

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050866.D
 Acq On : 24 Aug 2018 10:26
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:33 PM

Quant Time: Aug 24 23:02:38 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	657260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	390018	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	367509	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1412187	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	472243	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	471191	53.570	ug/l	99
3) Chloromethane	2.06	50	515324	47.500	ug/l	100
4) Vinyl Chloride	2.18	62	510600	49.684	ug/l	100
5) Bromomethane	2.56	94	294682	50.464	ug/l	98
6) Chloroethane	2.70	64	291051	49.015	ug/l	99
7) Trichlorofluoromethane	3.01	101	665307	50.556	ug/l	99
8) Diethyl Ether	3.41	74	229436	51.273	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	409313	49.784	ug/l	100
10) Methyl Iodide	3.95	142	334745	46.851	ug/l	100
11) Tert butyl alcohol	4.79	59	127267	252.587	ug/l	99
12) 1,1-Dichloroethene	3.73	96	374863	50.780	ug/l	99
13) Acrolein	3.61	56	59551	205.812	ug/l	99
14) Allyl chloride	4.32	41	591602	51.431	ug/l	99
15) Acrylonitrile	4.99	53	669654	261.519	ug/l	98
16) Acetone	3.82	43	478725	255.657	ug/l	99
17) Carbon Disulfide	4.05	76	1140246	46.076	ug/l	100
18) Methyl Acetate	4.33	43	375699	50.284	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	998459	53.772	ug/l	99
20) Methylene Chloride	4.55	84	420699	47.175	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	399278	50.008	ug/l	99
22) Diisopropyl ether	5.96	45	1236060	53.920	ug/l	97
23) Vinyl Acetate	5.90	43	3929649	266.183	ug/l	100
24) 1,1-Dichloroethane	5.85	63	740816	50.336	ug/l	100
25) 2-Butanone	6.84	43	736342	230.923	ug/l	99
26) 2,2-Dichloropropane	6.83	77	593959	50.226	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	446446	51.865	ug/l	100
28) Bromochloromethane	7.20	49	315738	50.488	ug/l	99
29) Tetrahydrofuran	7.21	42	482992	264.189	ug/l	99
30) Chloroform	7.37	83	725028	49.750	ug/l	100
31) Cyclohexane	7.65	56	663272	49.594	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	629060	50.253	ug/l	99
36) 1,1-Dichloropropene	7.79	75	570475	52.112	ug/l	100
37) Ethyl Acetate	6.93	43	327077	52.013	ug/l	100
38) Carbon Tetrachloride	7.77	117	562204	50.806	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	632880	53.438	ug/l	98
40) Benzene	8.04	78	1712088	51.865	ug/l	100
41) Methacrylonitrile	7.18	41	187317	55.042	ug/l	96
42) 1,2-Dichloroethane	8.13	62	507762	51.448	ug/l	100
43) Isopropyl Acetate	8.17	43	578953	53.547	ug/l #	88
44) Trichloroethene	8.84	130	447154	51.361	ug/l	99
45) 1,2-Dichloropropane	9.12	63	449321	51.789	ug/l	98
46) Dibromomethane	9.21	93	262003	51.396	ug/l	99
47) Bromodichloromethane	9.40	83	553371	51.827	ug/l	99
48) Methyl methacrylate	9.20	41	297801	54.045	ug/l	99
49) 1,4-Dioxane	9.20	88	79502	1058.374	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1639877	254.161	ug/l	99
52) Toluene	10.16	92	1052613	53.828	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	558928	52.592	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	658076	54.074	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	372159	51.275	ug/l	99
56) Ethyl methacrylate	10.43	69	461297	48.911	ug/l	98
57) 1,3-Dichloropropane	10.71	76	634218	52.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	991842	241.194	ug/l	100
59) 2-Hexanone	10.75	43	1079254	251.263	ug/l	100
60) Dibromochloromethane	10.90	129	428560	52.736	ug/l	99
61) 1,2-Dibromoethane	11.00	107	371996	53.003	ug/l	100
64) Tetrachloroethene	10.63	164	408412	49.815	ug/l	99
65) Chlorobenzene	11.43	112	1149439	50.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	426348	51.648	ug/l	99
67) Ethyl Benzene	11.51	91	1969544	53.697	ug/l	100
68) m/p-Xylenes	11.62	106	1535667	110.303	ug/l	100
69) o-Xylene	11.95	106	727770	54.373	ug/l	100
70) Styrene	11.96	104	1171815	49.687	ug/l	99
71) Bromoform	12.13	173	296446	52.221	ug/l #	100
73) Isopropylbenzene	12.25	105	1946680	53.959	ug/l	100
74) N-amyl acetate	12.07	43	481760	53.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	462787	53.933	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	393975m	51.627	ug/l	
77) Bromobenzene	12.53	156	494645	50.449	ug/l	98
78) n-propylbenzene	12.59	91	2204208	54.692	ug/l	100
79) 2-Chlorotoluene	12.67	91	1314810	52.375	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1601176	55.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	119156	52.785	ug/l	99
82) 4-Chlorotoluene	12.77	91	1310324	52.872	ug/l	100
83) tert-Butylbenzene	12.99	119	1366555	54.205	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1622327	55.404	ug/l	99
85) sec-Butylbenzene	13.17	105	1811539	54.836	ug/l	100
86) p-Isopropyltoluene	13.29	119	1594797	56.655	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	858116	51.573	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	825036	50.382	ug/l	100
89) n-Butylbenzene	13.61	91	1247824	55.426	ug/l	100
90) Hexachloroethane	13.87	117	278024	51.818	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	820042	51.084	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66083	51.003	ug/l	98

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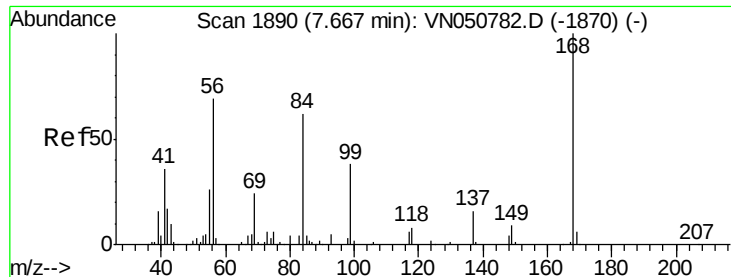
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	386095	46.542	ug/l	100
94) Hexachlorobutadiene	15.01	225	253162	53.274	ug/l	100
95) Naphthalene	15.13	128	762962	44.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	373437	47.856	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: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 657260

Ion Ratio Lower Upper

168 100

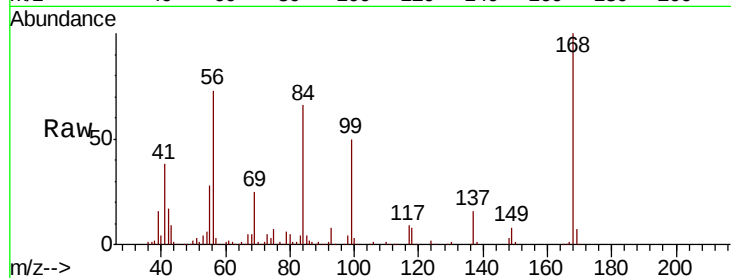
99 50.2 39.6 59.4

Manual Integrations

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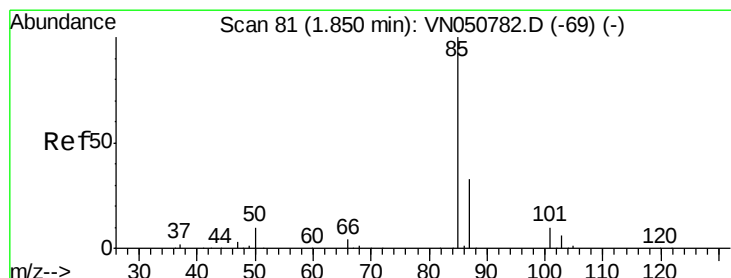
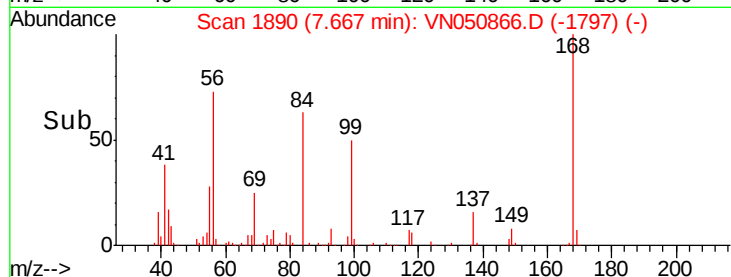
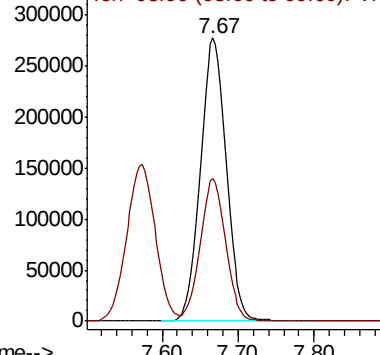
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 53.570 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050866.D

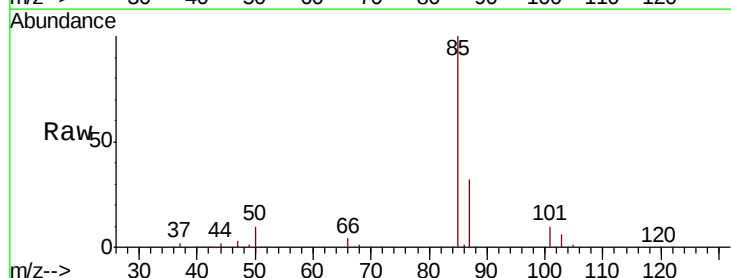
Acq: 24 Aug 2018 10:26

Tgt Ion: 85 Resp: 471191

Ion Ratio Lower Upper

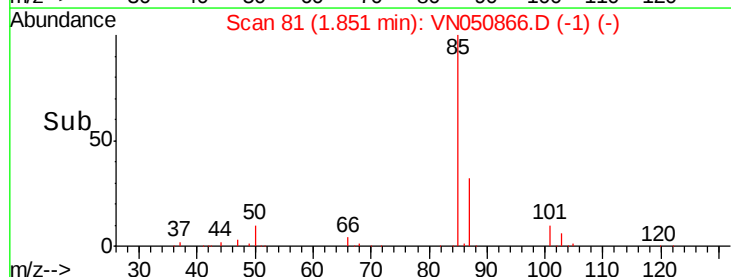
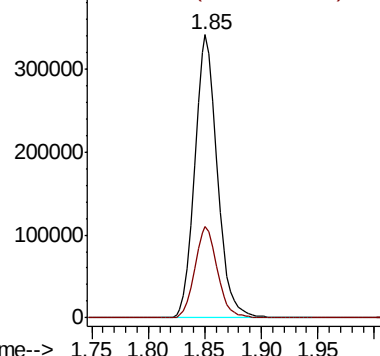
85 100

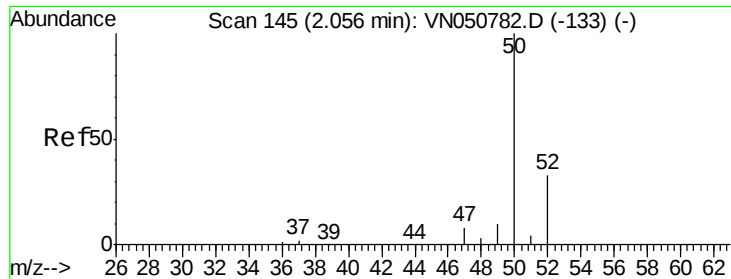
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 47.500 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 515324

Ion Ratio Lower Upper

50 100

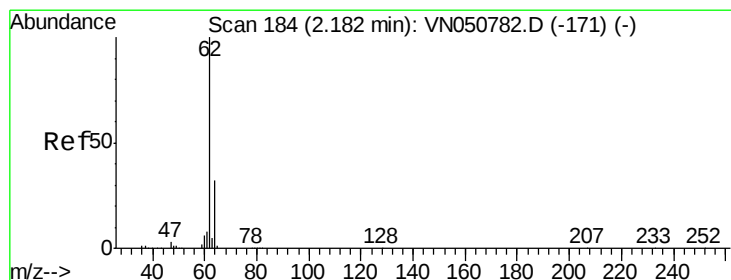
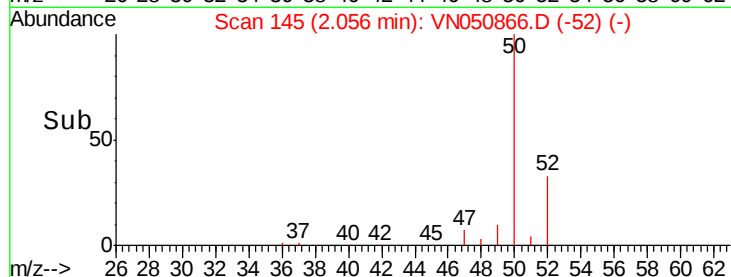
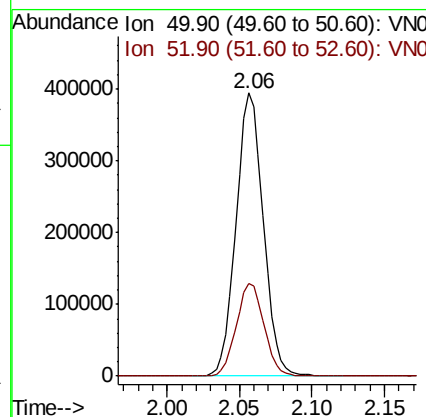
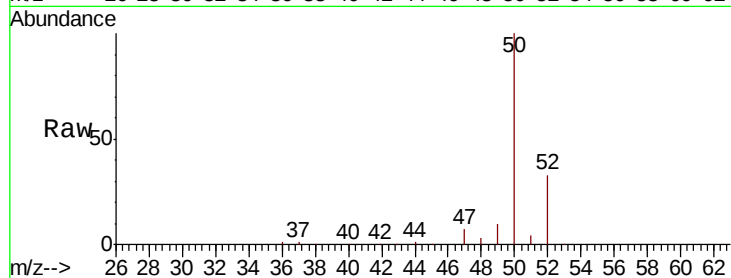
52 32.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.684 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050866.D

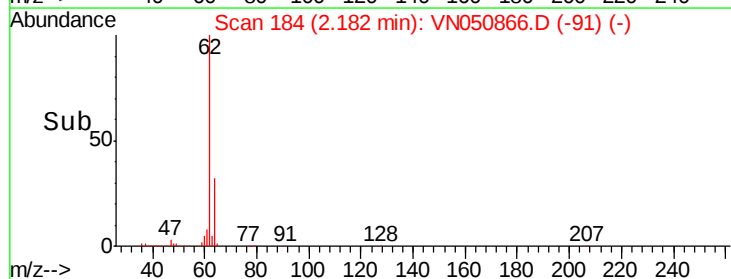
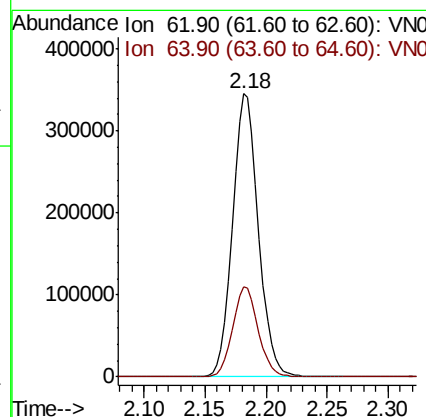
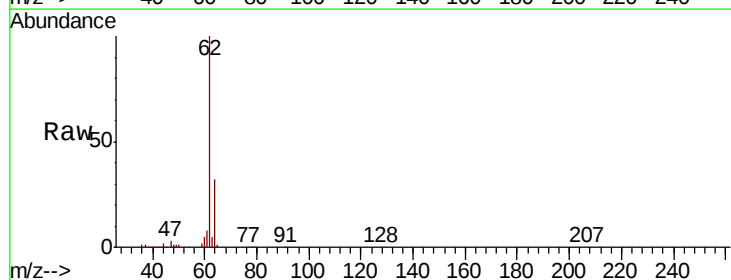
Acq: 24 Aug 2018 10:26

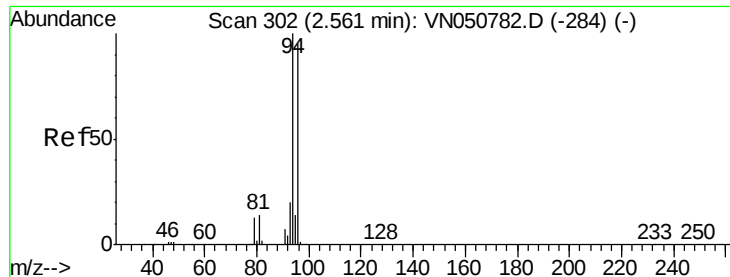
Tgt Ion: 62 Resp: 510600

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 50.464 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 294682

Ion Ratio Lower Upper

94 100

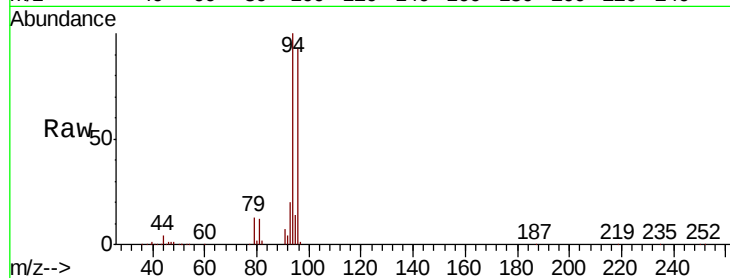
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Manual Integrations

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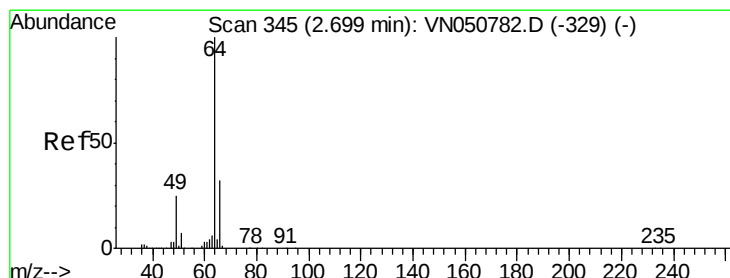
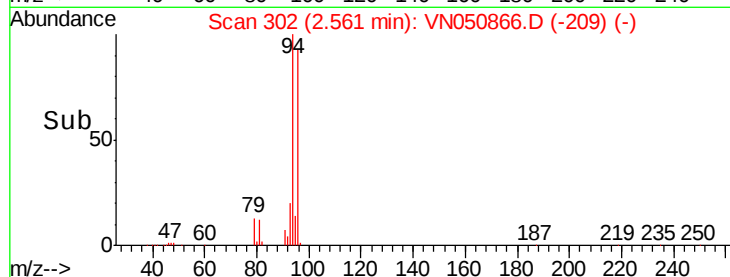
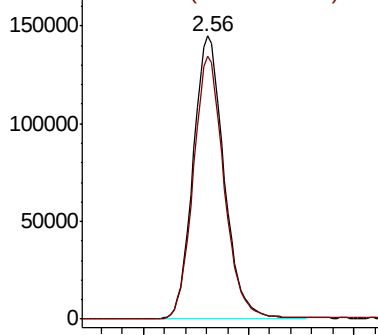
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.015 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050866.D

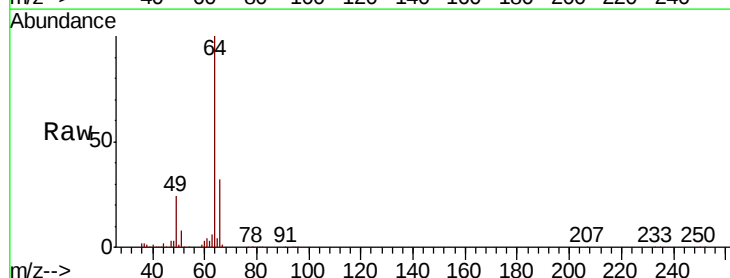
Acq: 24 Aug 2018 10:26

Tgt Ion: 64 Resp: 291051

Ion Ratio Lower Upper

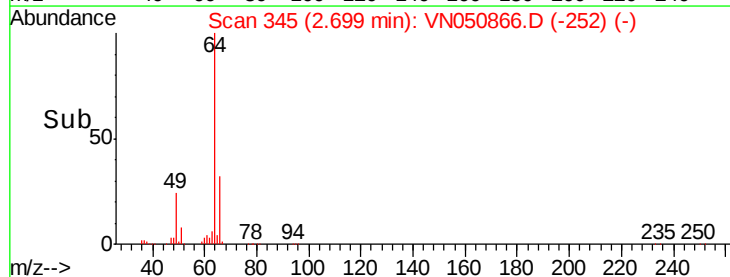
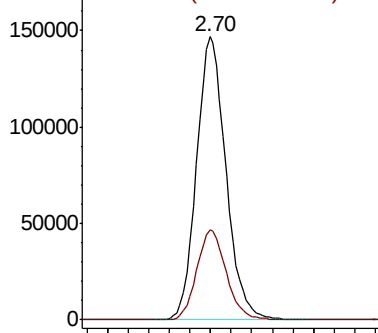
64 100

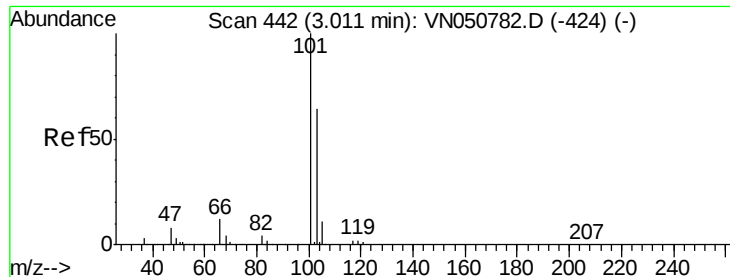
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

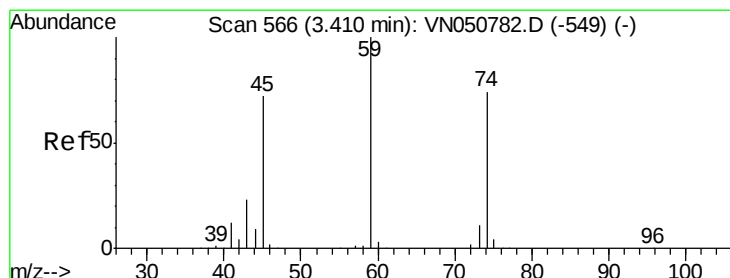
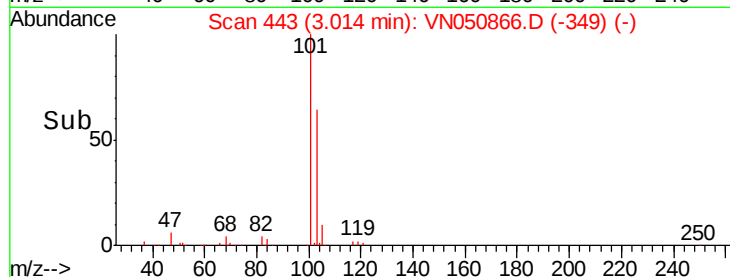
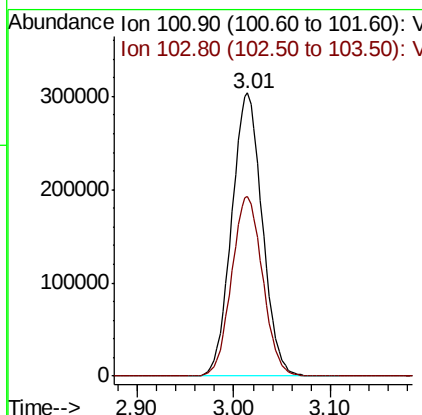
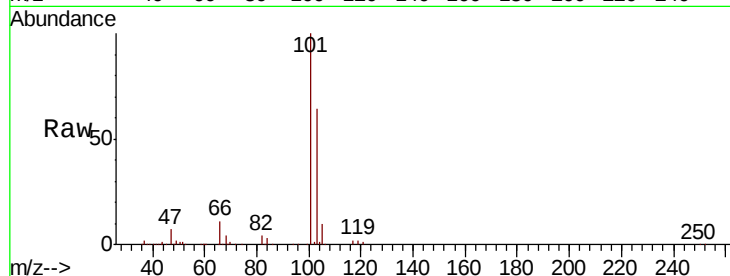
Trichlorofluoromethane
 Concen: 50.556 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
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 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.6	77.4

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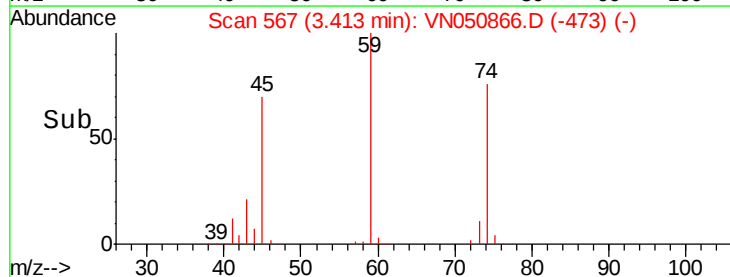
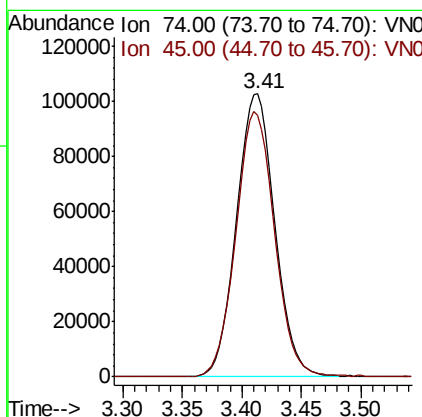
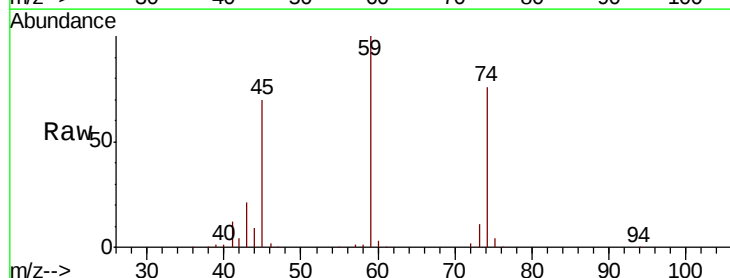
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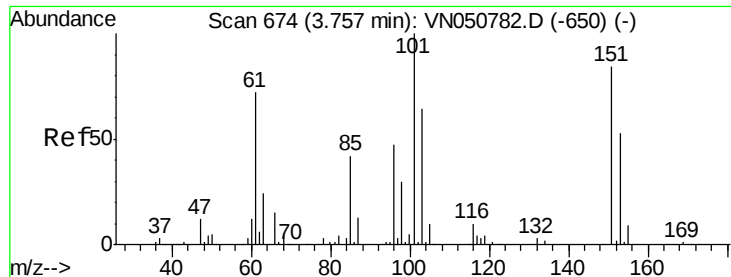


#8

Diethyl Ether
 Concen: 51.273 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.2	144.6





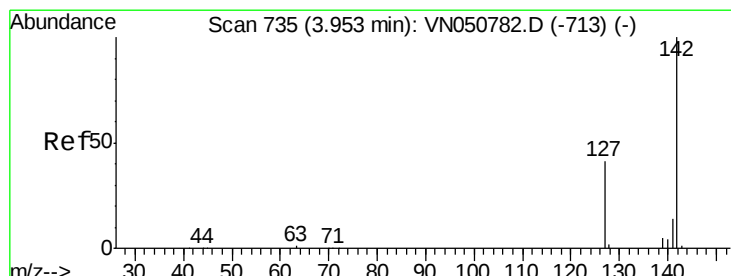
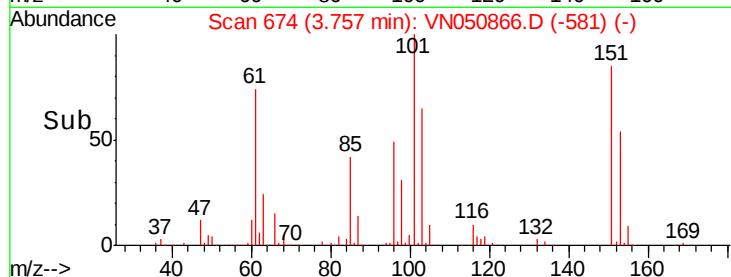
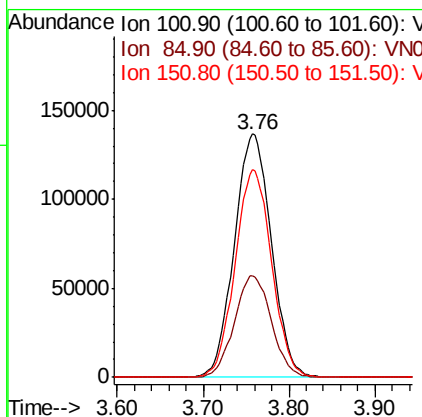
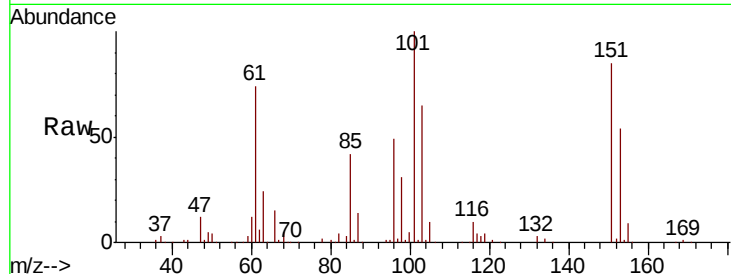
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.784 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	409313		
85	41.7	33.7	50.5	
151	84.2	67.4	101.2	

