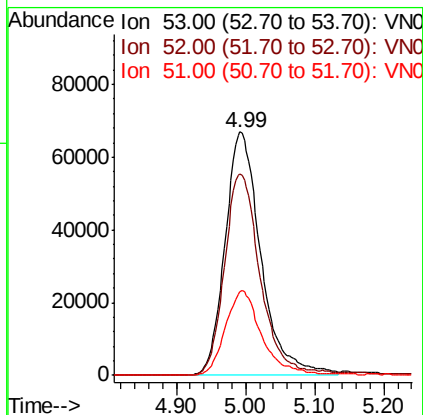
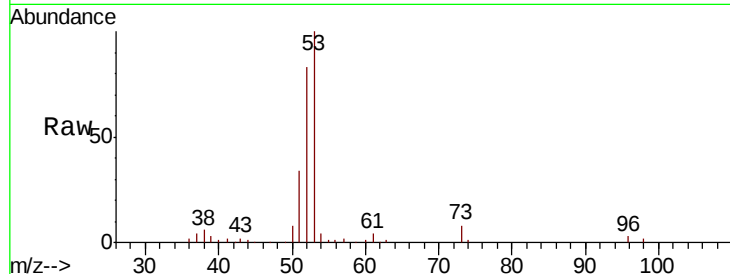
ClientSampleId :

VN0824MBSD01

Tgt Ion:	53	Resp:	241724
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.9	98.9
51	35.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 83.529 ug/l

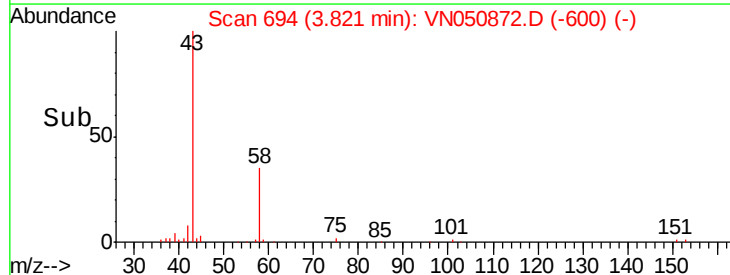
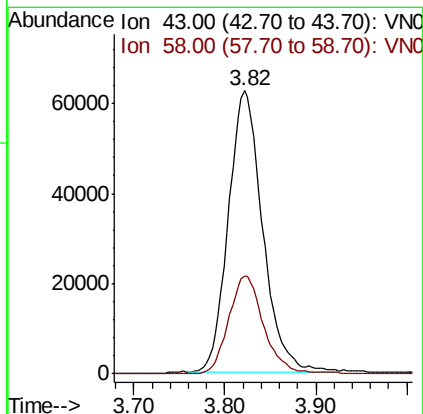
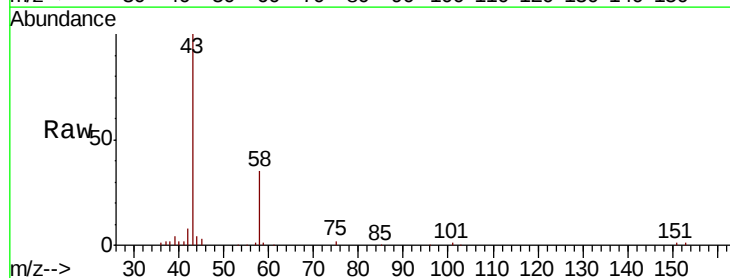
RT: 3.82 min Scan# 694

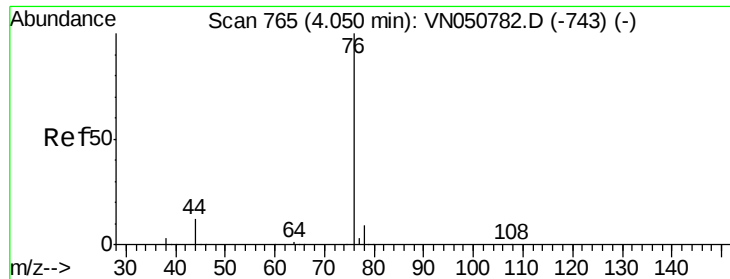
Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion:	43	Resp:	162352
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.2	40.8





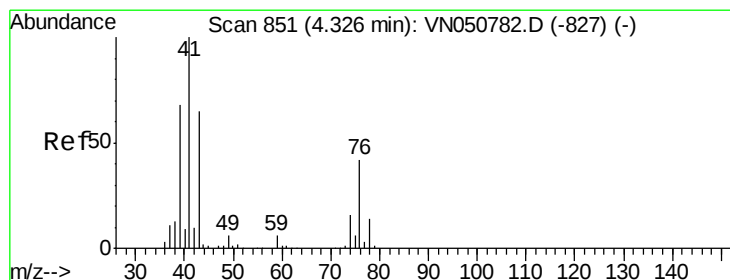
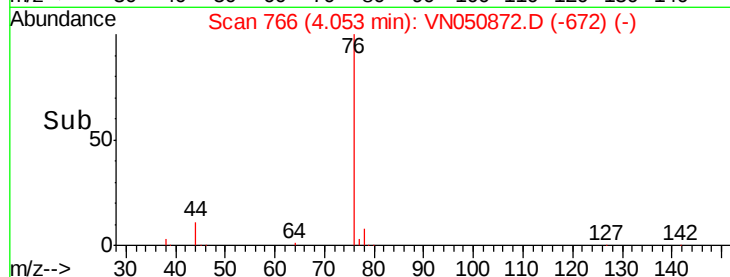
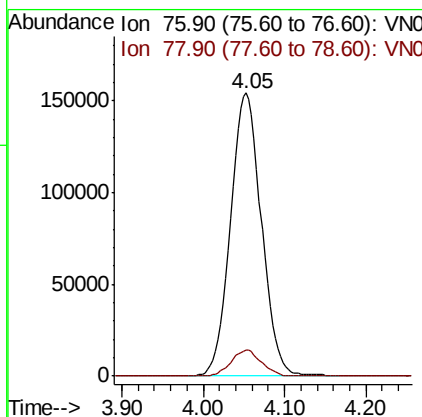
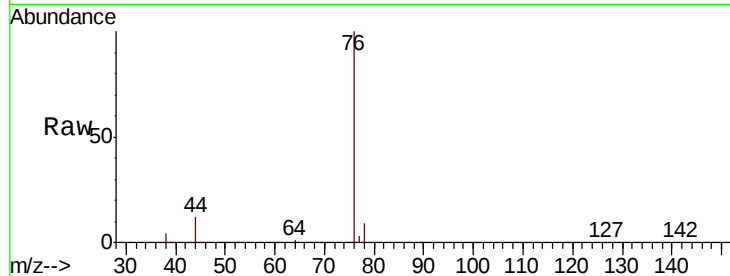
#17
Carbon Disulfide
Concen: 16.786 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

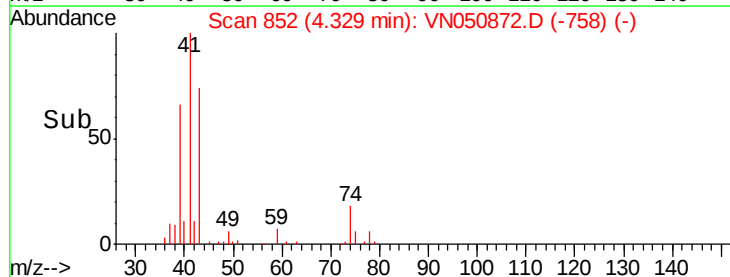
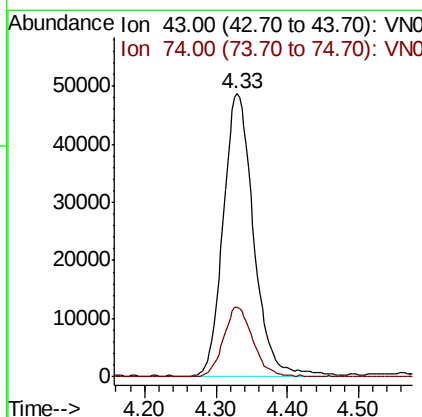
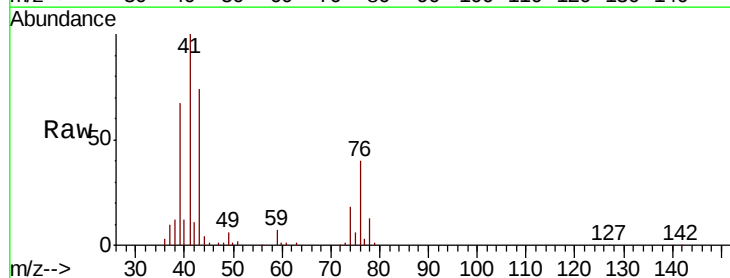
Manual Integrations
APPROVED

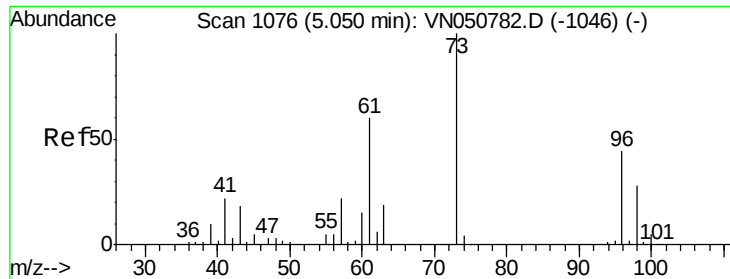
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#18
Methyl Acetate
Concen: 19.842 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.8	29.8





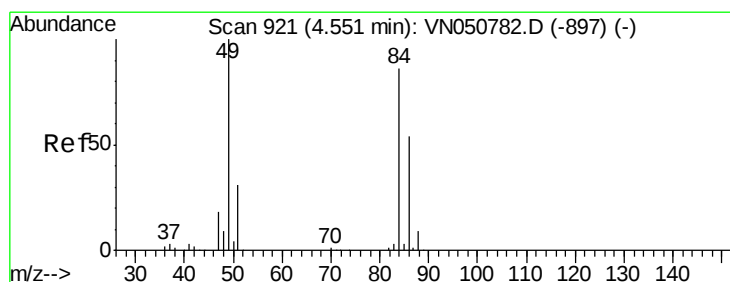
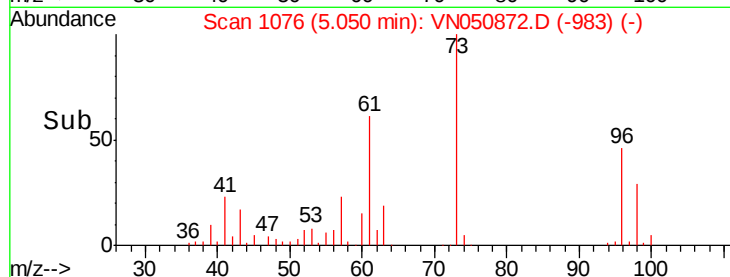
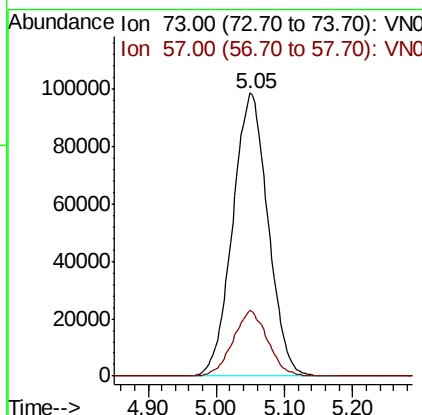
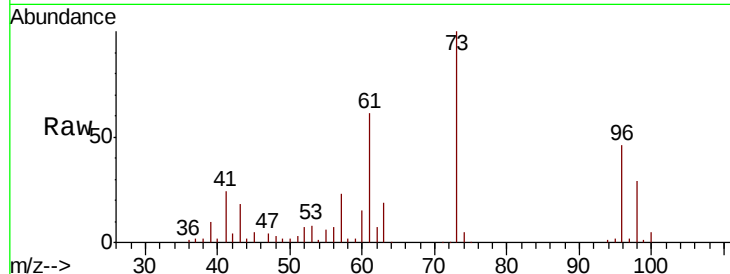
#19
Methyl tert-butyl Ether
Concen: 19.501 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion: 73 Resp: 355591
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.8

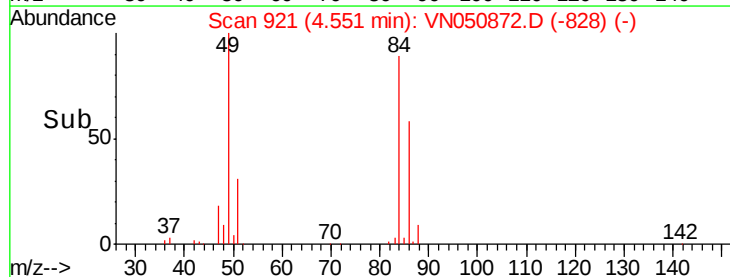
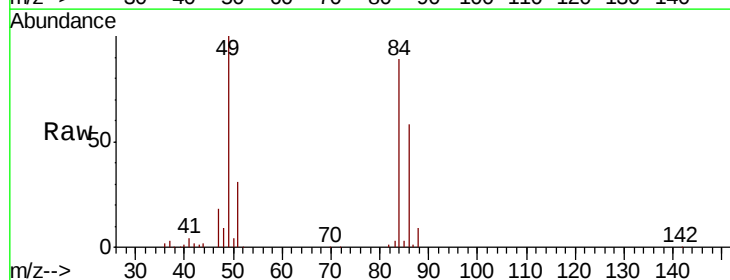
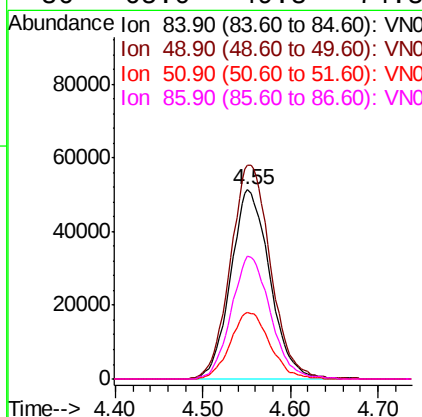
Manual Integrations
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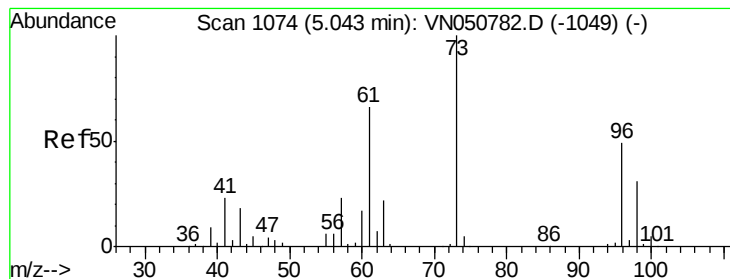
MMDadoda
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#20
Methylene Chloride
Concen: 18.216 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 84 Resp: 159533
Ion Ratio Lower Upper
84 100
49 112.8 93.2 139.8
51 34.9 29.0 43.6
86 65.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.459 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 96 Resp: 144735

Ion Ratio Lower Upper

96 100

61 134.8 107.4 161.0

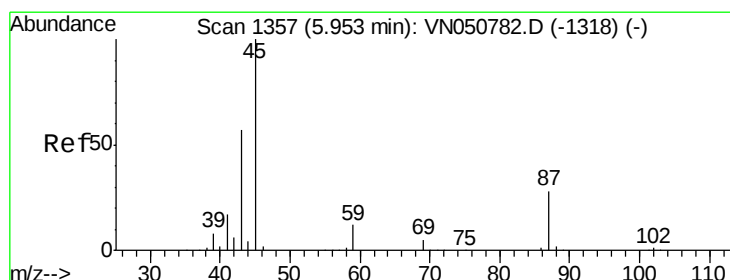
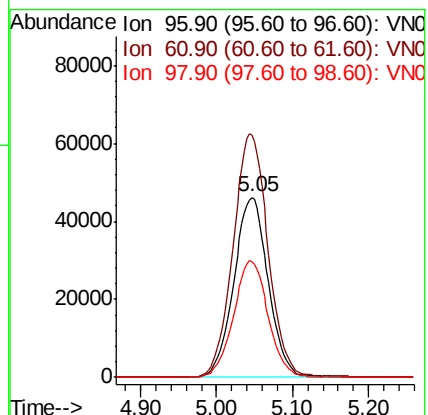
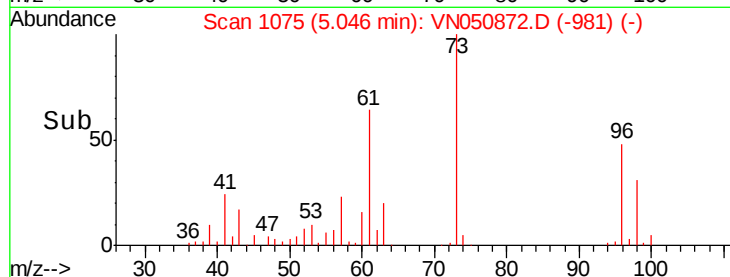
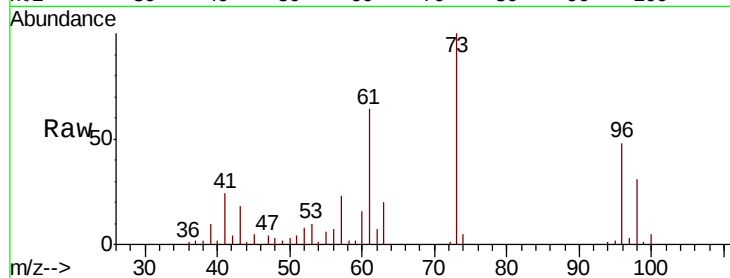
98 64.3 50.7 76.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.099 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion: 45 Resp: 452465

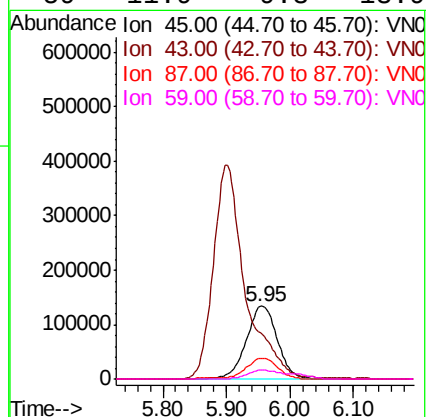
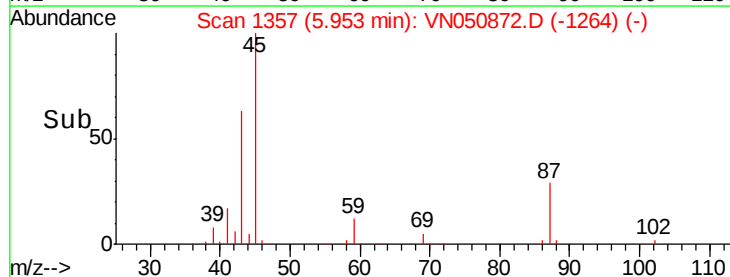
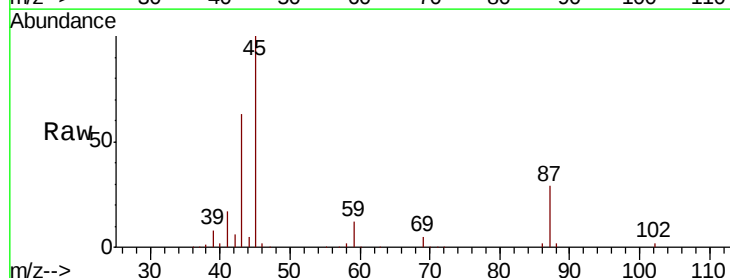
Ion Ratio Lower Upper

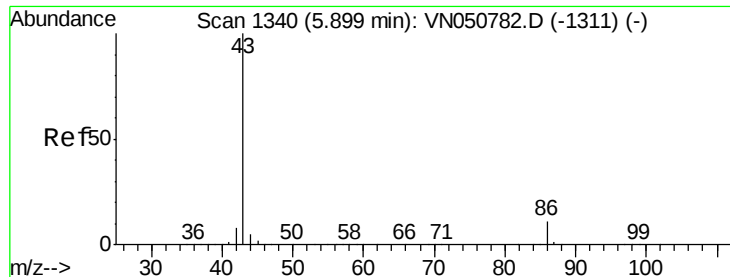
45 100

43 61.9 45.9 68.9

87 28.8 22.7 34.1

59 11.9 9.3 13.9





#23

Vinyl Acetate

Concen: 95.296 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 43 Resp: 1381581

Ion Ratio Lower Upper

43 100

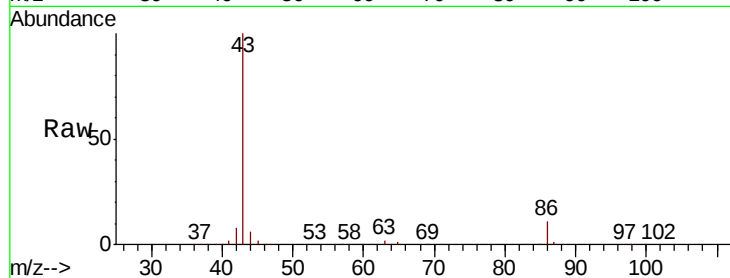
86 10.9 8.7 13.1

Manual Integrations

APPROVED

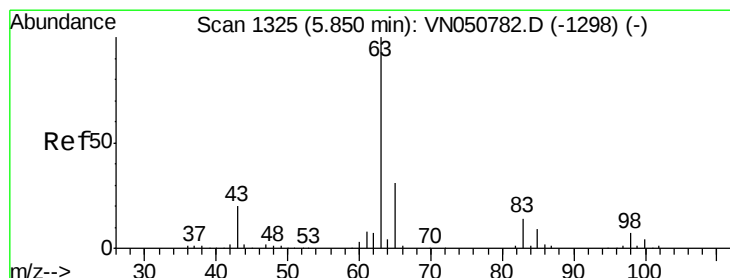
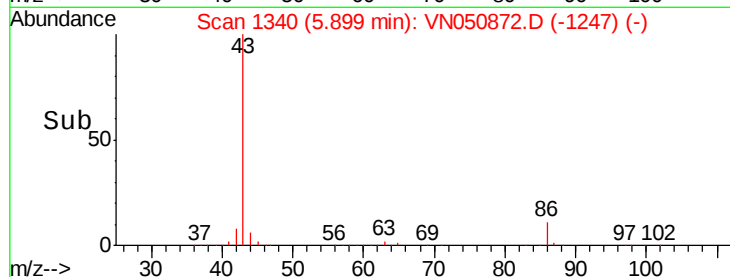
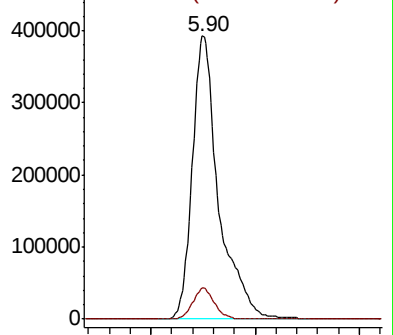
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.036 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

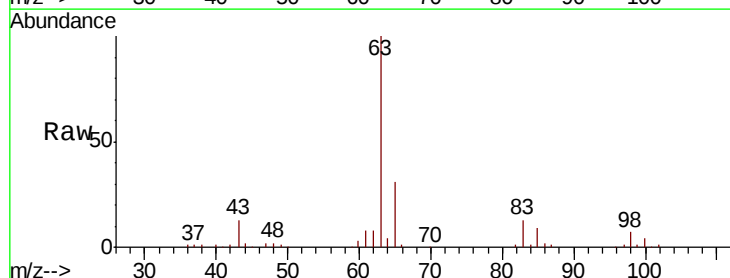
Tgt Ion: 63 Resp: 275119

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

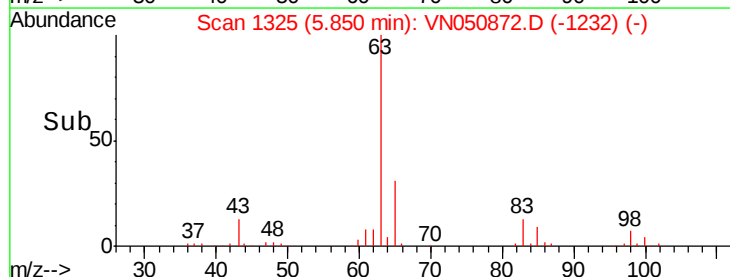
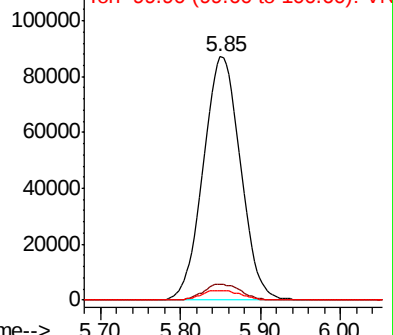
100 3.9 2.1 6.5

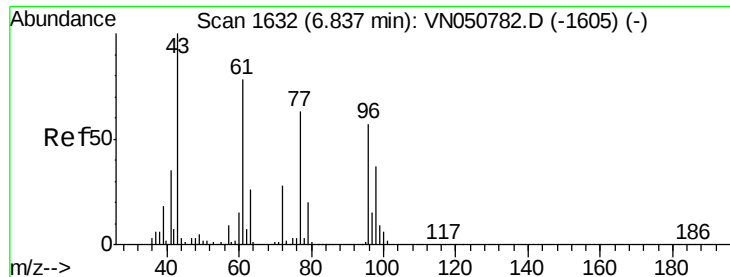


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





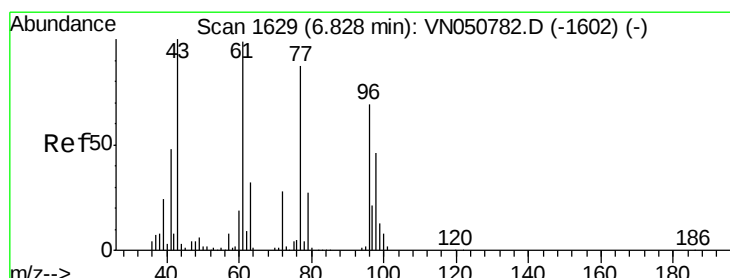
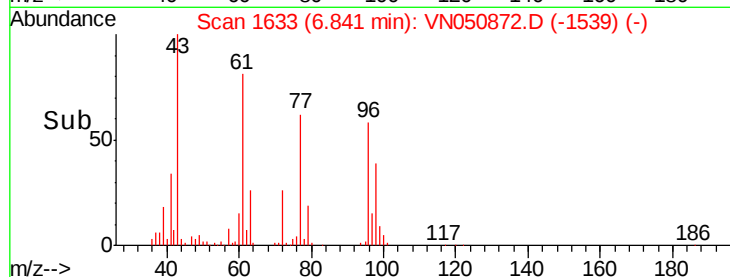
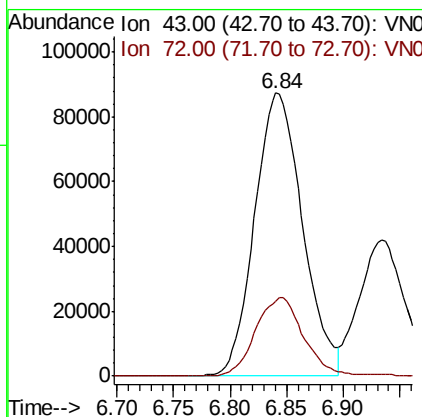
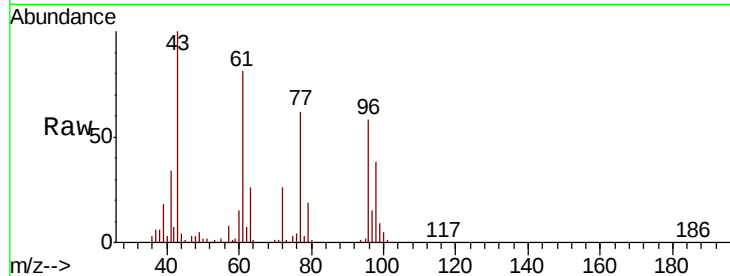
#25
 2-Butanone
 Concen: 81.778 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0824MBSD01