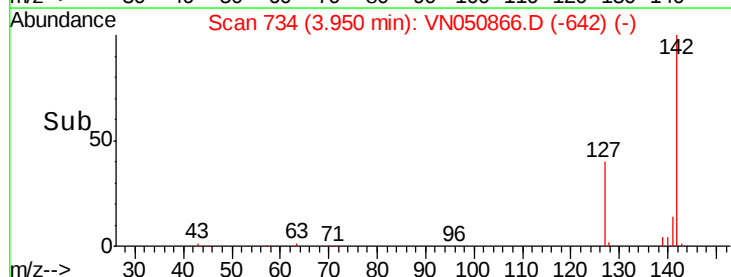
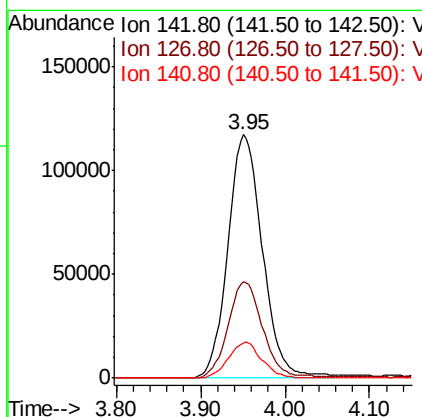
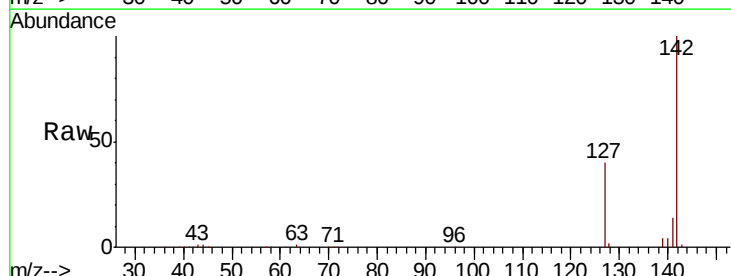
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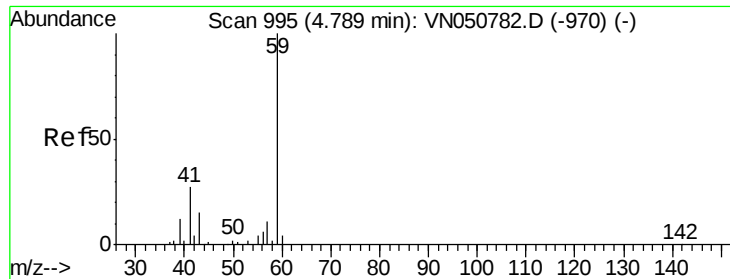
MMDadoda
 8/25/2018 1:18:33 PM



#10
 Methyl Iodide
 Concen: 46.851 ug/l
 RT: 3.95 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	334745		
127	39.9	31.7	47.5	
141	14.3	11.4	17.0	





#11

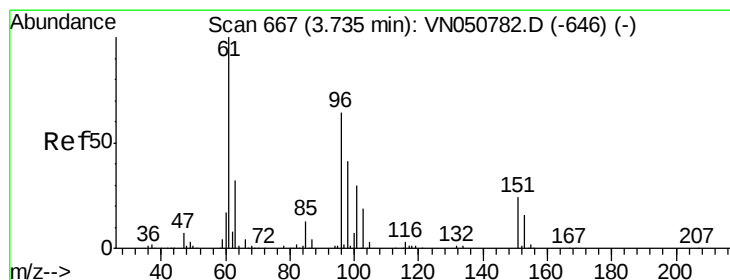
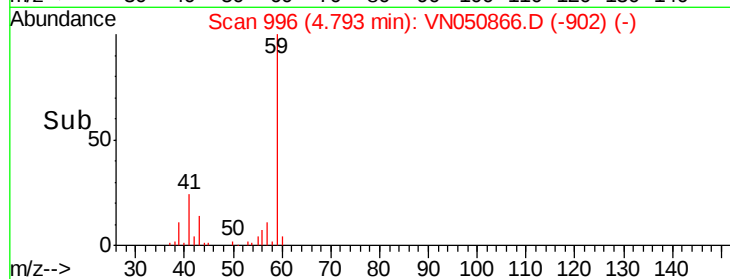
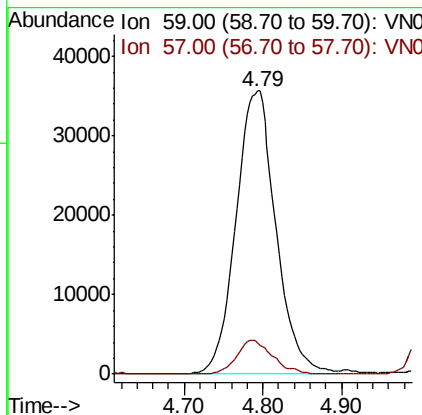
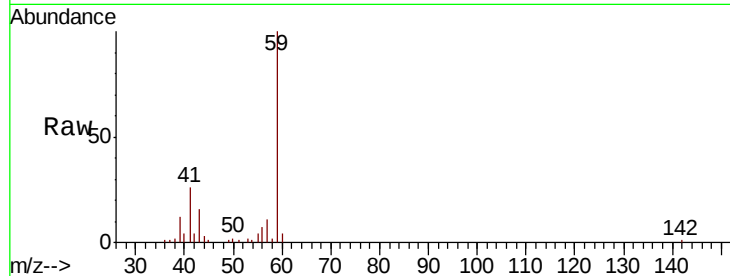
Tert butyl alcohol
 Concen: 252.587 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
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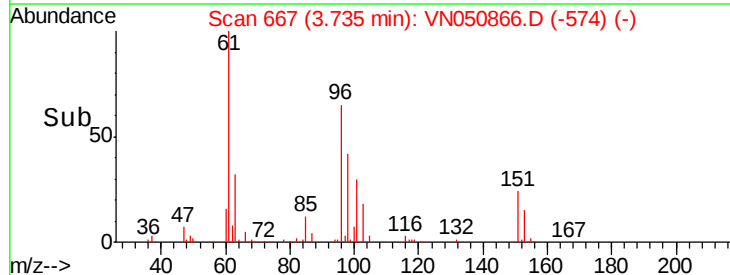
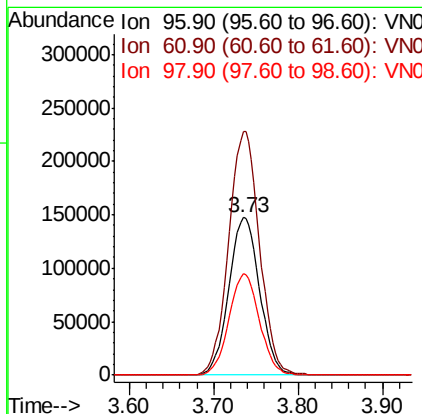
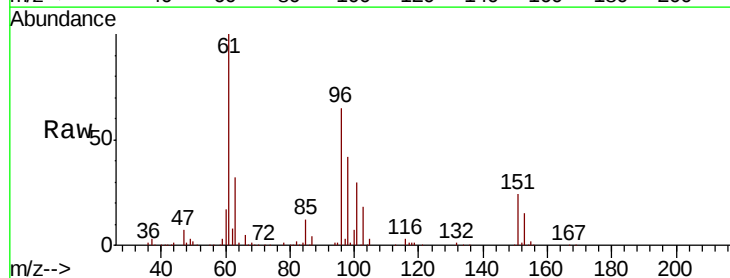
MMDadoda
 8/25/2018 1:18:33 PM

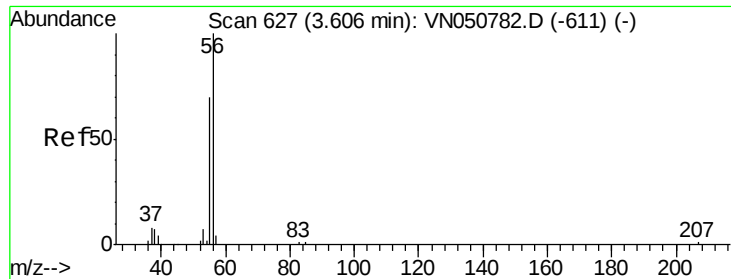


#12

1,1-Dichloroethene
 Concen: 50.780 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	124.9	187.3
98	64.3	51.1	76.7





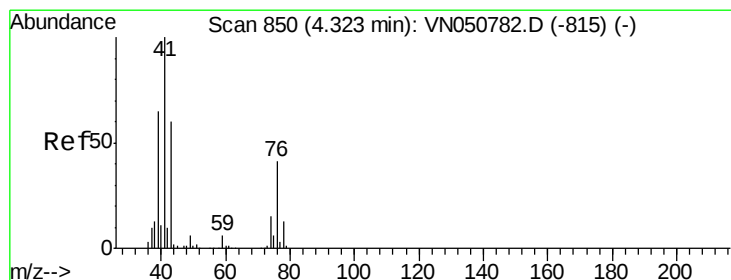
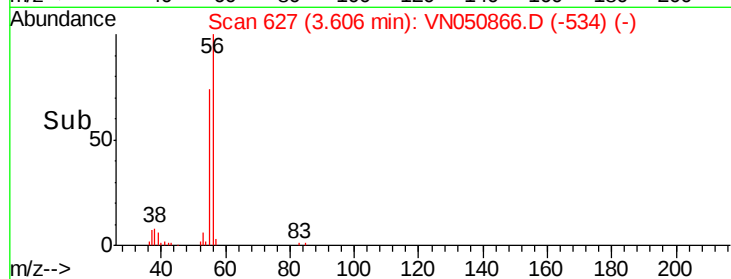
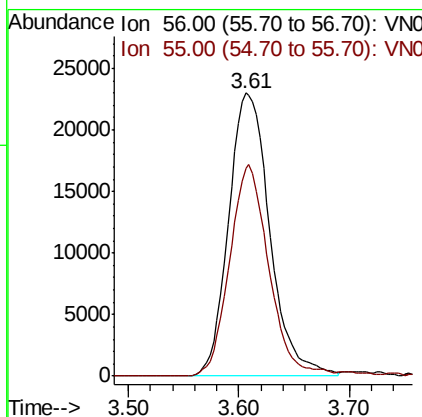
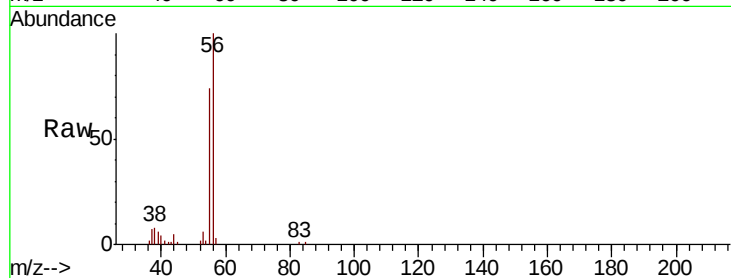
#13
 Acrolein
 Concen: 205.812 ug/l
 RT: 3.61 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.0	57.7	86.5

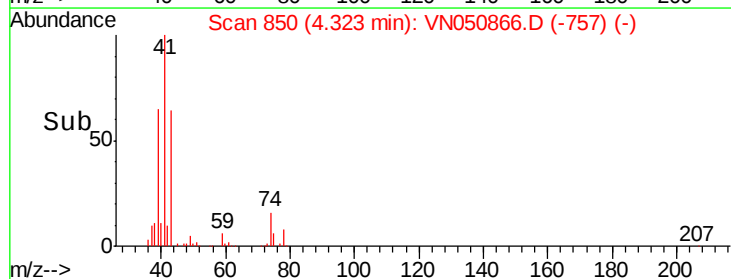
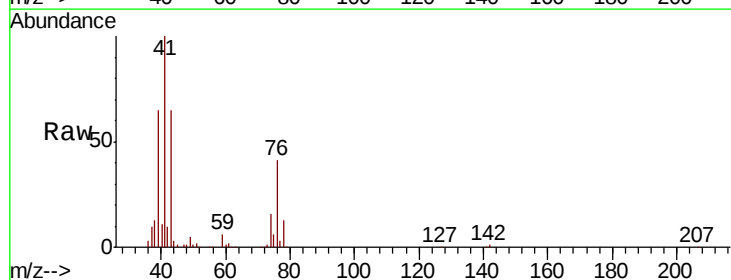
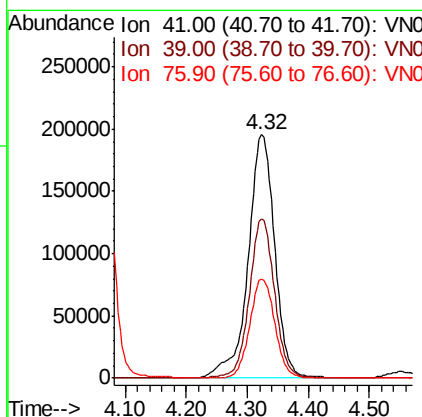
Manual Integrations
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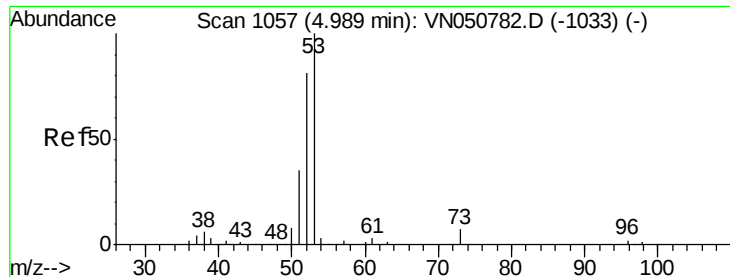
MMDadoda
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#14
 Allyl chloride
 Concen: 51.431 ug/l
 RT: 4.32 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.2	50.2	75.2
76	37.9	29.8	44.8





#15

Acrylonitrile

Concen: 261.519 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

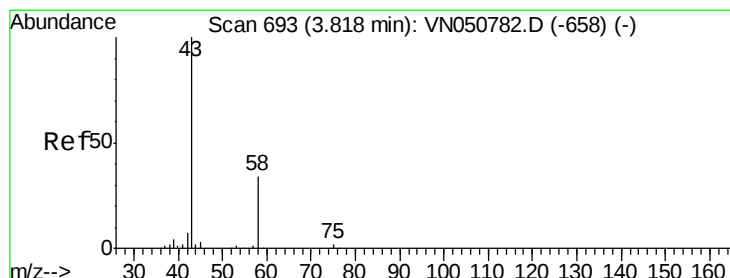
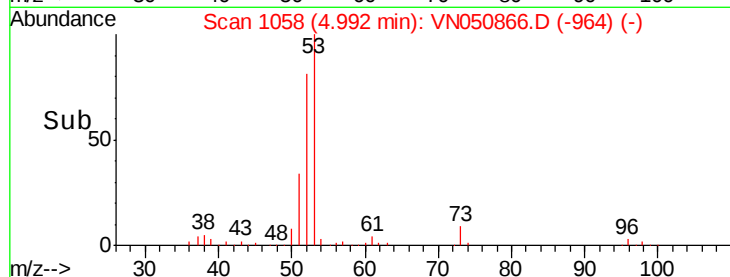
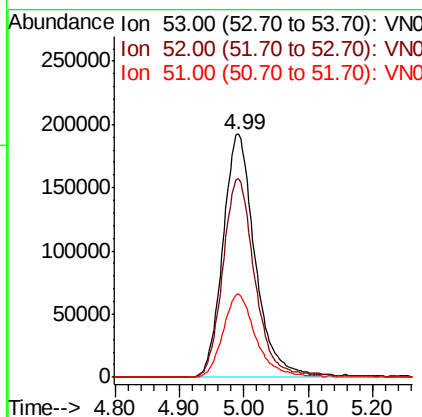
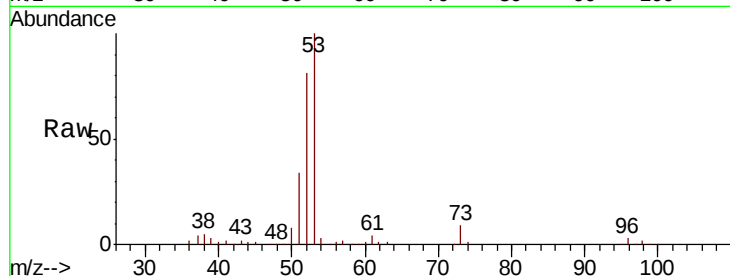
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	669654
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.9	98.9
51	35.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 255.657 ug/l

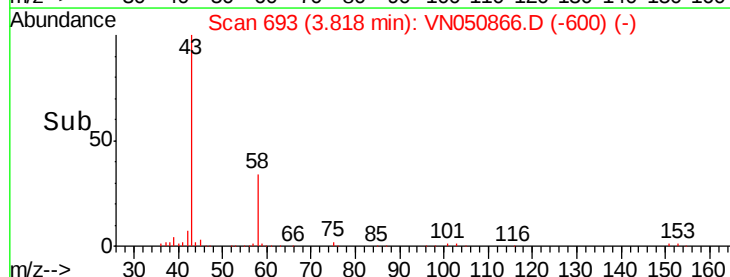
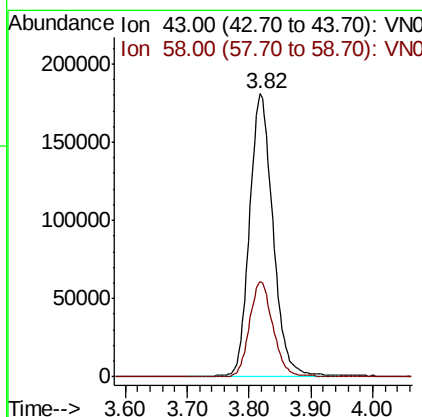
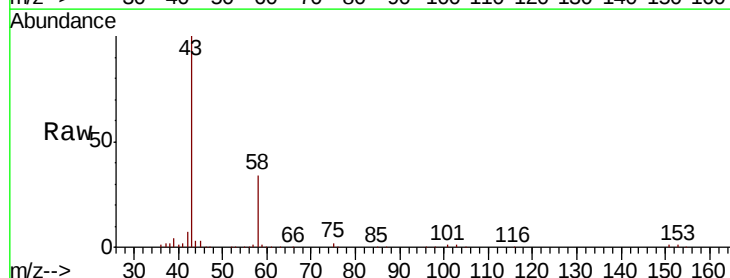
RT: 3.82 min Scan# 693

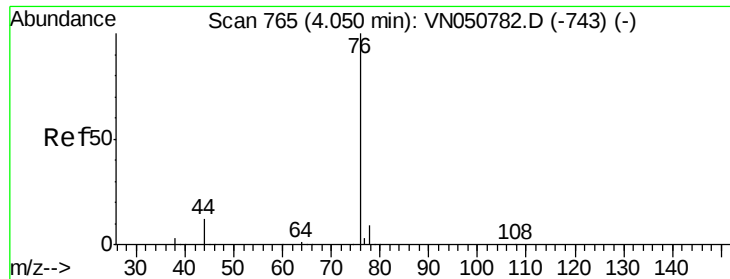
Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion:	43	Resp:	478725
Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.2	40.8





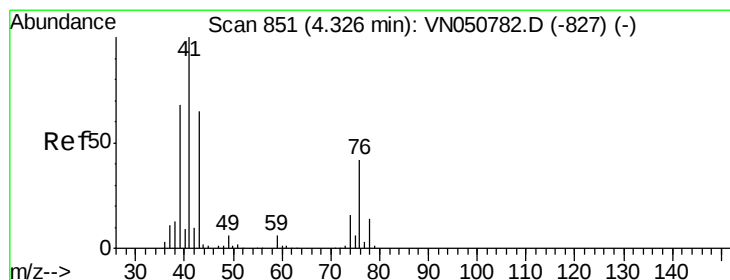
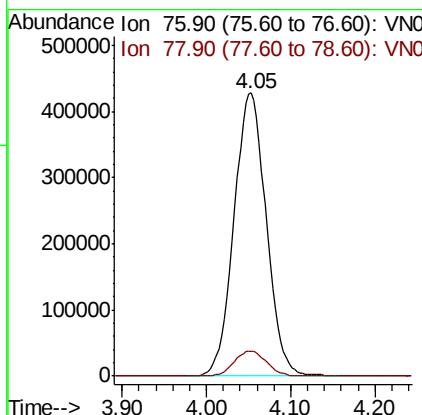
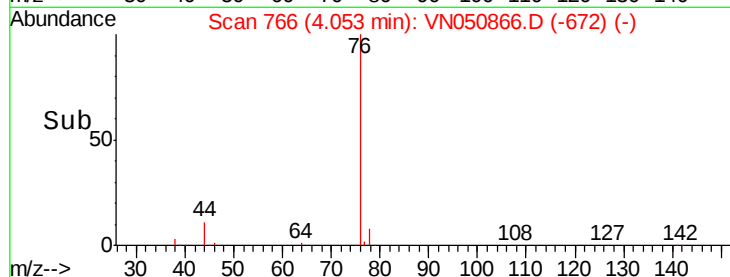
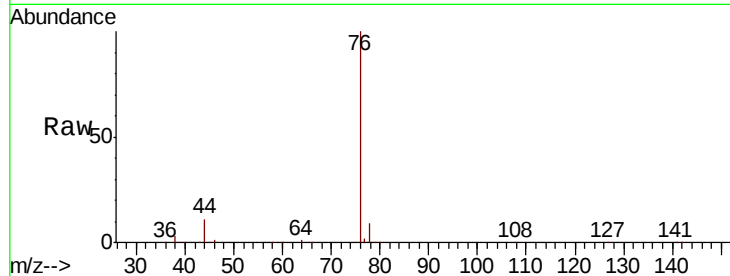
#17
Carbon Disulfide
Concen: 46.076 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 1140246
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

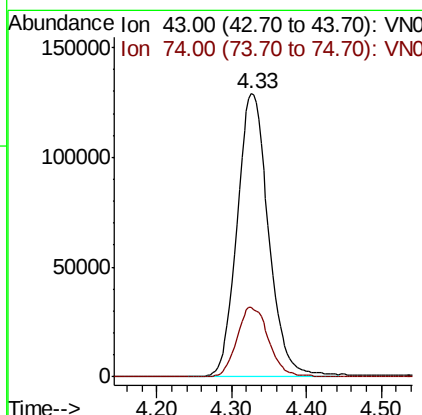
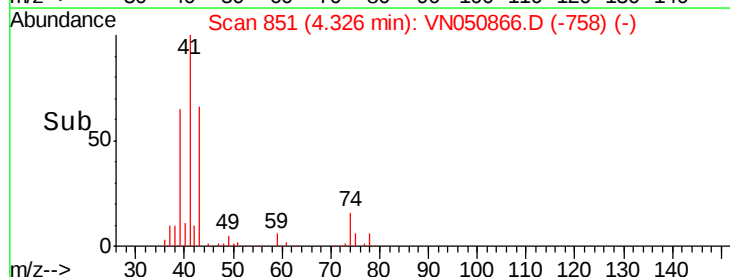
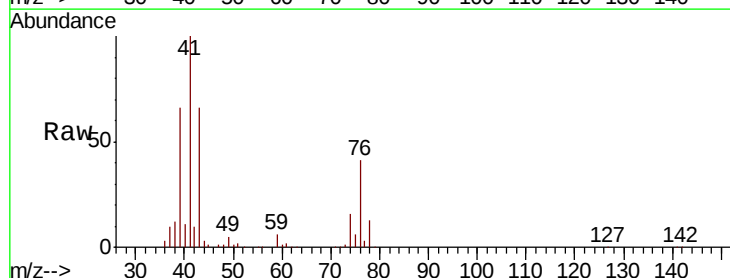
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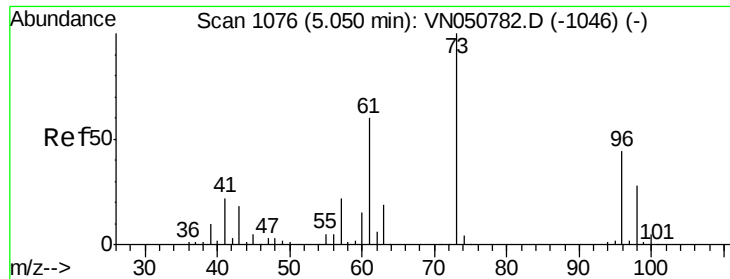
MMDadoda
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#18
Methyl Acetate
Concen: 50.284 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 43 Resp: 375699
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8





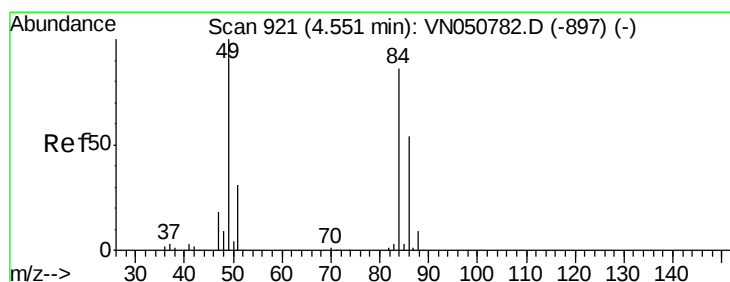
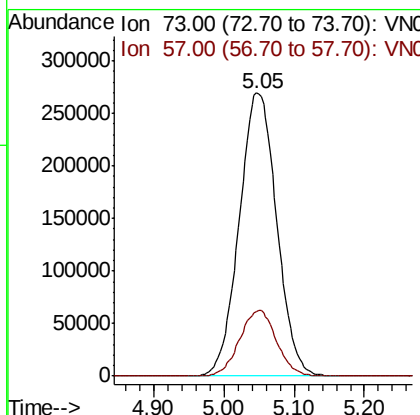
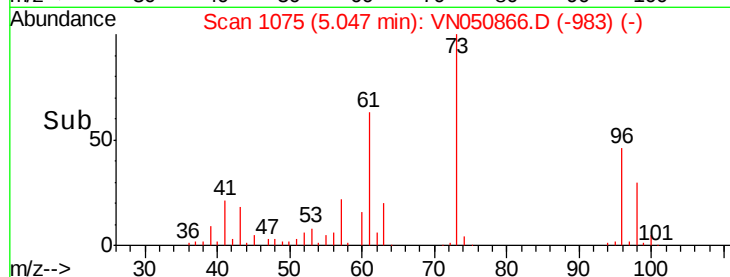
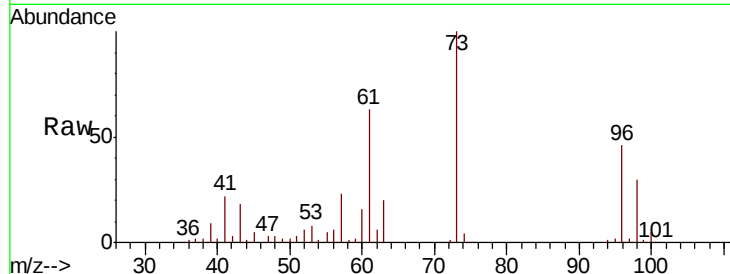
#19
Methyl tert-butyl Ether
Concen: 53.772 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 998459
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8