Tgt Ion: 43 Resp: 256078
 Ion Ratio Lower Upper
 43 100
 72 26.4 22.3 33.5

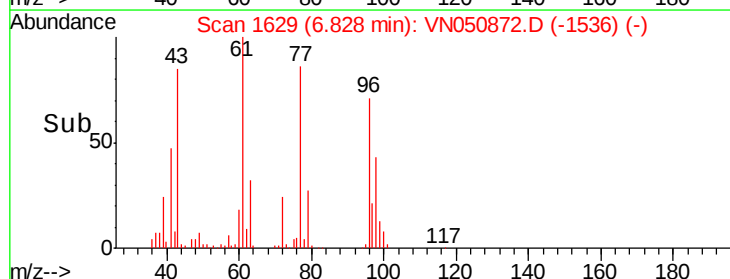
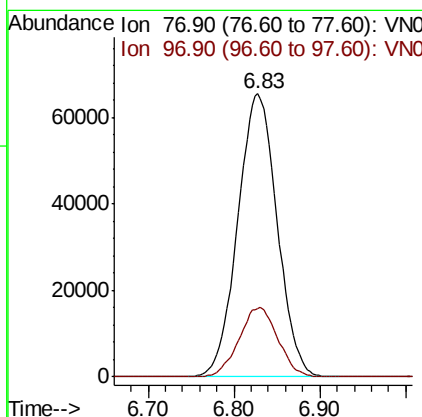
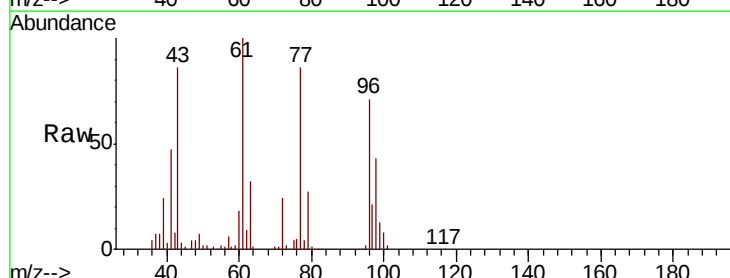
Manual Integrations
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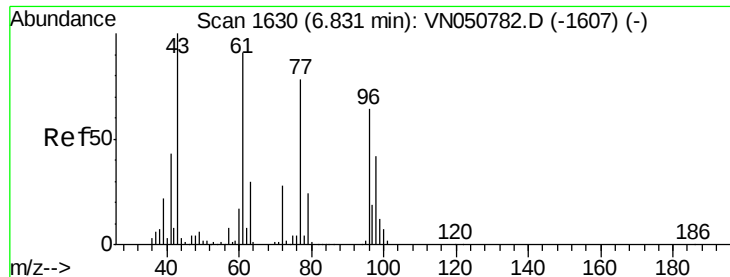
MMDadoda
 8/25/2018 1:18:49 PM



#26
 2,2-Dichloropropane
 Concen: 17.945 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 77 Resp: 208401
 Ion Ratio Lower Upper
 77 100
 97 24.3 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.291 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

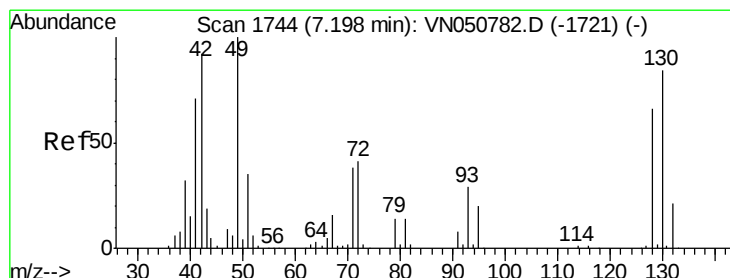
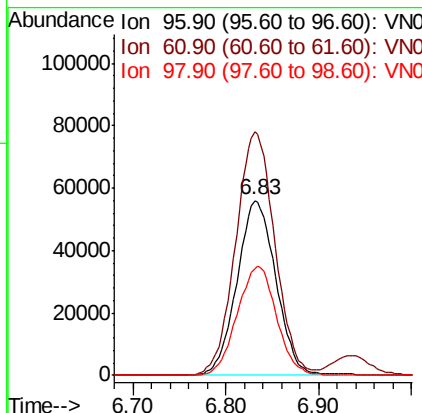
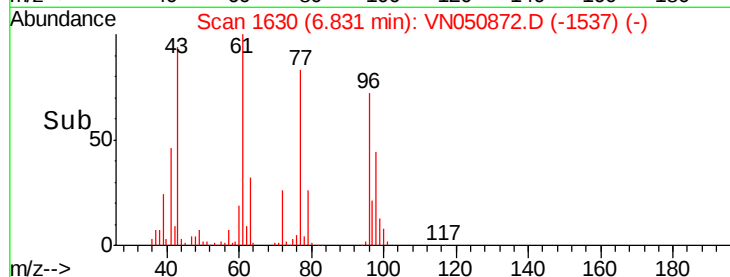
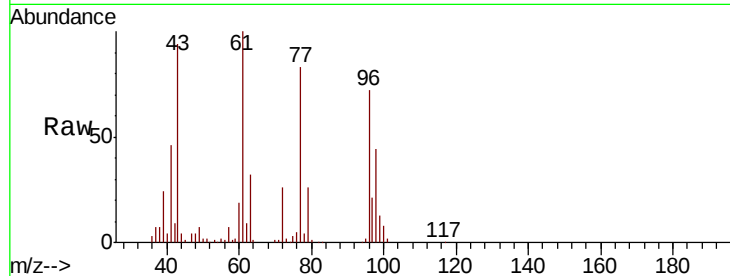
ClientSampleId :

VN0824MBSD01

Tgt Ion:	96	Resp:	163067
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	283.4
98	63.1	0.0	129.8

Manual Integrations
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#28

Bromochloromethane

Concen: 17.894 ug/l

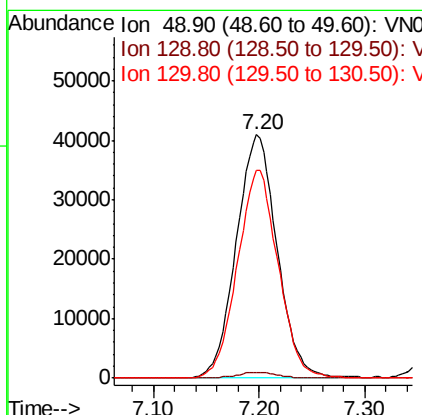
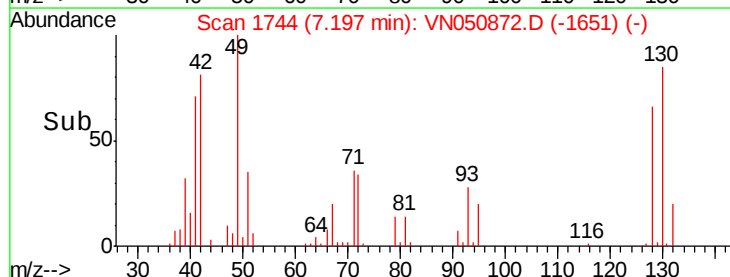
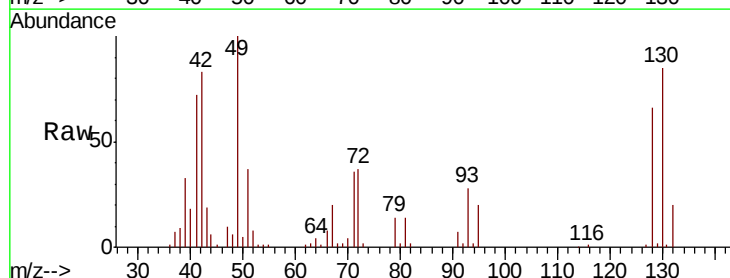
RT: 7.20 min Scan# 1744

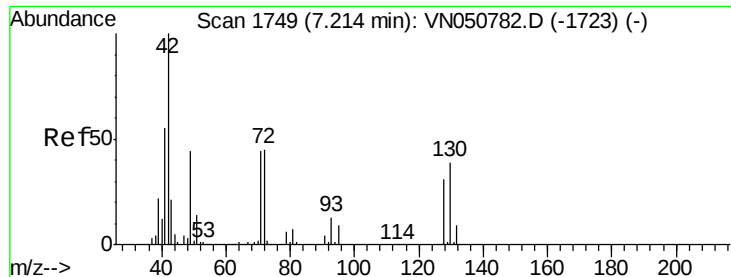
Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion:	49	Resp:	109893
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.2
130	85.4	67.1	100.7





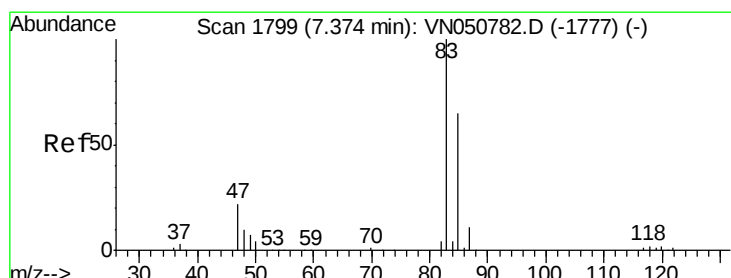
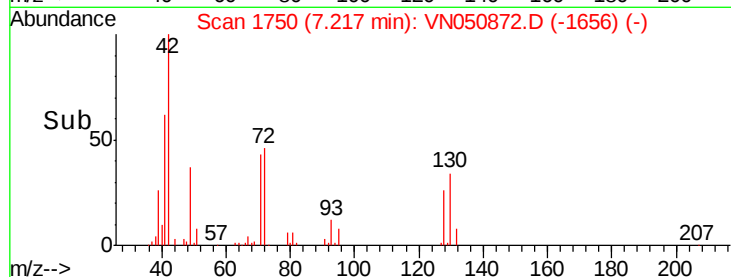
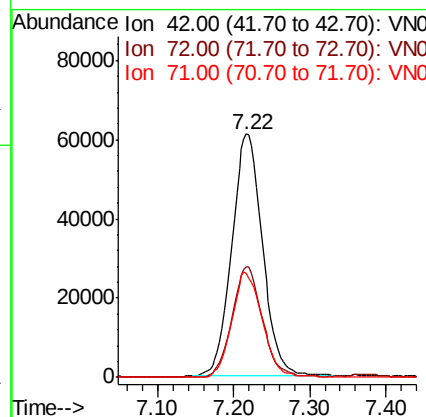
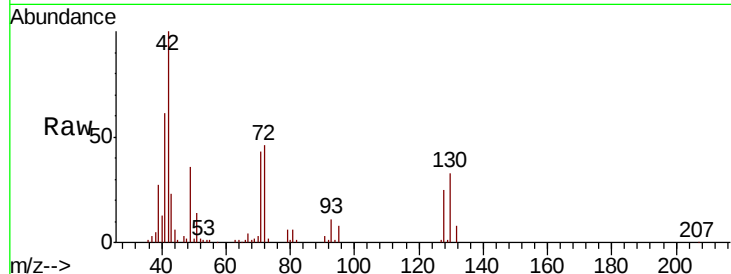
#29
Tetrahydrofuran
Concen: 95.760 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.5	53.3
71	42.7	33.7	50.5

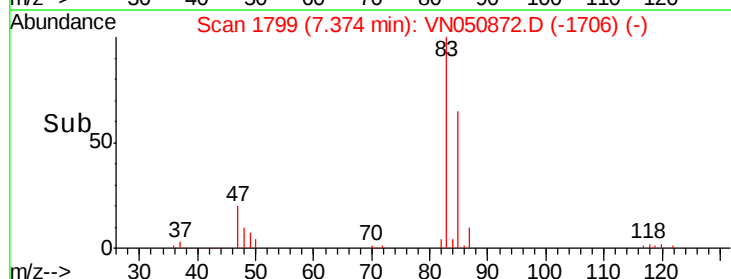
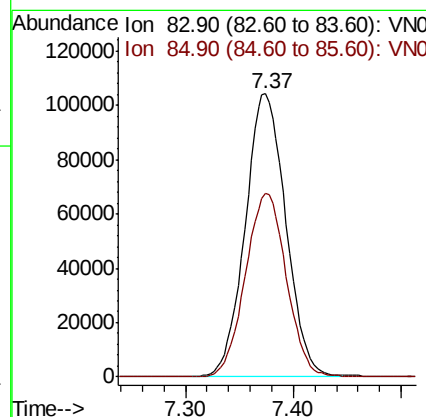
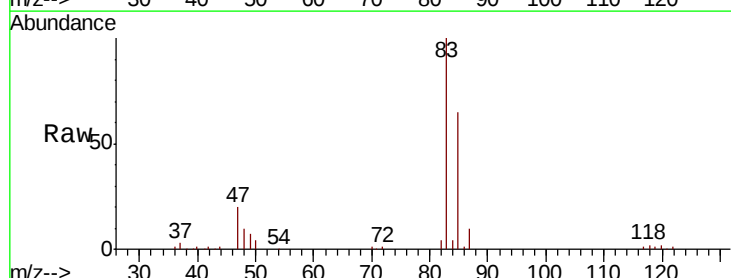
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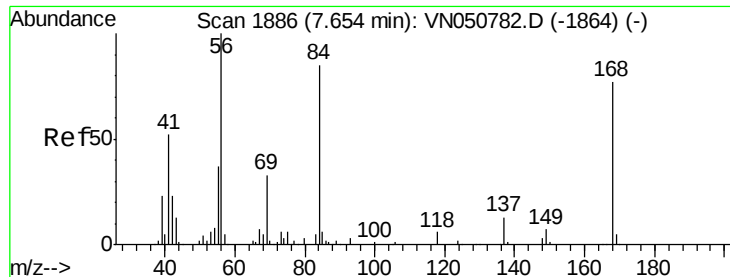
MMDadoda
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#30
Chloroform
Concen: 19.047 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.4





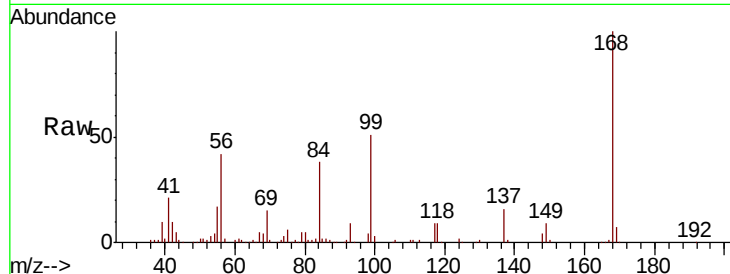
#31
Cyclohexane
Concen: 18.579 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.2	39.4
84	89.6	68.3	102.5

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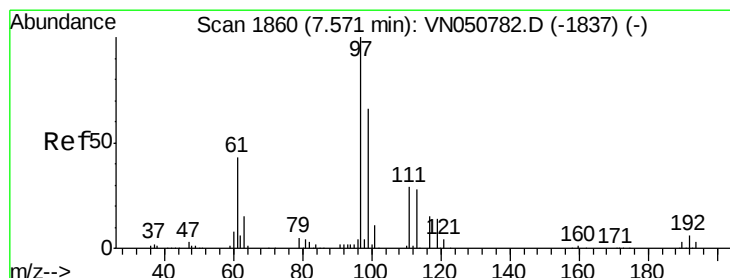
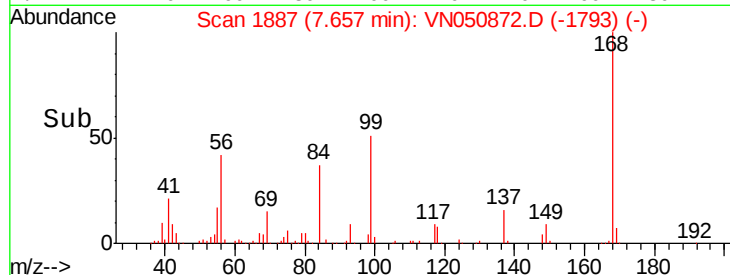
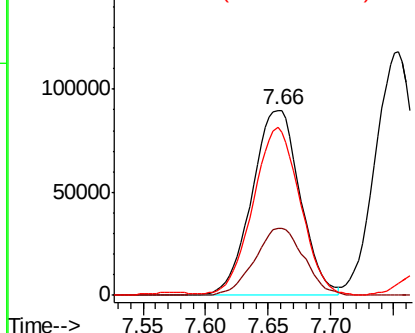


Abundance

Ion 56.00 (55.70 to 56.70): VNO

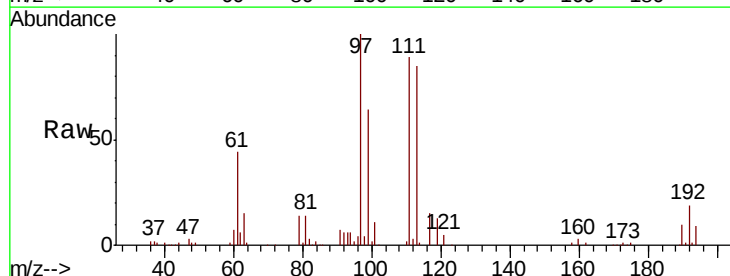
Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32
1,1,1-Trichloroethane
Concen: 18.654 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	43.3	34.9	52.3

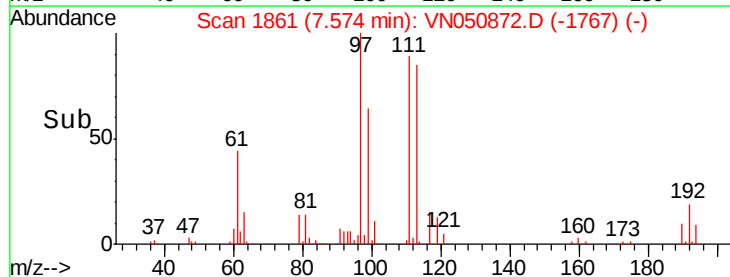
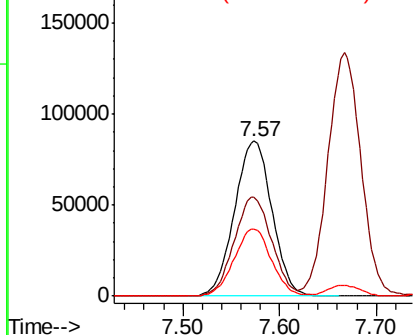


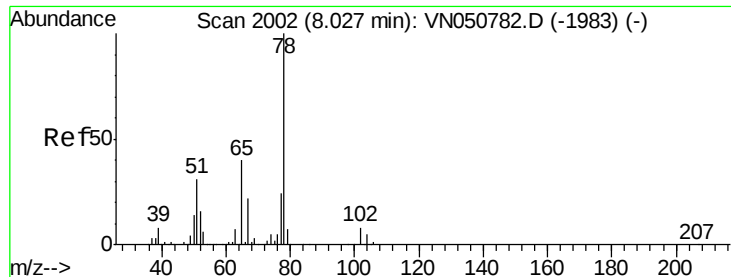
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO





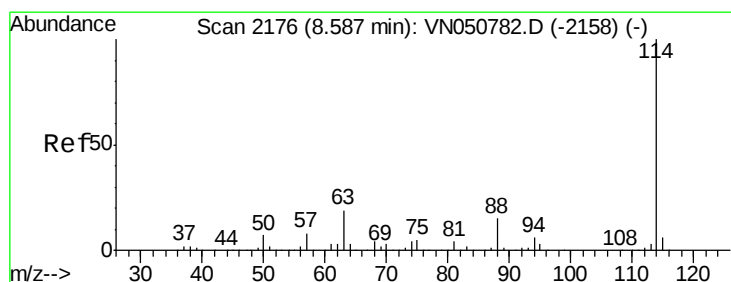
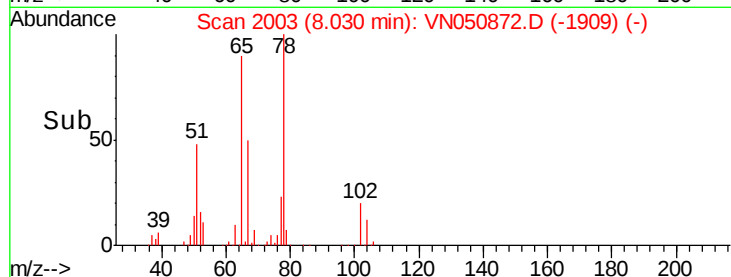
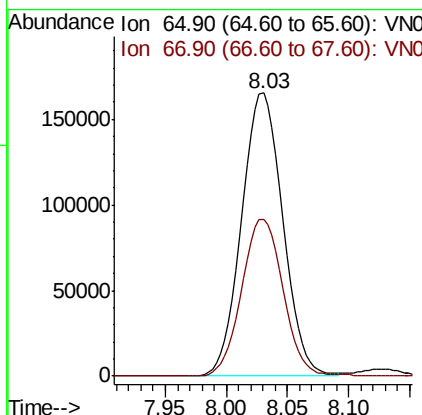
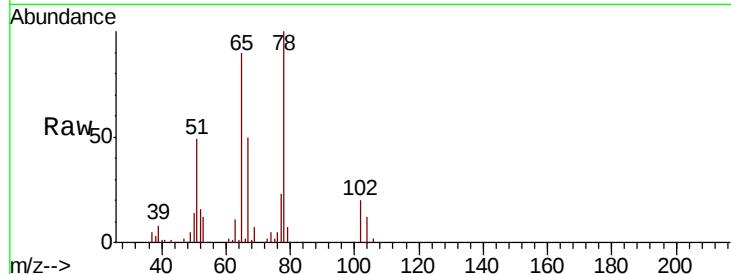
#33
 1,2-Dichloroethane-d4
 Concen: 49.869 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion: 65 Resp: 387502
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4

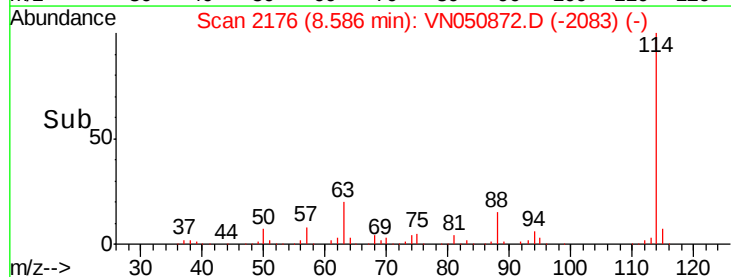
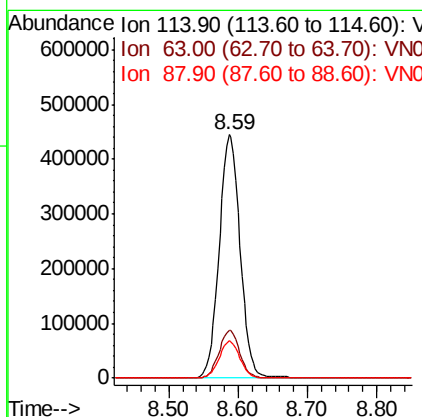
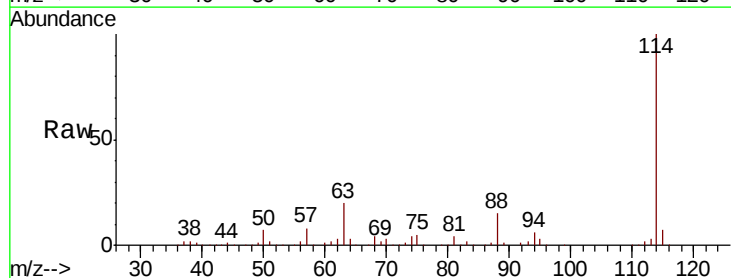
Manual Integrations
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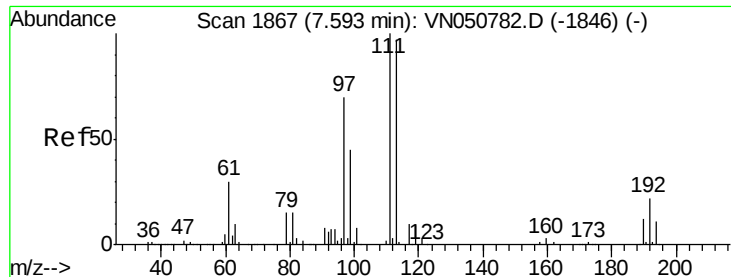
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 114 Resp: 931301
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.380 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

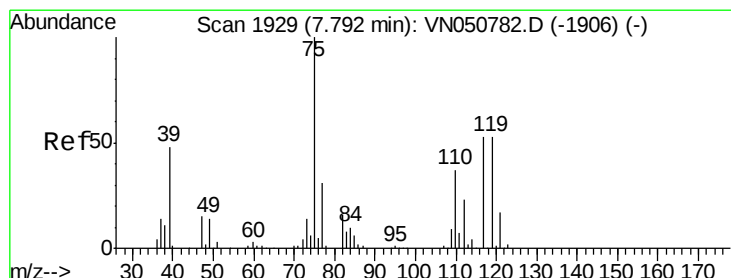
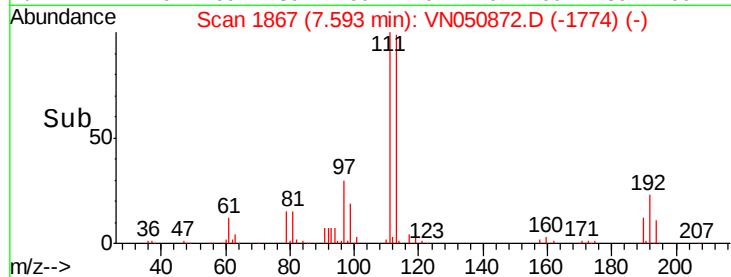
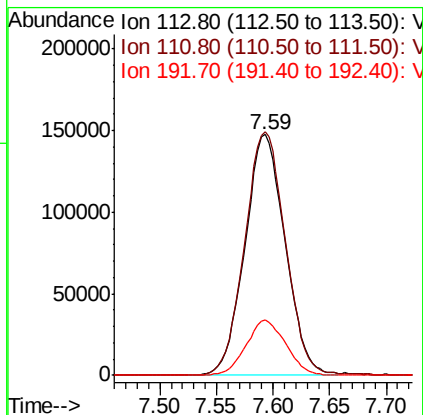
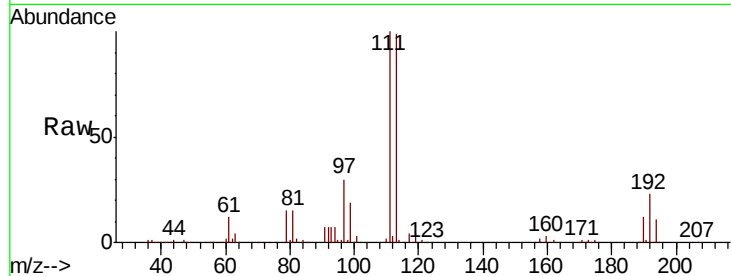
ClientSampleId :

VN0824MBSD01

Tgt Ion:	113	Resp:	365861
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	123.8
192	22.6	18.0	27.0

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#36

1,1-Dichloropropene

Concen: 18.576 ug/l

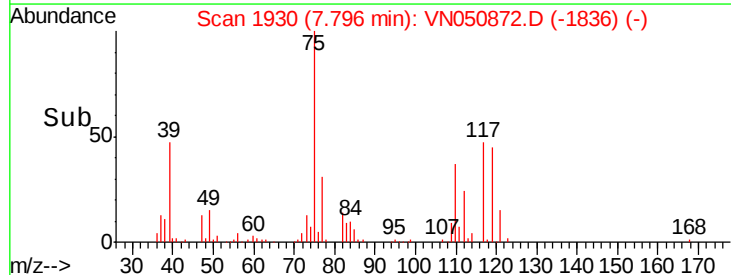
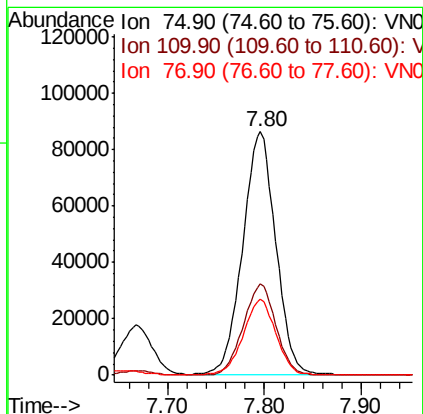
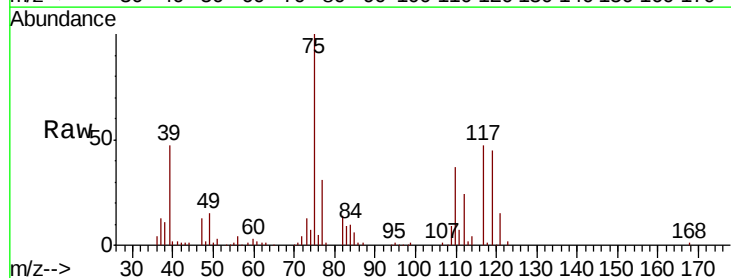
RT: 7.80 min Scan# 1930

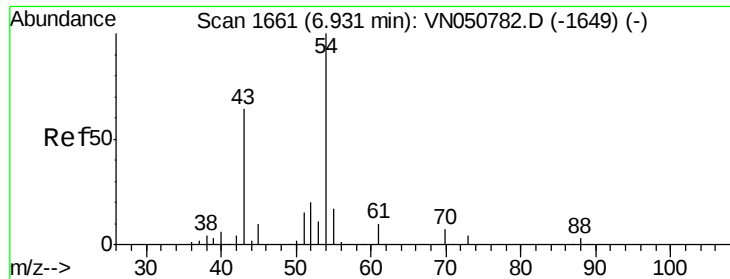
Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion:	75	Resp:	204148
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.4
77	31.0	24.8	37.2





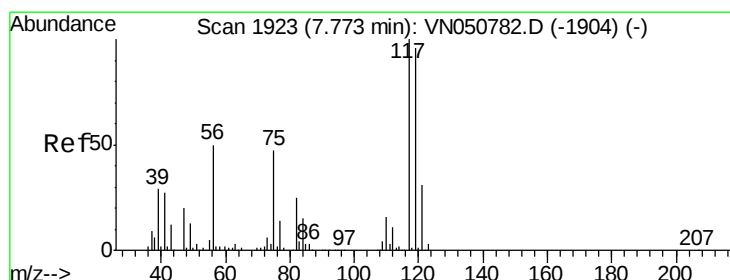
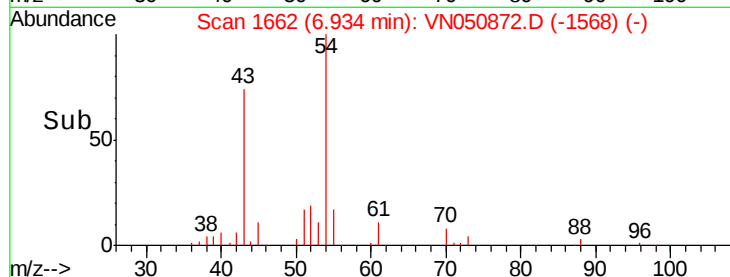
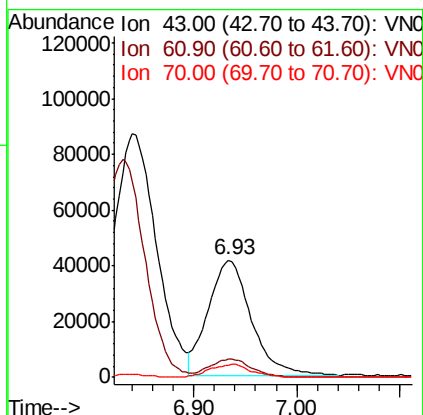
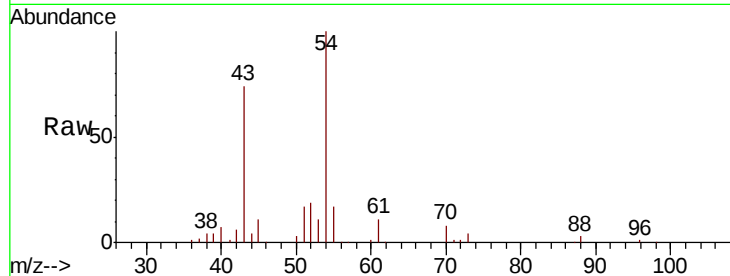
#37
Ethyl Acetate
Concen: 19.139 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.0	18.0
70	11.0	8.6	13.0

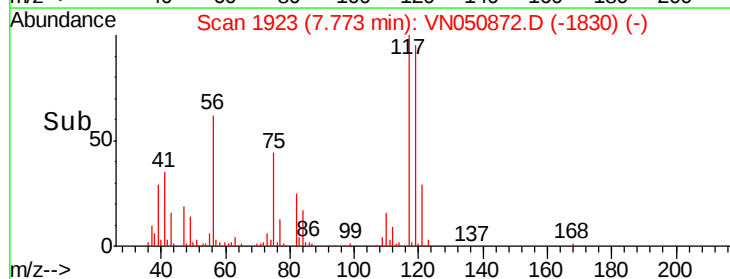
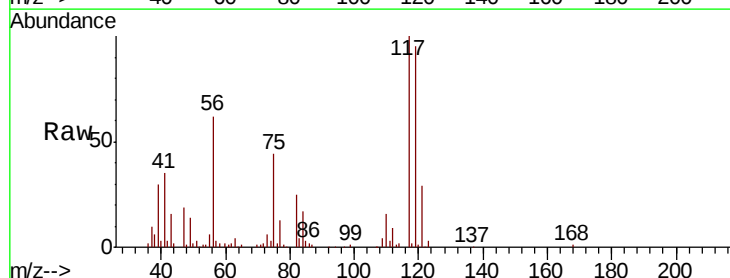
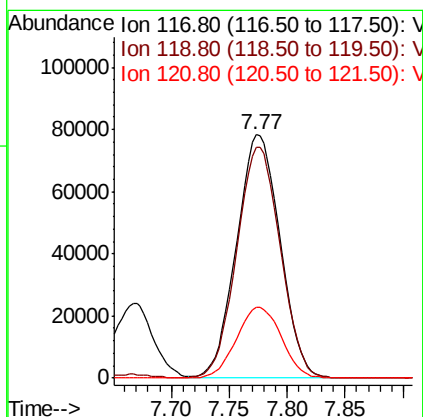
Manual Integrations
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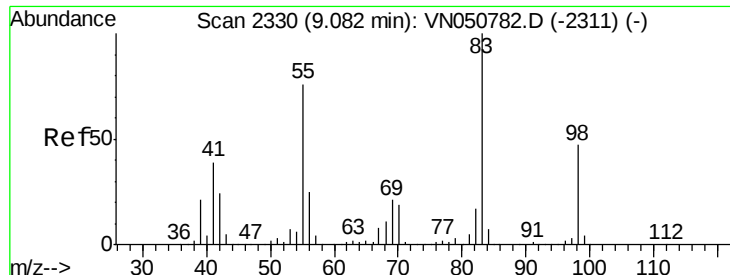
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#38
Carbon Tetrachloride
Concen: 18.291 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
121	29.1	24.6	36.8





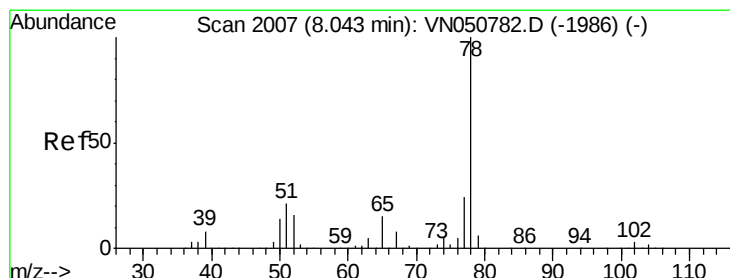
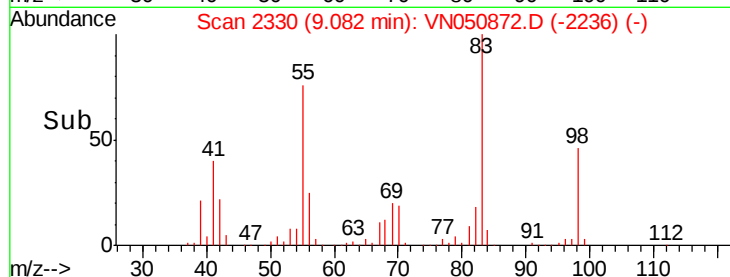
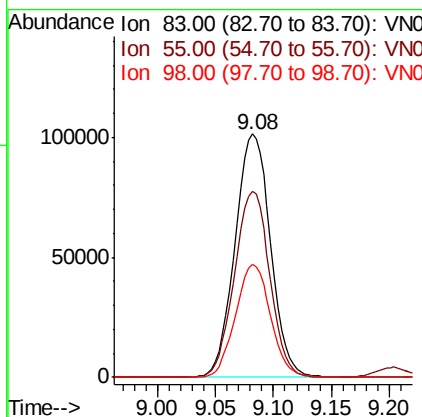
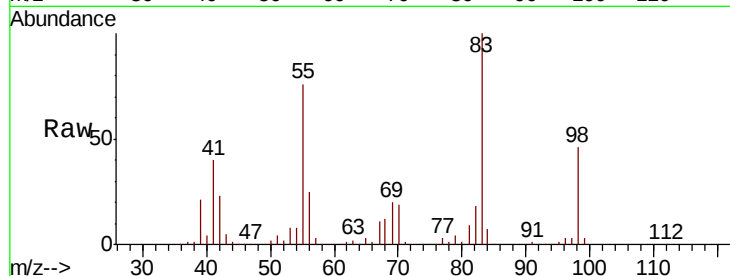
#39
Methylcyclohexane
Concen: 18.166 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	215984		
55	76.5	61.0	91.4	
98	46.3	37.5	56.3	

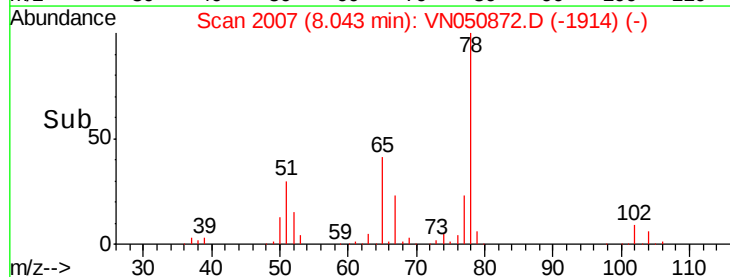
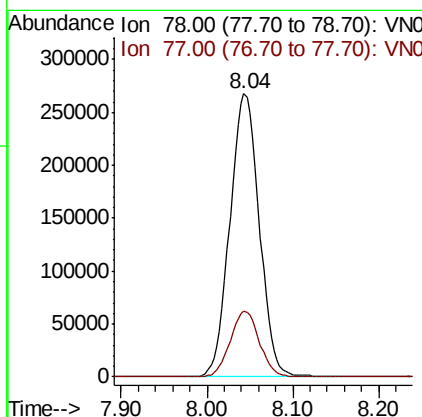
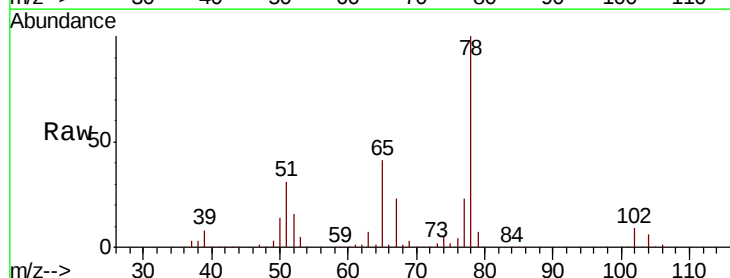
Manual Integrations
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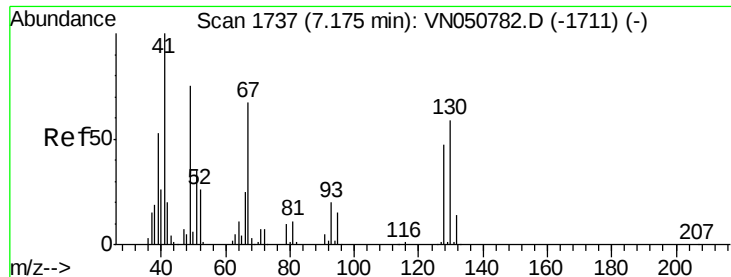
MMDadoda
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#40
Benzene
Concen: 19.165 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	635099		
77	23.1	19.0	28.4	





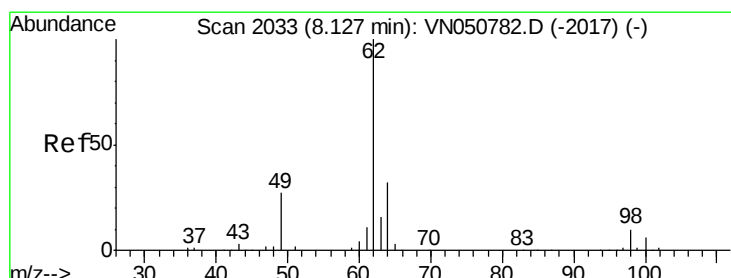
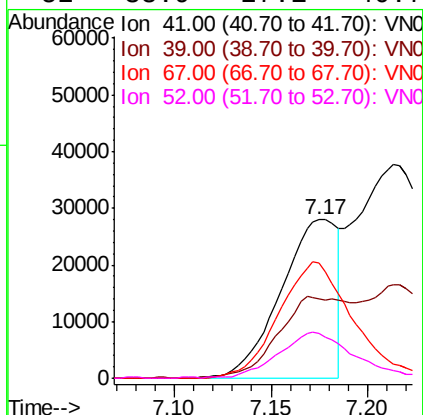
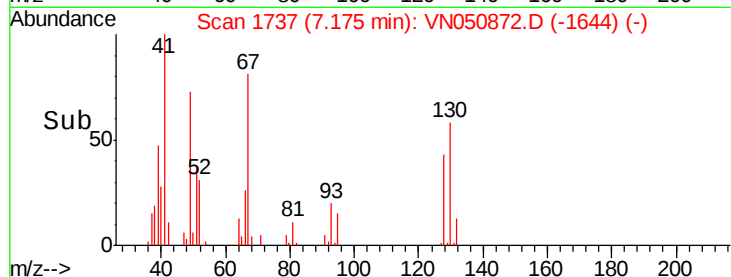
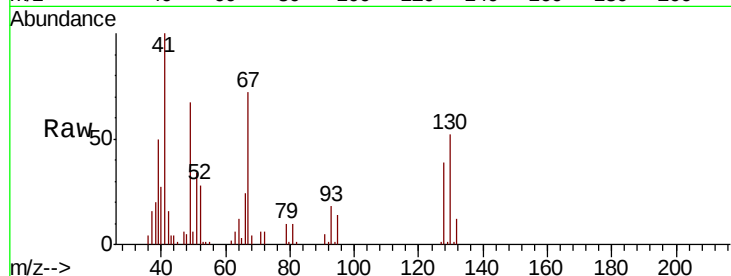
#41
Methacrylonitrile
Concen: 16.739 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.4	68.0
67	98.1	70.6	106.0
52	38.9	27.1	40.7

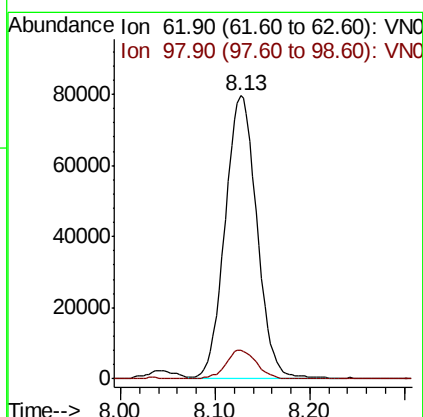
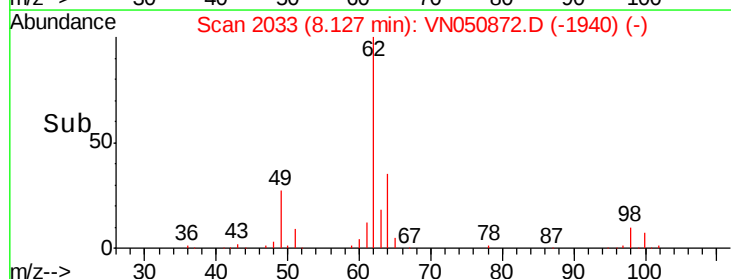
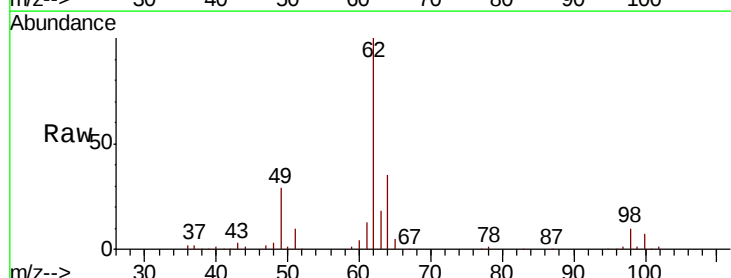
Manual Integrations
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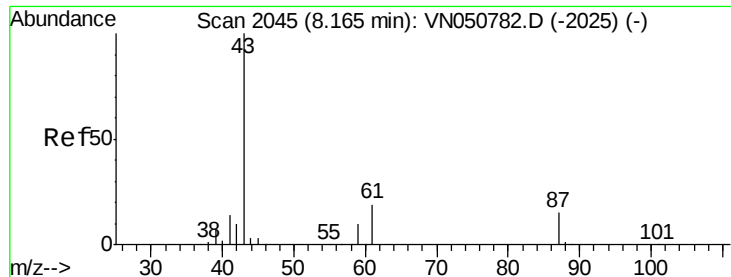
MMDadoda
8/25/2018 1:18:49 PM



#42
1,2-Dichloroethane
Concen: 18.682 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





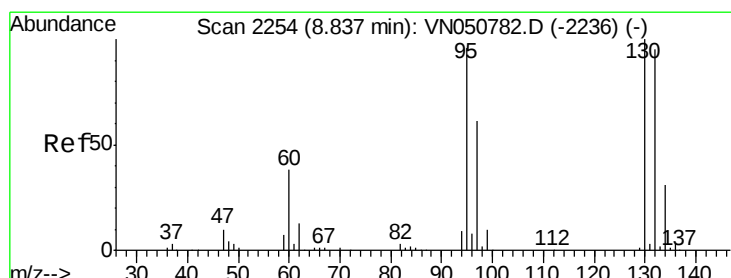
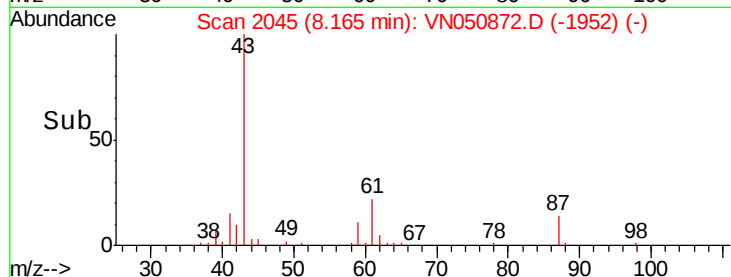
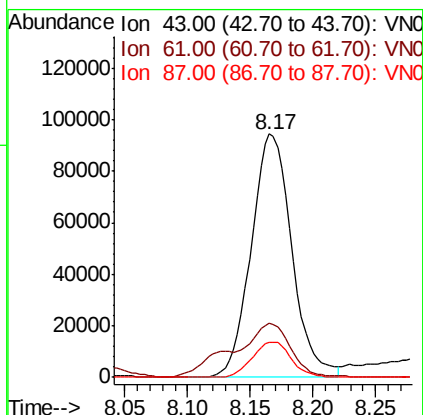
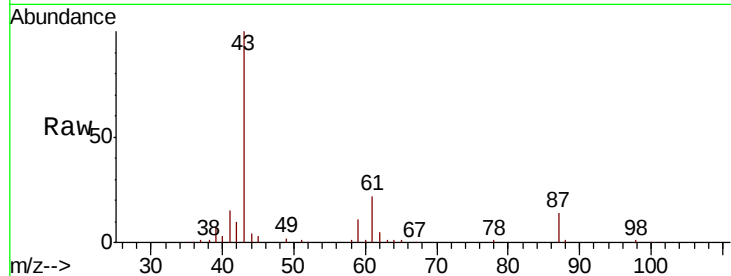
#43
Isopropyl Acetate
Concen: 19.652 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.5	26.3
87	13.9	11.3	16.9

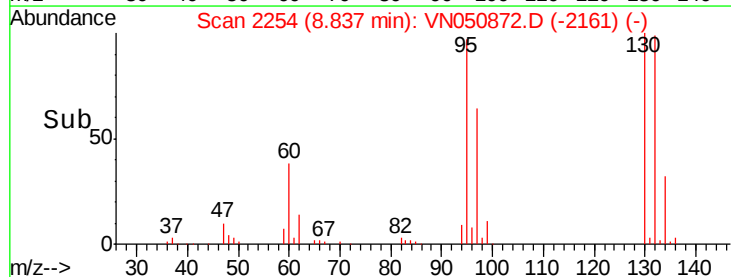
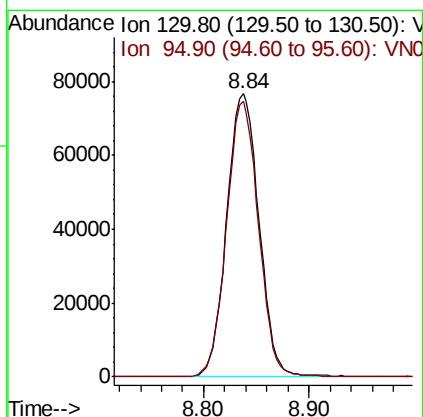
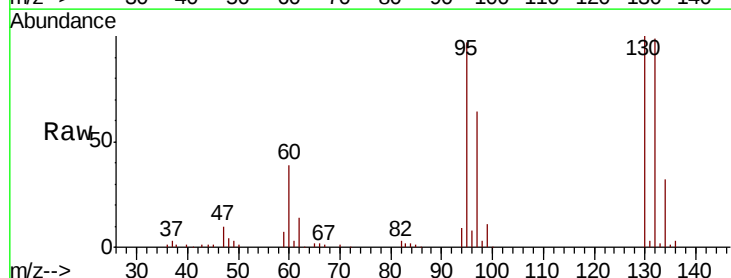
Manual Integrations
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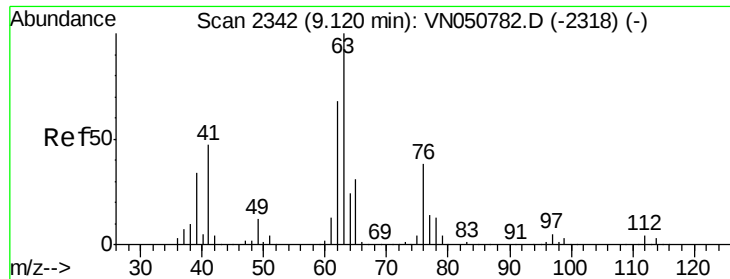
MMDadoda
8/25/2018 1:18:49 PM



#44
Trichloroethene
Concen: 18.614 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	193.0





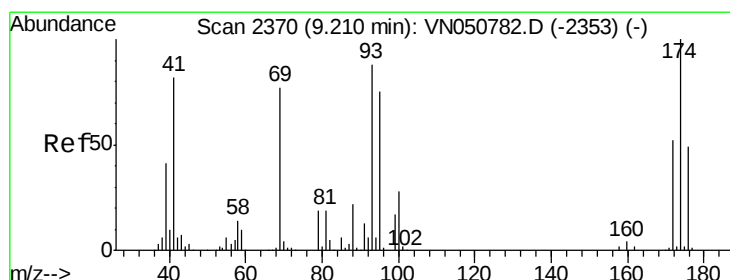
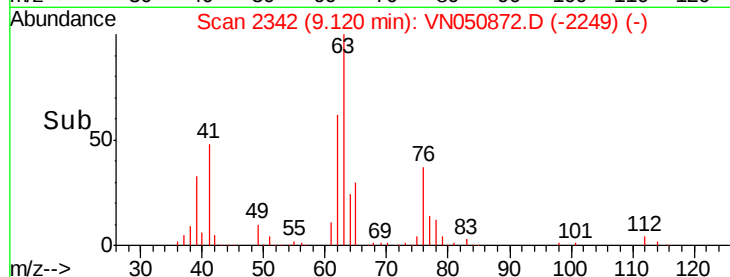
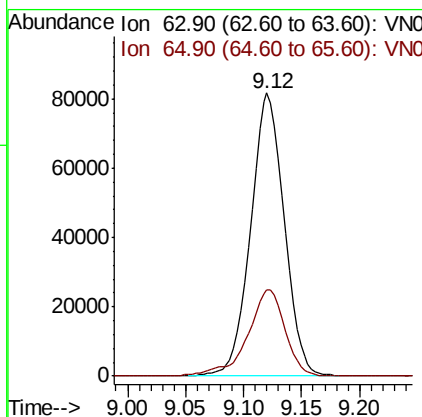
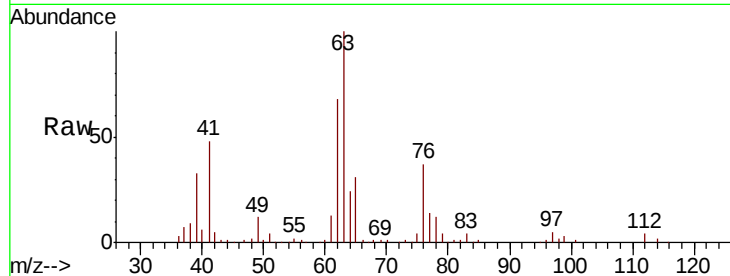
#45
 1,2-Dichloropropane
 Concen: 18.940 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion: 63 Resp: 164965
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6