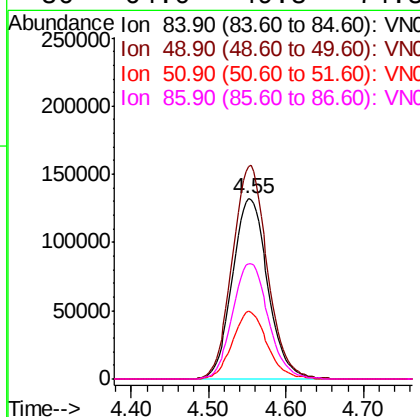
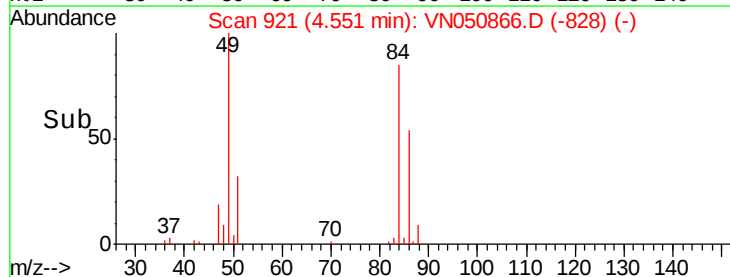
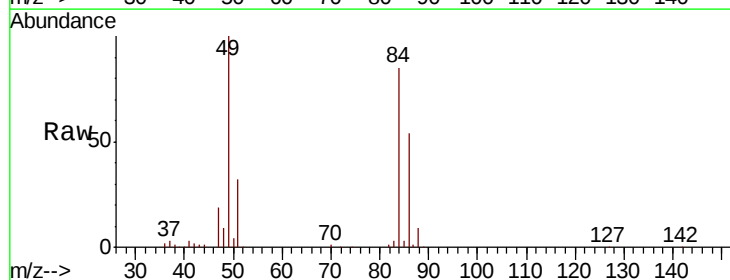
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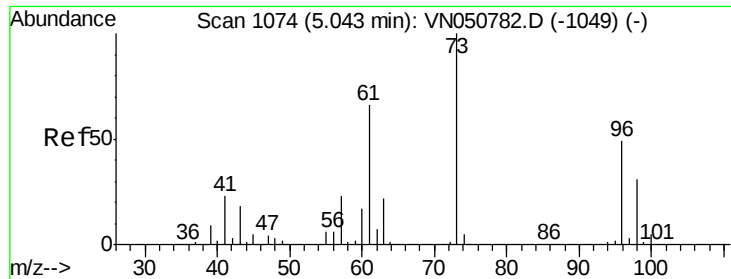
MMDadoda
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#20
Methylene Chloride
Concen: 47.175 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 84 Resp: 420699
Ion Ratio Lower Upper
84 100
49 117.7 93.2 139.8
51 37.4 29.0 43.6
86 64.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 50.008 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleID :

VSTDCCC050

Tgt Ion: 96 Resp: 399278

Ion Ratio Lower Upper

96 100

61 135.6 107.4 161.0

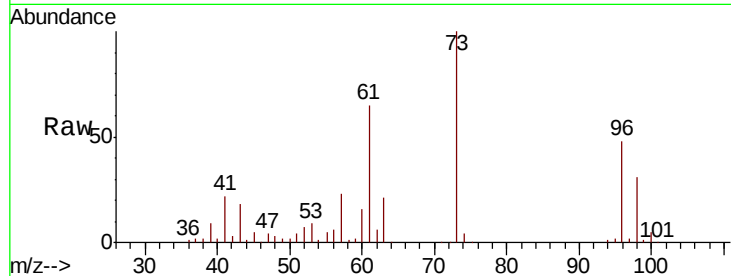
98 64.4 50.7 76.1

Manual Integrations

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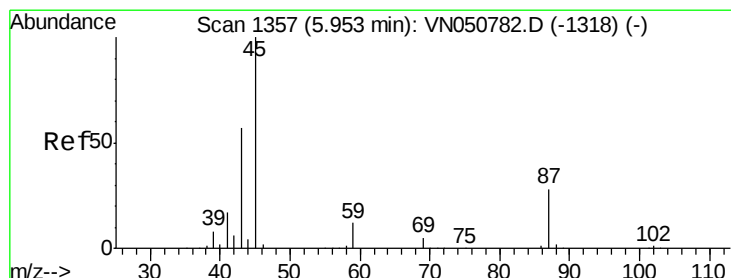
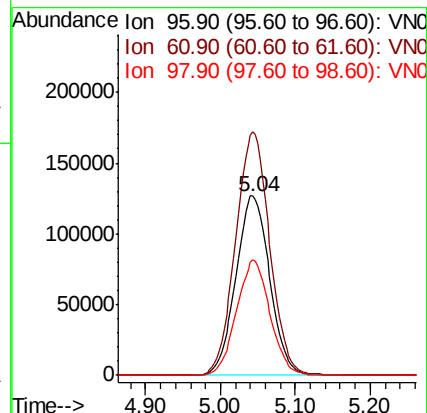
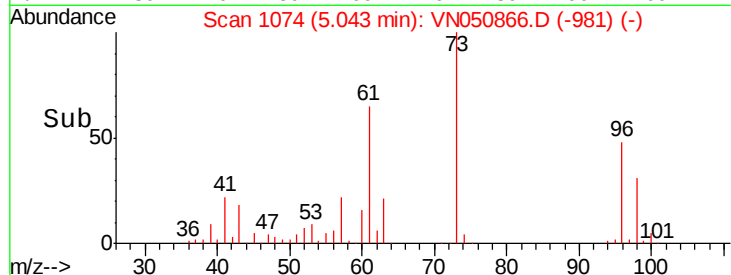


Abundance Ion 95.90 (95.60 to 96.60): VN050866.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN050866.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN050866.D (-981) (-)

Time-->



#22

Diisopropyl ether

Concen: 53.920 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion: 45 Resp: 1236060

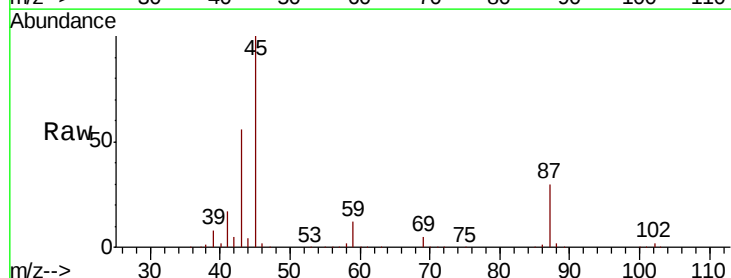
Ion Ratio Lower Upper

45 100

43 55.3 45.9 68.9

87 29.7 22.7 34.1

59 12.0 9.3 13.9



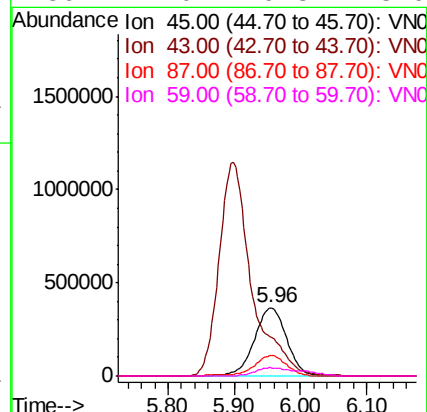
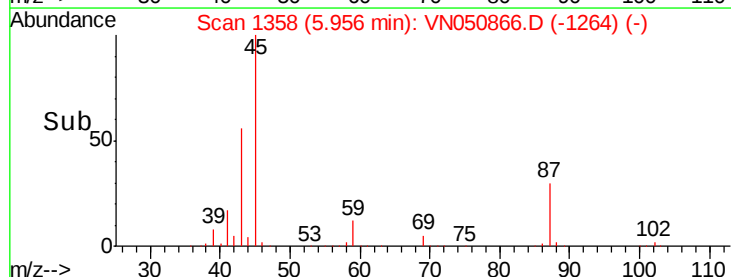
Abundance Ion 45.00 (44.70 to 45.70): VN050866.D (-1264) (-)

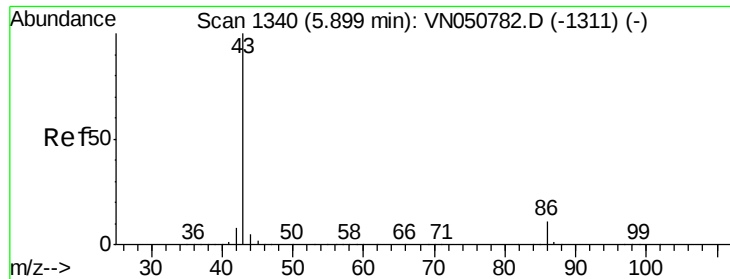
Ion 43.00 (42.70 to 43.70): VN050866.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN050866.D (-1264) (-)

Ion 59.00 (58.70 to 59.70): VN050866.D (-1264) (-)

Time-->





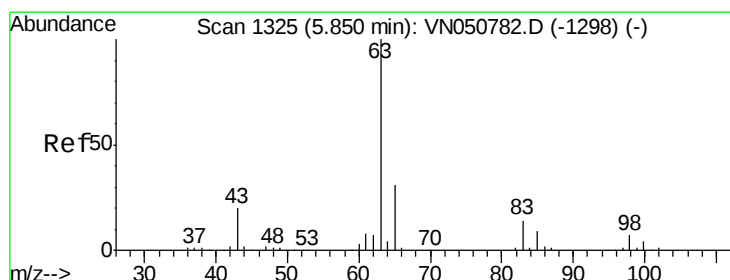
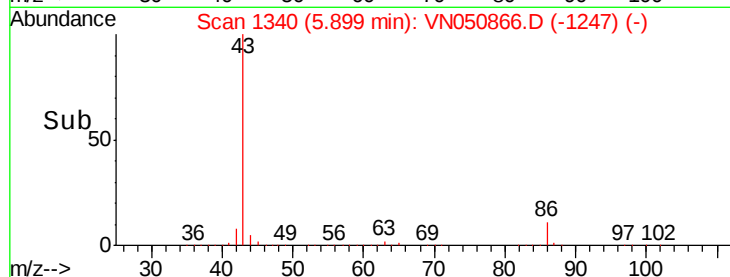
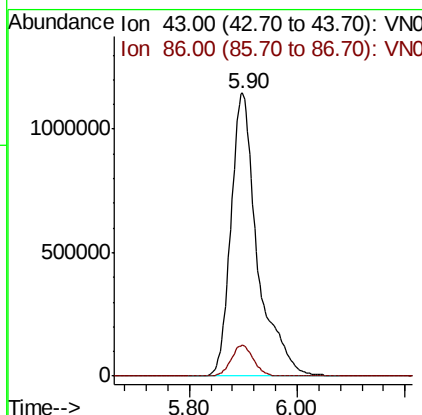
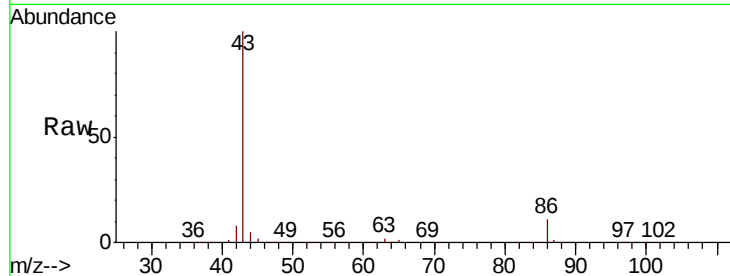
#23
 Vinyl Acetate
 Concen: 266.183 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 3929649
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1

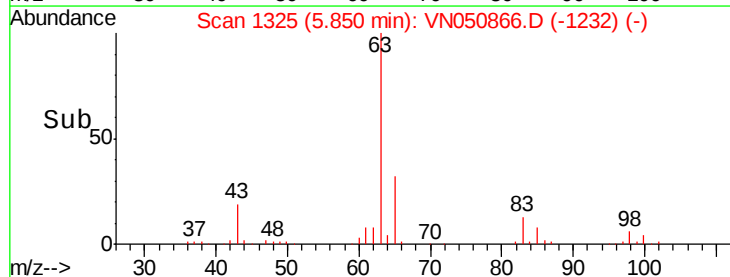
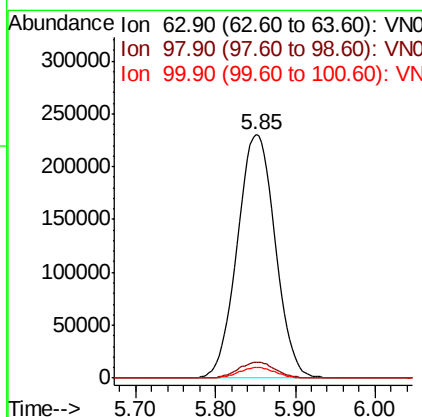
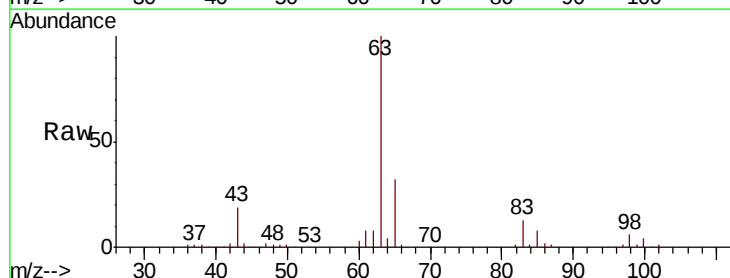
Manual Integrations
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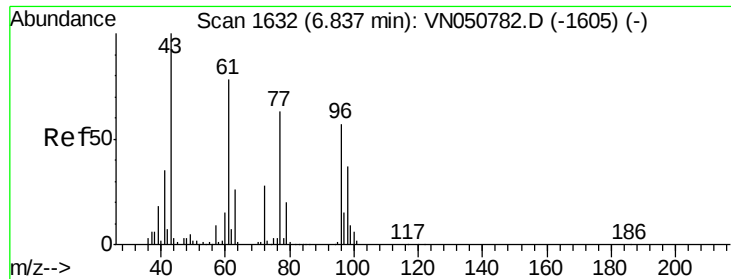
MMDadoda
 8/25/2018 1:18:33 PM



#24
 1,1-Dichloroethane
 Concen: 50.336 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion: 63 Resp: 740816
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.3 2.1 6.5





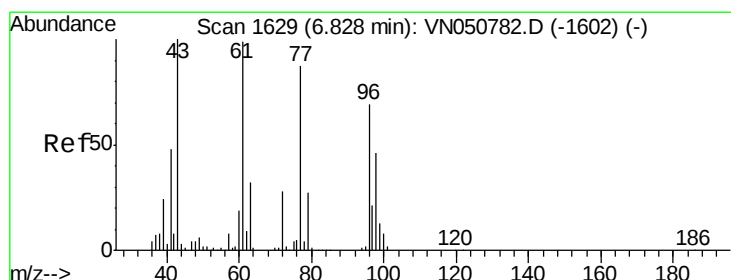
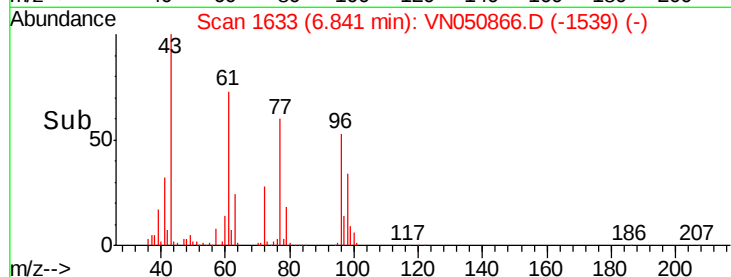
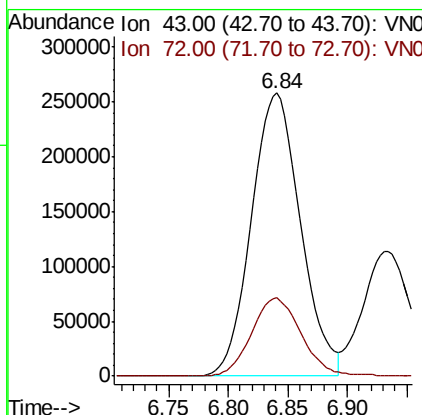
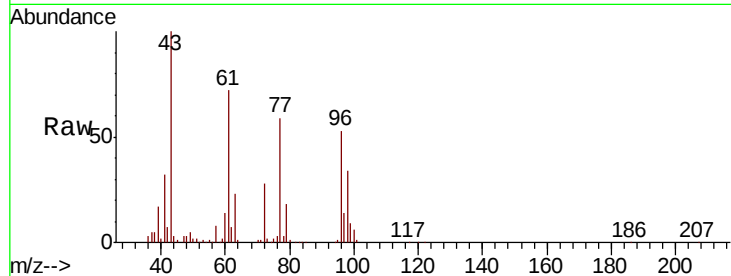
#25
 2-Butanone
 Concen: 230.923 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 736342
 Ion Ratio Lower Upper
 43 100
 72 27.6 22.3 33.5

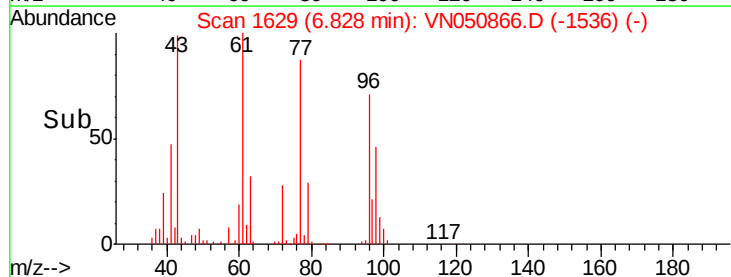
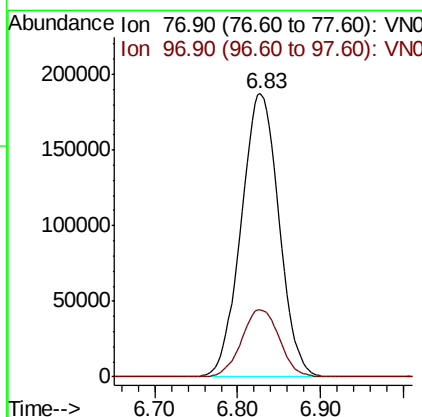
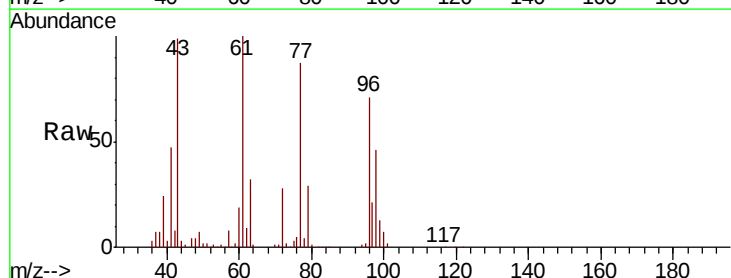
Manual Integrations
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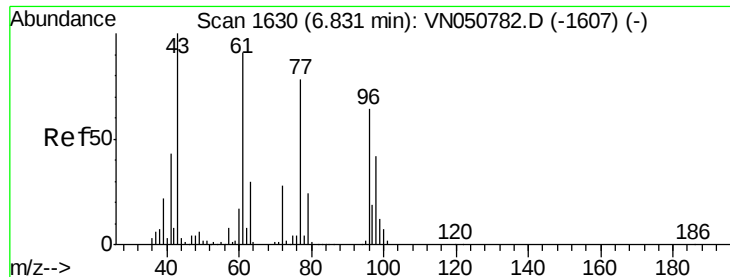
MMDadoda
 8/25/2018 1:18:33 PM



#26
 2,2-Dichloropropane
 Concen: 50.226 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion: 77 Resp: 593959
 Ion Ratio Lower Upper
 77 100
 97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 51.865 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

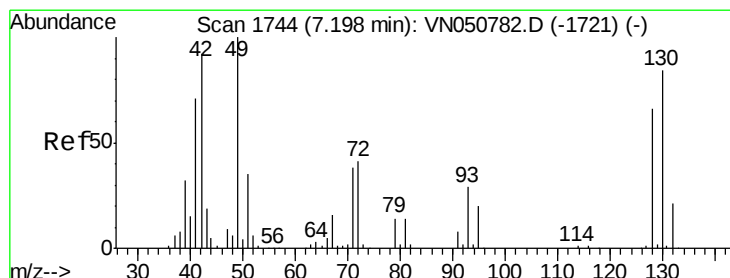
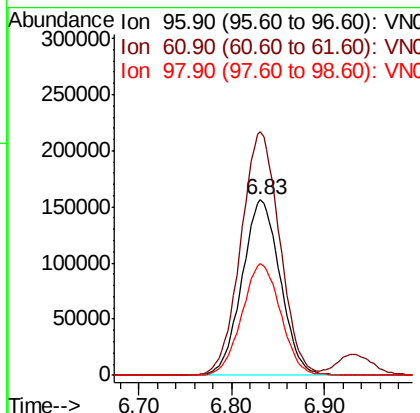
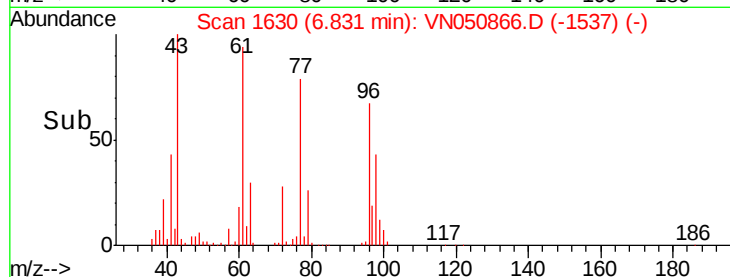
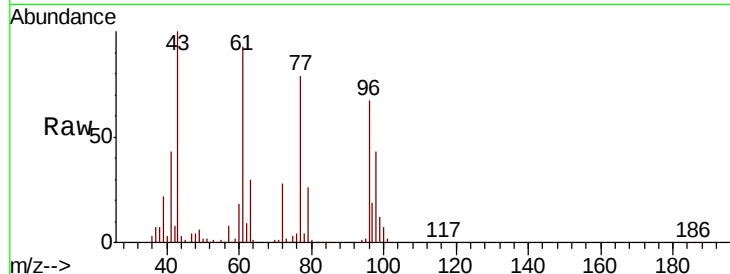
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	446446
Ion Ratio	Lower	Upper	
96	100		
61	141.2	0.0	283.4
98	64.7	0.0	129.8

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#28

Bromochloromethane

Concen: 50.488 ug/l

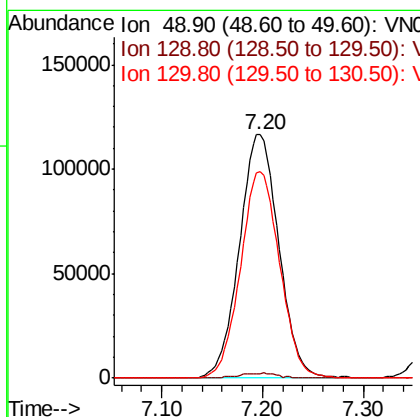
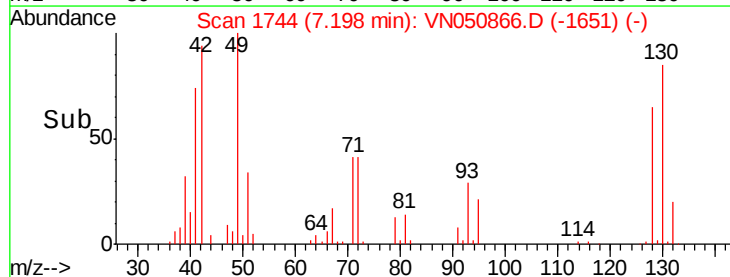
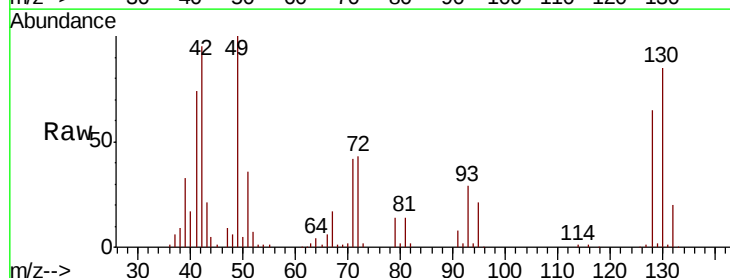
RT: 7.20 min Scan# 1744

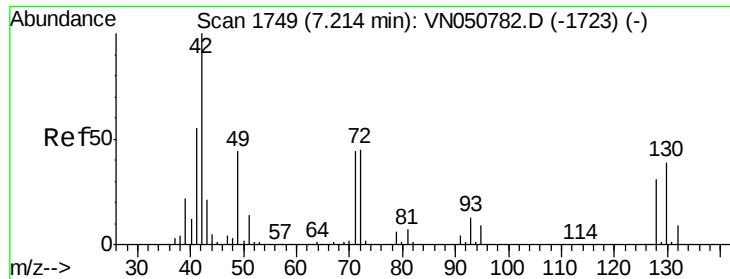
Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion:	49	Resp:	315738
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.2
130	84.6	67.1	100.7





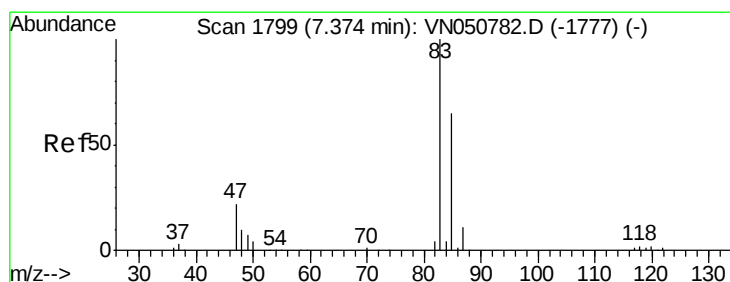
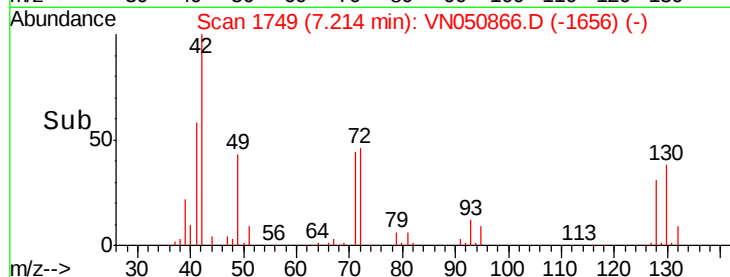
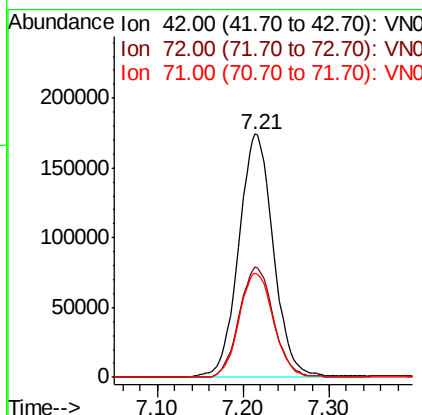
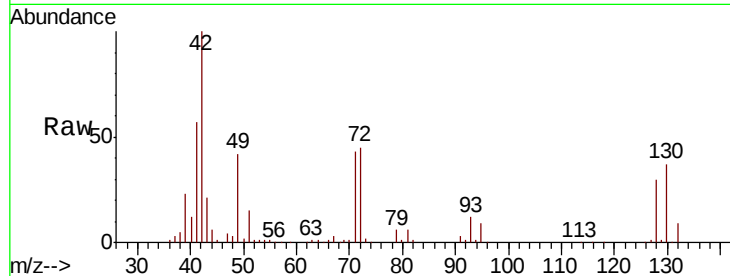
#29
Tetrahydrofuran
Concen: 264.189 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.5	53.3
71	43.1	33.7	50.5

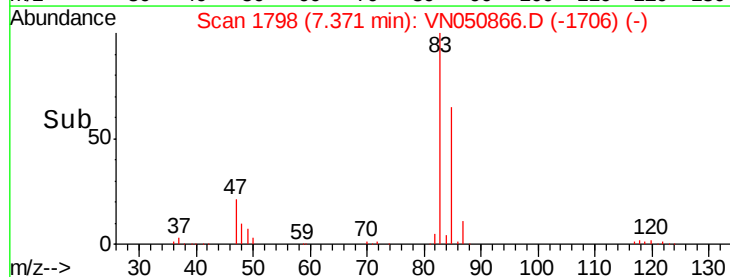
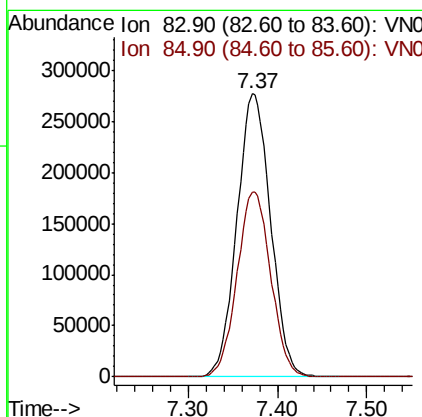
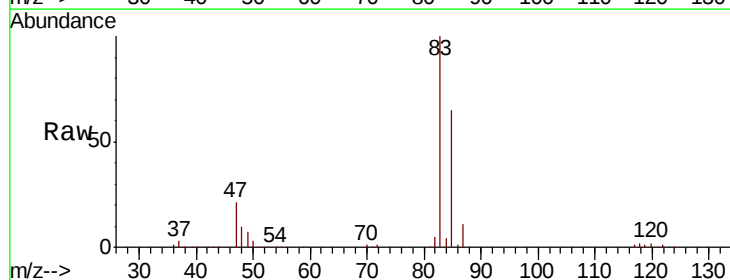
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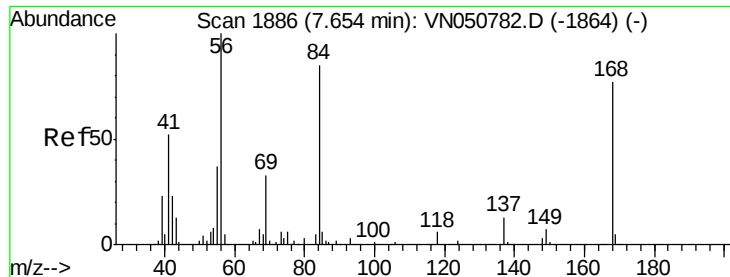
MMDadoda
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#30
Chloroform
Concen: 49.750 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4





#31

Cyclohexane

Concen: 49.594 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 56 Resp: 663272
Ion Ratio Lower Upper

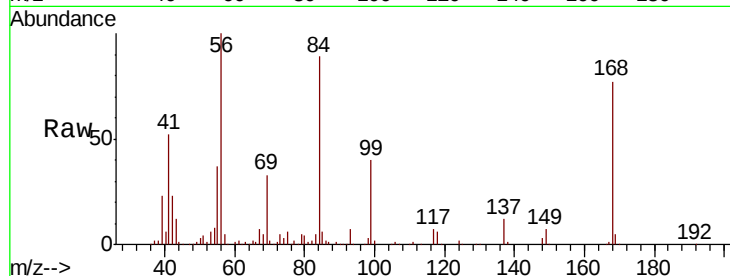
56 100

69 33.0 26.2 39.4

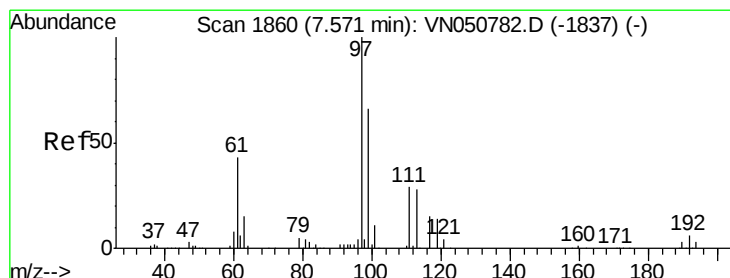
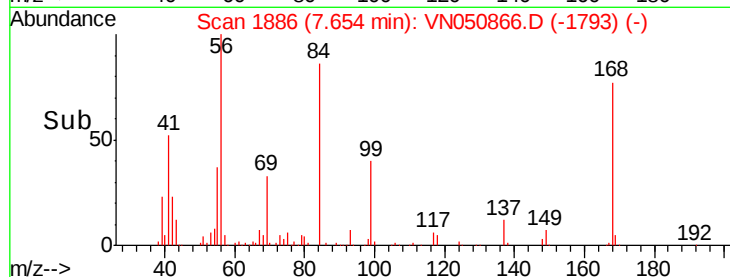
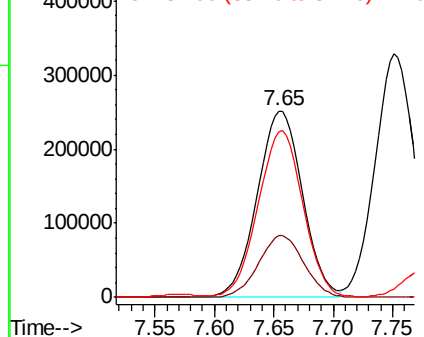
84 87.8 68.3 102.5

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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.253 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN050866.D

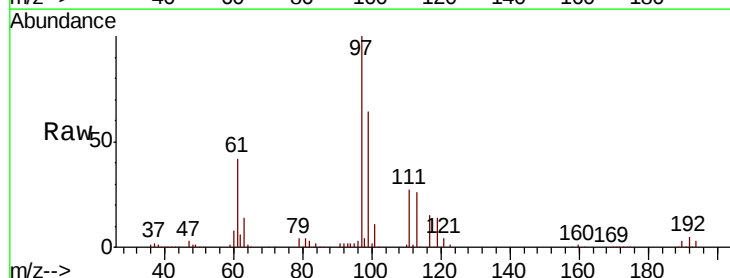
Acq: 24 Aug 2018 10:26

Tgt Ion: 97 Resp: 629060
Ion Ratio Lower Upper

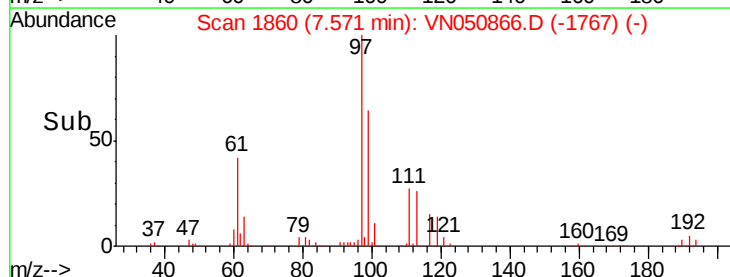
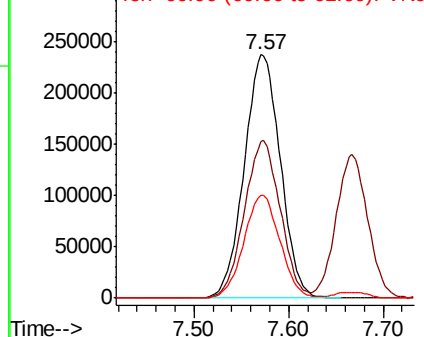
97 100

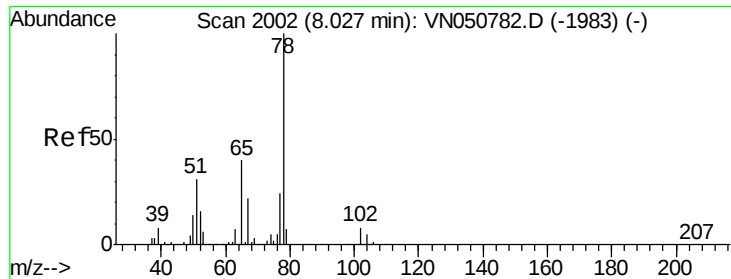
99 64.1 51.8 77.6

61 42.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





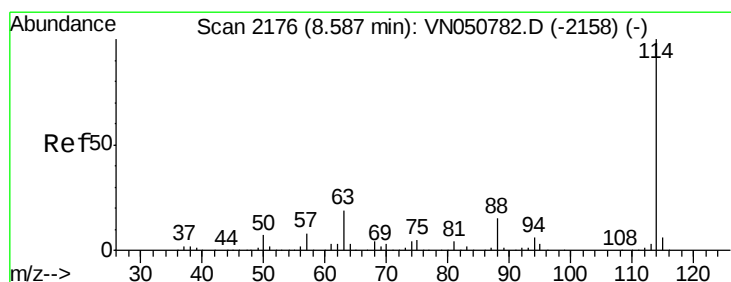
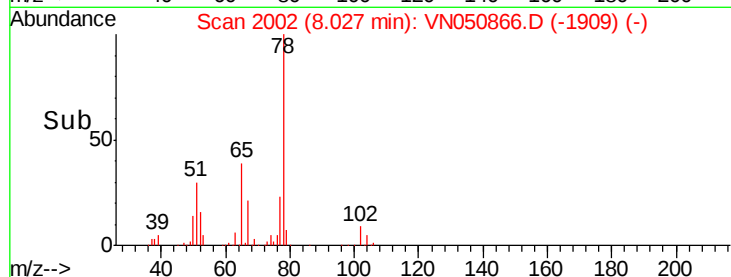
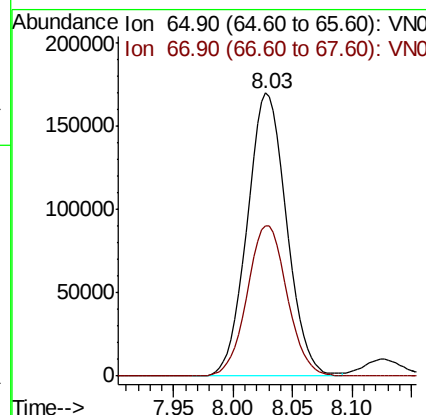
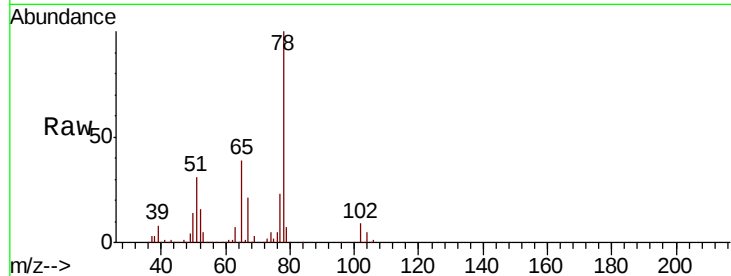
#33
 1,2-Dichloroethane-d4
 Concen: 49.291 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	390018		
67	54.0	0.0	110.4	

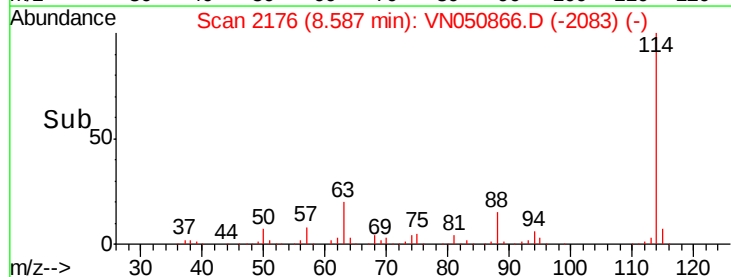
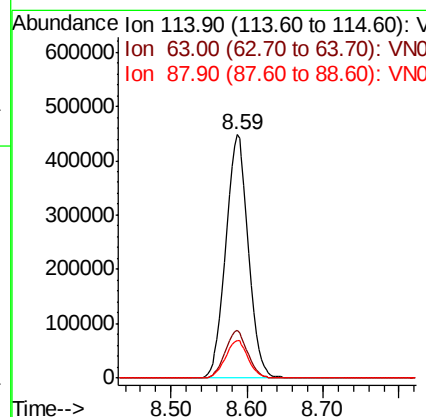
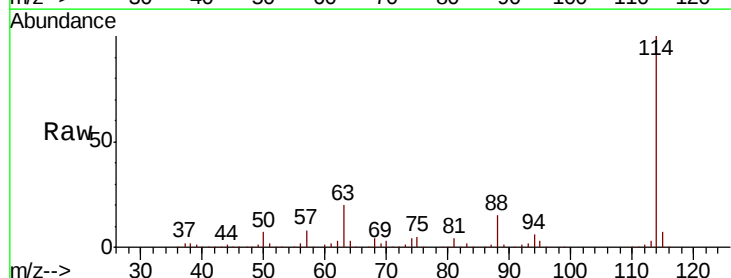
Manual Integrations
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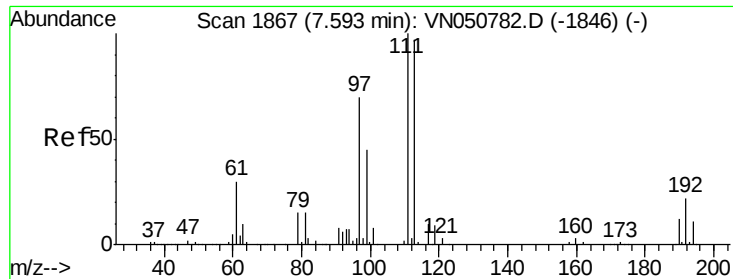
MMDadoda
 8/25/2018 1:18:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	927686		
63	19.6	0.0	38.6	
88	15.5	0.0	30.6	





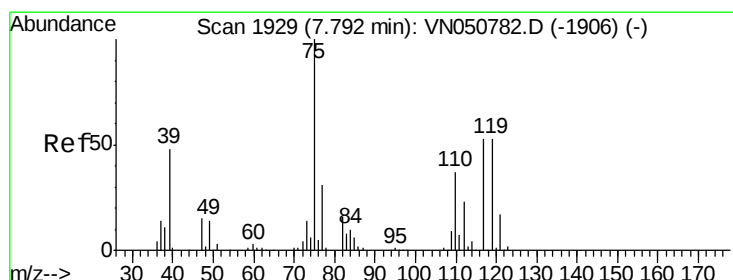
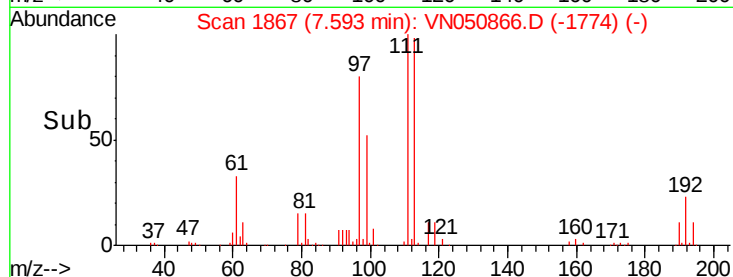
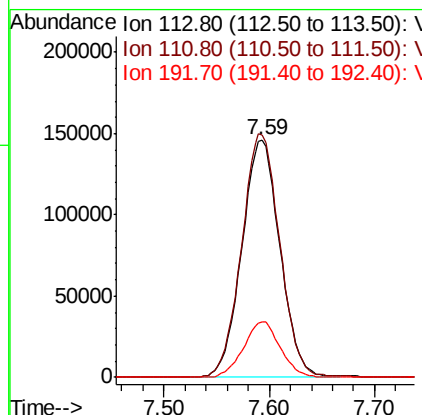
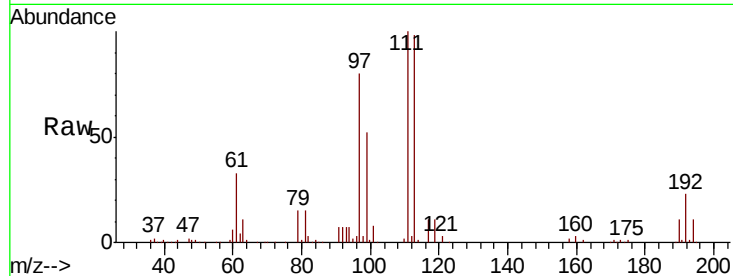
#35
 Dibromofluoromethane
 Concen: 49.796 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	367509		
111	103.0	82.6	123.8	
192	22.5	18.0	27.0	

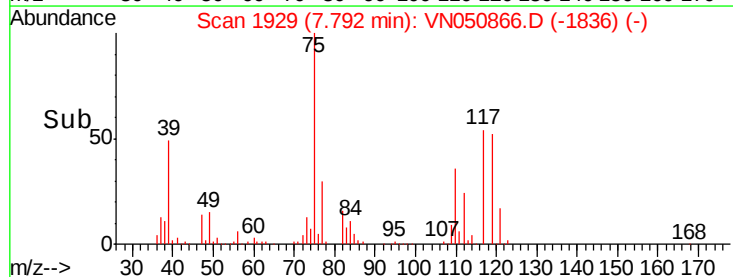
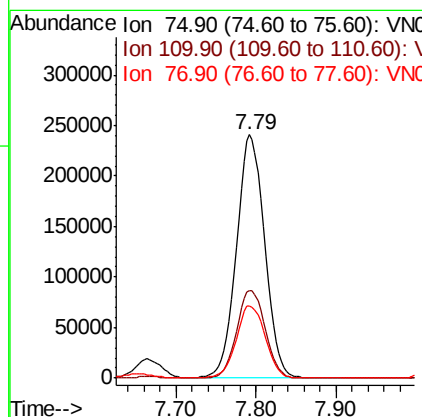
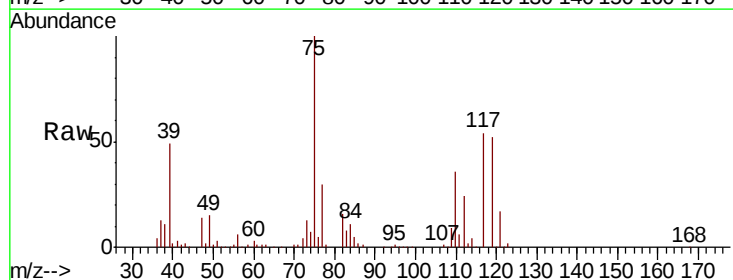
Manual Integrations
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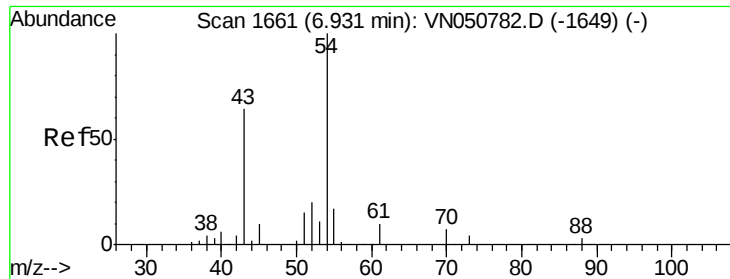
MMDadoda
 8/25/2018 1:18:33 PM



#36
 1,1-Dichloropropene
 Concen: 52.112 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	570475		
110	36.5	18.1	54.4	
77	30.8	24.8	37.2	





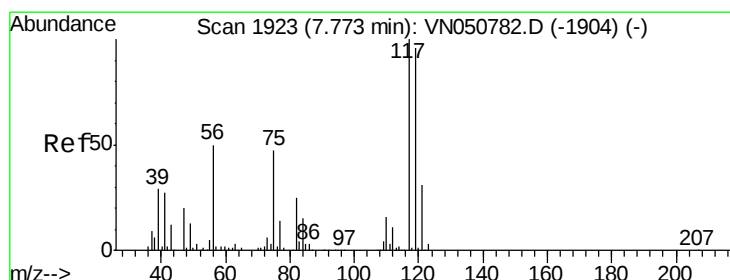
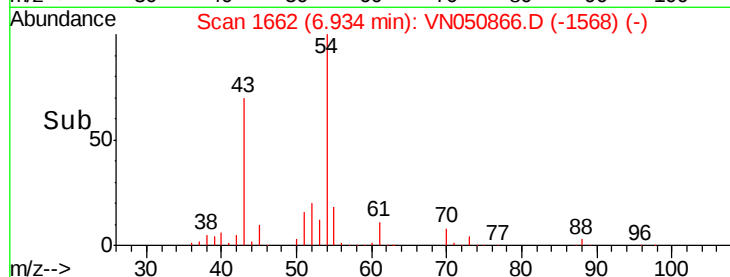
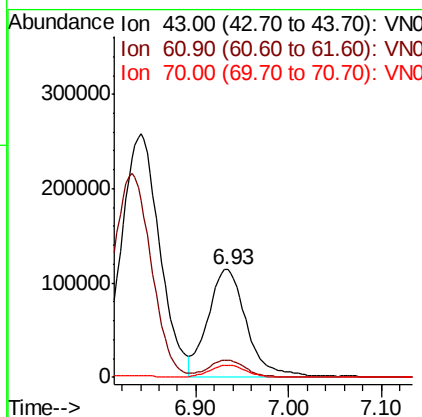
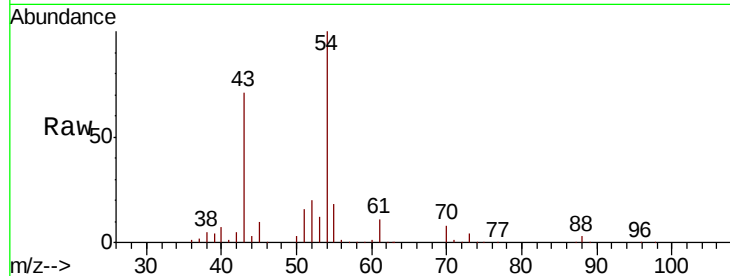
#37
Ethyl Acetate
Concen: 52.013 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.0	18.0
70	10.9	8.6	13.0

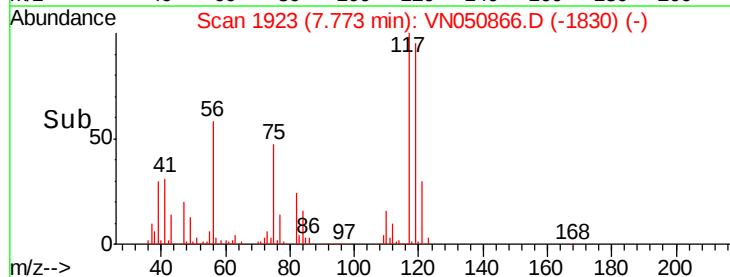
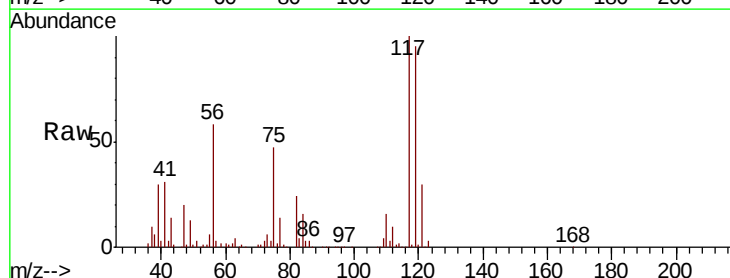
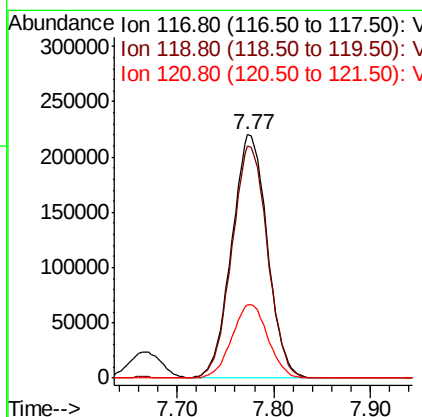
Manual Integrations
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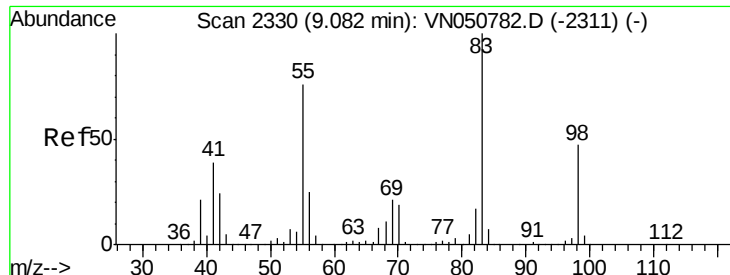
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.806 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.3	114.5
121	30.3	24.6	36.8





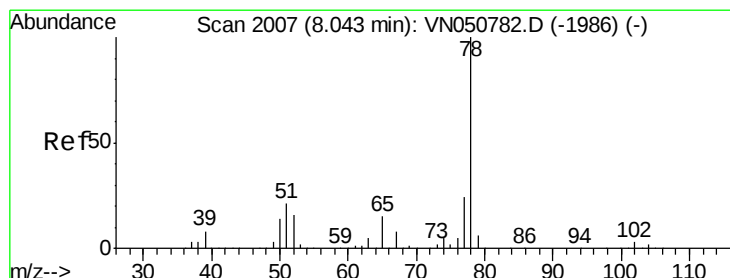
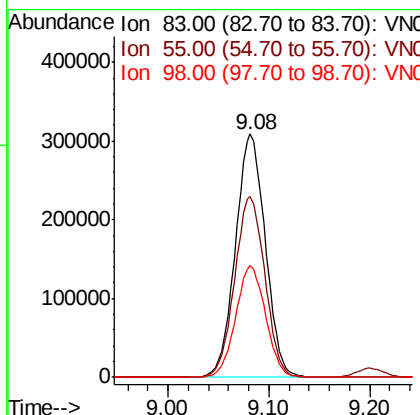
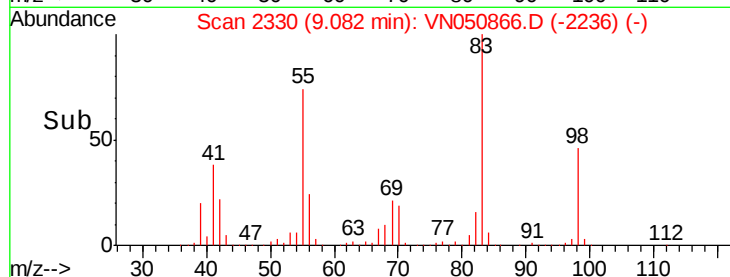
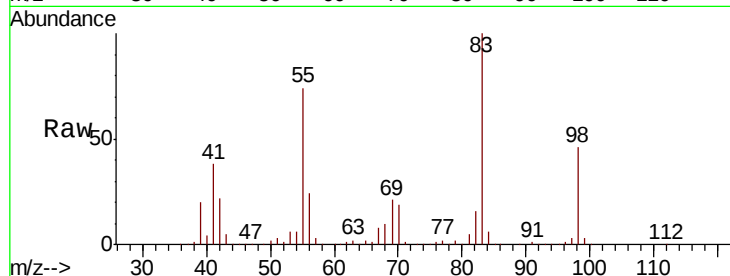
#39
Methylcyclohexane
Concen: 53.438 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	632880
Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.0	91.4
98	45.7	37.5	56.3

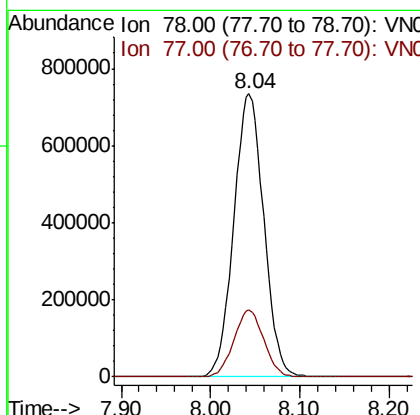
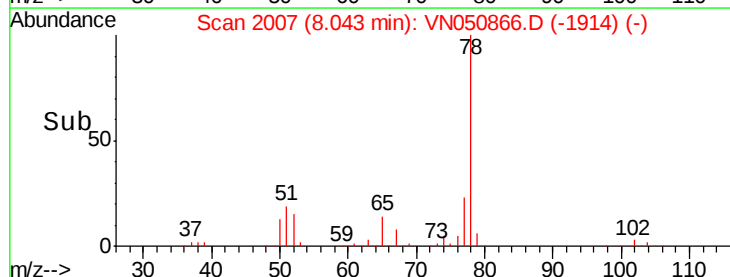
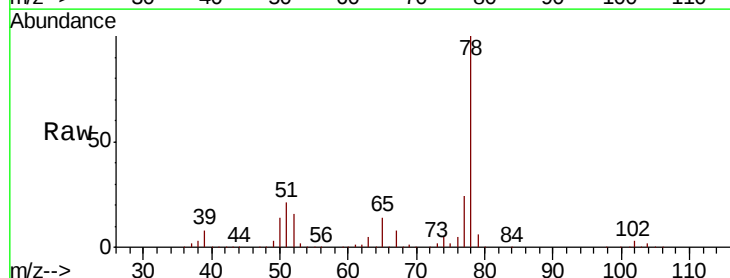
Manual Integrations
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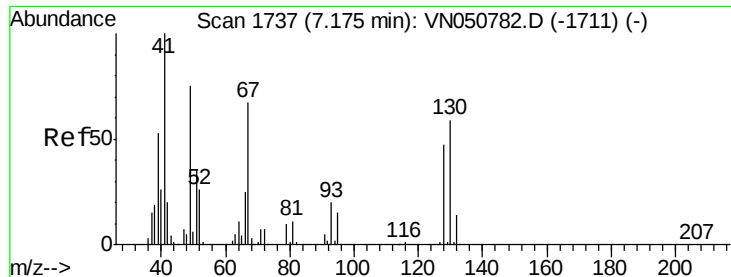
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#40
Benzene
Concen: 51.865 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion:	78	Resp:	1712088
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