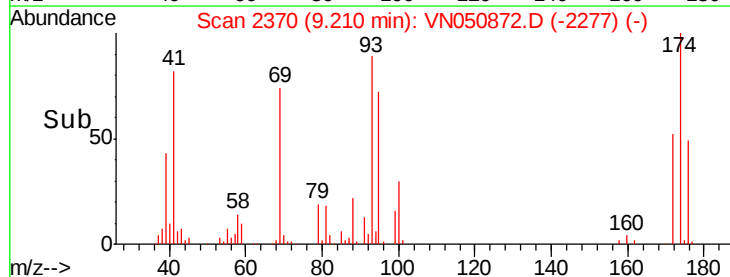
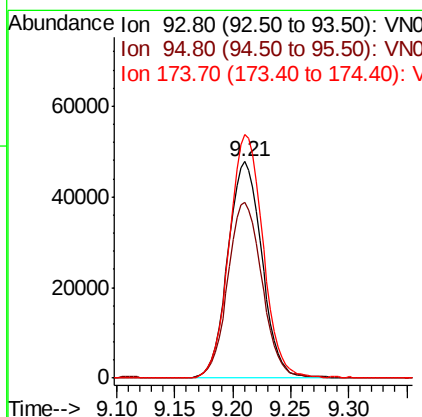
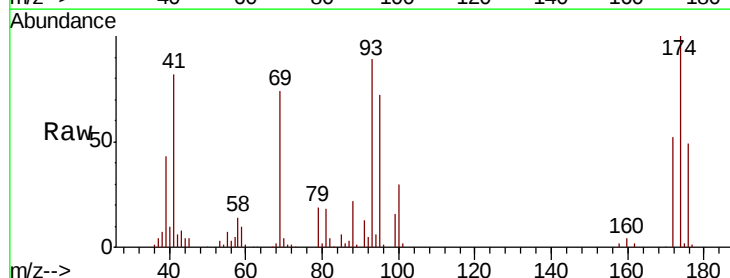
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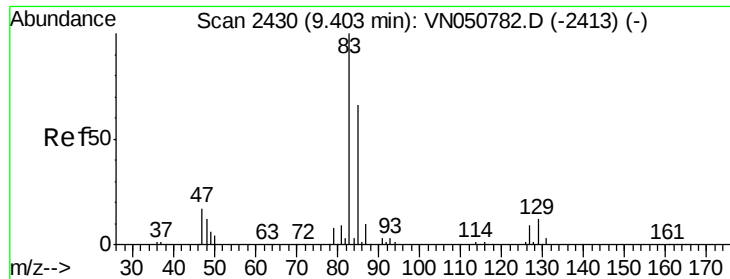
MMDadoda
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#46
 Dibromomethane
 Concen: 19.098 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 93 Resp: 97733
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.7 100.1
 174 111.4 89.8 134.6





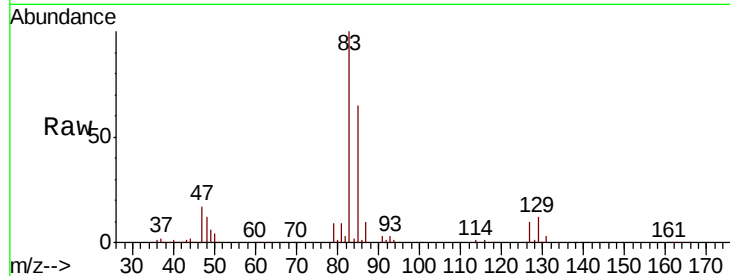
#47
 Bromodichloromethane
 Concen: 18.907 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

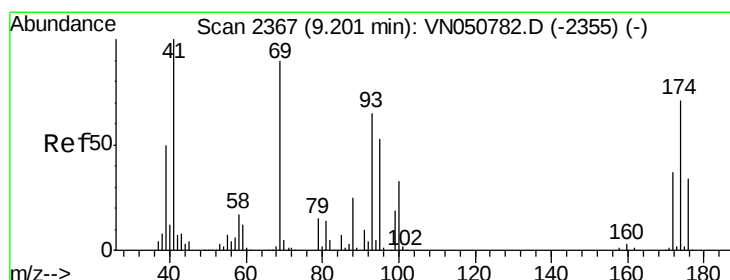
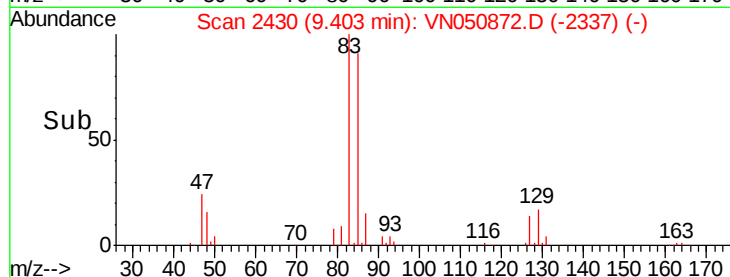
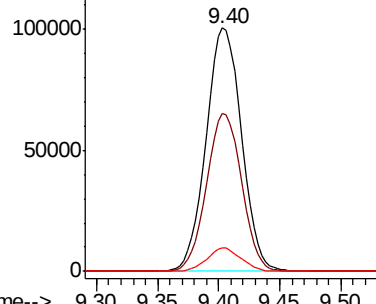
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	202661		
85	64.6	52.6	78.8	
127	9.7	7.2	10.8	

Manual Integrations
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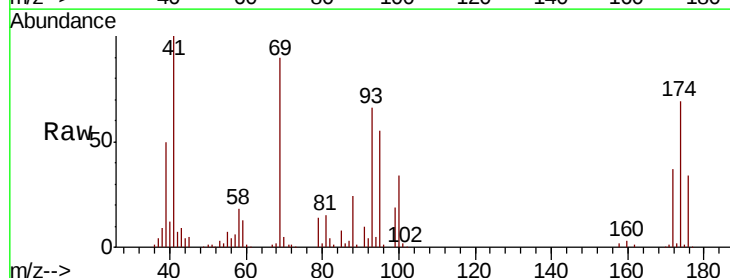


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

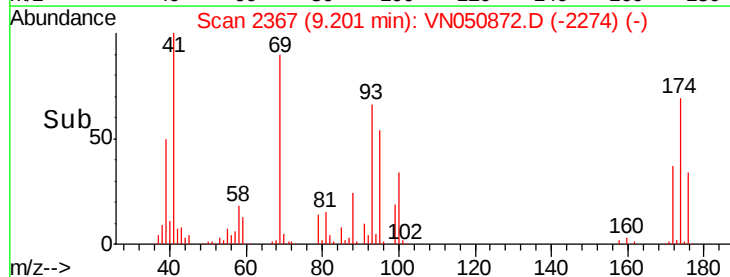
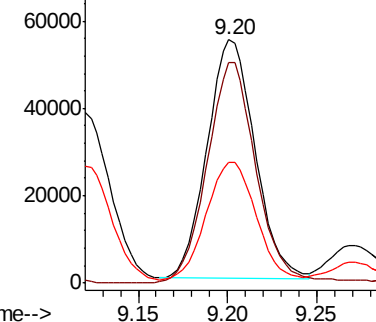


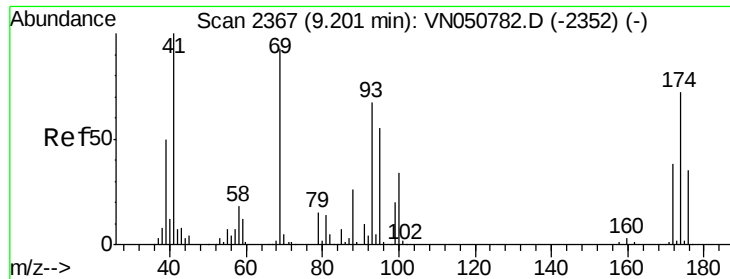
#48
 Methyl methacrylate
 Concen: 18.531 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	102507		
69	96.0	74.7	112.1	
39	53.5	42.2	63.2	



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





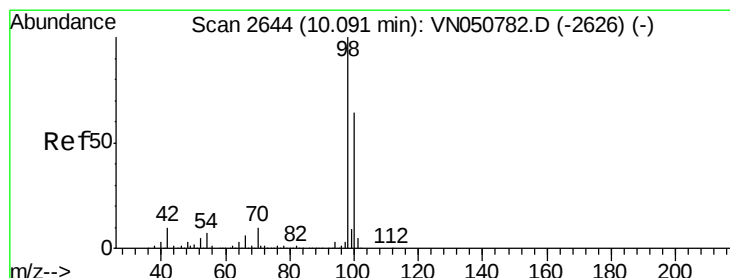
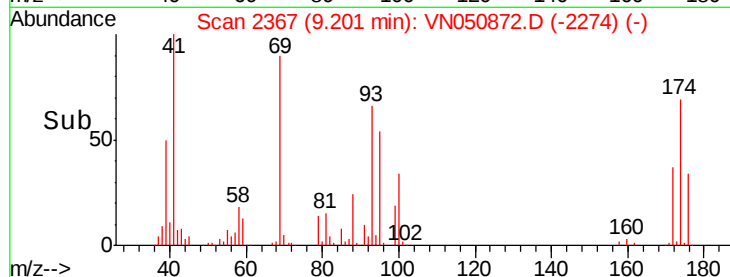
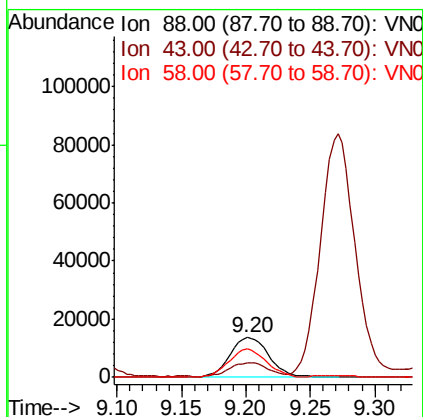
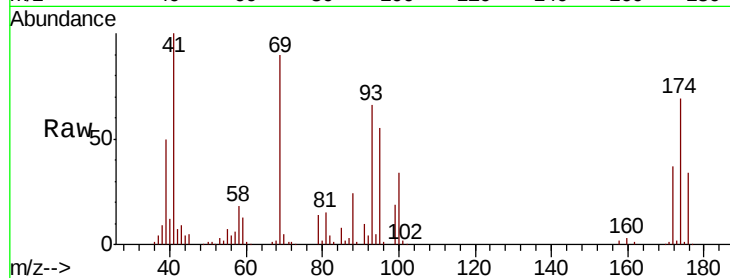
#49
 1,4-Dioxane
 Concen: 387.496 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.9	38.9
58	68.8	55.0	82.4

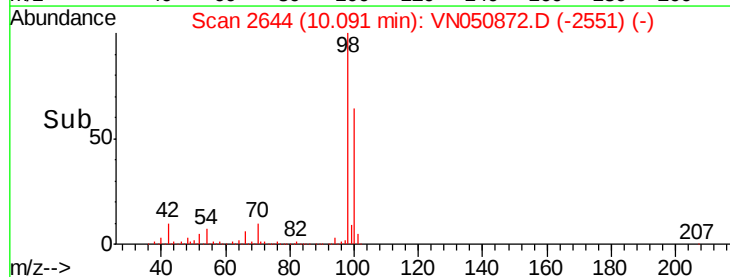
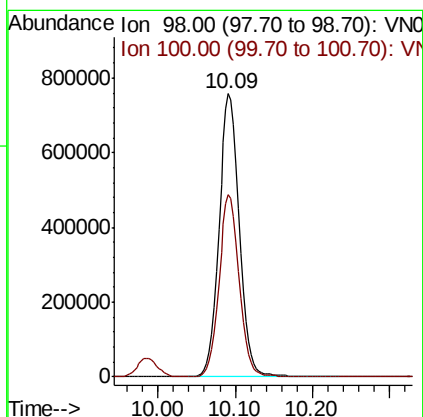
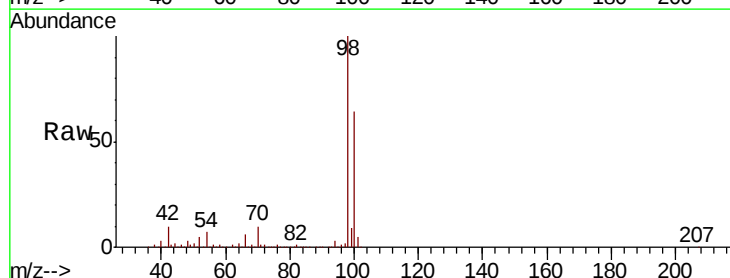
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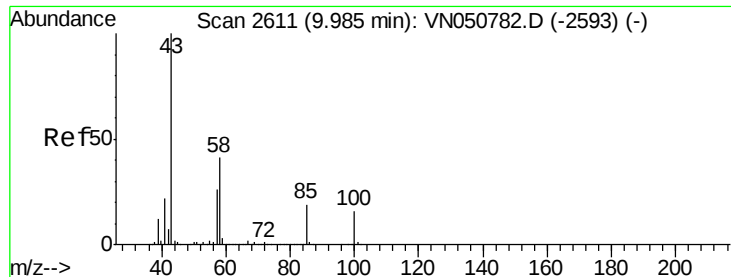
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#50
 Toluene-d8
 Concen: 50.101 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3





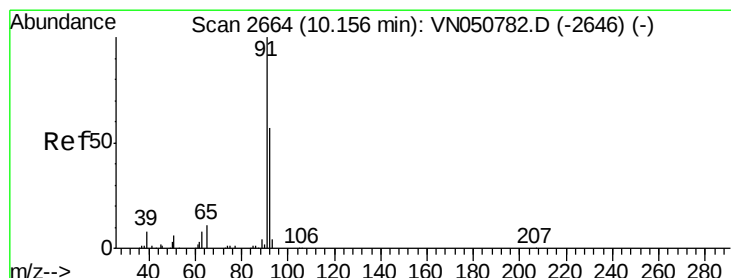
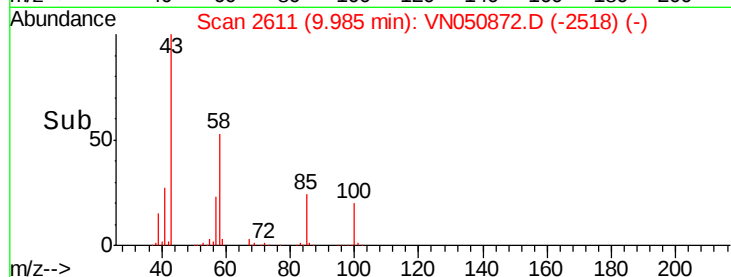
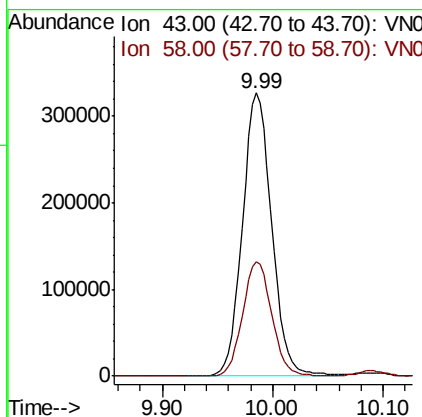
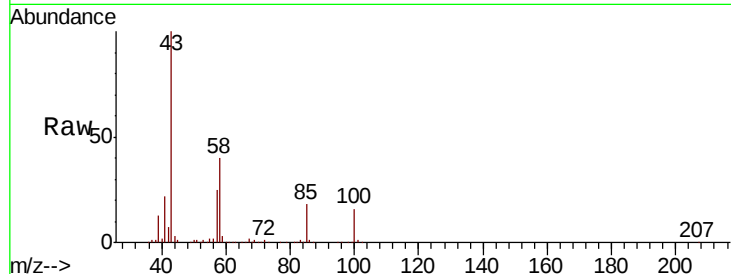
#51
 4-Methyl-2-Pentanone
 Concen: 92.127 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion: 43 Resp: 596732
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.4 48.6

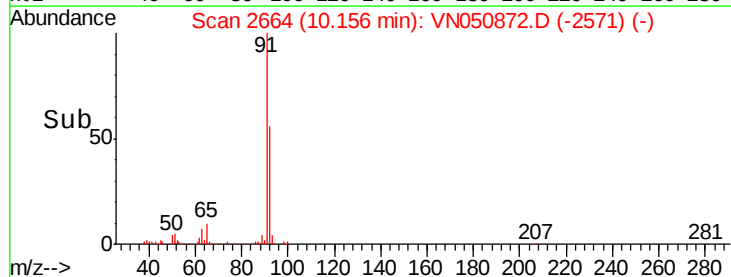
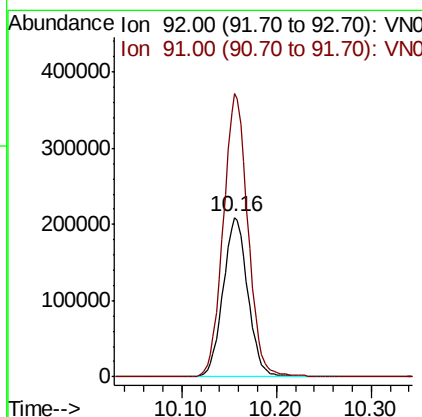
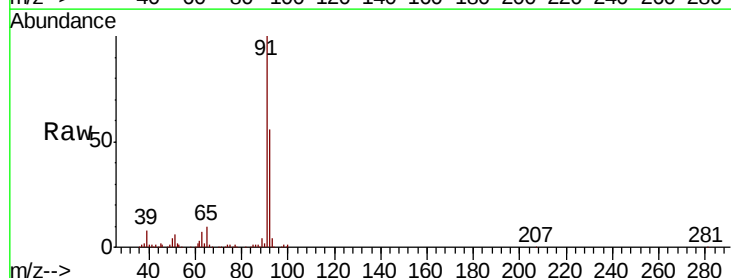
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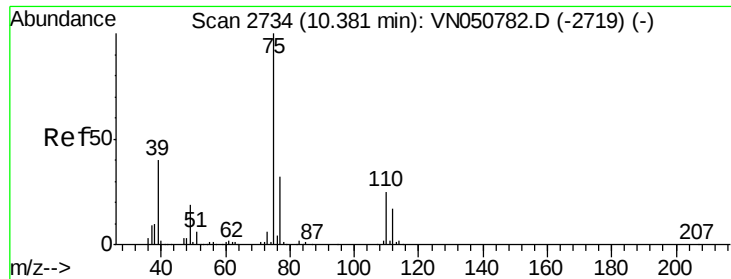
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 8/25/2018 1:18:49 PM



#52
 Toluene
 Concen: 19.434 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 92 Resp: 381521
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.6 211.0





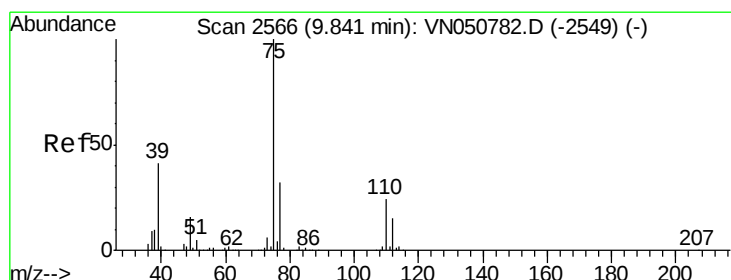
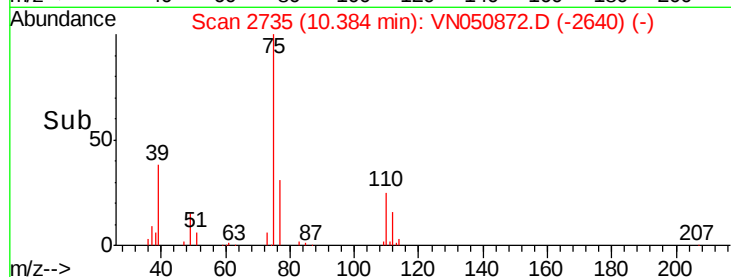
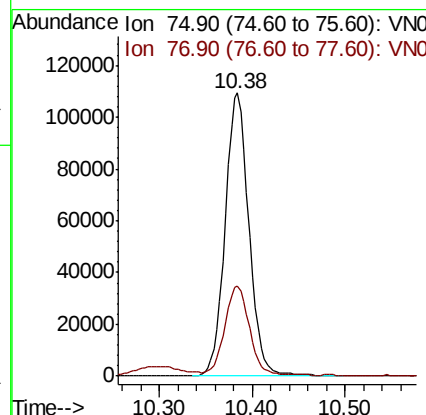
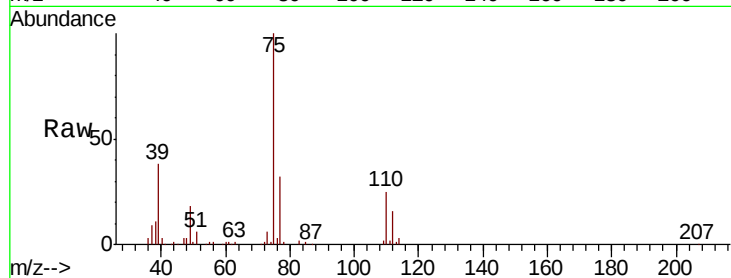
#53
t-1,3-Dichloropropene
Concen: 18.229 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion: 75 Resp: 194489
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

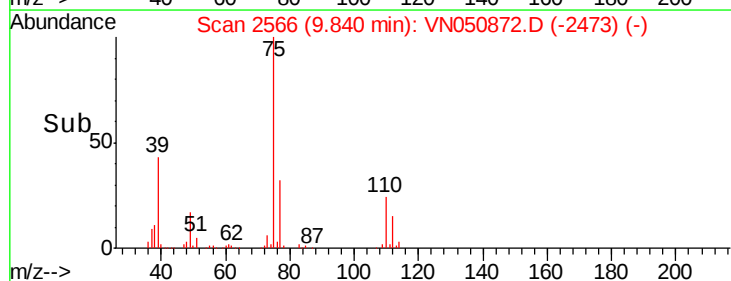
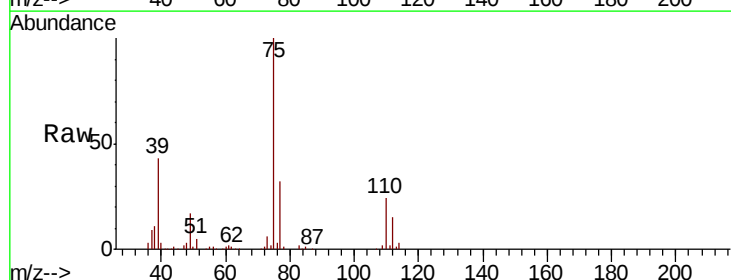
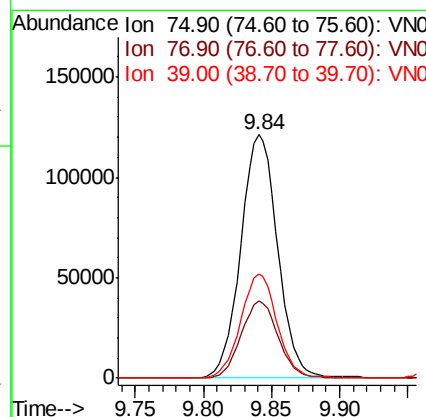
Manual Integrations
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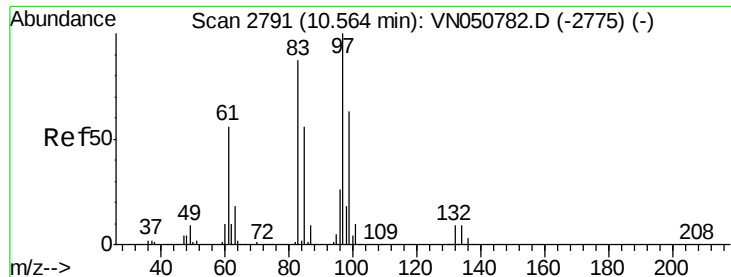
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.603 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 75 Resp: 227278
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 43.0 33.0 49.4





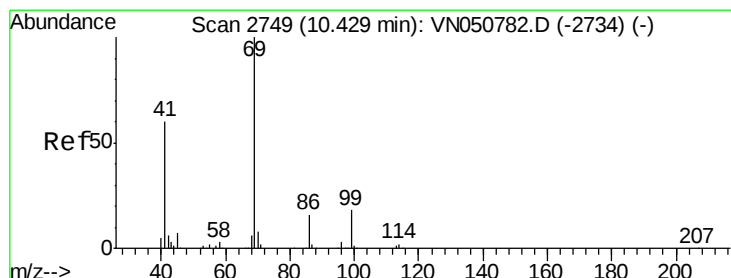
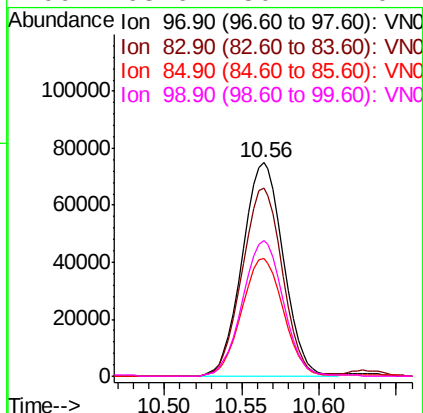
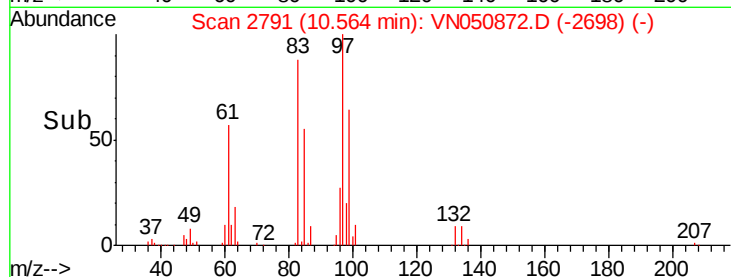
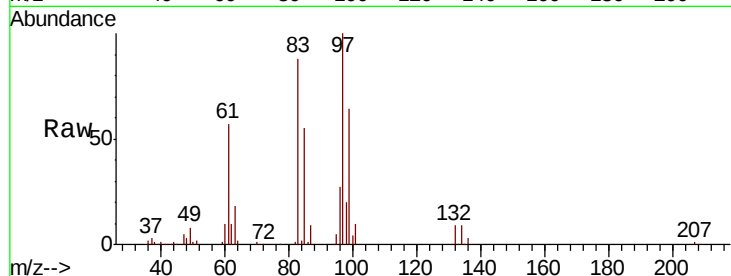
#55
 1,1,2-Trichloroethane
 Concen: 19.051 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	55.4	44.5	66.7
99	63.6	50.7	76.1