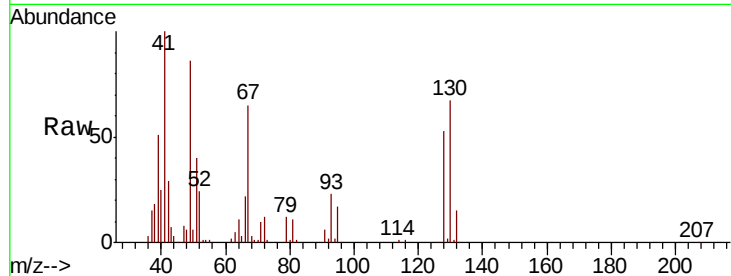
#41
Methacrylonitrile
Concen: 55.042 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

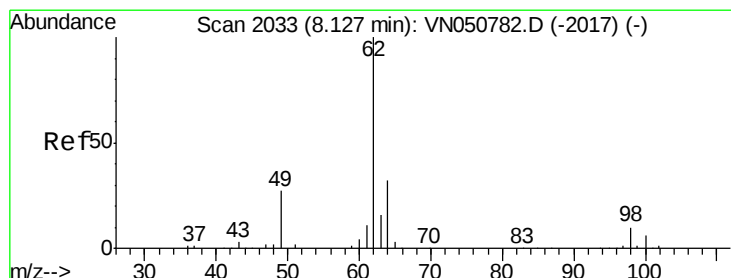
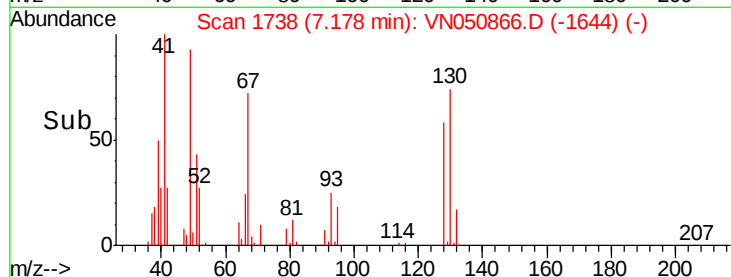
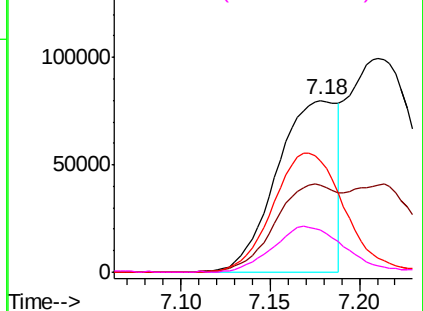
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.4	68.0
67	83.2	70.6	106.0
52	31.3	27.1	40.7

Manual Integrations
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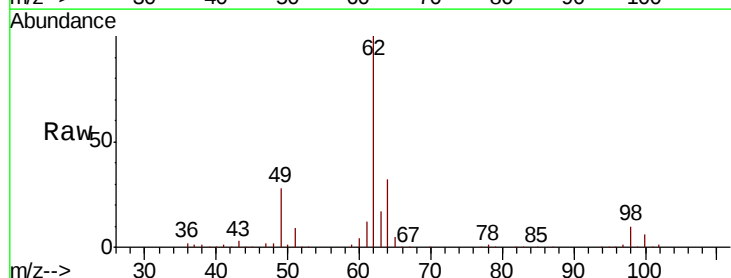


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

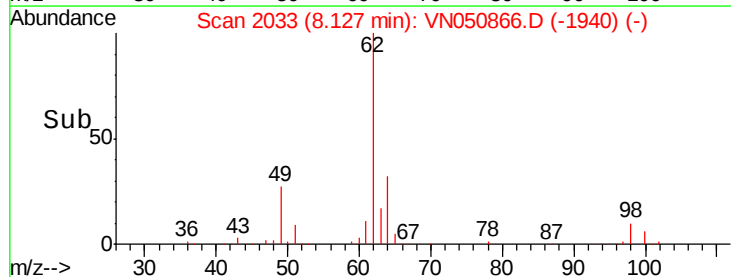
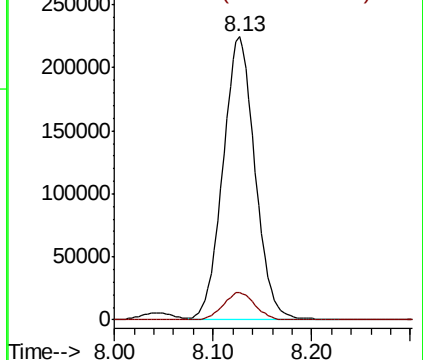


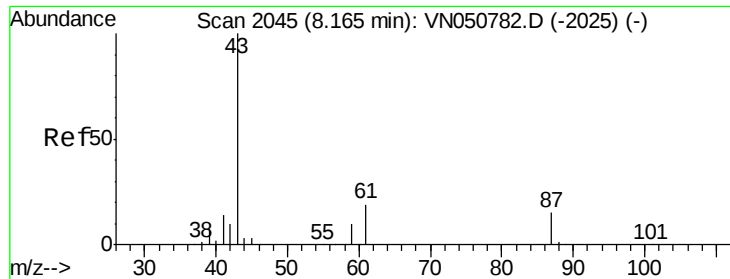
#42
1,2-Dichloroethane
Concen: 51.448 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





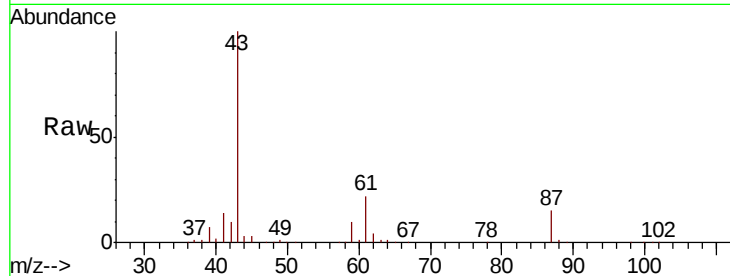
#43
Isopropyl Acetate
Concen: 53.547 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

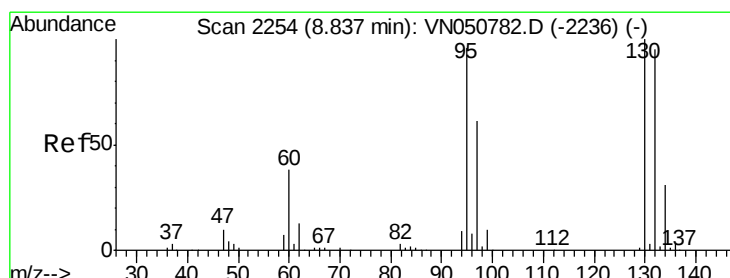
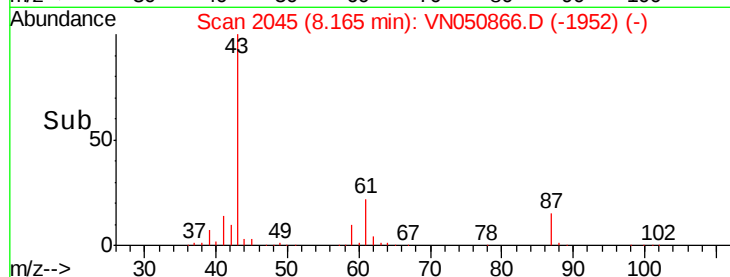
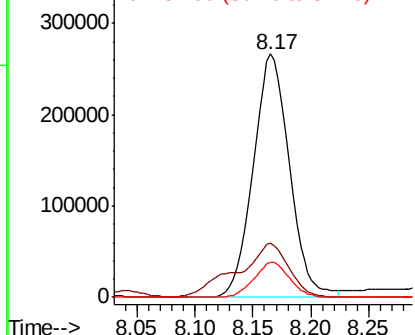
Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.0	17.5	26.3#
87	14.2	11.3	16.9

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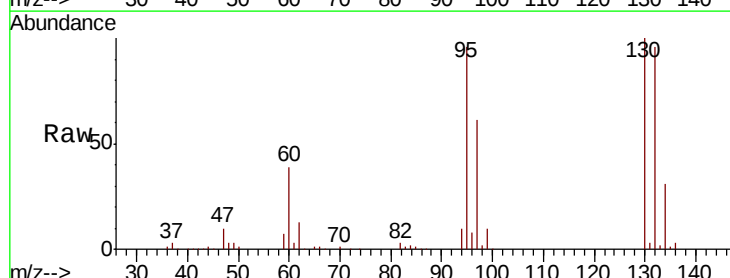


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

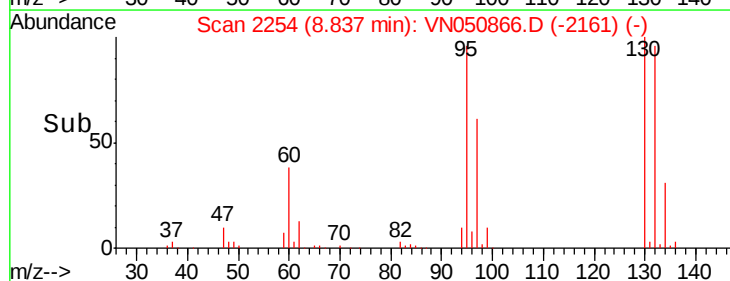
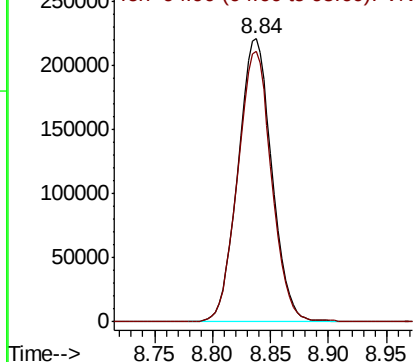


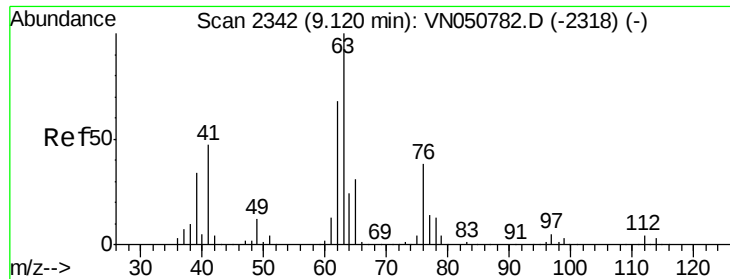
#44
Trichloroethene
Concen: 51.361 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 51.789 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 449321

Ion Ratio Lower Upper

63 100

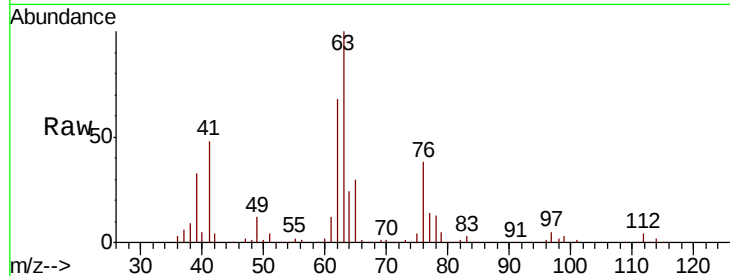
65 30.4 25.0 37.6

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Abundance Ion 62.90 (62.60 to 63.60): VN050866.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN050866.D (-2249) (-)

250000

200000

150000

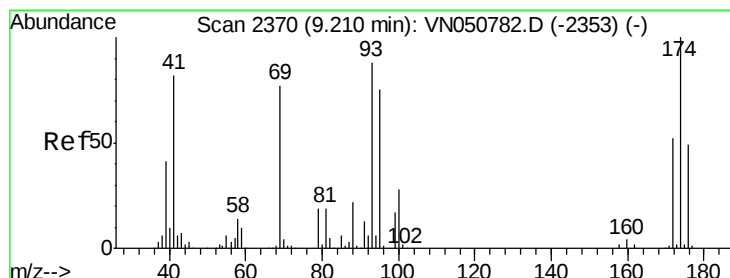
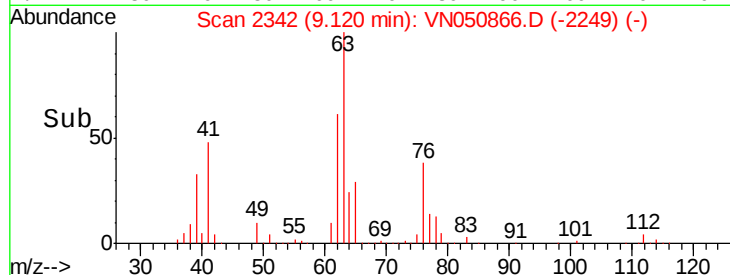
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.396 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

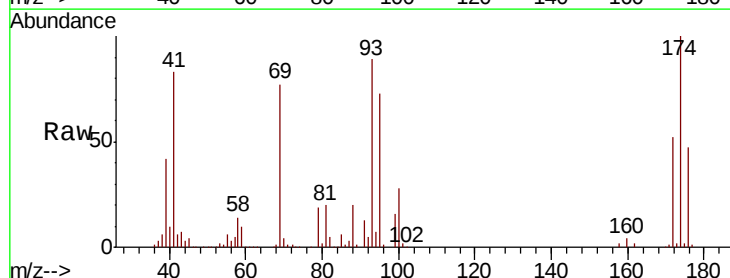
Tgt Ion: 93 Resp: 262003

Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 113.0 89.8 134.6



Abundance Ion 92.80 (92.50 to 93.50): VN050866.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN050866.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN050866.D (-2277) (-)

200000

150000

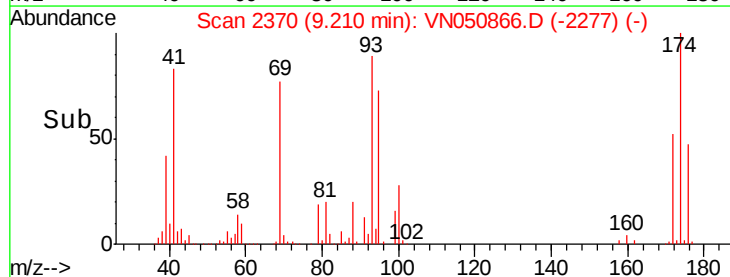
100000

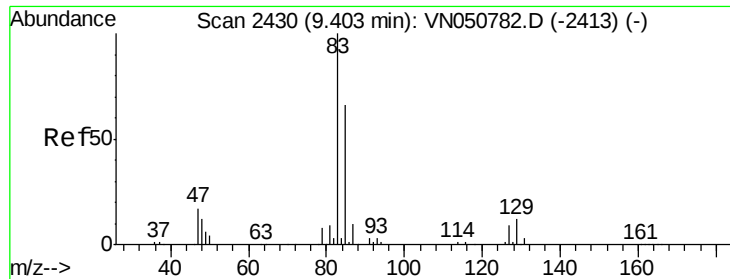
50000

0

9.10 9.15 9.20 9.25 9.30

Time-->





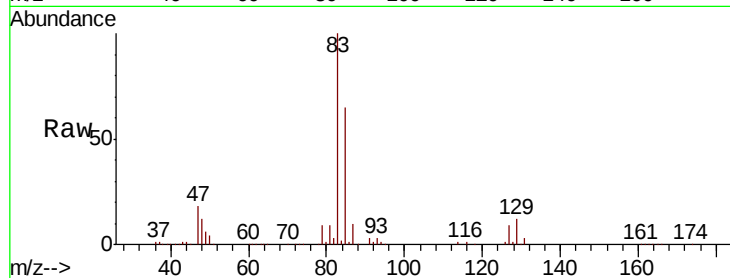
#47
Bromodichloromethane
Concen: 51.827 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

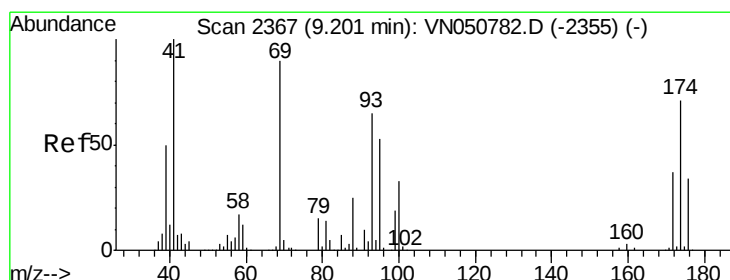
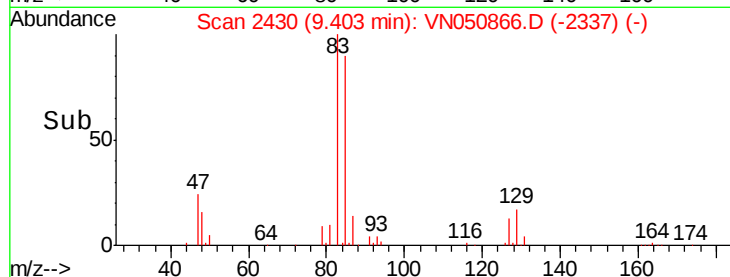
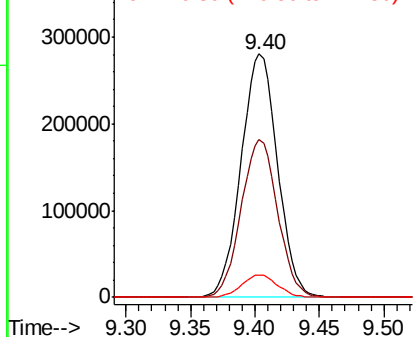
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	553371		
85	64.8	52.6	78.8	
127	9.2	7.2	10.8	

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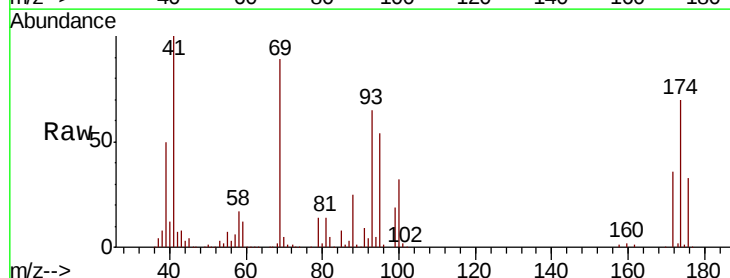


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

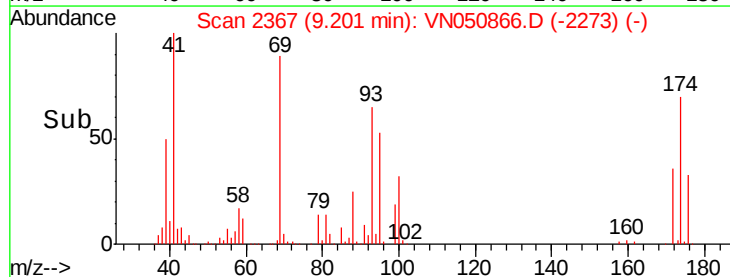
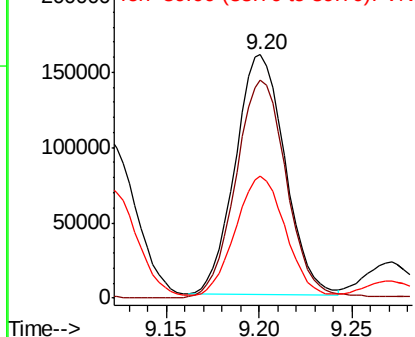


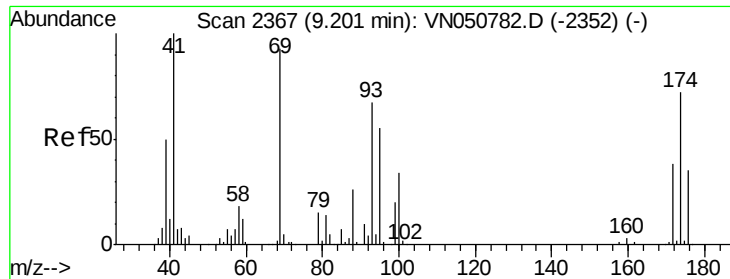
#48
Methyl methacrylate
Concen: 54.045 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	297801		
69	93.7	74.7	112.1	
39	51.8	42.2	63.2	



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





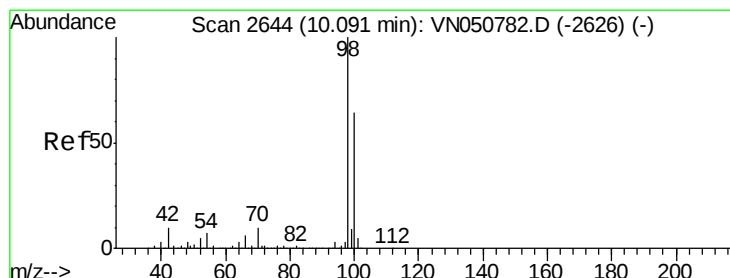
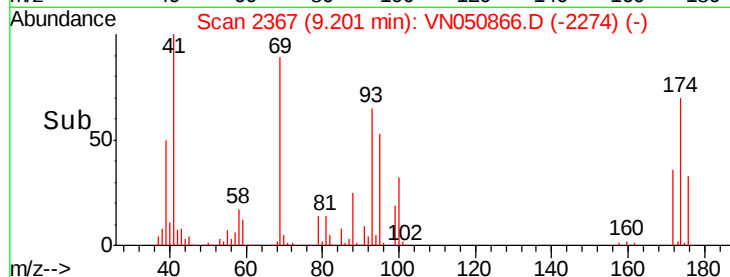
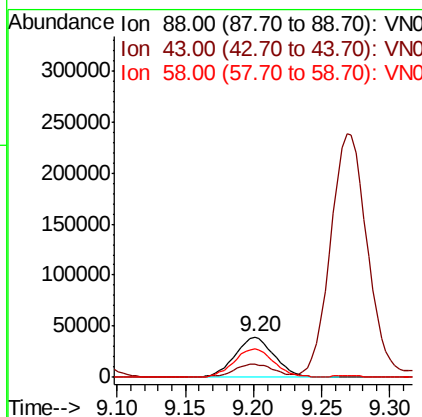
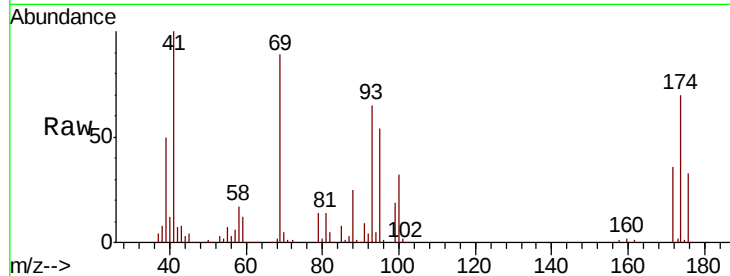
#49
1,4-Dioxane
Concen: 1058.374 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.9	38.9
58	71.3	55.0	82.4

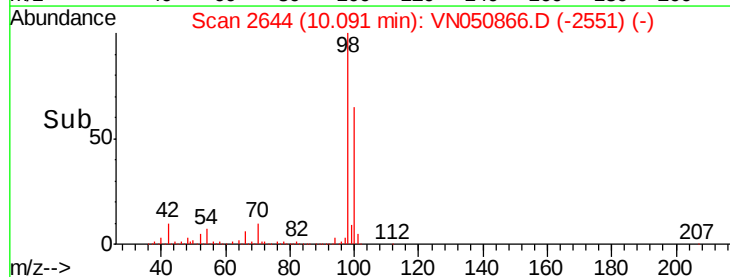
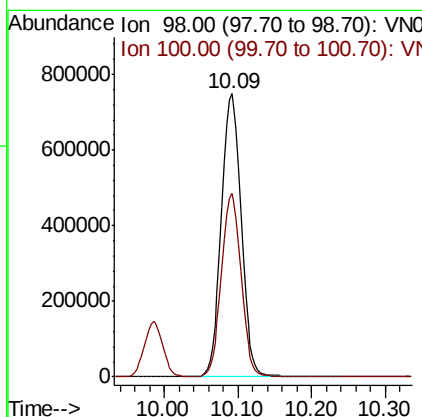
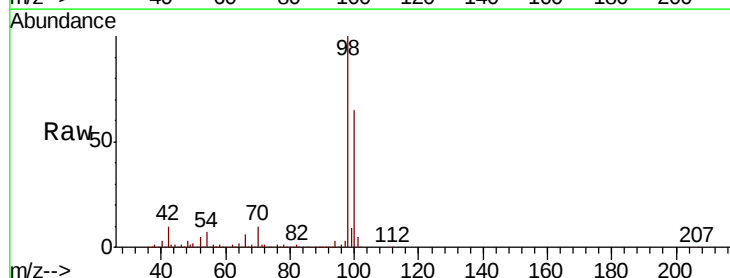
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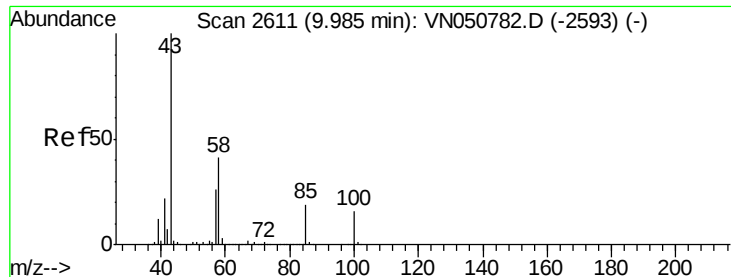
MMDadoda
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#50
Toluene-d8
Concen: 51.180 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





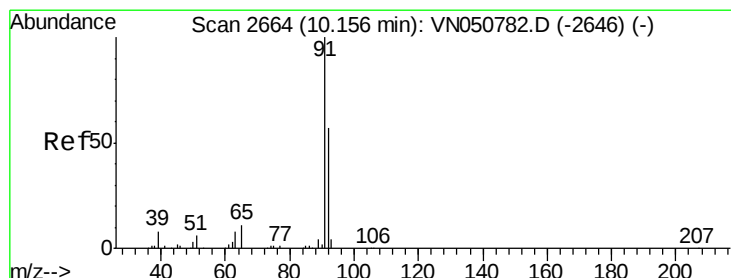
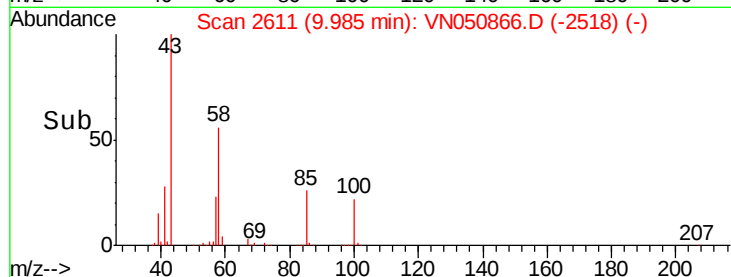
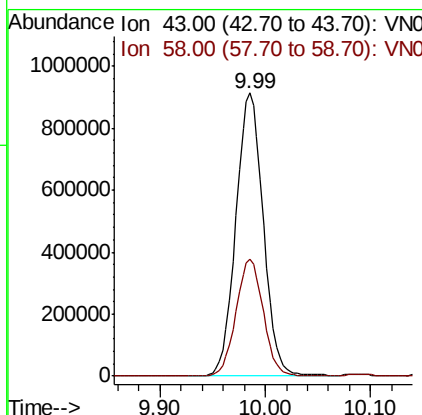
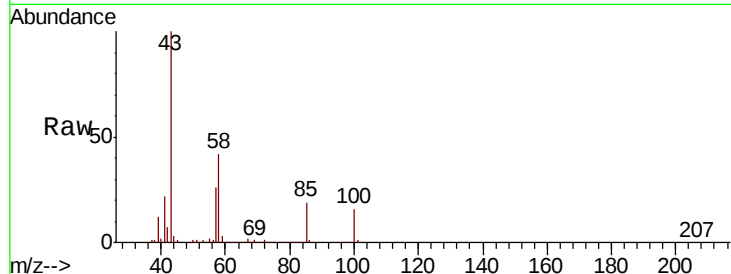
#51
 4-Methyl-2-Pentanone
 Concen: 254.161 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1639877
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.4 48.6