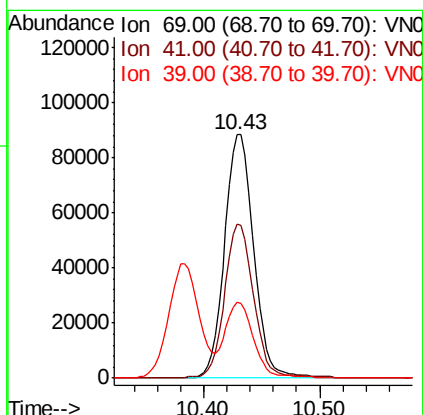
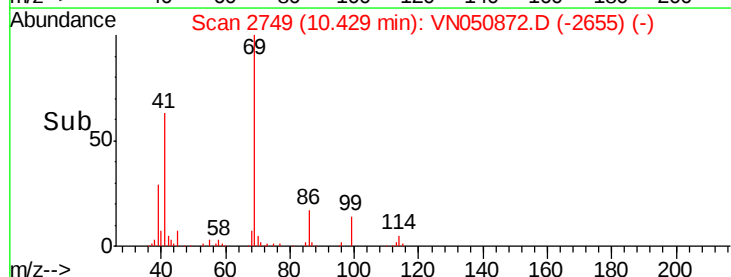
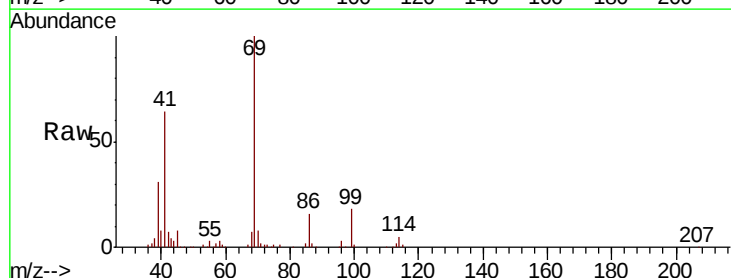
Manual Integrations
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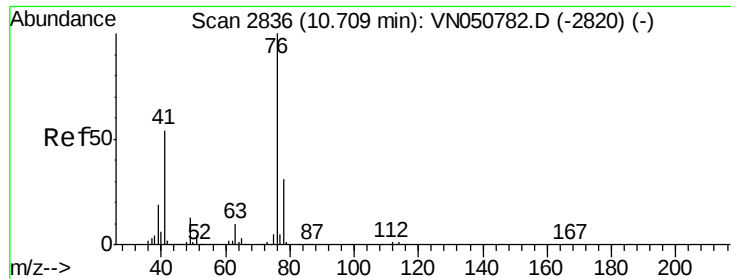
MMDadoda
 8/25/2018 1:18:49 PM



#56
 Ethyl methacrylate
 Concen: 17.894 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	48.3	72.5
39	30.3	24.0	36.0





#57

1,3-Dichloropropane

Concen: 19.108 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 76 Resp: 229807

Ion Ratio Lower Upper

76 100

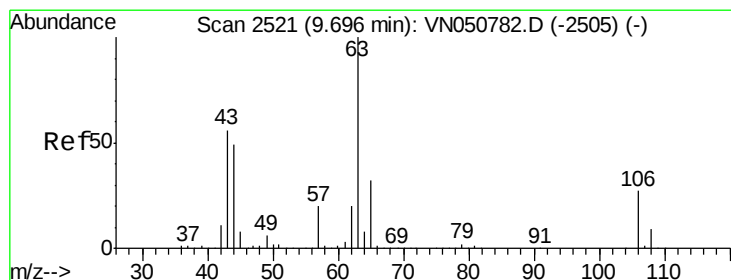
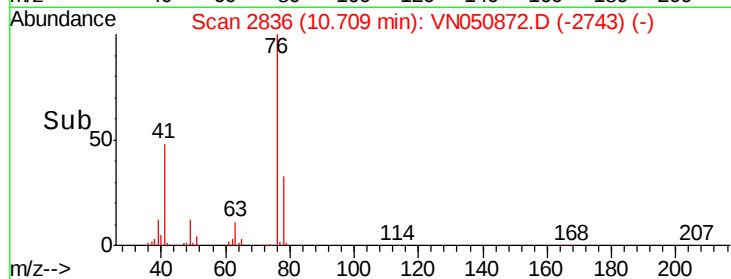
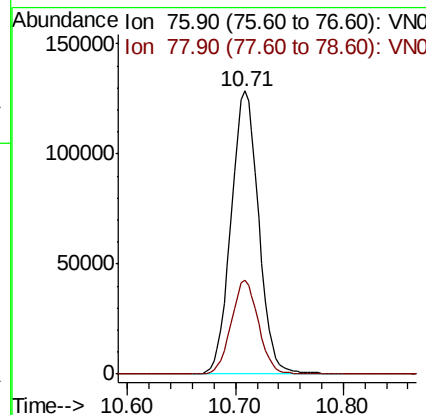
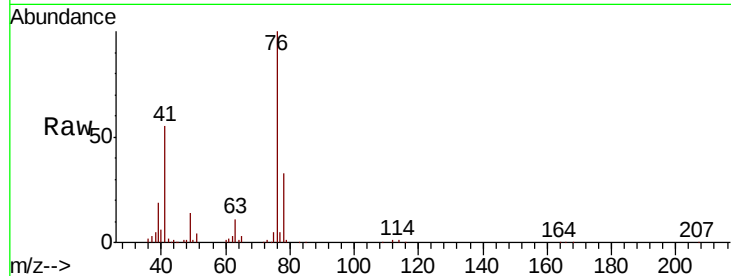
78 32.8 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 92.441 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050872.D

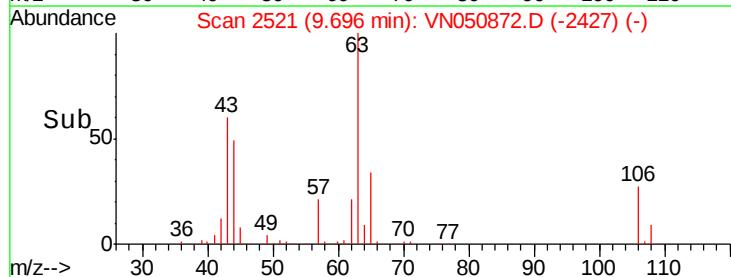
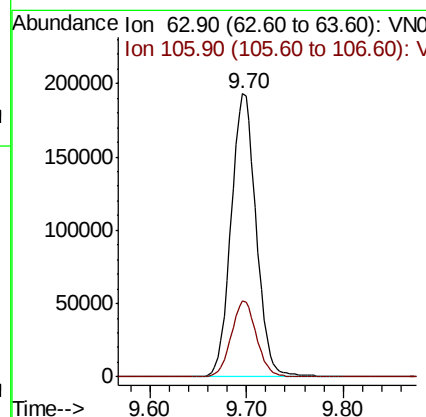
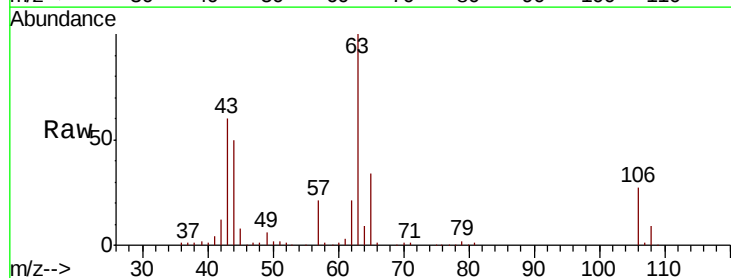
Acq: 24 Aug 2018 13:14

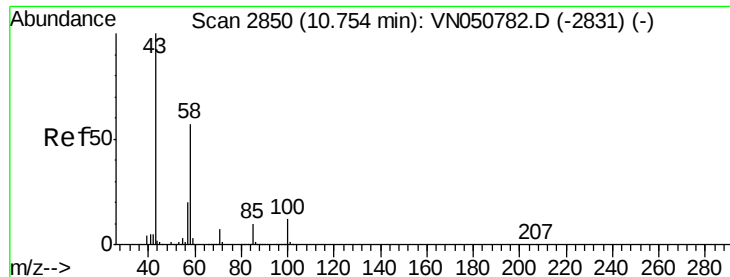
Tgt Ion: 63 Resp: 348844

Ion Ratio Lower Upper

63 100

106 27.1 21.9 32.9





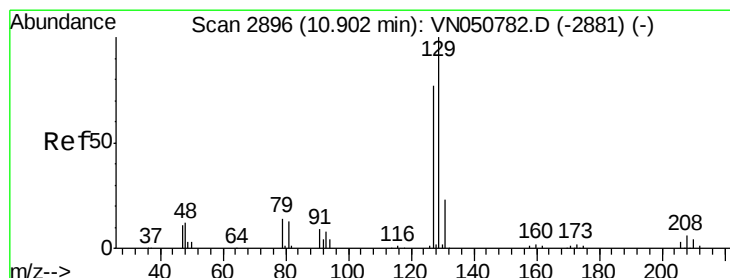
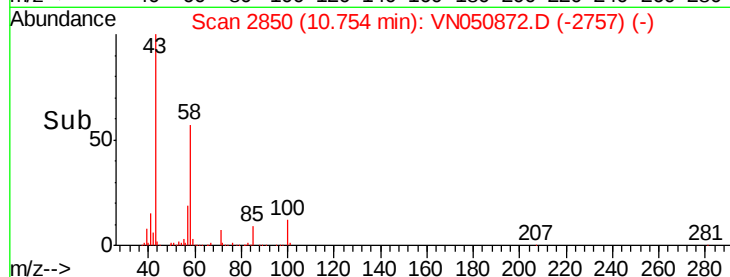
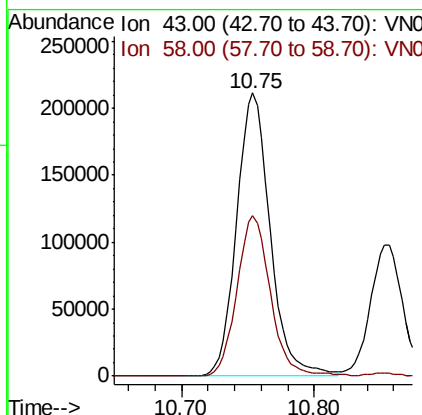
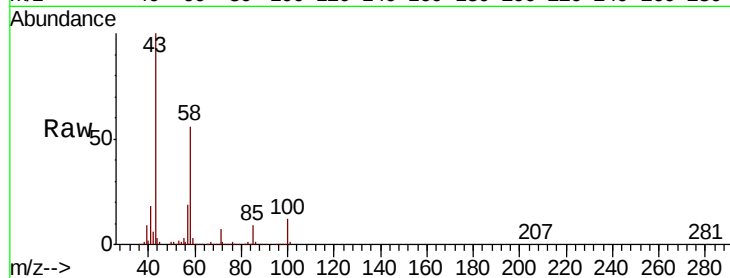
#59
2-Hexanone
Concen: 85.974 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion: 43 Resp: 370725
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0

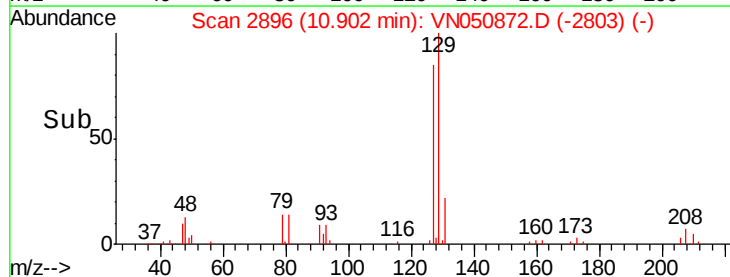
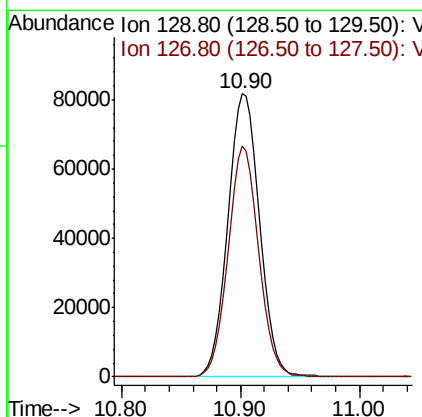
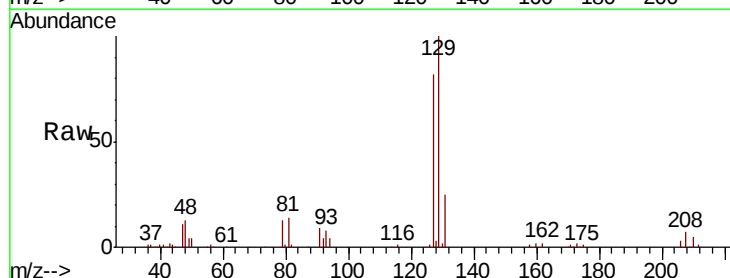
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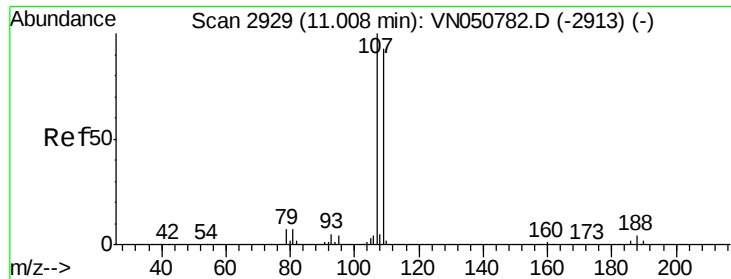
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#60
Dibromochloromethane
Concen: 18.535 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 129 Resp: 151215
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9





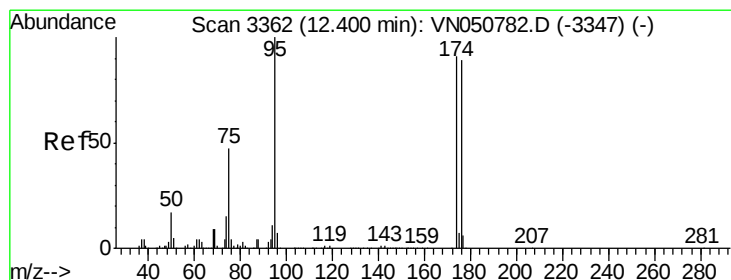
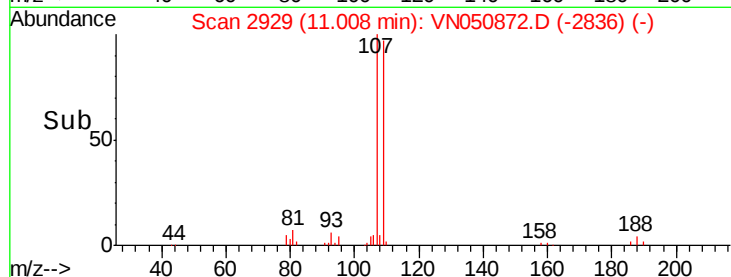
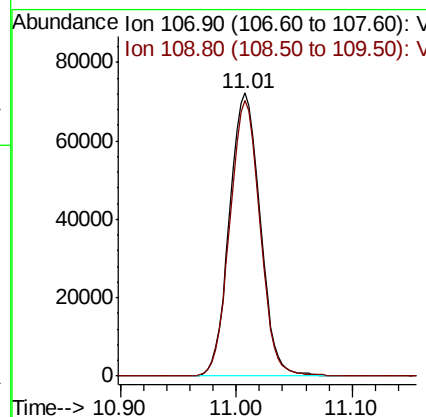
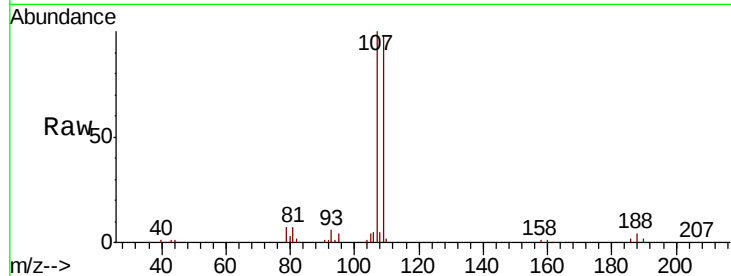
#61
1,2-Dibromoethane
Concen: 18.766 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.4	113.2

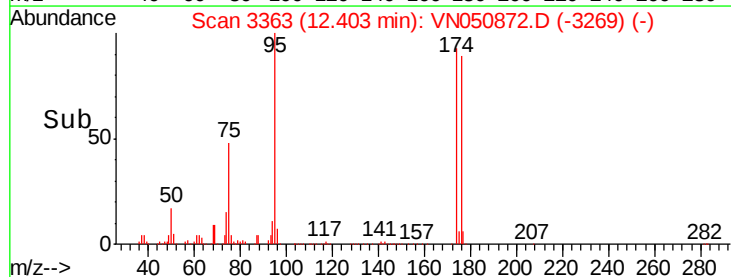
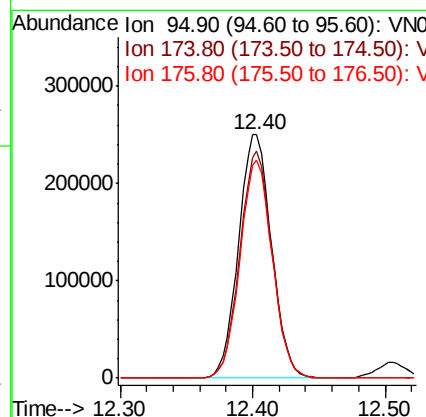
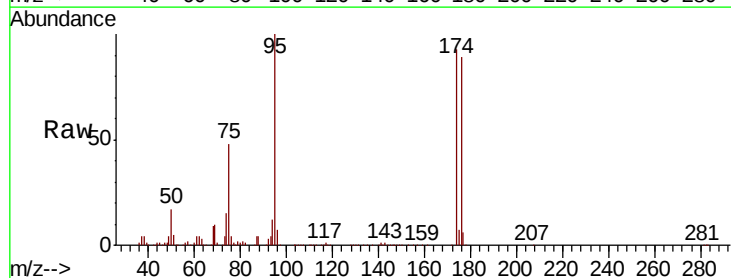
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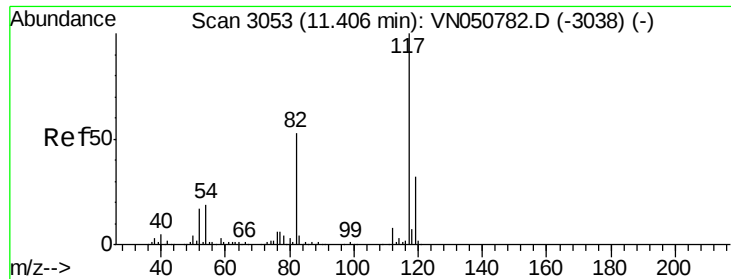
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 46.771 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	183.0
176	87.8	0.0	178.8





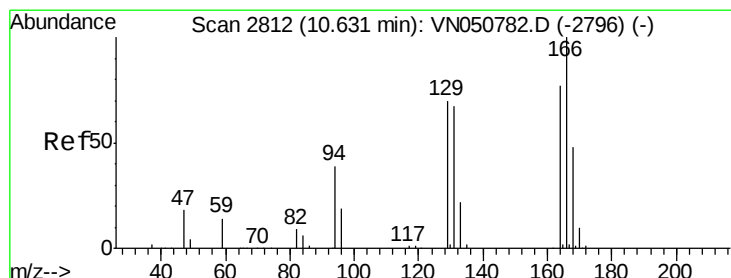
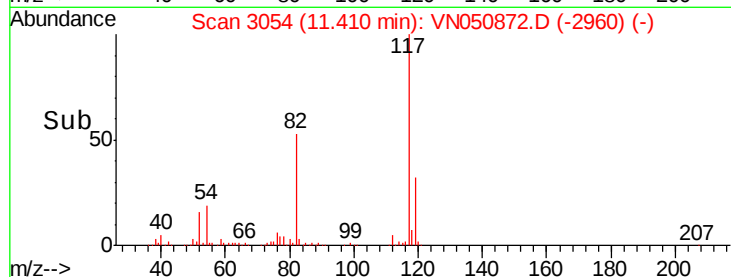
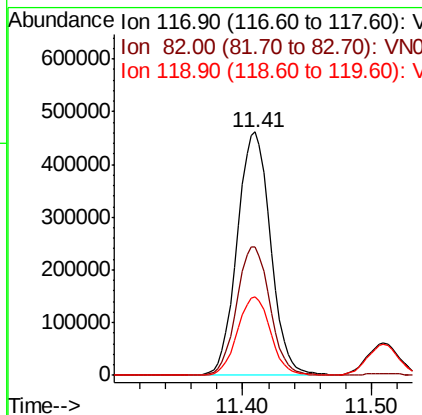
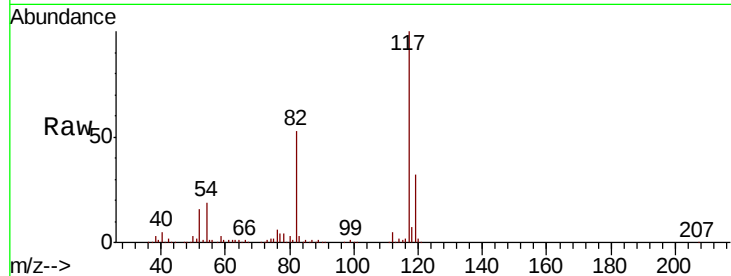
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	831342		
82	52.8	42.6	64.0	
119	32.2	25.8	38.6	

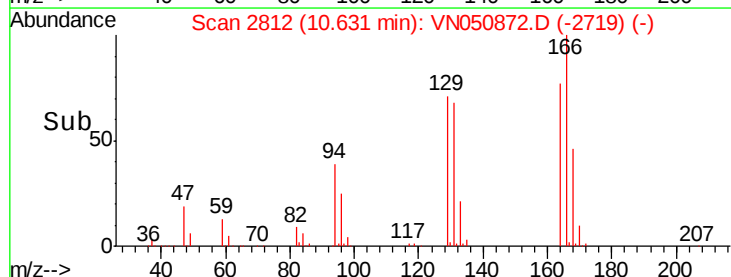
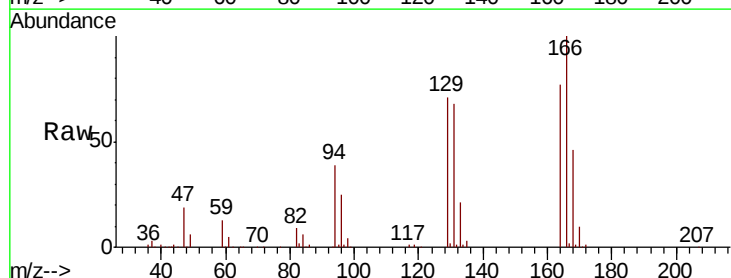
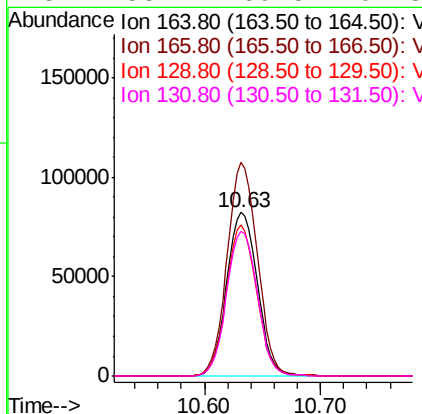
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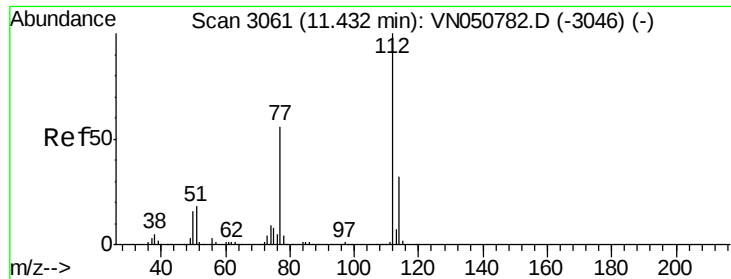
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#64
Tetrachloroethene
Concen: 19.250 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152005		
166	130.4	103.5	155.3	
129	92.4	72.7	109.1	
131	88.2	69.5	104.3	





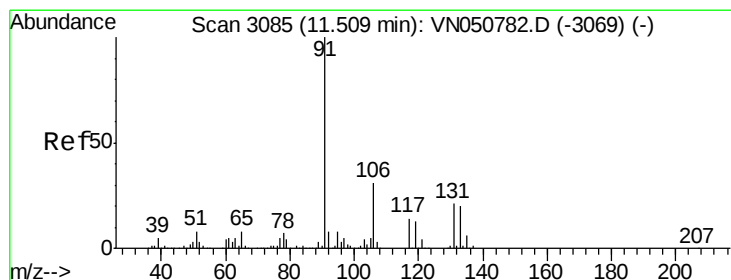
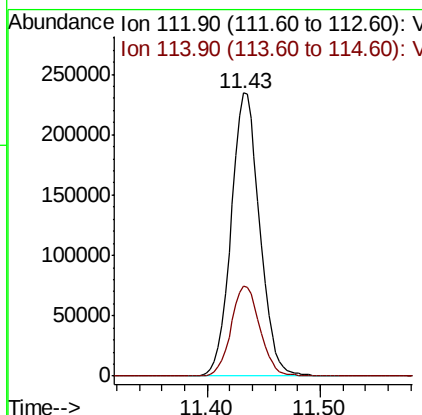
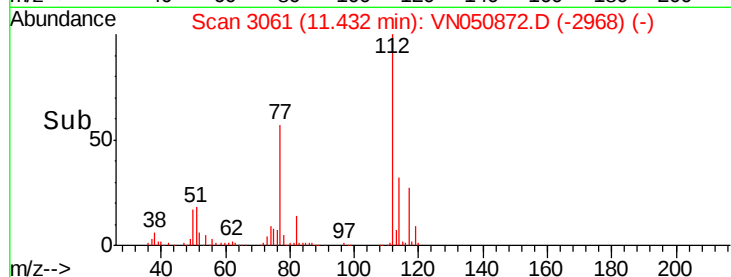
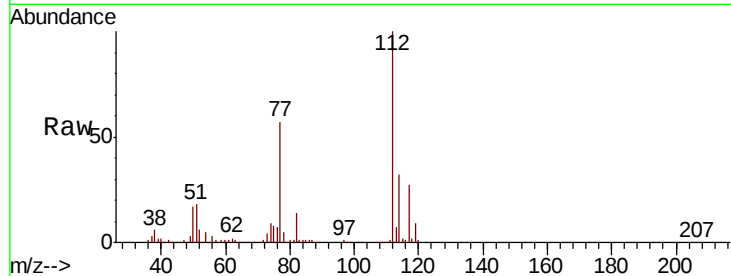
#65
Chlorobenzene
Concen: 18.944 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion:112 Resp: 411654
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