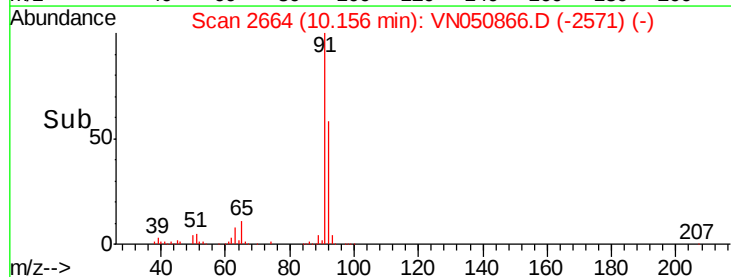
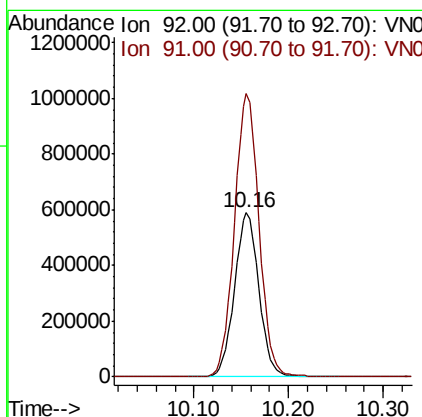
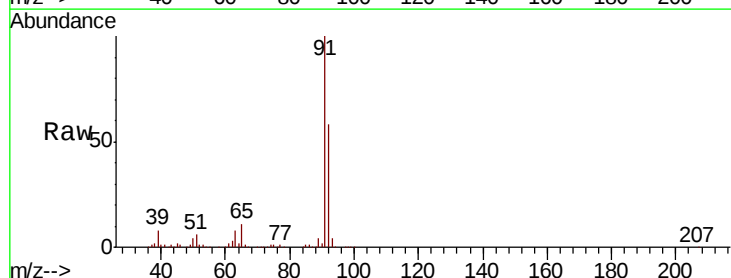
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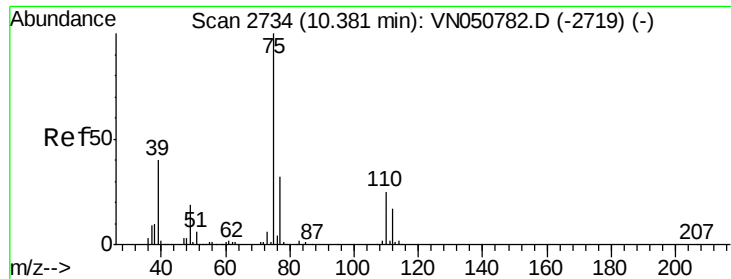
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#52
 Toluene
 Concen: 53.828 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion: 92 Resp: 1052613
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.6 211.0





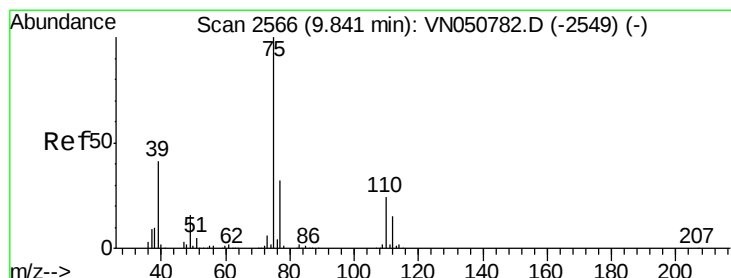
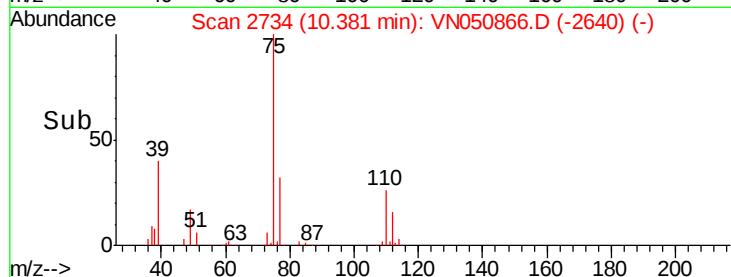
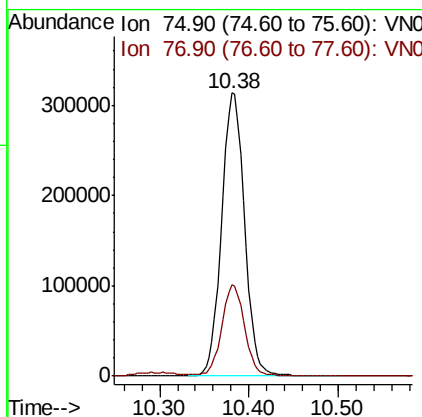
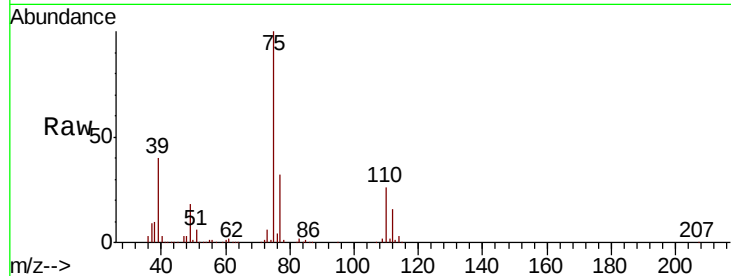
#53
t-1,3-Dichloropropene
Concen: 52.592 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 558928
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

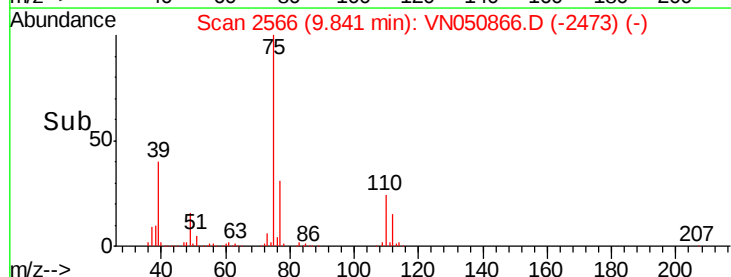
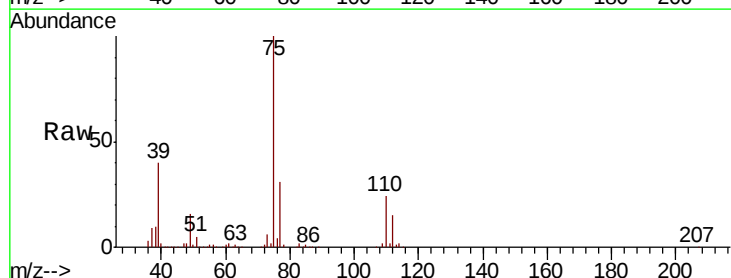
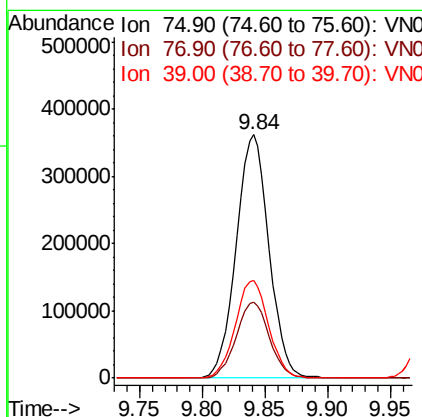
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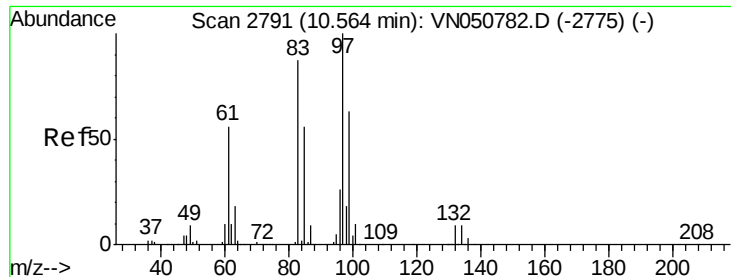
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#54
cis-1,3-Dichloropropene
Concen: 54.074 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 75 Resp: 658076
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 39.8 33.0 49.4





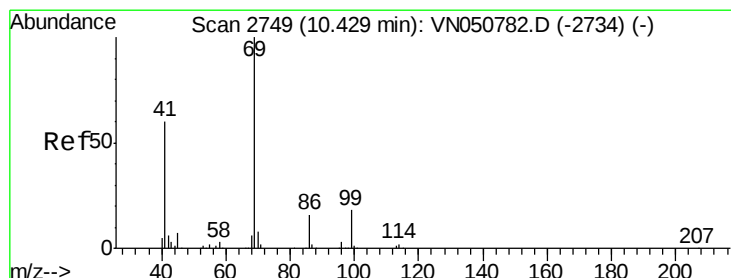
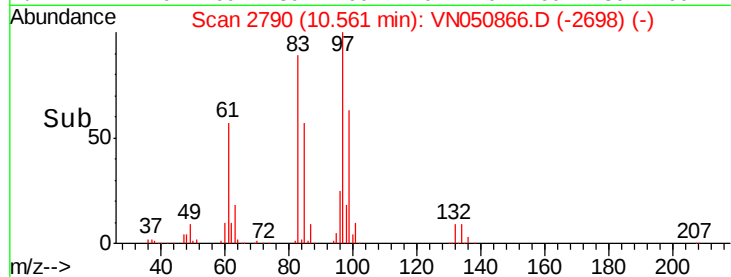
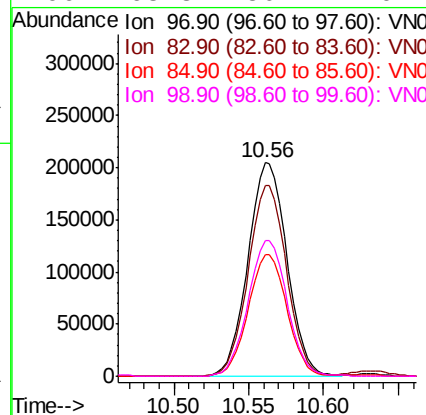
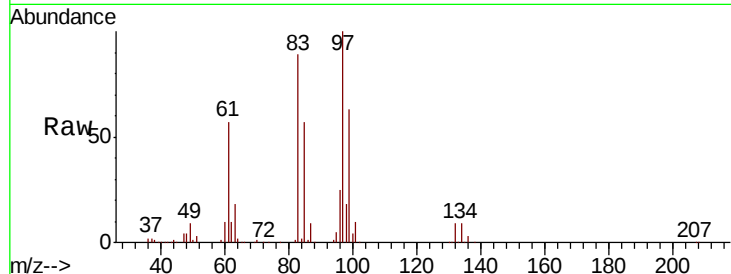
#55
 1,1,2-Trichloroethane
 Concen: 51.275 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	372159		
83	89.2	69.7	104.5	
85	56.9	44.5	66.7	
99	63.3	50.7	76.1	

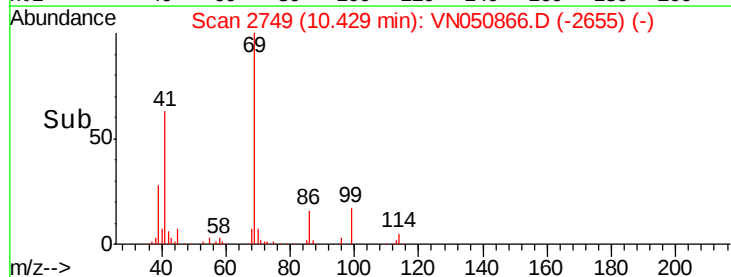
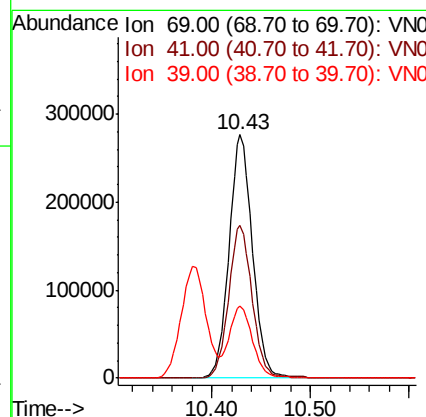
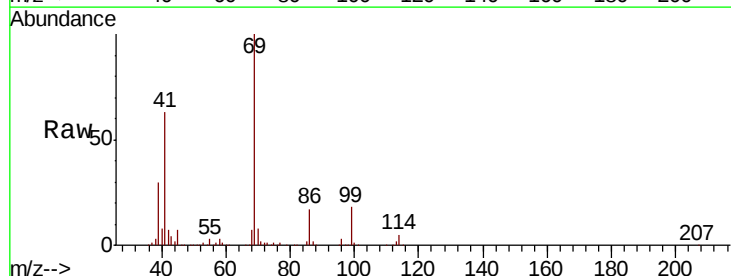
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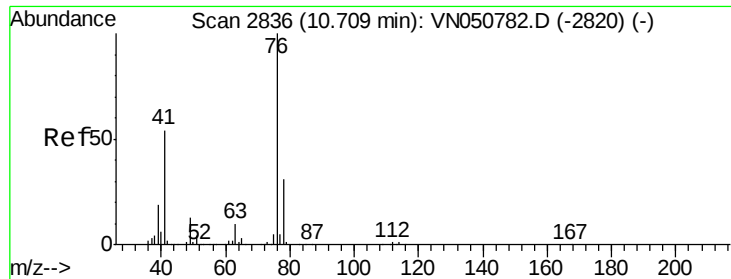
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#56
 Ethyl methacrylate
 Concen: 48.911 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	461297		
41	62.2	48.3	72.5	
39	29.7	24.0	36.0	





#57

1,3-Dichloropropane

Concen: 52.940 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 634218

Ion Ratio Lower Upper

76 100

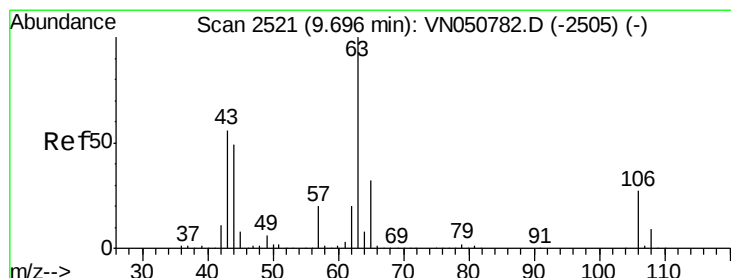
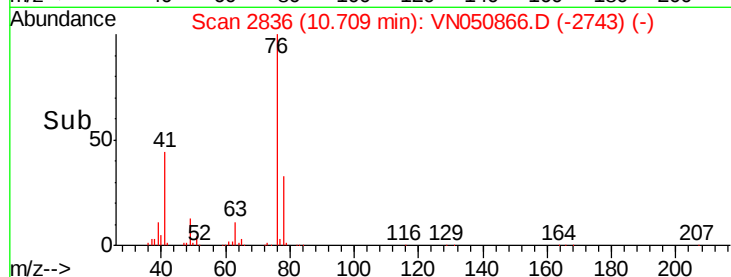
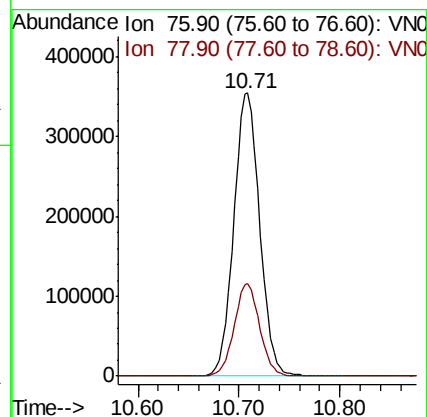
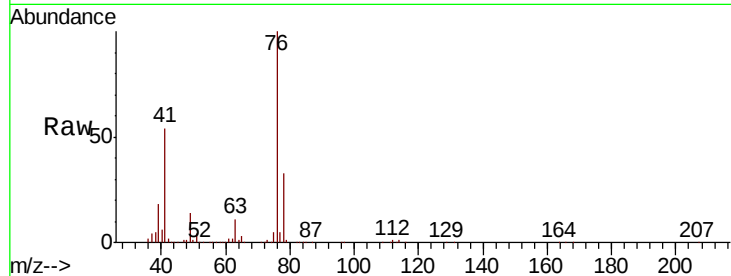
78 32.2 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 241.194 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050866.D

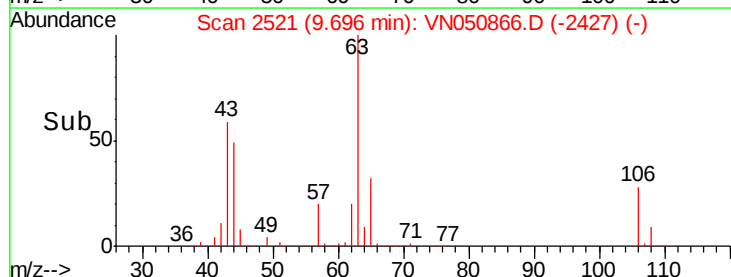
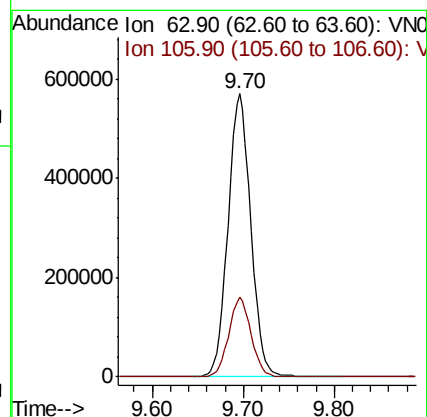
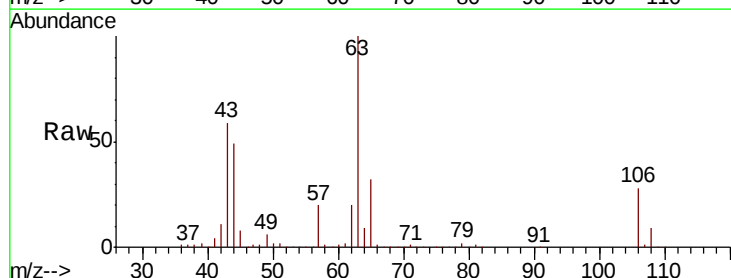
Acq: 24 Aug 2018 10:26

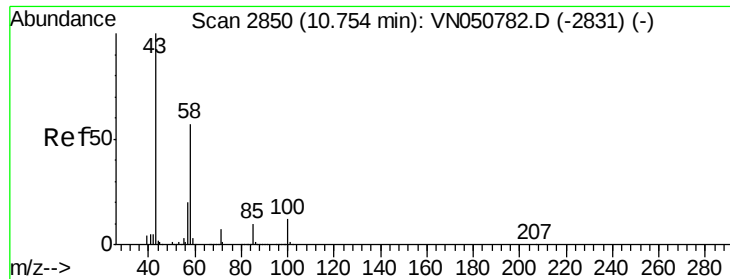
Tgt Ion: 63 Resp: 991842

Ion Ratio Lower Upper

63 100

106 27.5 21.9 32.9





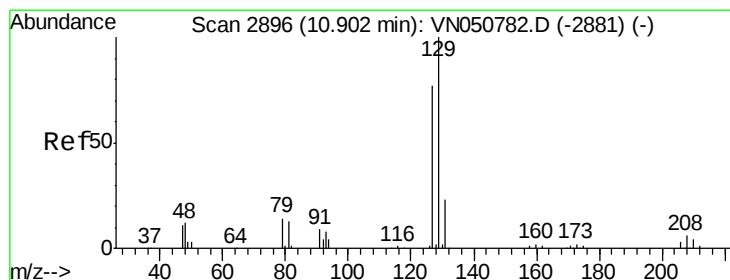
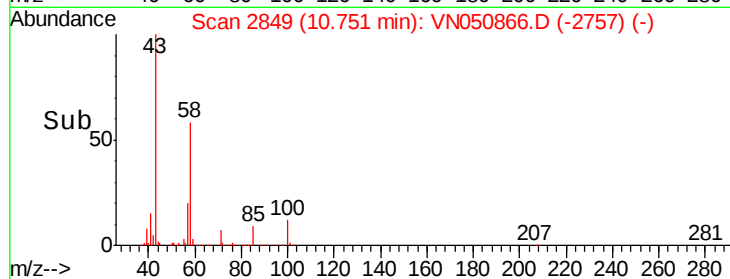
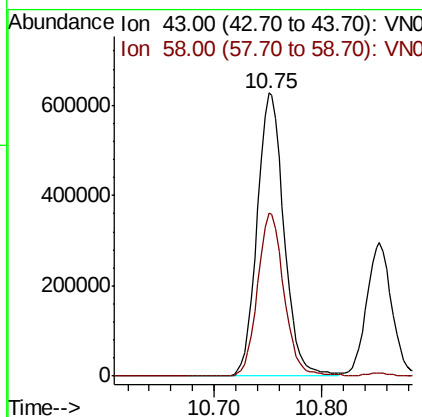
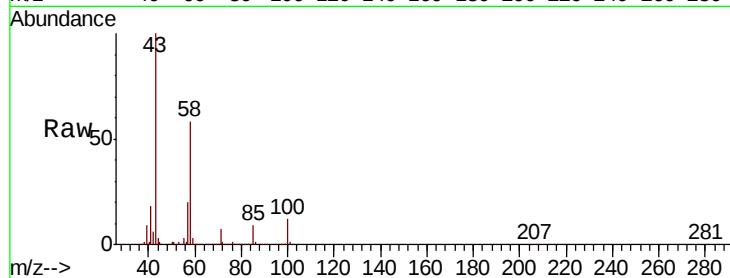
#59
2-Hexanone
Concen: 251.263 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1079254
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

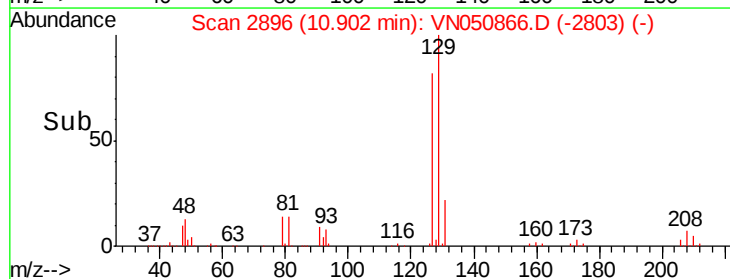
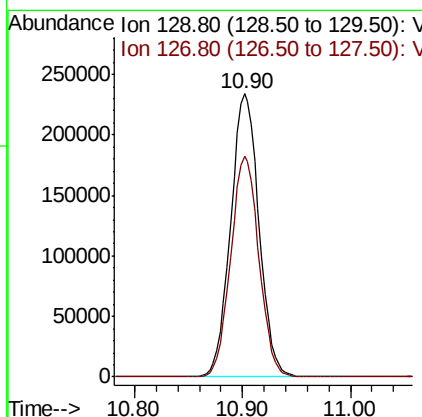
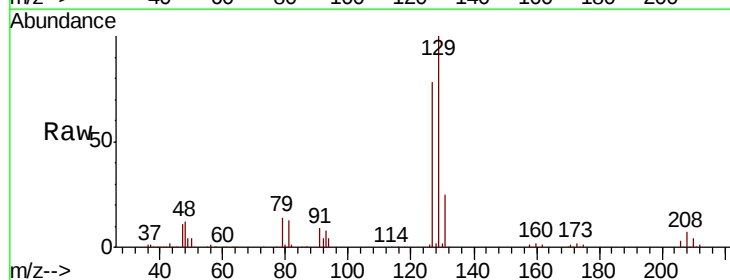
Manual Integrations
APPROVED

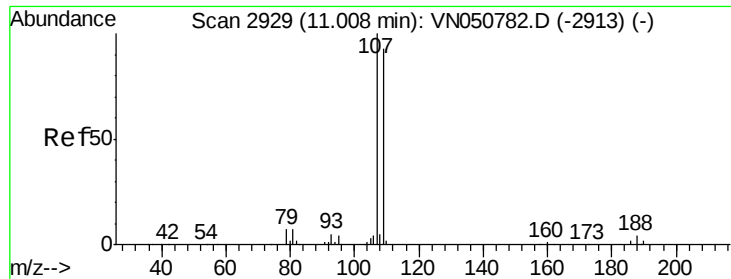
MMDadoda
8/25/2018 1:18:33 PM



#60
Dibromochloromethane
Concen: 52.736 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 129 Resp: 428560
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





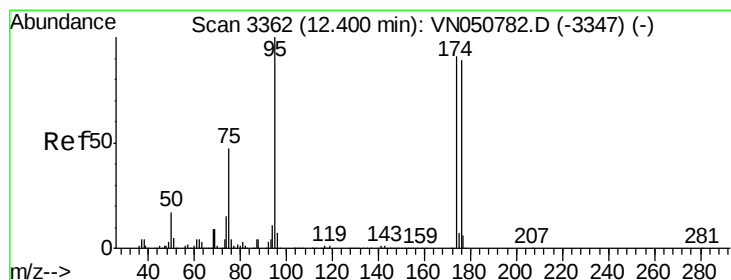
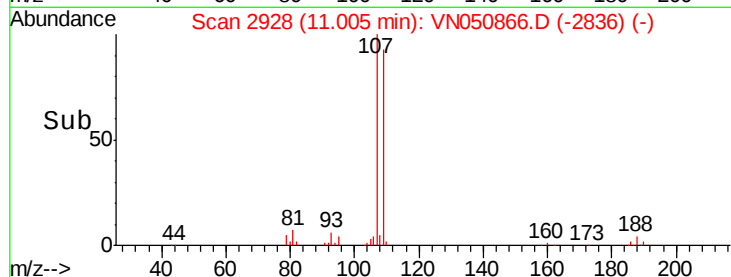
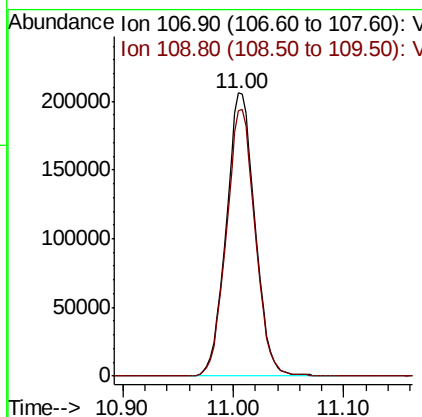
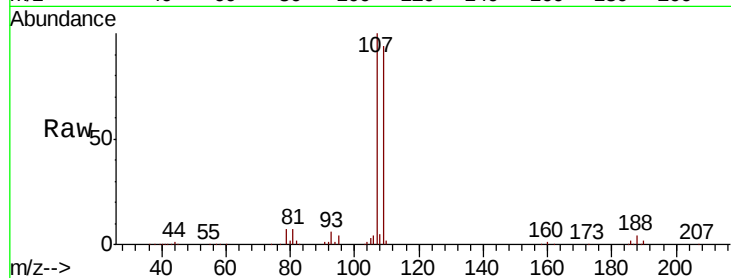
#61
1,2-Dibromoethane
Concen: 53.003 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	371996		
109	94.4	75.4	113.2	

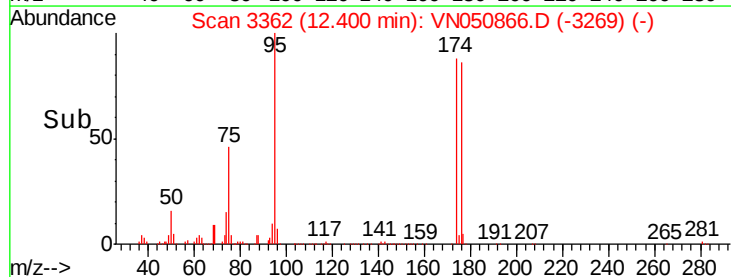
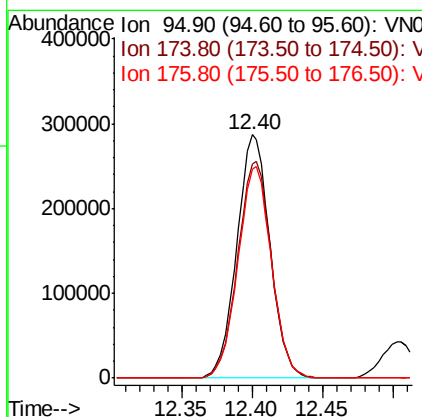
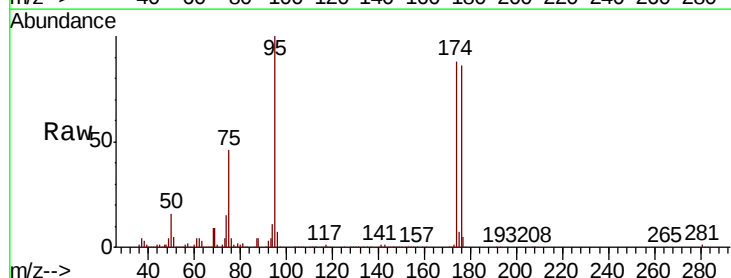
Manual Integrations
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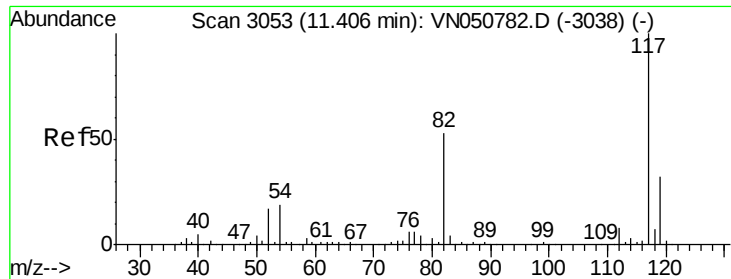
MMDadoda
8/25/2018 1:18:33 PM



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	472243		
174	90.8	0.0	183.0	
176	87.9	0.0	178.8	





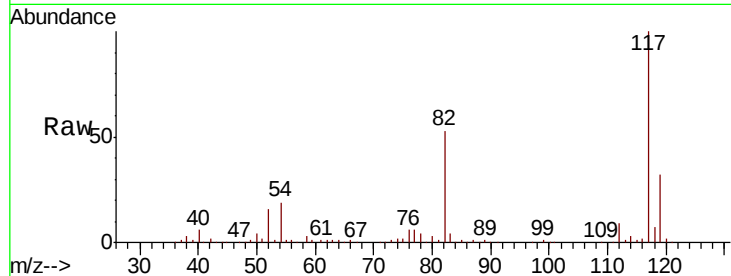
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

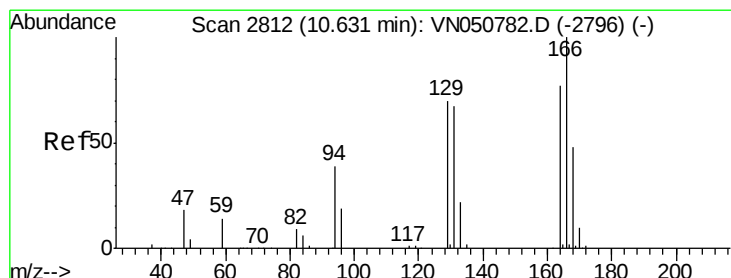
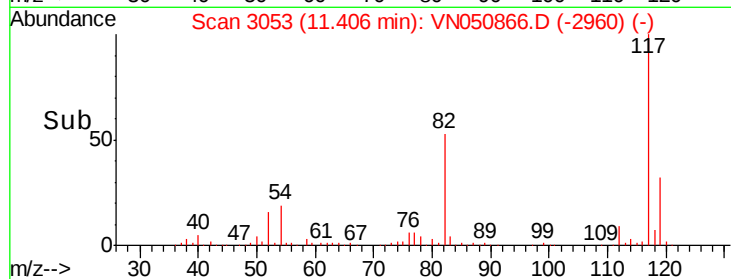
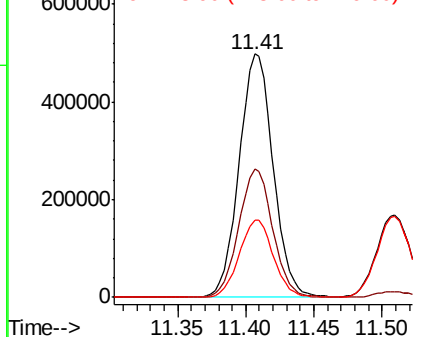
Tgt Ion:117 Resp: 863174
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 31.6 25.8 38.6

Manual Integrations
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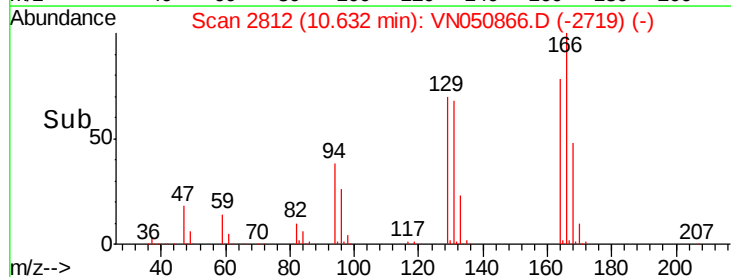
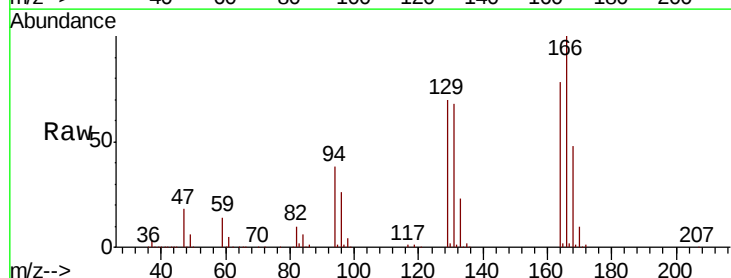
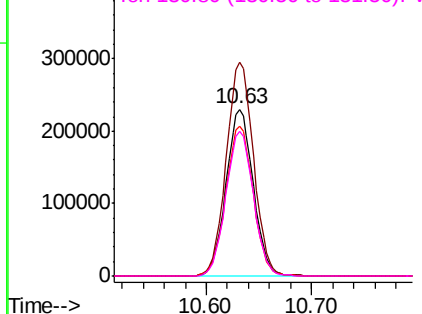
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

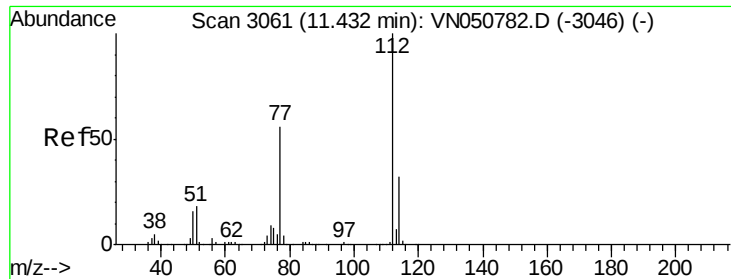


#64
Tetrachloroethene
Concen: 49.815 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion:164 Resp: 408412
Ion Ratio Lower Upper
164 100
166 128.0 103.5 155.3
129 90.1 72.7 109.1
131 86.5 69.5 104.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





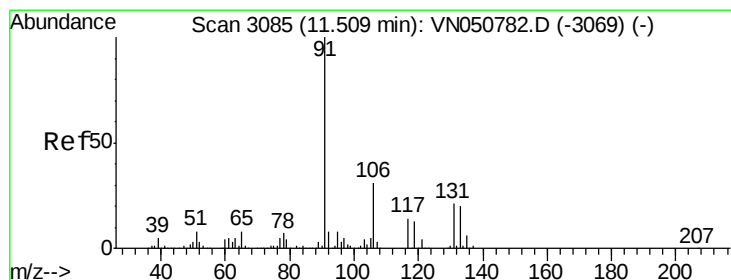
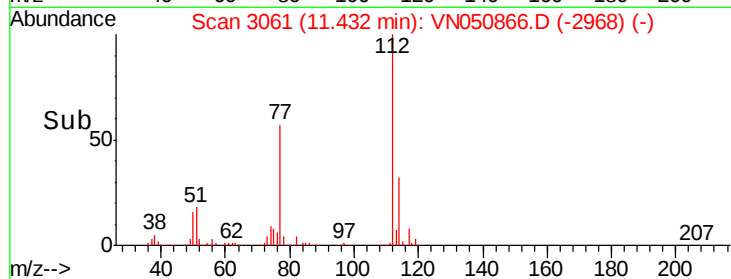
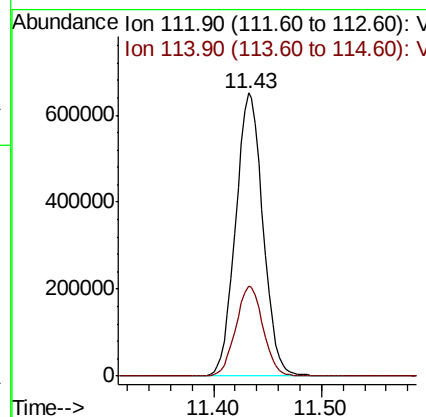
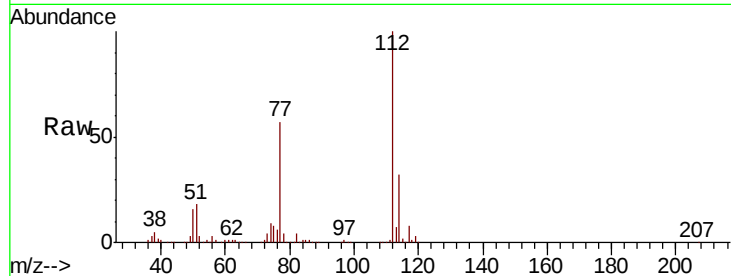
#65
Chlorobenzene
Concen: 50.947 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 1149439
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

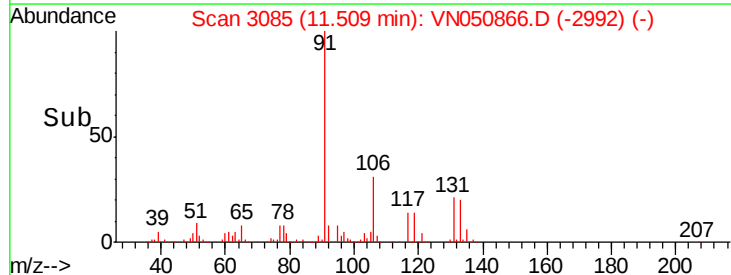
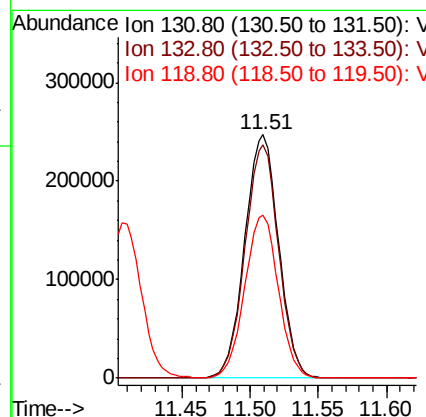
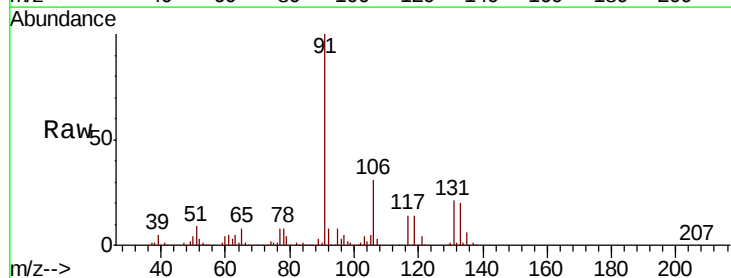
Manual Integrations
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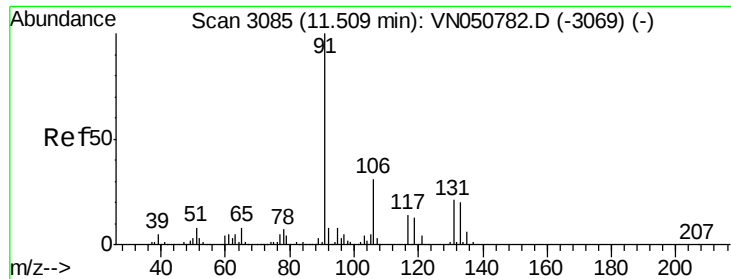
MMDadoda
8/25/2018 1:18:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.648 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion:131 Resp: 426348
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.5 32.8 98.4





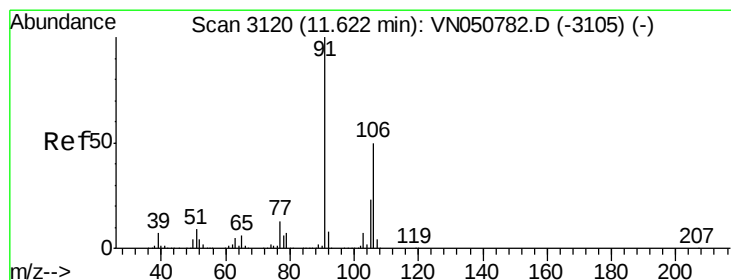
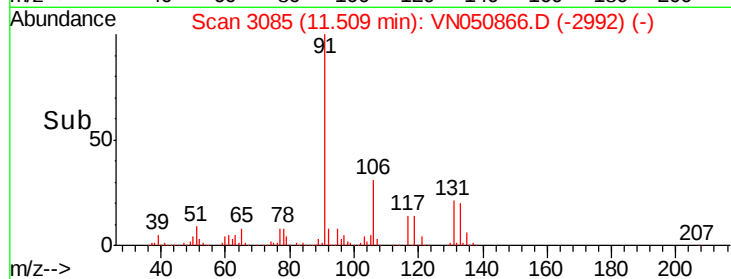
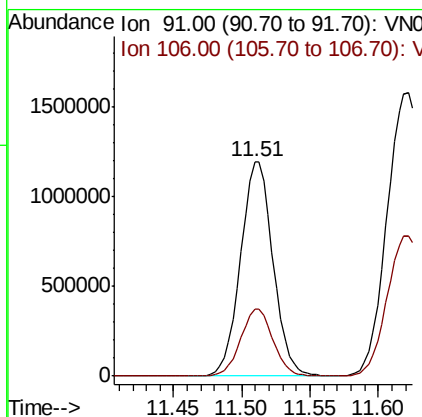
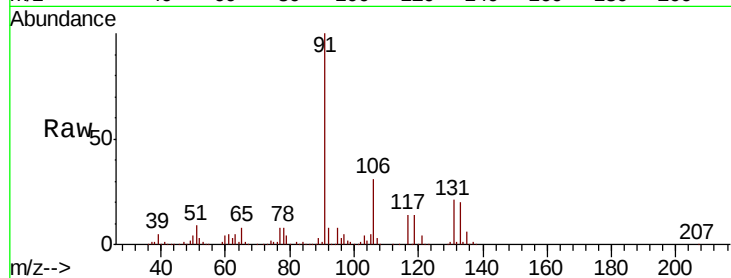
#67
Ethyl Benzene
Concen: 53.697 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1969544
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

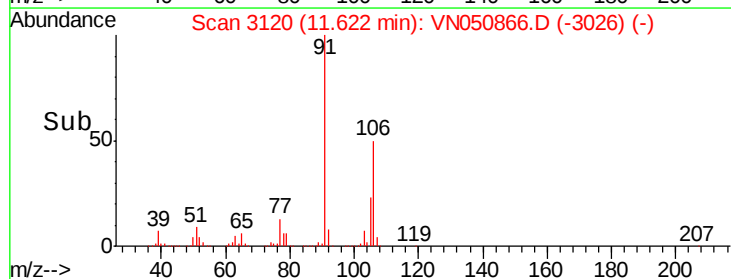
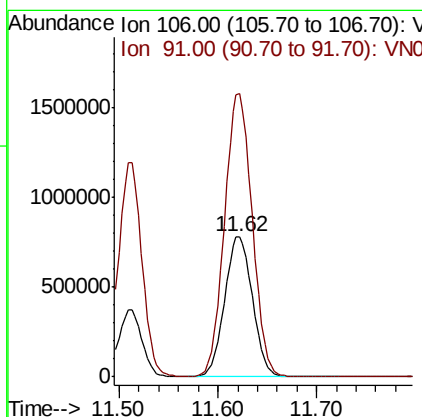
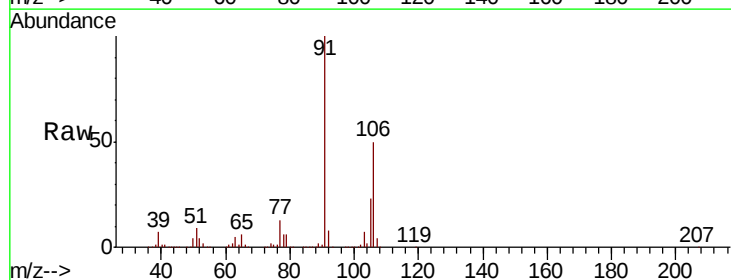
Manual Integrations
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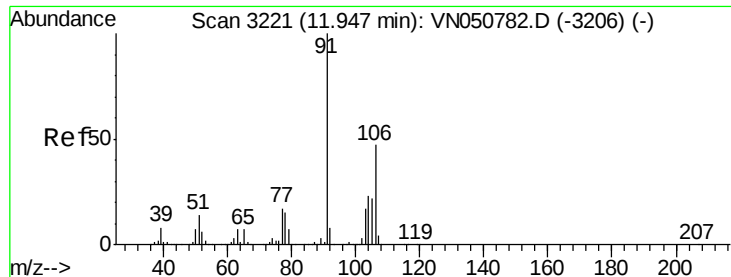
MMDadoda
8/25/2018 1:18:33 PM



#68
m/p-Xylenes
Concen: 110.303 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 106 Resp: 1535667
Ion Ratio Lower Upper
106 100
91 201.3 161.0 241.6





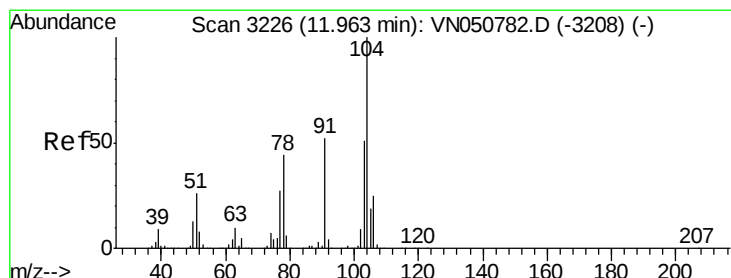
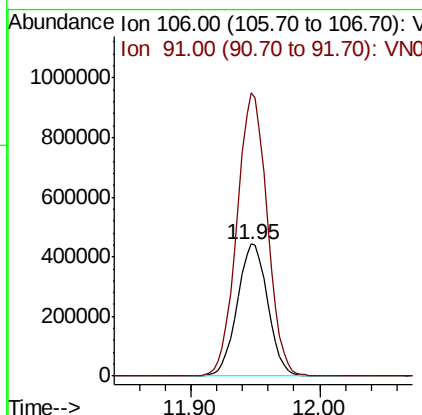
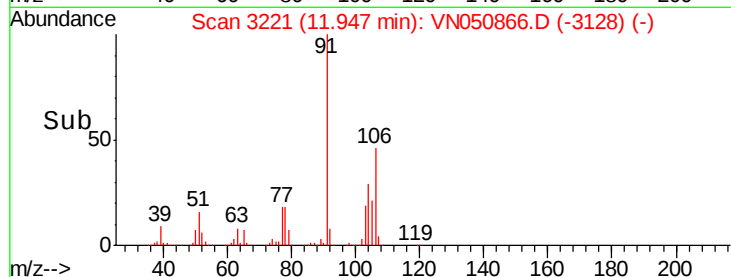
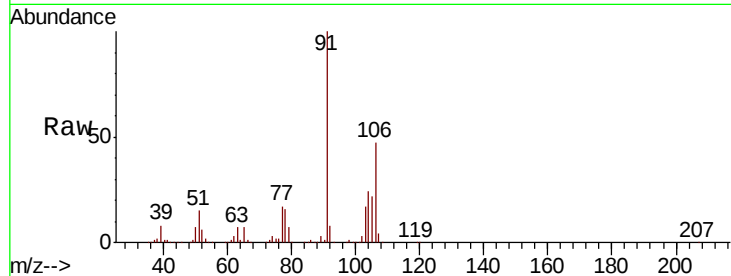
#69
o-Xylene
Concen: 54.373 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 727770
Ion Ratio Lower Upper
106 100
91 213.3 106.5 319.5

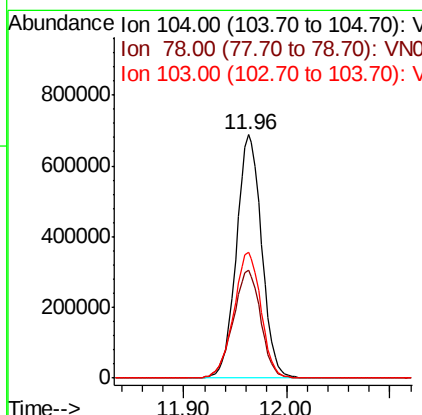
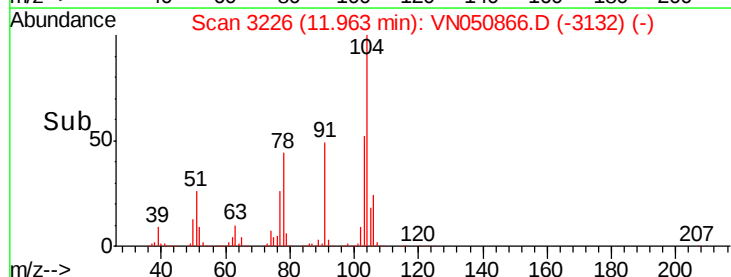
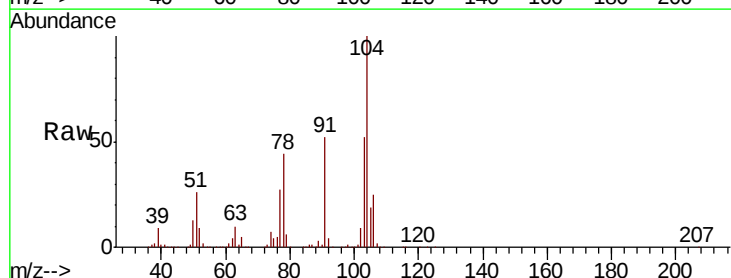
Manual Integrations
APPROVED

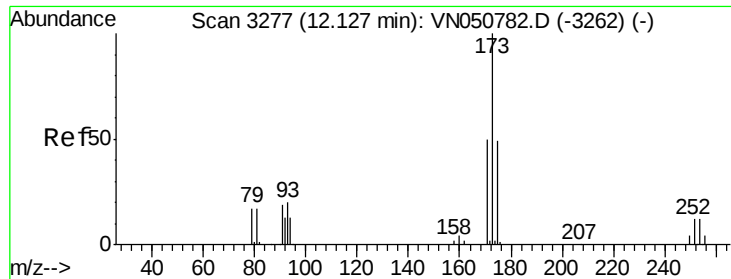
MMDadoda
8/25/2018 1:18:33 PM



#70
Styrene
Concen: 49.687 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion:104 Resp: 1171815
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 55.8 44.4 66.6





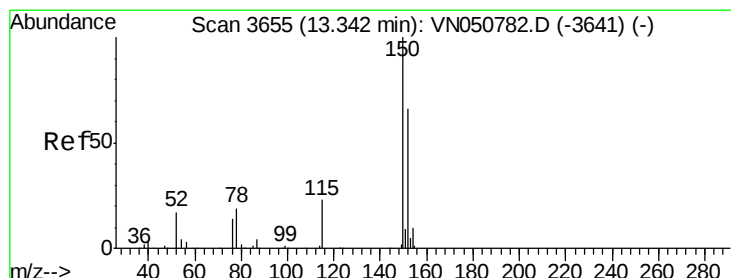
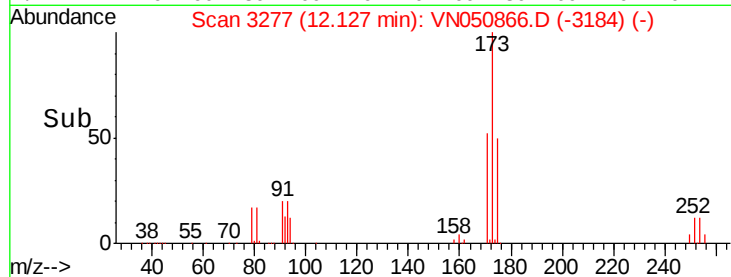
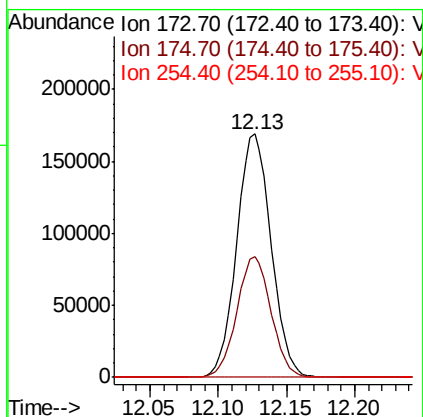
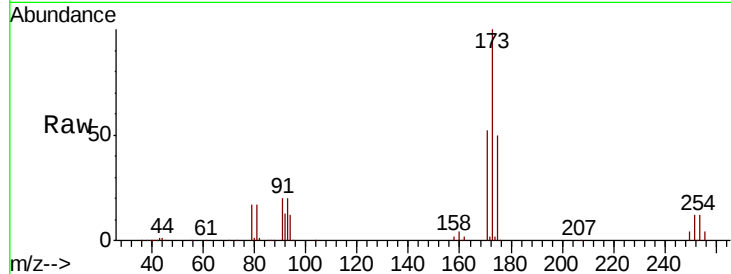
#71
Bromoform
Concen: 52.221 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.0	0.1	0.1#

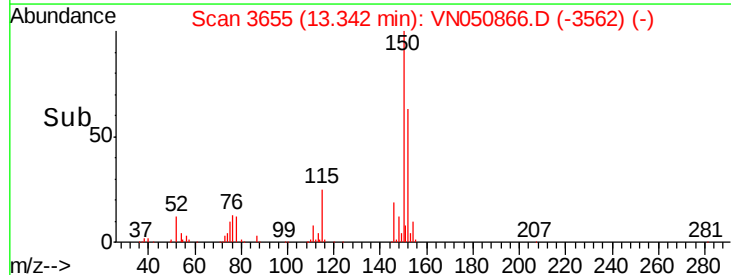
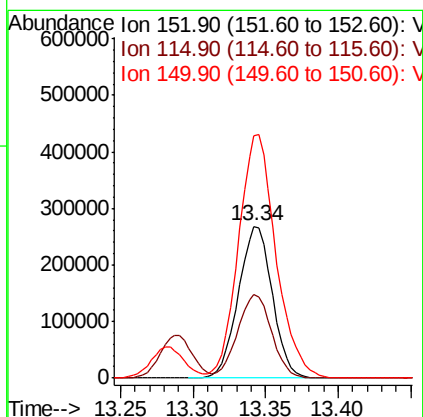
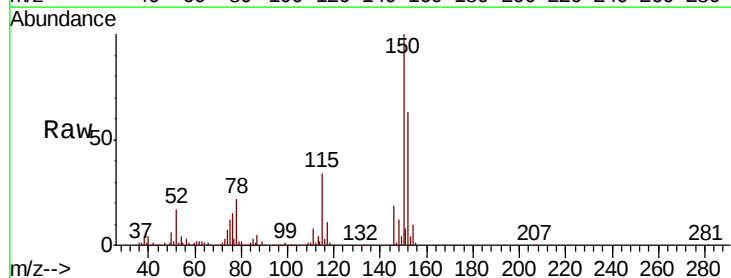
Manual Integrations
APPROVED

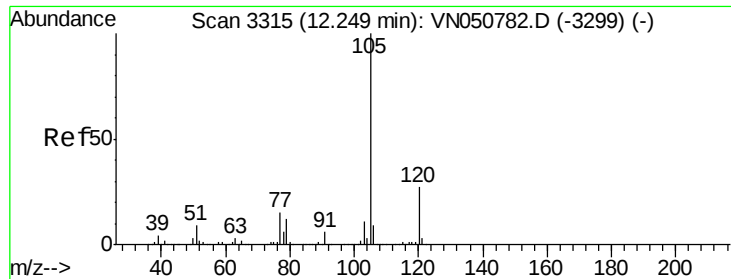
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	177.0	0.0	351.4





#73

Isopropylbenzene

Concen: 53.959 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1946680

Ion Ratio Lower Upper

105 100

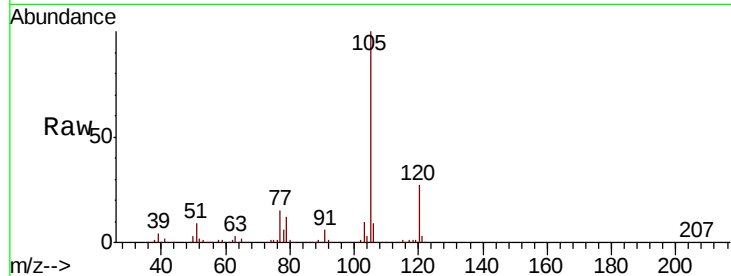
120 26.8 13.5 40.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