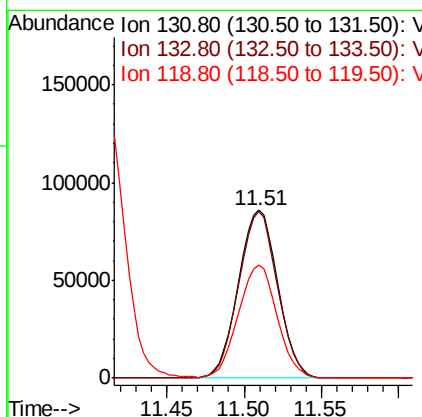
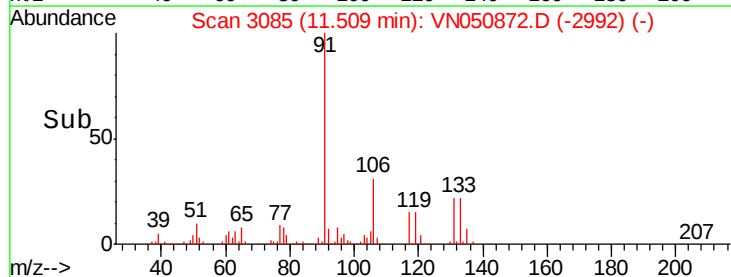
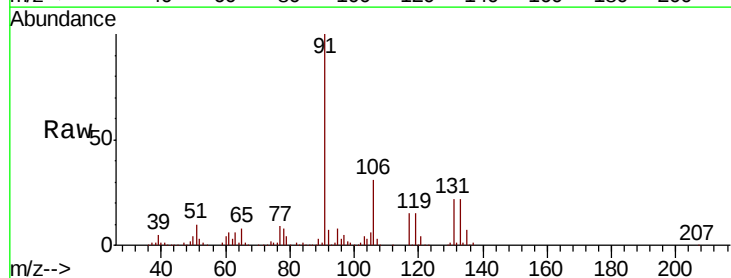
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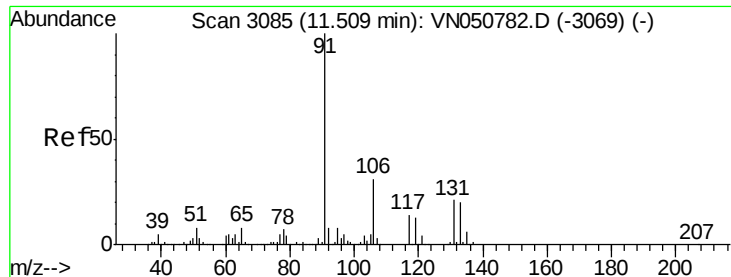
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.135 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:131 Resp: 152135
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.3
119 66.3 32.8 98.4





#67

Ethyl Benzene

Concen: 19.148 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 91 Resp: 676418

Ion Ratio Lower Upper

91 100

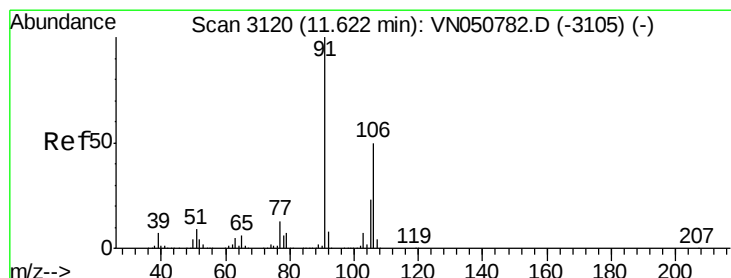
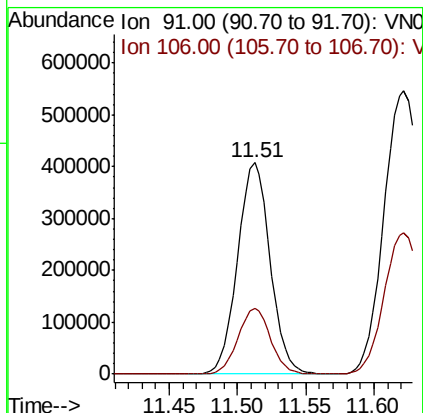
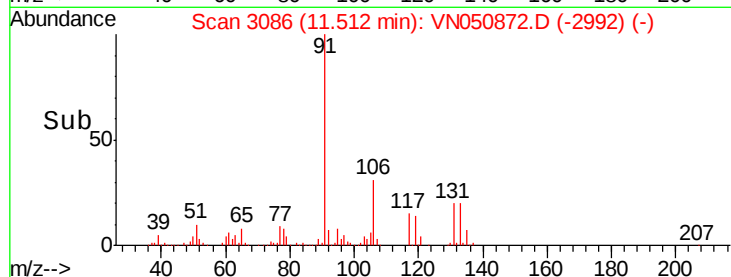
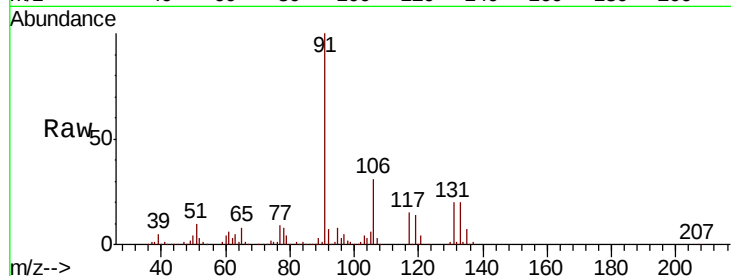
106 31.2 25.0 37.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.566 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050872.D

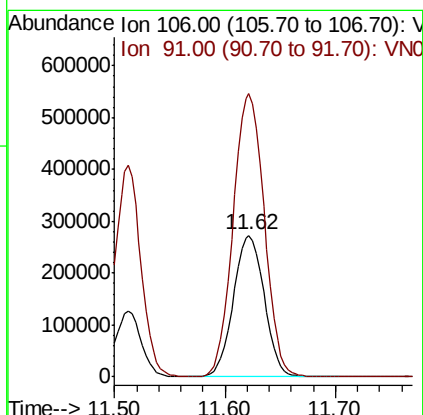
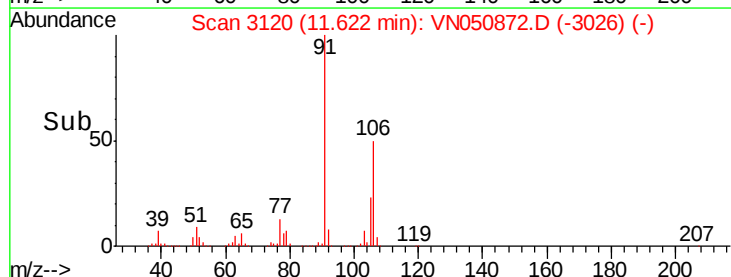
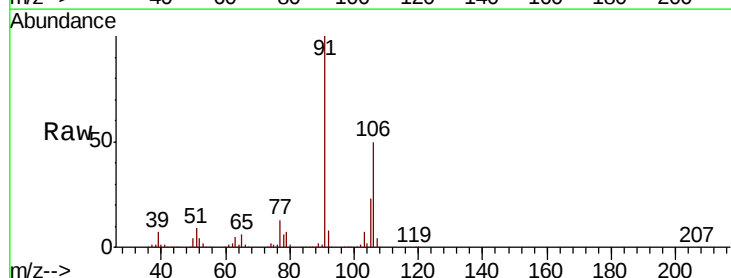
Acq: 24 Aug 2018 13:14

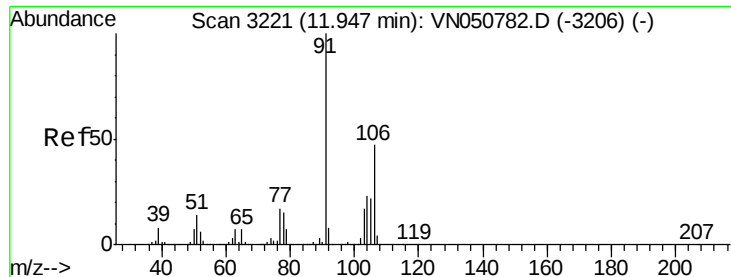
Tgt Ion: 106 Resp: 530533

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6





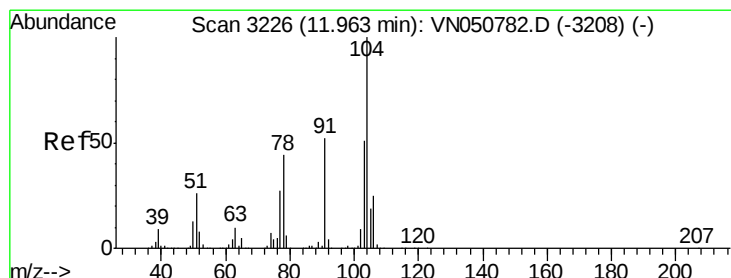
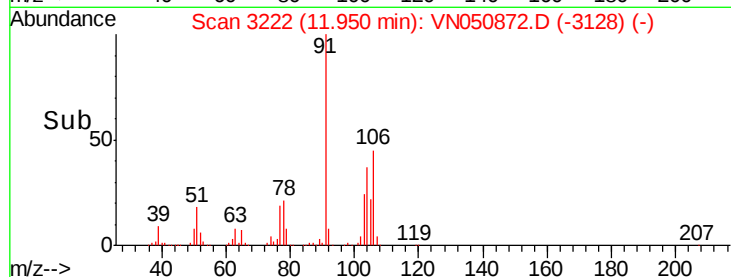
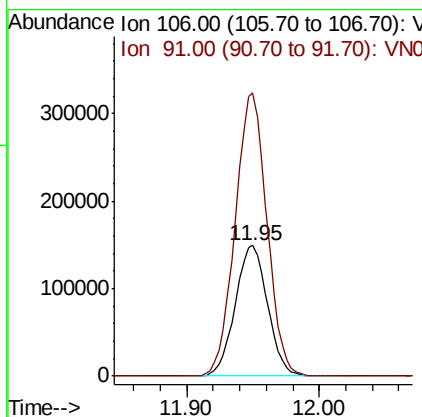
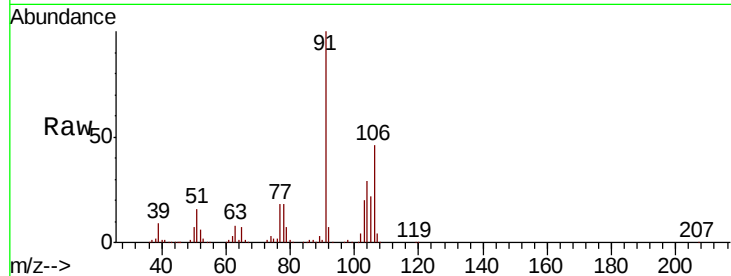
#69
o-Xylene
Concen: 19.562 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion:106 Resp: 252172
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.5

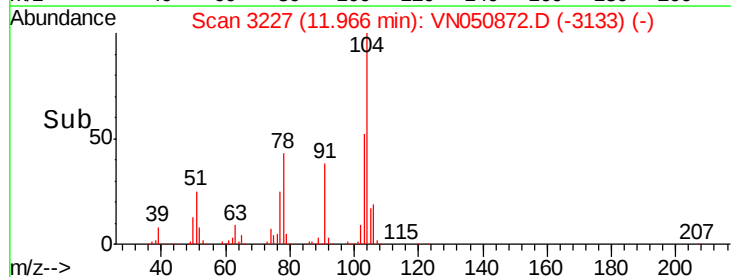
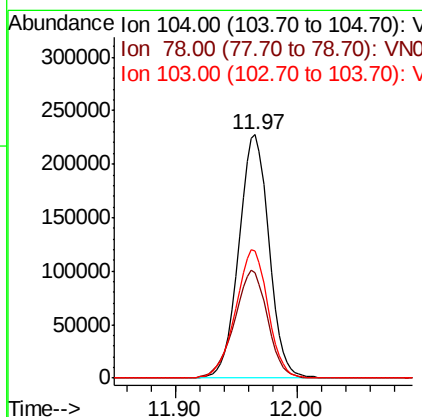
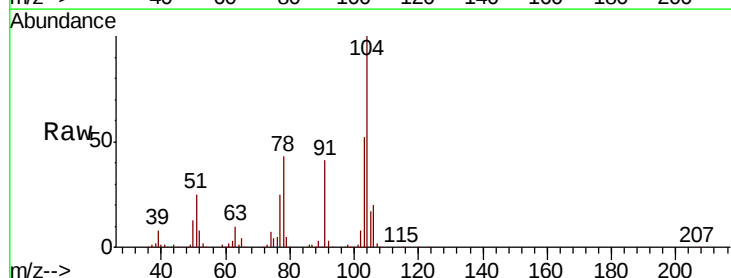
Manual Integrations
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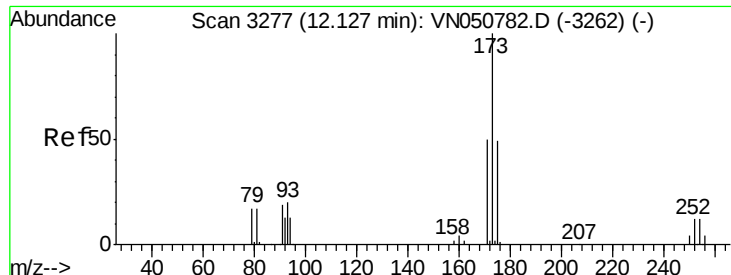
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#70
Styrene
Concen: 17.890 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:104 Resp: 387421
Ion Ratio Lower Upper
104 100
78 48.8 38.2 57.4
103 57.0 44.4 66.6





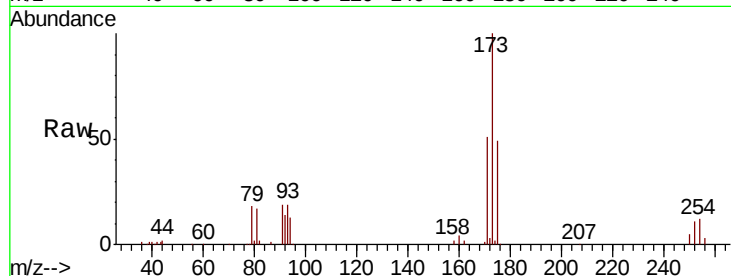
#71
Bromoform
Concen: 18.769 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	102619		
175	48.8	24.4	73.4	
254	0.0	0.1	0.1#	

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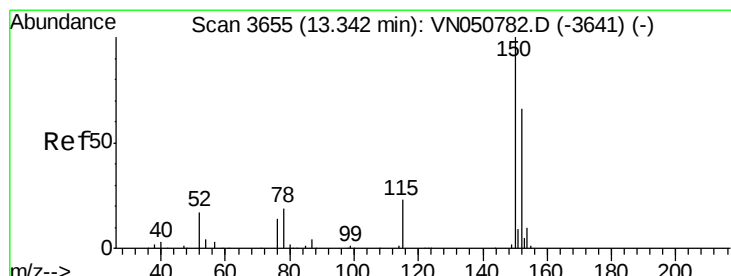
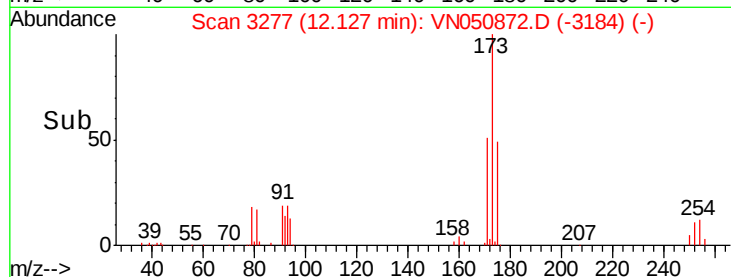
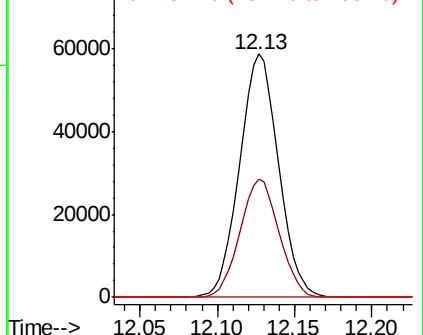


Abundance

Ion 172.70 (172.40 to 173.40): V

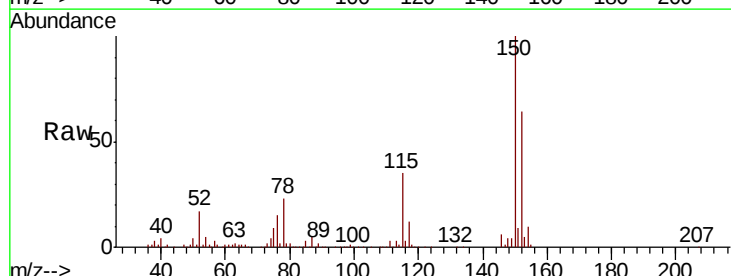
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	386675		
115	55.6	27.8	83.4	
150	162.8	0.0	351.4	

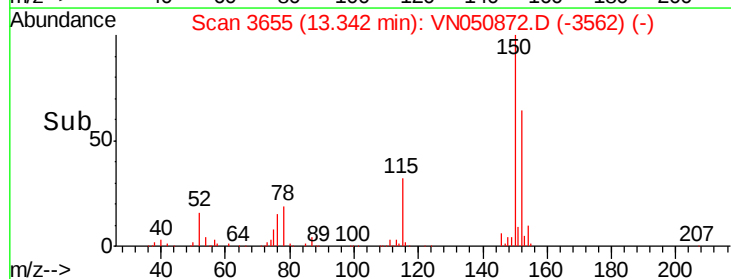
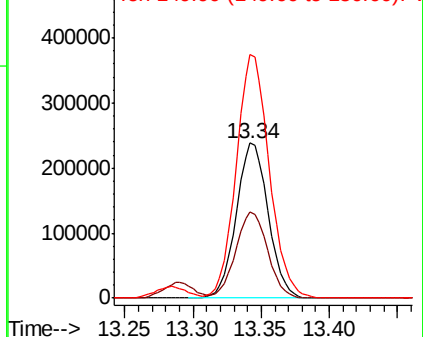


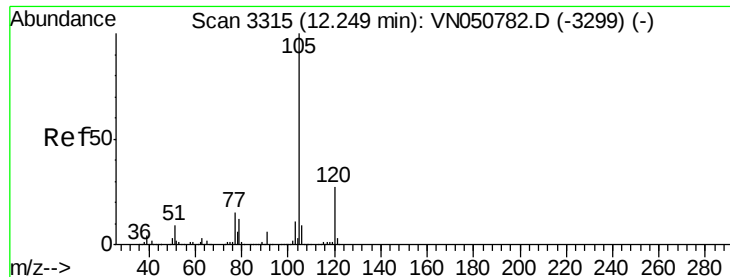
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.789 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 105 Resp: 665630

Ion Ratio Lower Upper

105 100

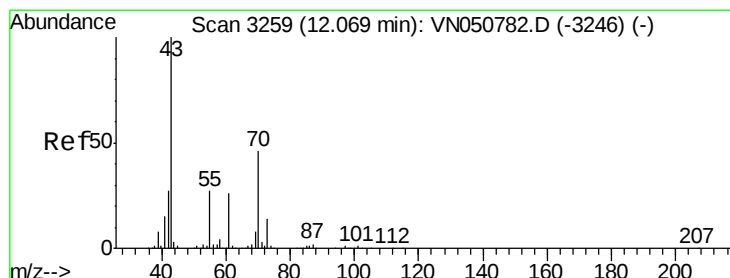
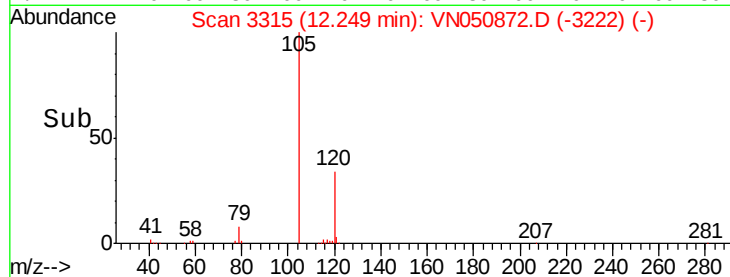
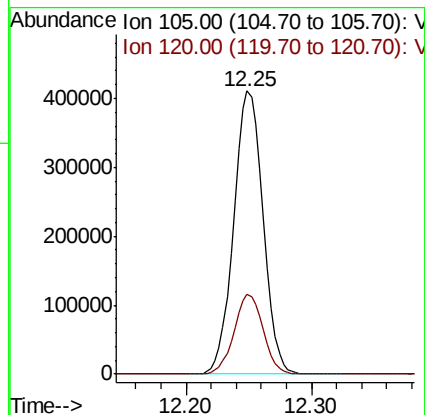
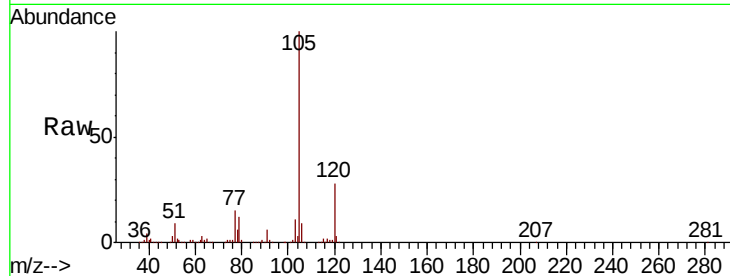
120 27.8 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.297 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion: 43 Resp: 155240

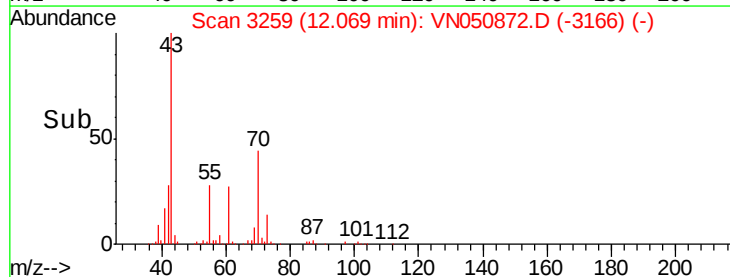
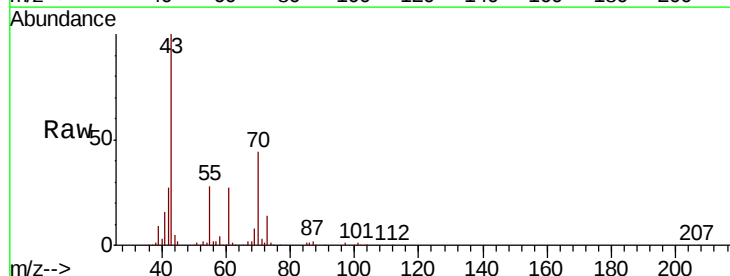
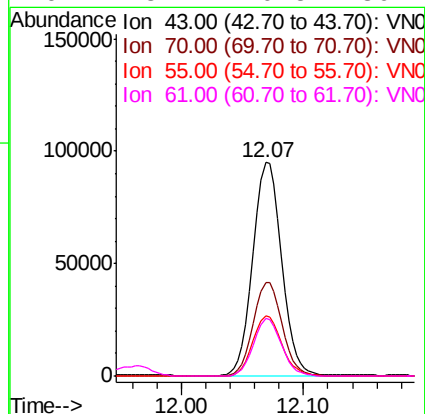
Ion Ratio Lower Upper

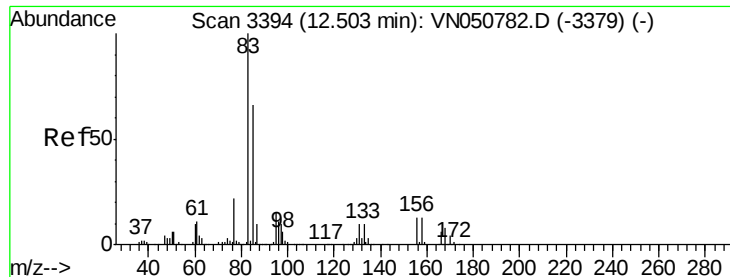
43 100

70 43.7 36.2 54.2

55 28.0 21.8 32.8

61 25.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.892 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 83 Resp: 166750
Ion Ratio Lower Upper

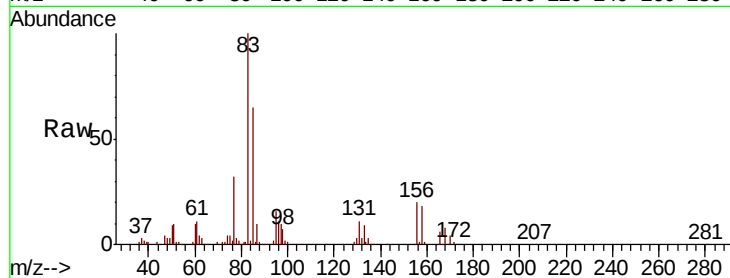
83 100

131 10.6 5.3 15.9

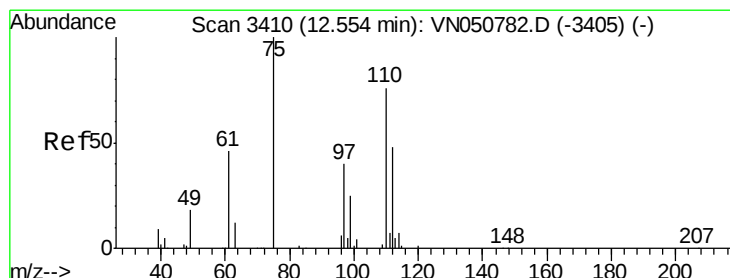
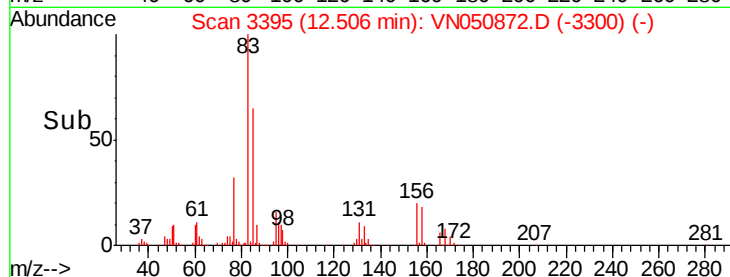
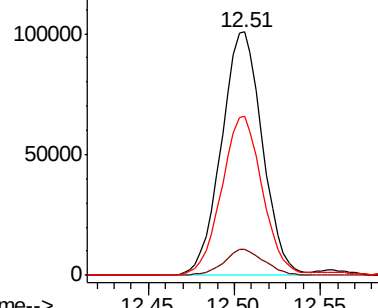
85 65.0 31.9 95.7

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 21.353 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

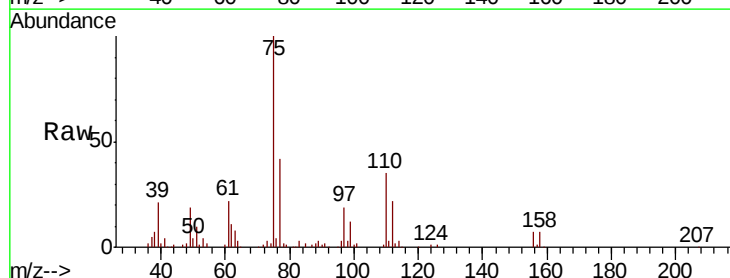
Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

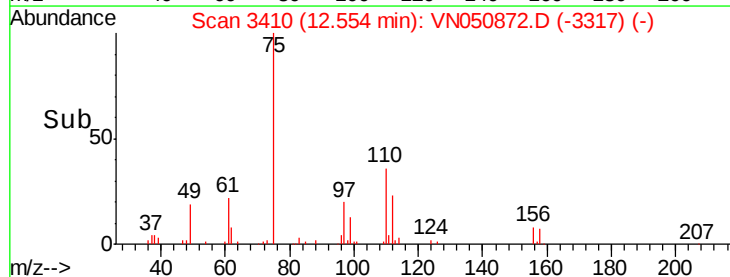
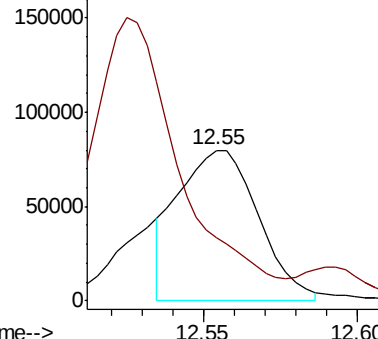
Tgt Ion: 75 Resp: 144613
Ion Ratio Lower Upper

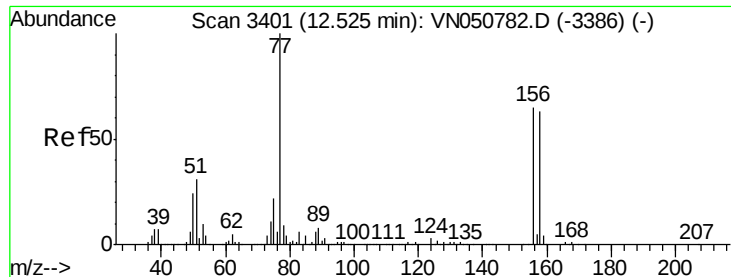
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.486 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

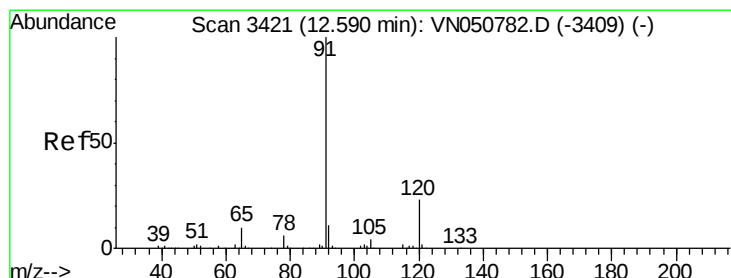
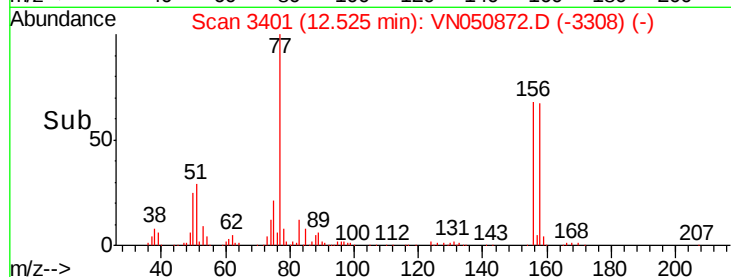
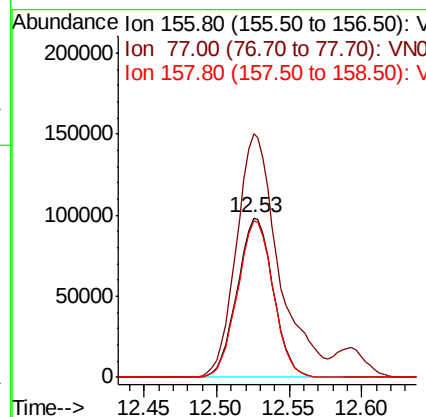
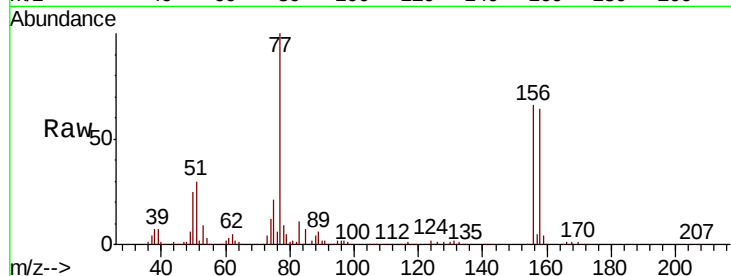
ClientSampleId :

VN0824MBSD01

Tgt Ion:	156	Resp:	169563
Ion Ratio	Lower	Upper	
156	100		
77	179.6	89.9	269.7
158	97.5	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.526 ug/l

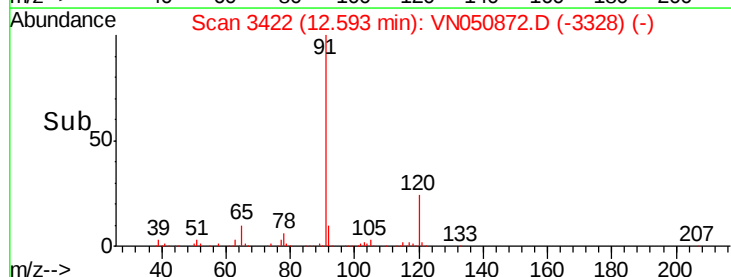
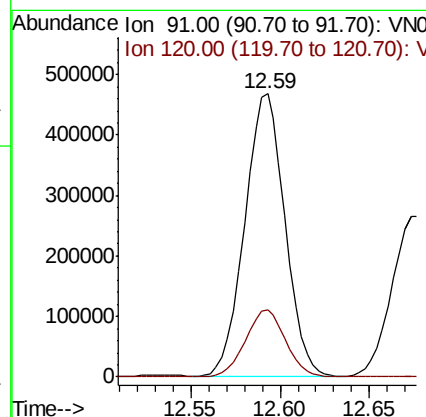
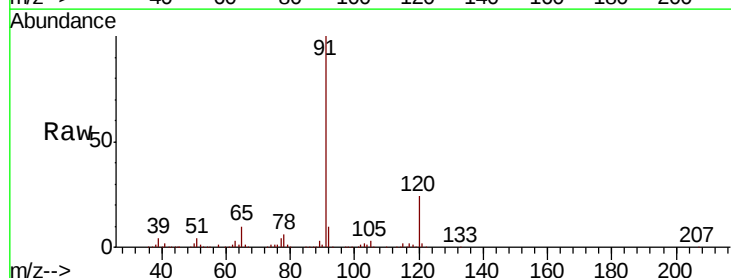
RT: 12.59 min Scan# 3422

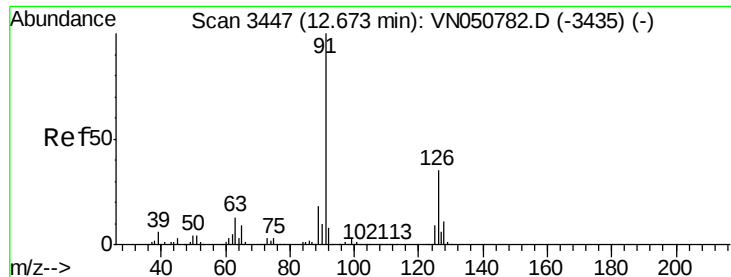
Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion:	91	Resp:	734162
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.302 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tgt Ion: 91 Resp: 452310

Ion Ratio Lower Upper

91 100

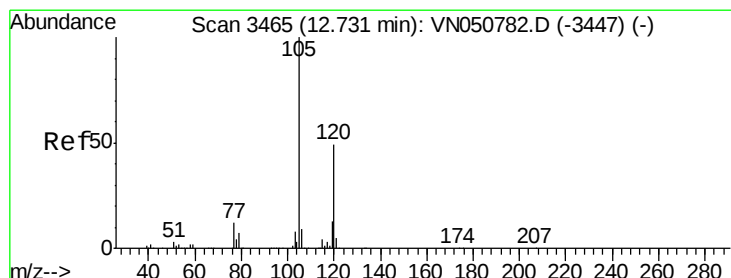
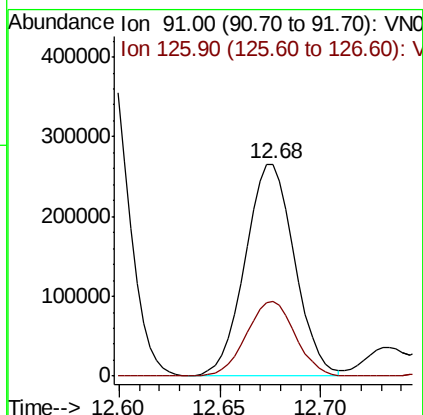
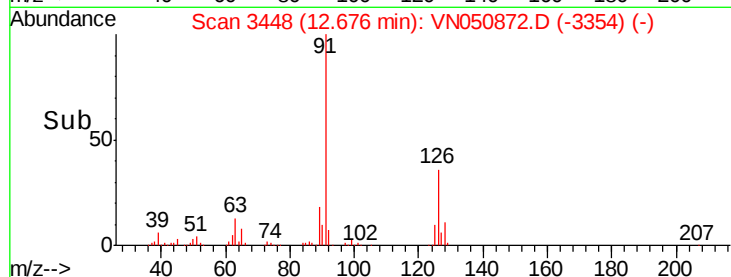
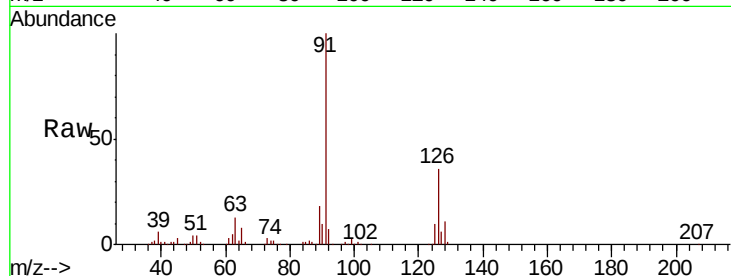
126 35.2 17.8 53.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.895 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050872.D

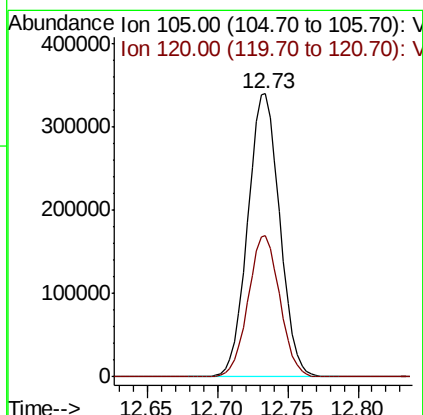
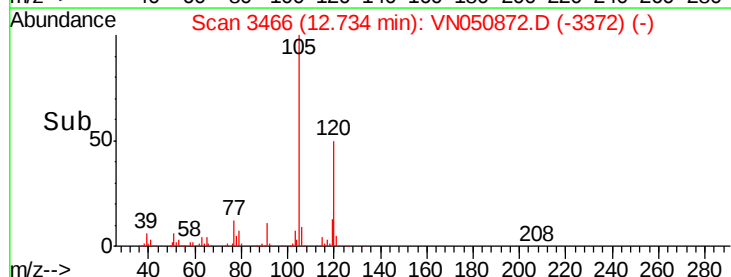
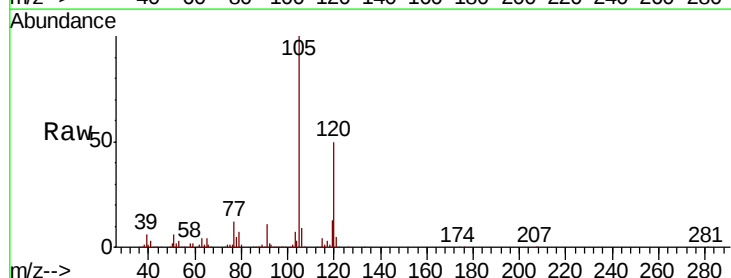
Acq: 24 Aug 2018 13:14

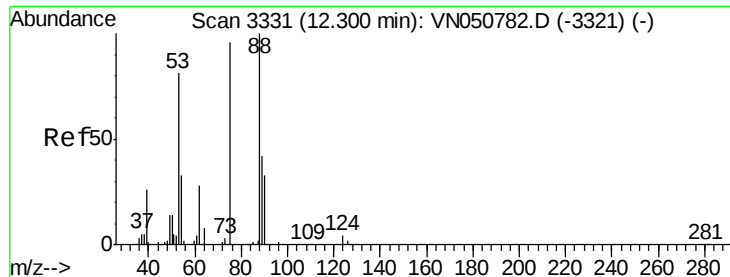
Tgt Ion: 105 Resp: 539822

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.164 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

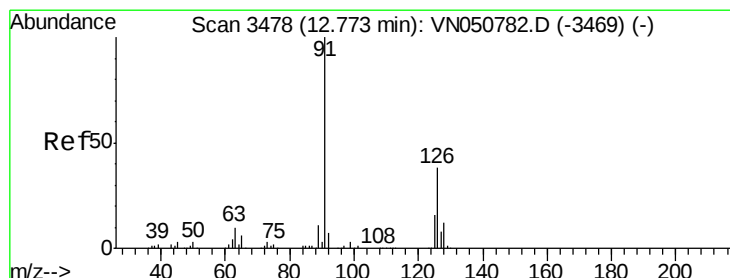
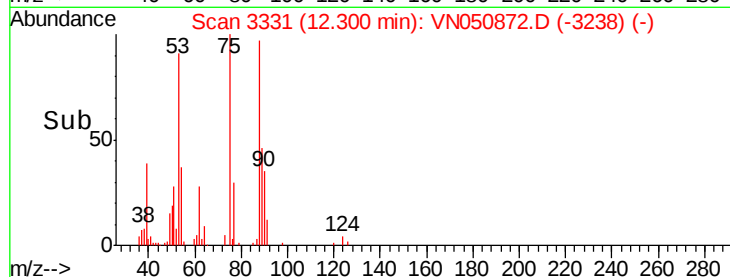
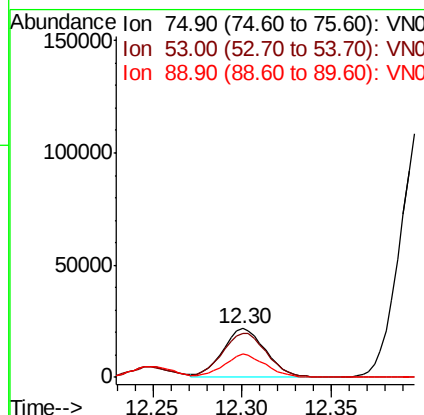
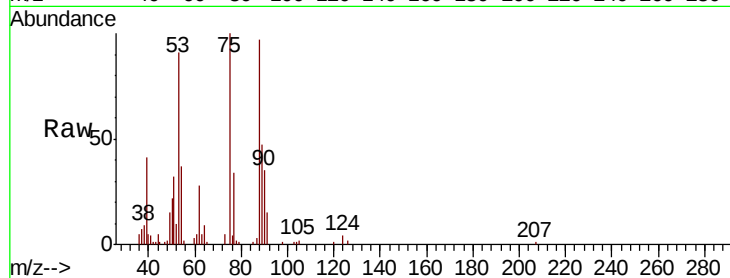
ClientSampleId :

VN0824MBSD01

Tgt Ion:	75	Resp:	36389
Ion	Ratio	Lower	Upper
75	100		
53	94.1	68.9	103.3
89	46.0	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.130 ug/l

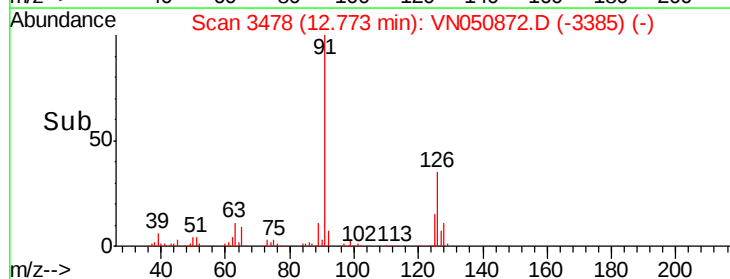
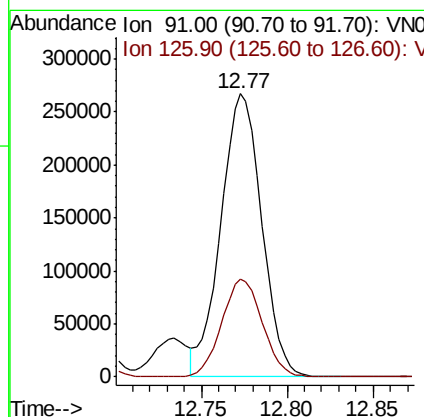
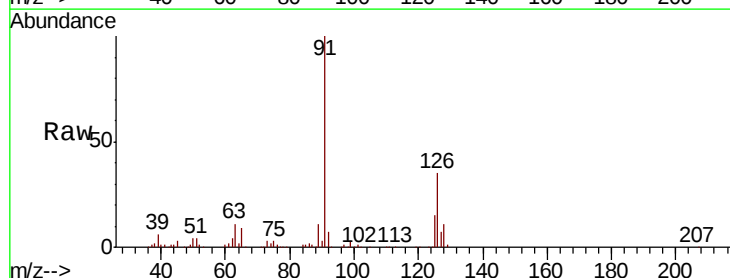
RT: 12.77 min Scan# 3478

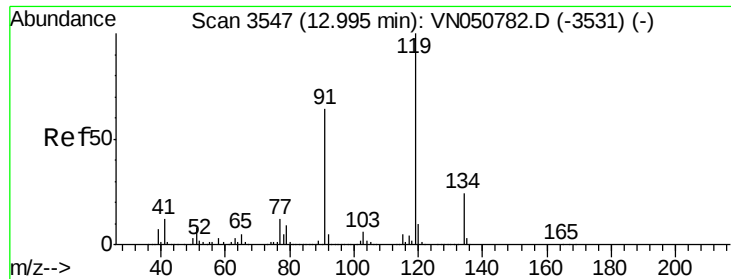
Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion:	91	Resp:	442752
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





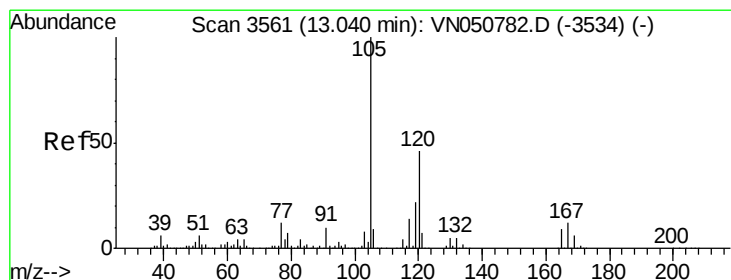
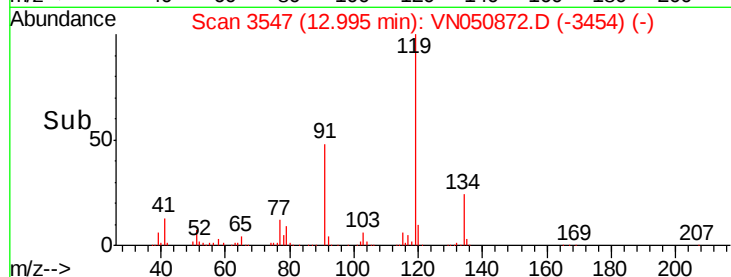
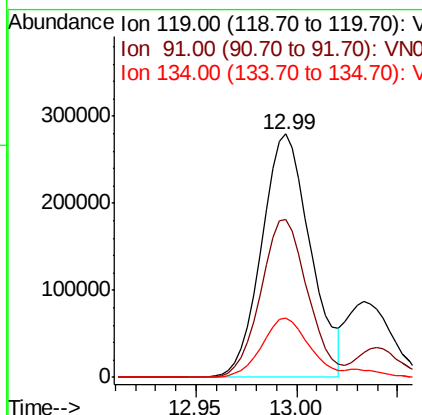
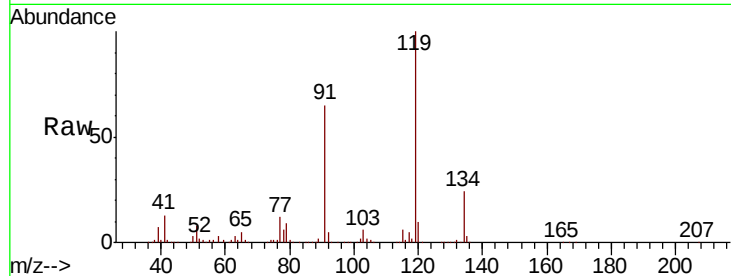
#83
 tert-Butylbenzene
 Concen: 20.976 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	469318		
91	62.8	31.6	94.7	
134	24.0	13.4	40.1	

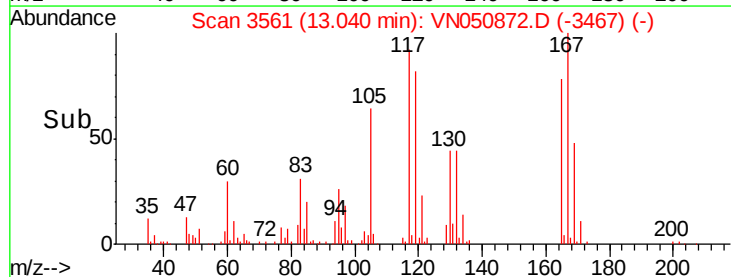
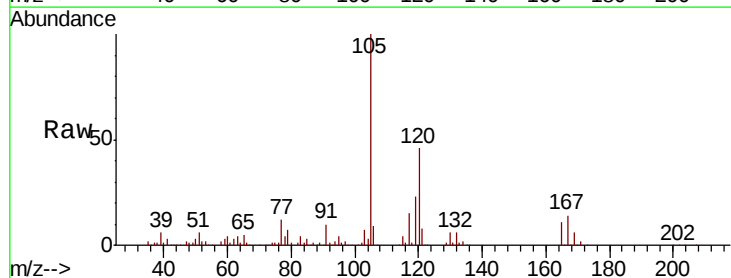
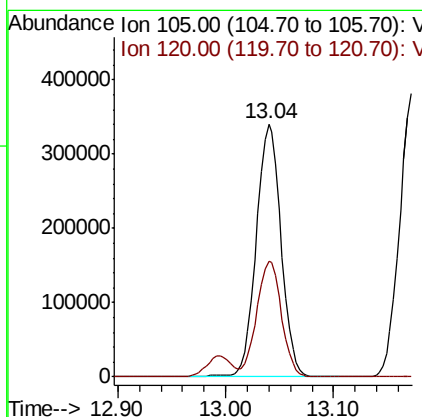
Manual Integrations
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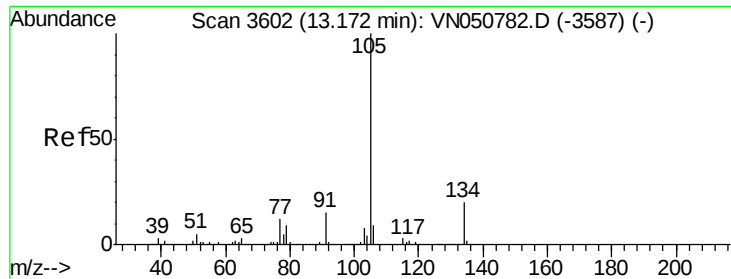
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.832 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	541357		
120	46.0	22.9	68.8	





#85

sec-Butylbenzene

Concen: 20.684 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

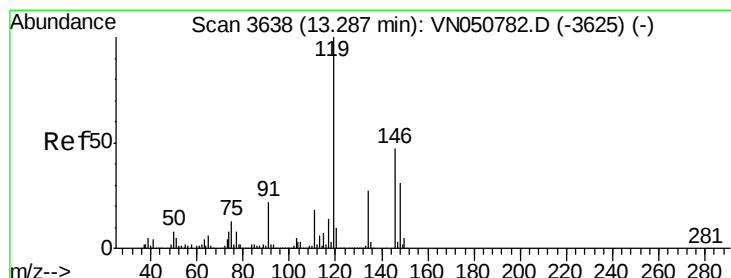
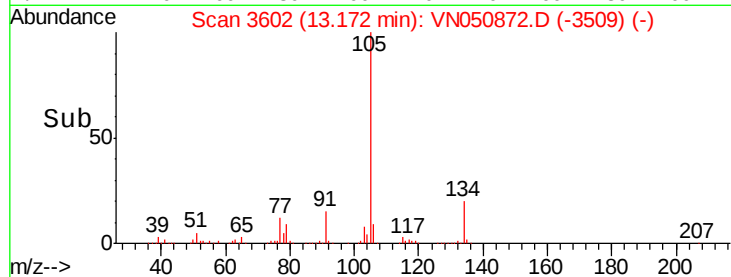
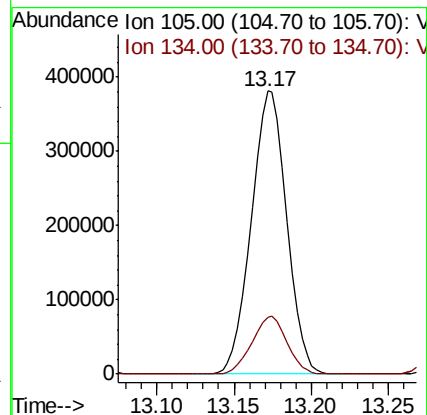
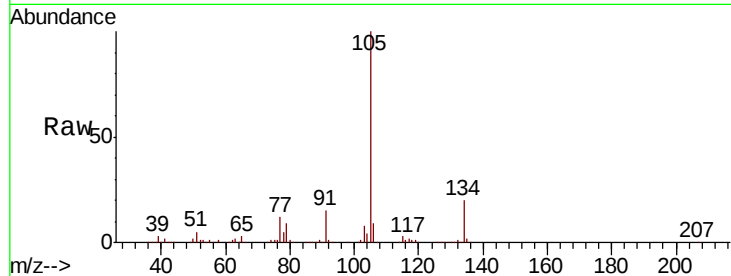
Tgt Ion:105 Resp: 606425
Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.467 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050872.D

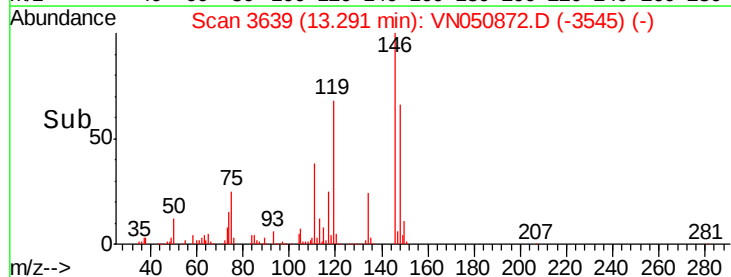
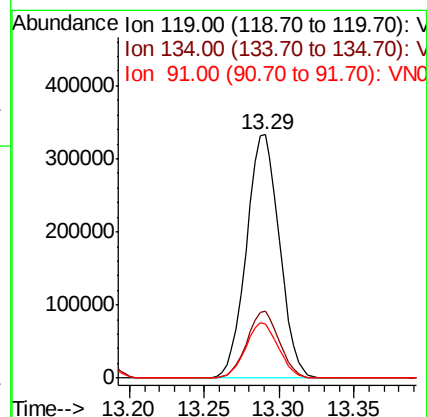
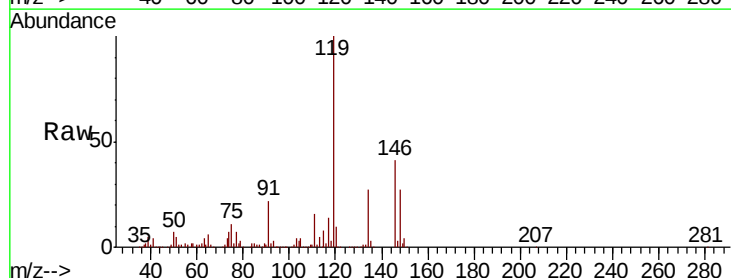
Acq: 24 Aug 2018 13:14

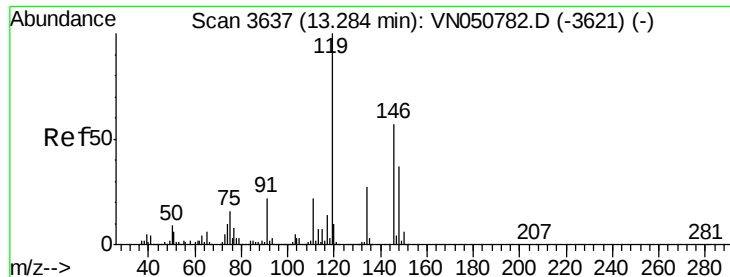
Tgt Ion:119 Resp: 511310
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.4 11.2 33.5





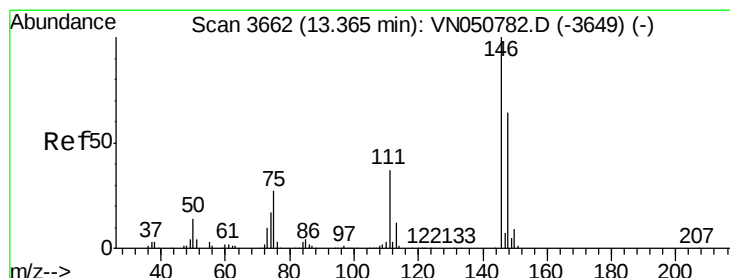
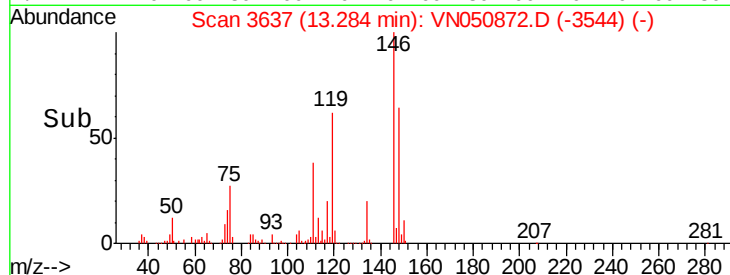
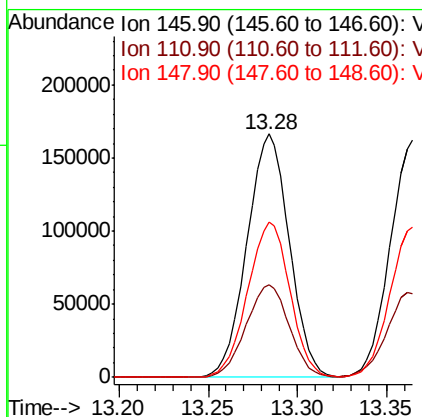
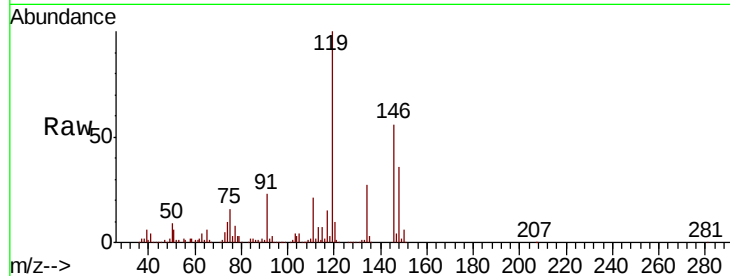
#87
 1,3-Dichlorobenzene
 Concen: 18.741 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	63.6	32.2	96.6

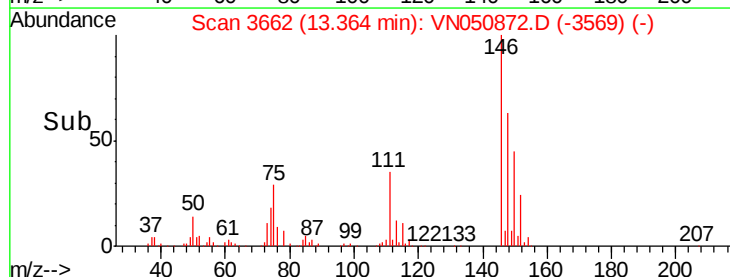
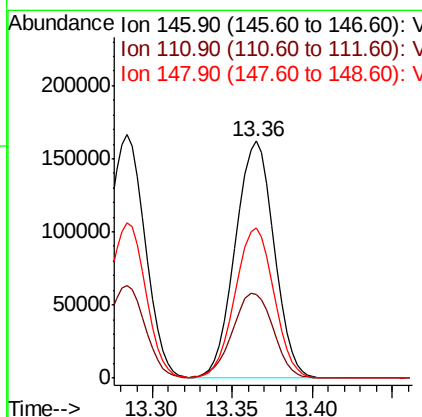
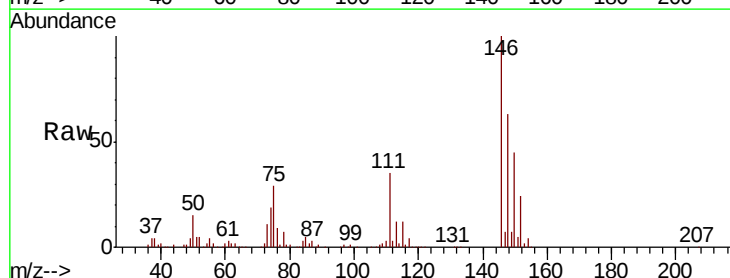
Manual Integrations
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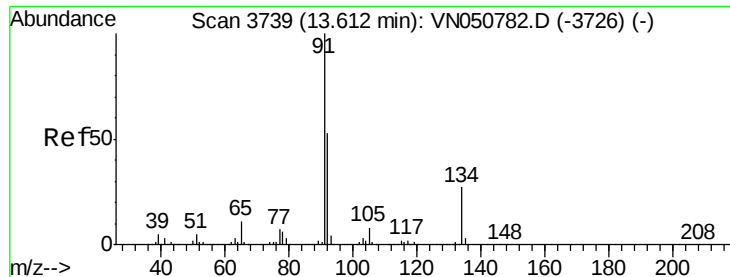
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#88
 1,4-Dichlorobenzene
 Concen: 18.484 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.6	32.2	96.6





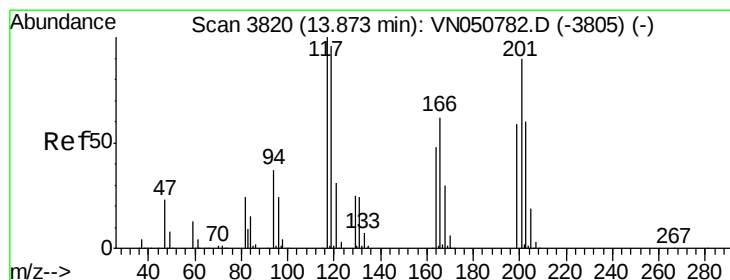
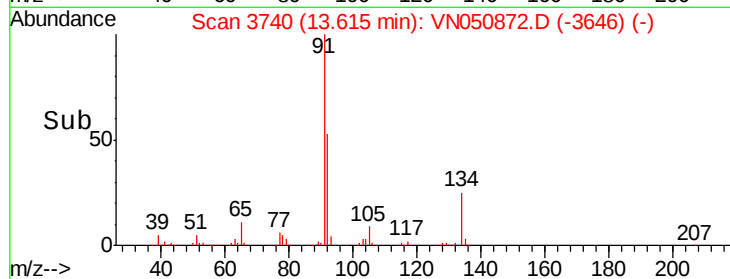
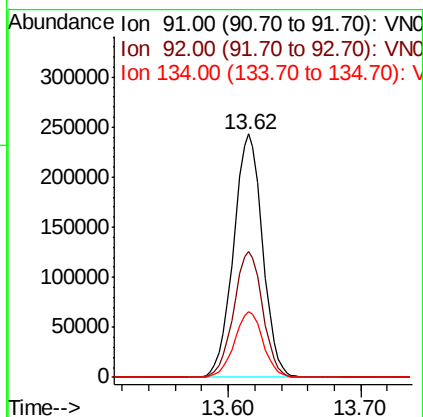
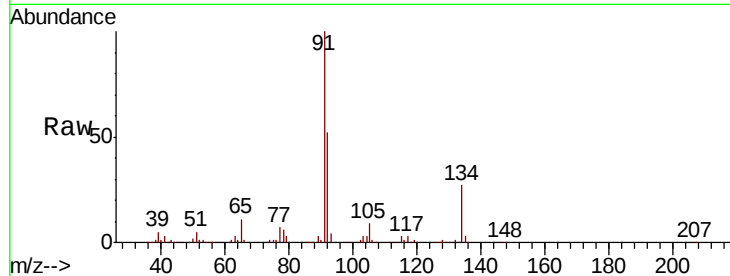
#89
n-Butylbenzene
Concen: 18.473 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.2
134	26.6	13.2	39.6

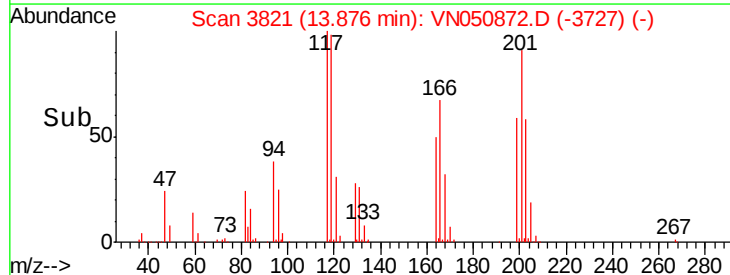
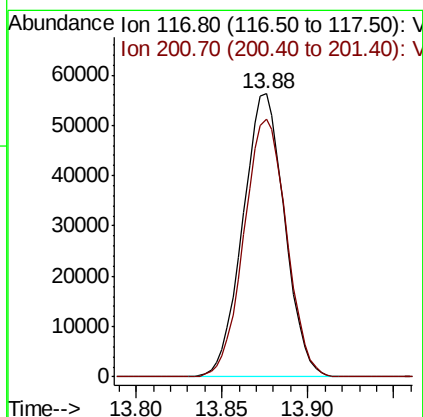
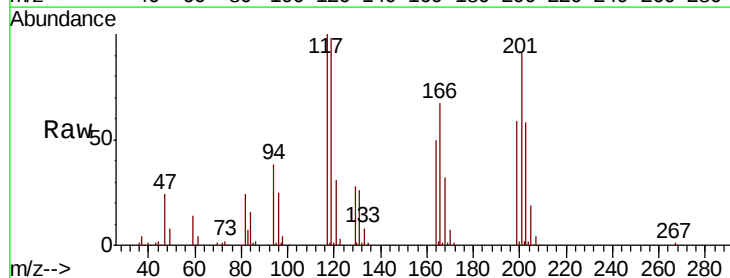
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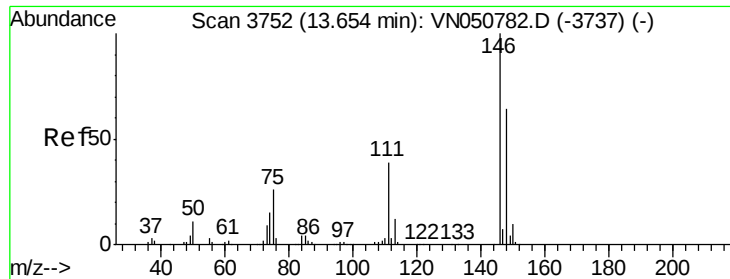
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#90
Hexachloroethane
Concen: 20.001 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.8	46.0	137.8





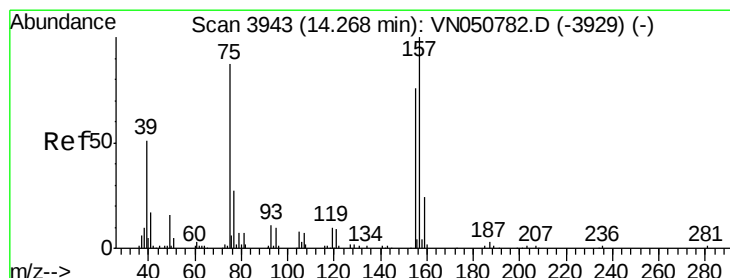
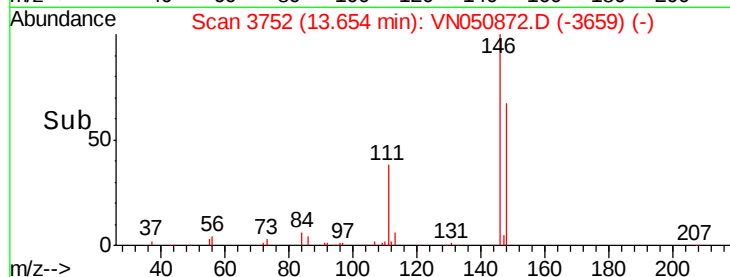
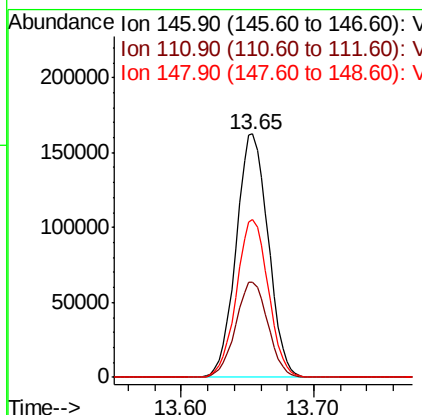
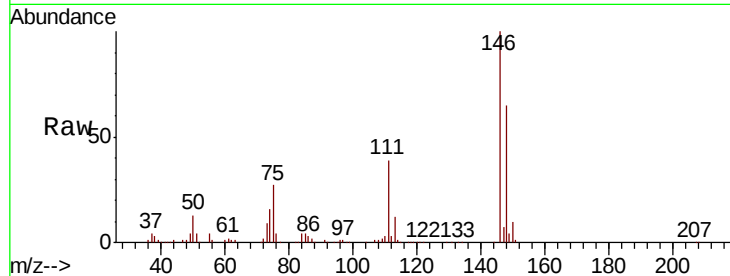
#91
 1,2-Dichlorobenzene
 Concen: 19.129 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.4	32.3	96.8

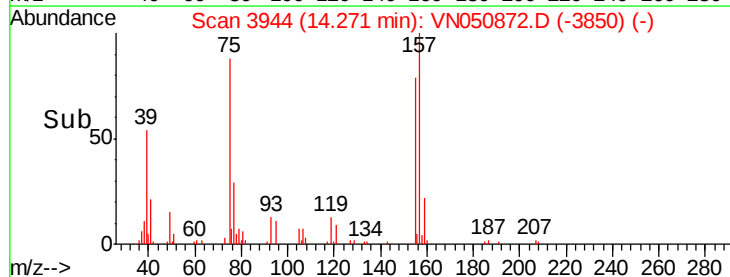
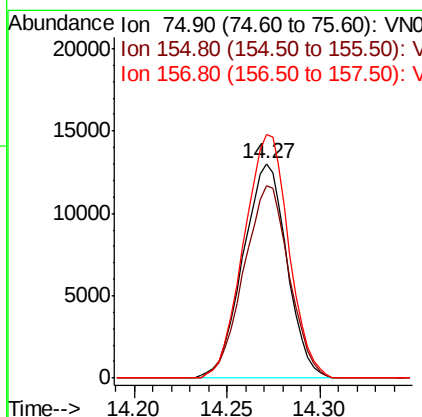
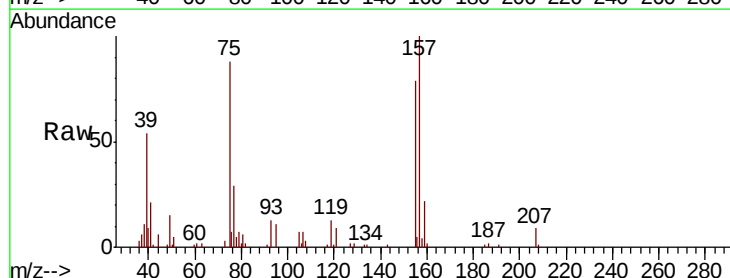
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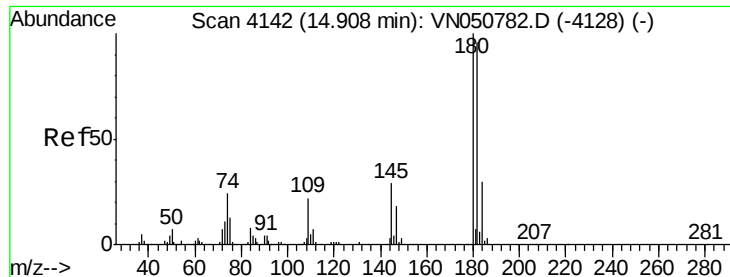
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.716 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	46.4	139.1
157	116.1	60.7	182.0





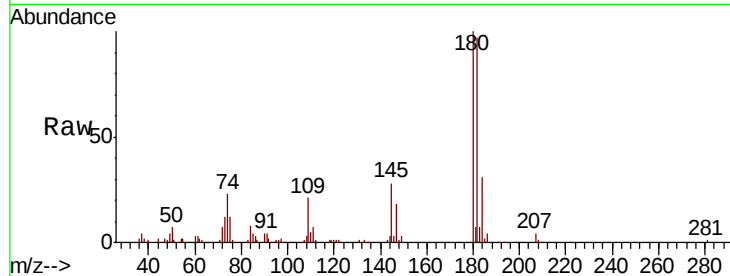
#93
 1,2,4-Trichlorobenzene
 Concen: 16.604 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101047		
182	97.4	48.2	144.6	
145	28.6	14.1	42.2	

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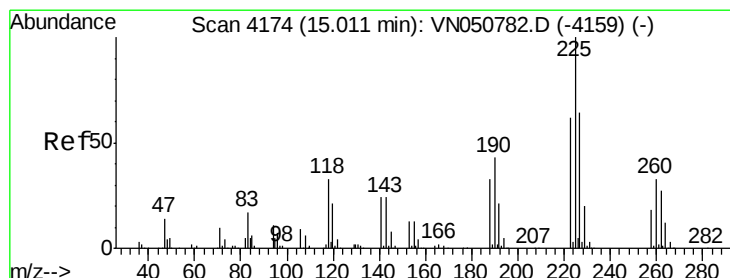
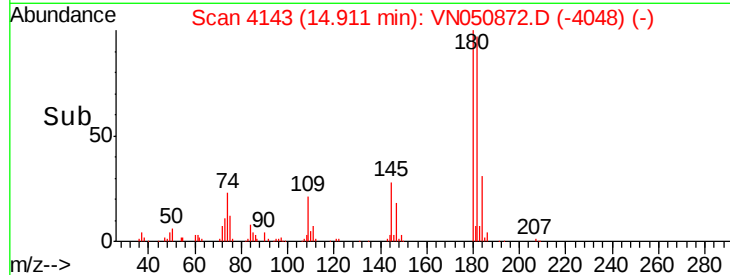
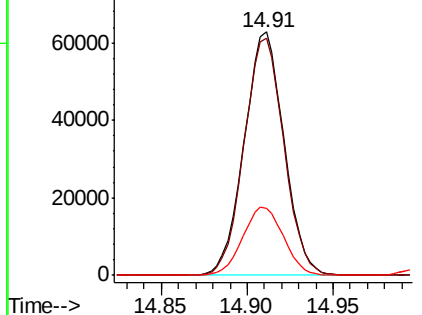


Abundance

Ion 179.80 (179.50 to 180.50): V

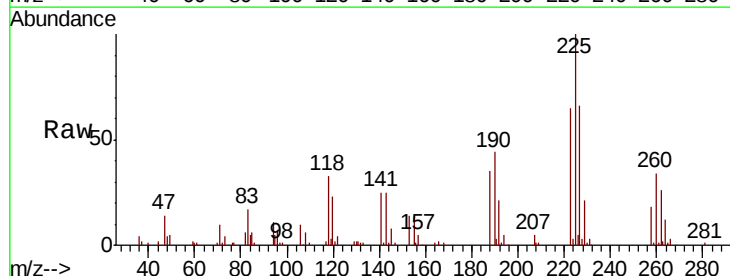
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.029 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83291		
223	63.9	31.3	93.8	
227	65.0	32.0	96.2	

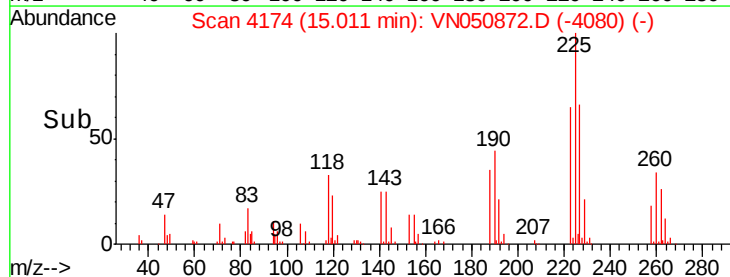
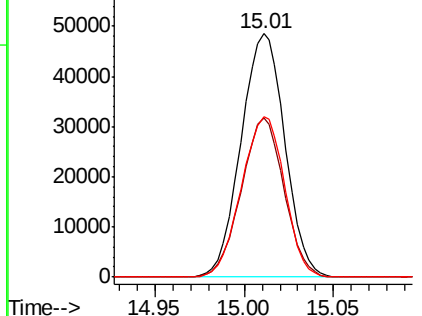


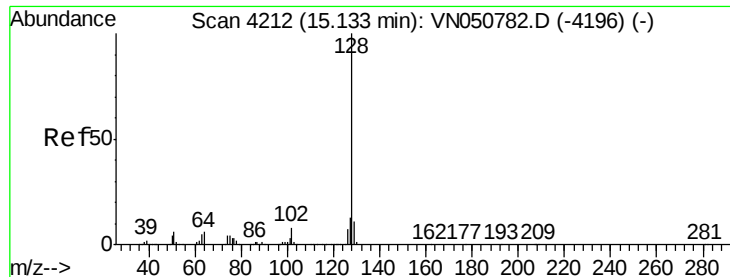
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





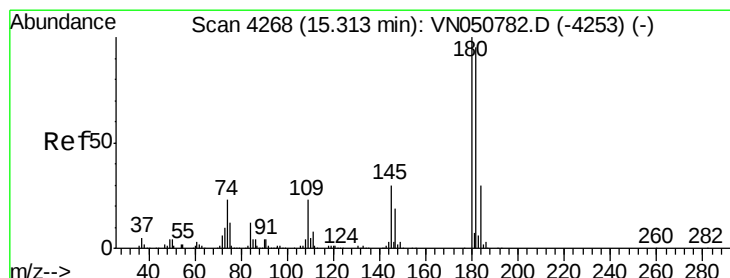
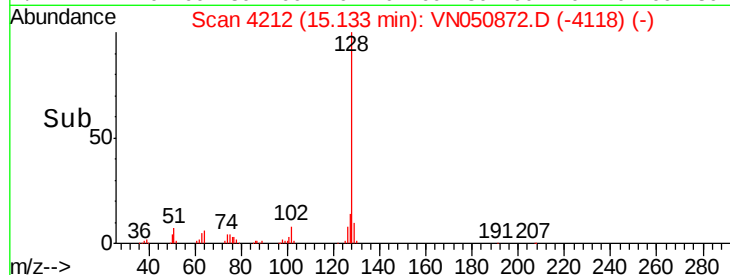
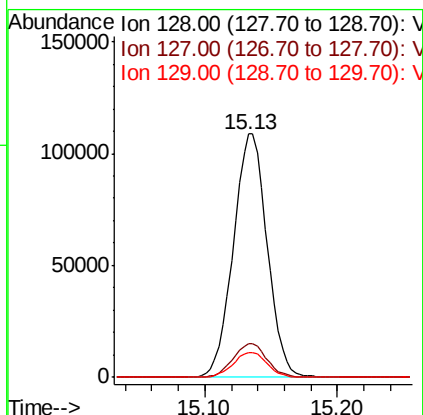
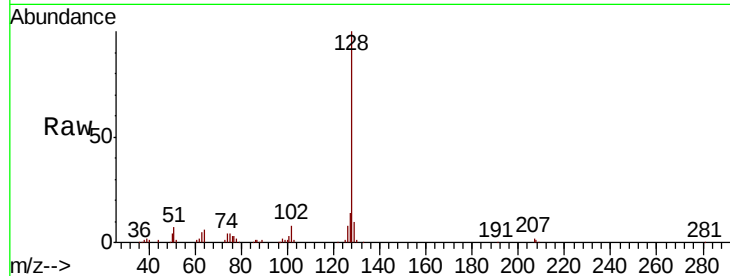
#95
Naphthalene
Concen: 16.526 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	192700		
127	13.8	10.5	15.7	
129	10.4	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 17.450 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105271		
182	97.3	48.0	144.2	
145	30.5	15.2	45.6	