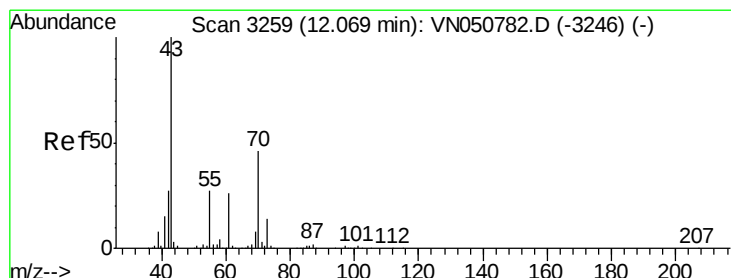
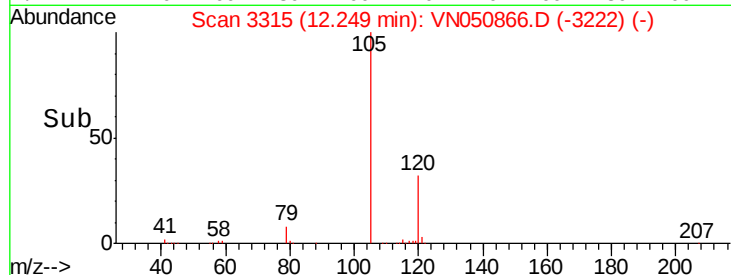
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 53.146 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion: 43 Resp: 481760

Ion Ratio Lower Upper

43 100

70 45.9 36.2 54.2

55 27.3 21.8 32.8

61 25.7 20.5 30.7

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

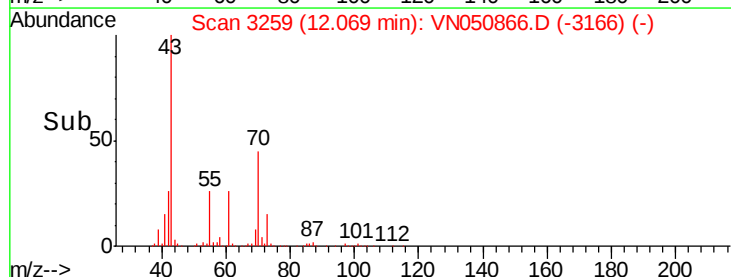
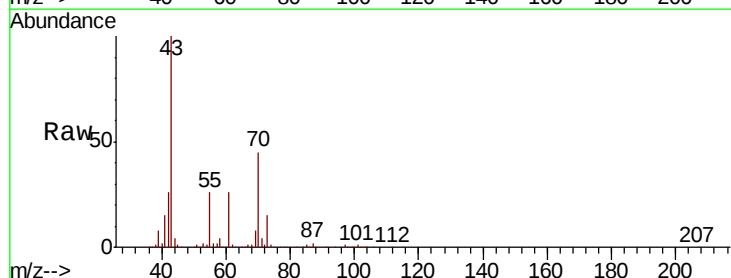
200000

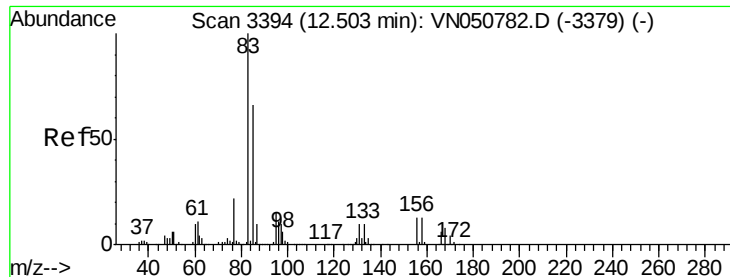
100000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 53.933 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

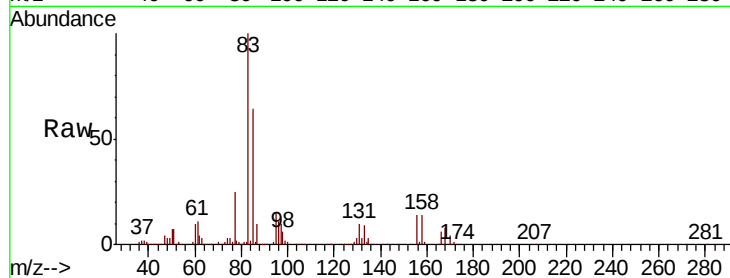
ClientSampleId :

VSTDCCC050

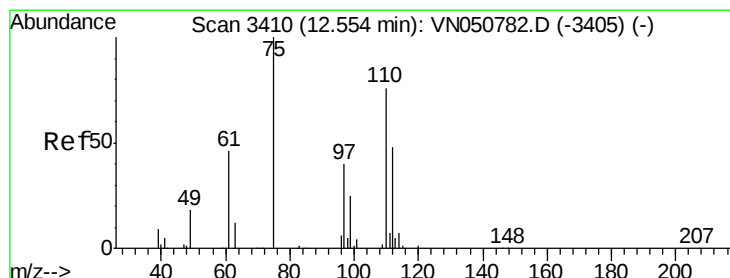
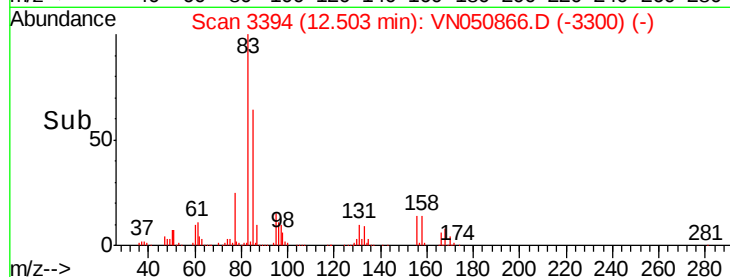
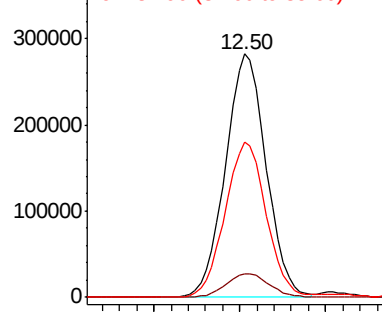
Tgt Ion:	83	Resp:	462787
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	64.4	31.9	95.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN050866.D (-3300) (-)



#76

1,2,3-Trichloropropane

Concen: 51.627 ug/l m

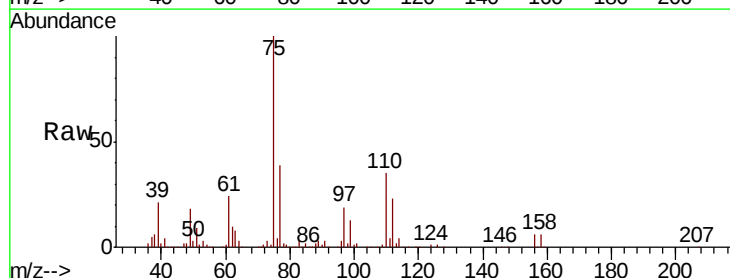
RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

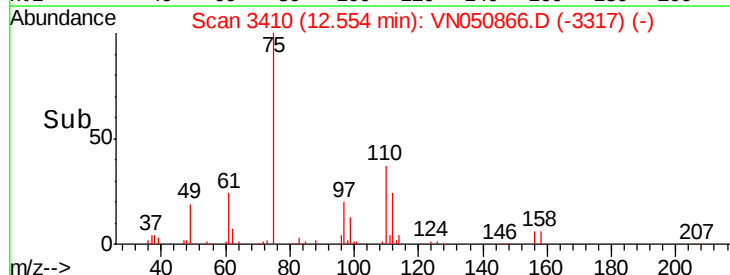
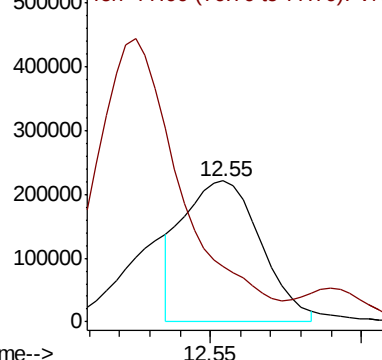
Lab File: VN050866.D

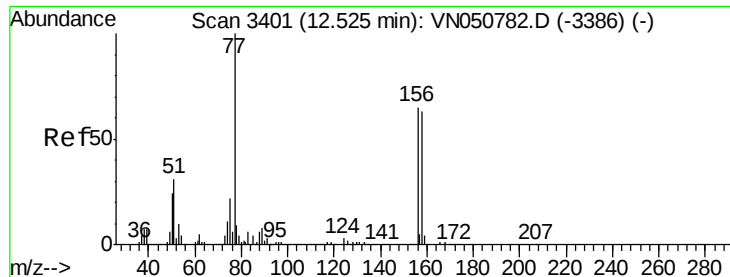
Acq: 24 Aug 2018 10:26

Tgt Ion:	75	Resp:	393975
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050866.D (-3317) (-)





#77

Bromobenzene

Concen: 50.449 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

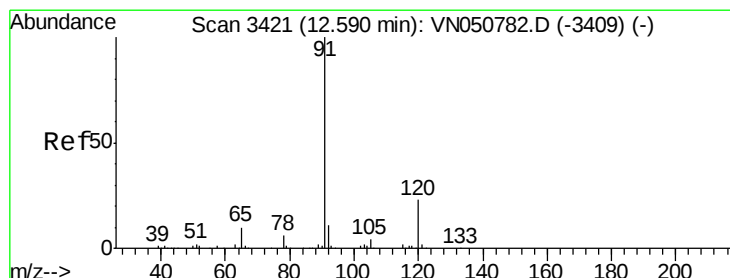
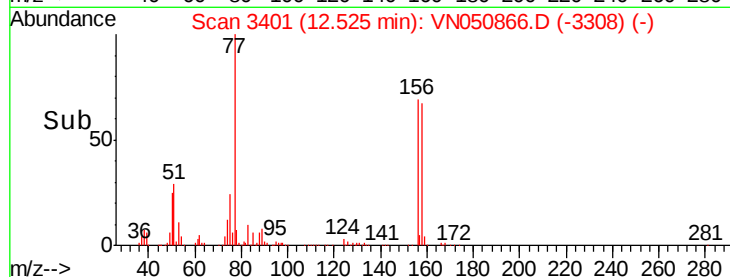
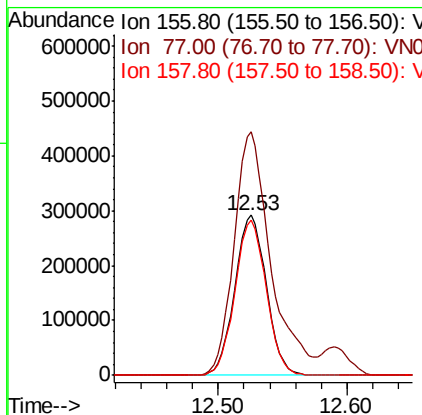
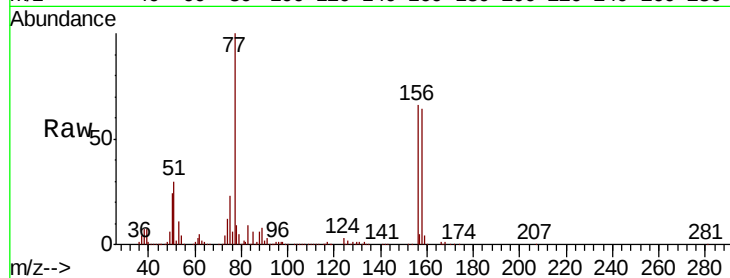
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	494645
Ion Ratio	Lower	Upper	
156	100		
77	177.2	89.9	269.7
158	96.5	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 54.692 ug/l

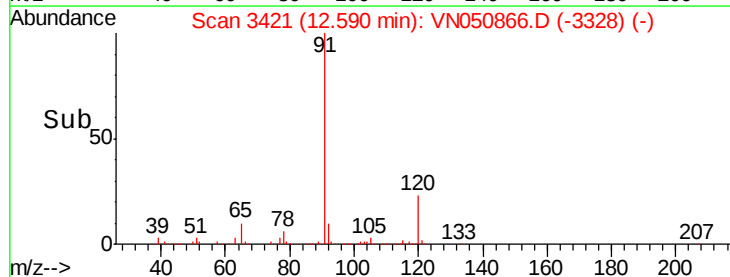
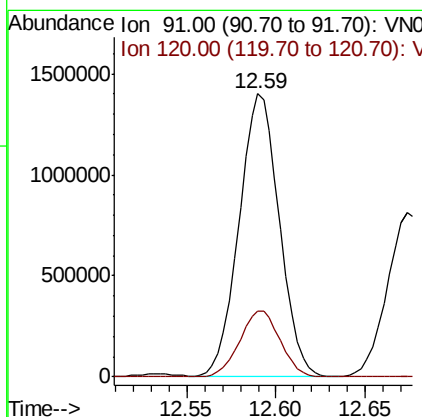
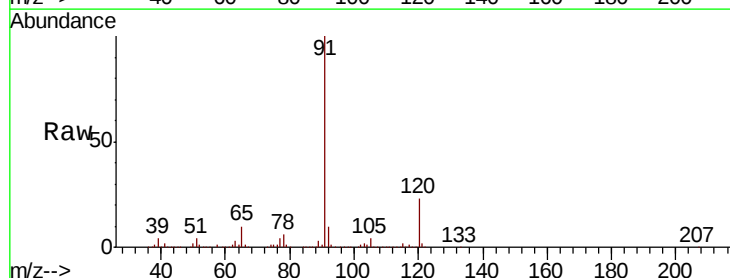
RT: 12.59 min Scan# 3421

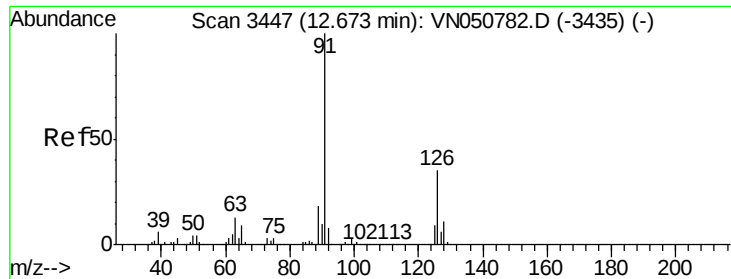
Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion:	91	Resp:	2204208
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





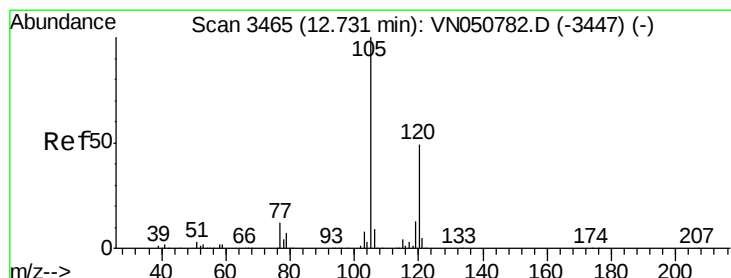
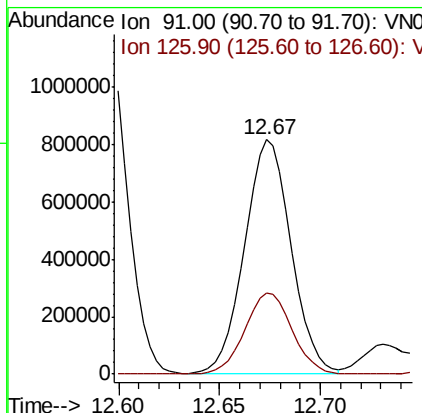
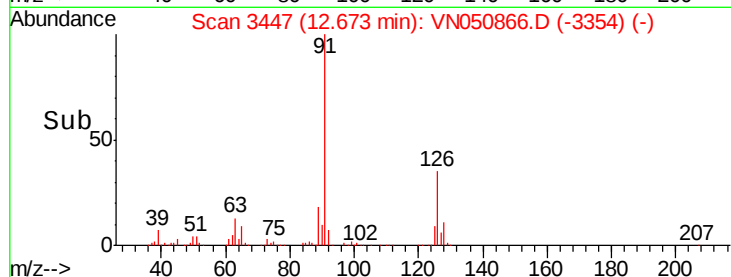
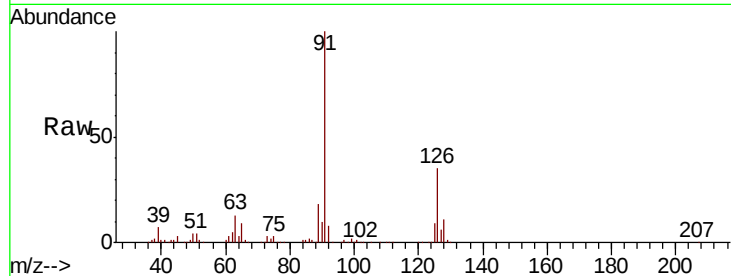
#79
 2-Chlorotoluene
 Concen: 52.375 ug/l
 RT: 12.67 min Scan# 3447
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 91 Resp: 1314810
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.8 53.3

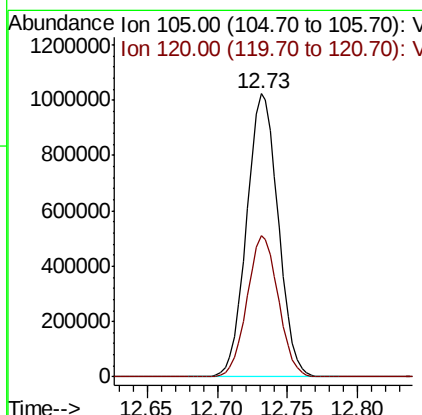
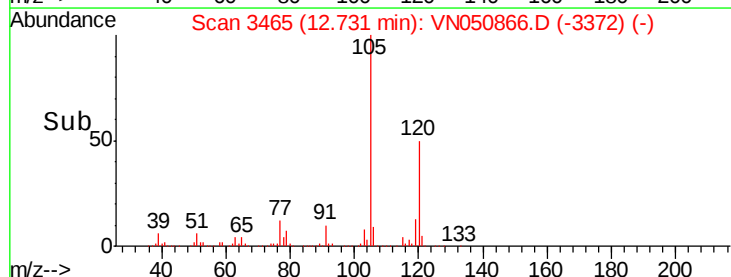
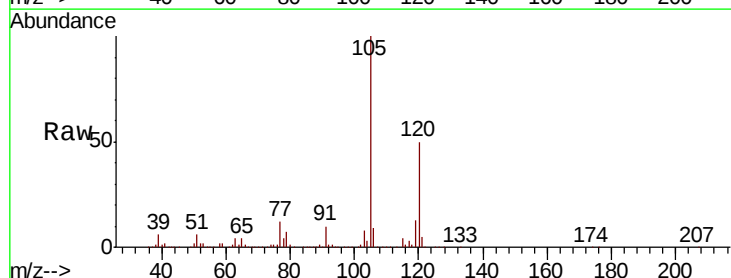
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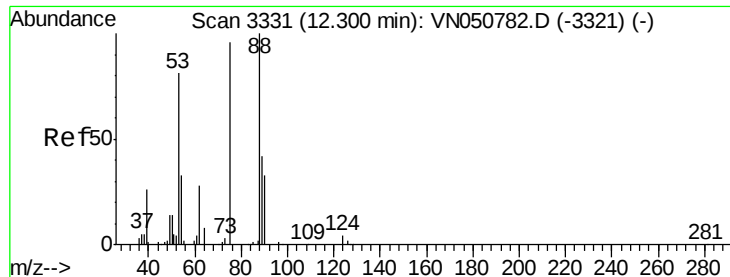
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.004 ug/l
 RT: 12.73 min Scan# 3465
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion: 105 Resp: 1601176
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.785 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Instrument :

MSVOA_N

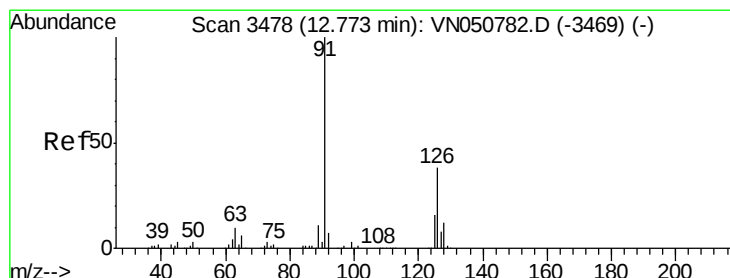
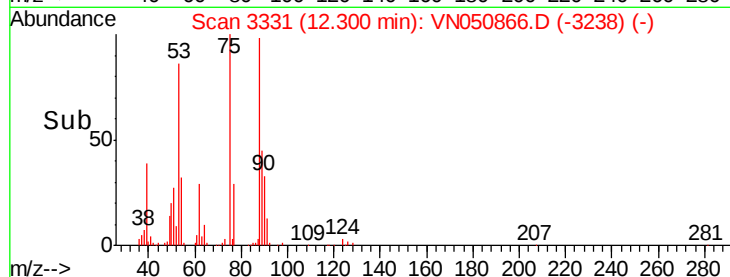
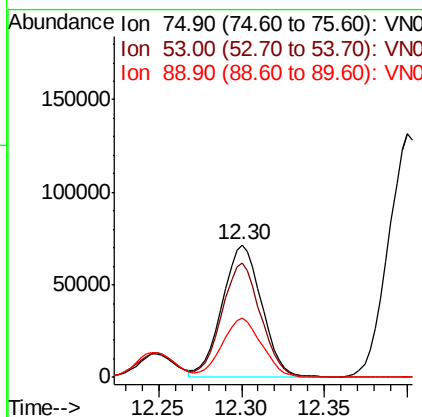
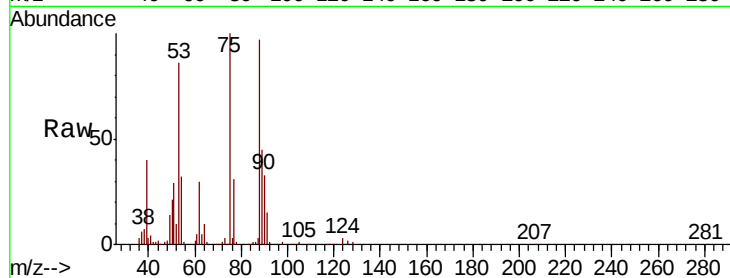
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	119156
Ion	Ratio	Lower	Upper
75	100		
53	85.5	68.9	103.3
89	44.8	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.872 ug/l

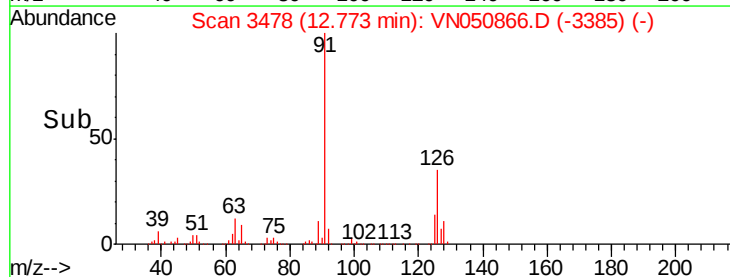
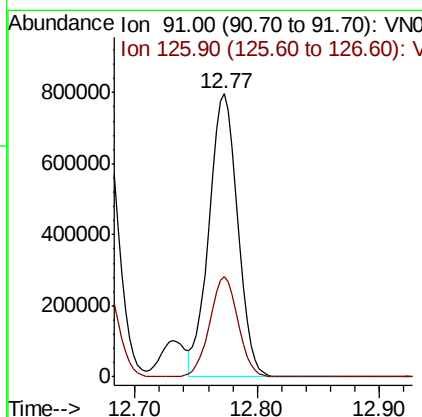
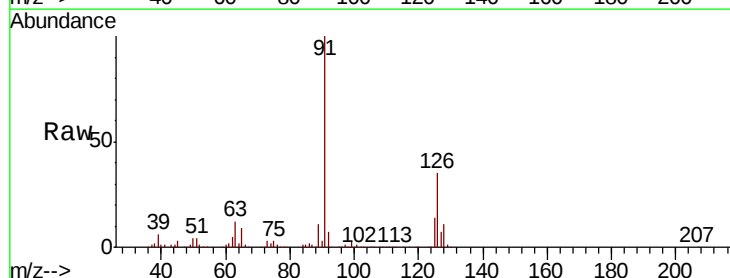
RT: 12.77 min Scan# 3478

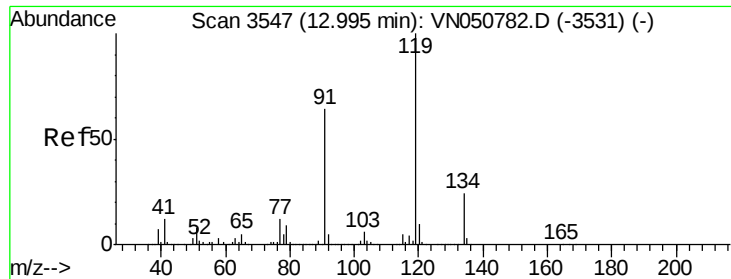
Delta R.T. 0.00 min

Lab File: VN050866.D

Acq: 24 Aug 2018 10:26

Tgt Ion:	91	Resp:	1310324
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.5	52.5





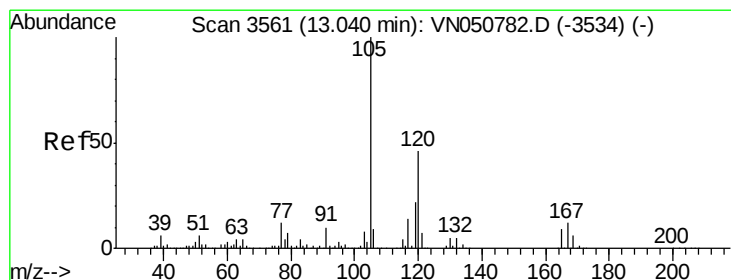
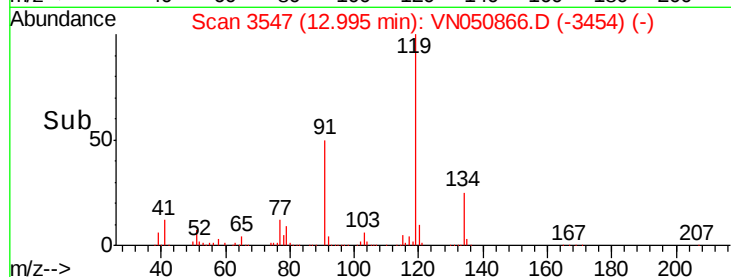
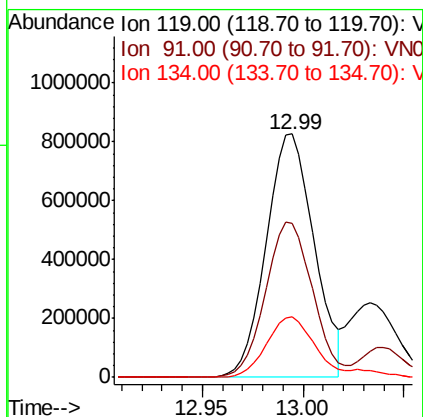
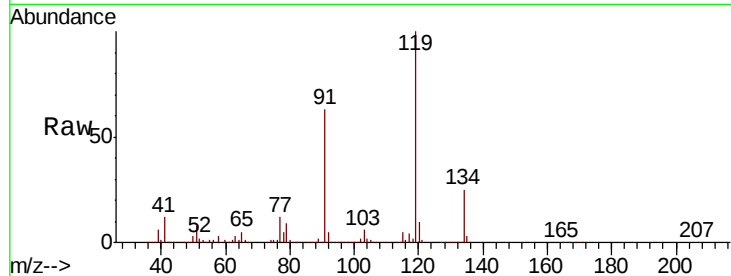
#83
 tert-Butylbenzene
 Concen: 54.205 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1366555
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.6 94.7
 134 27.0 13.4 40.1

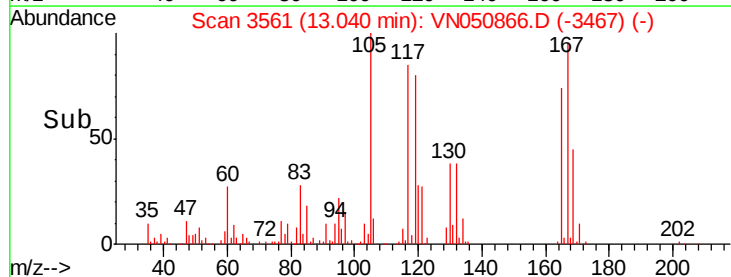
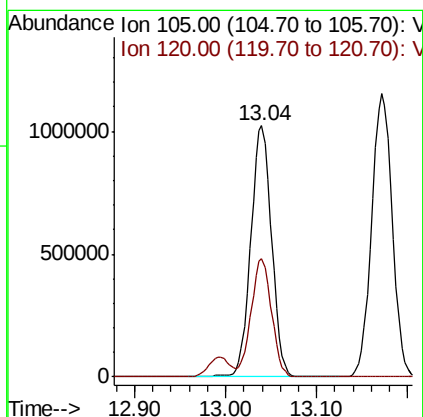
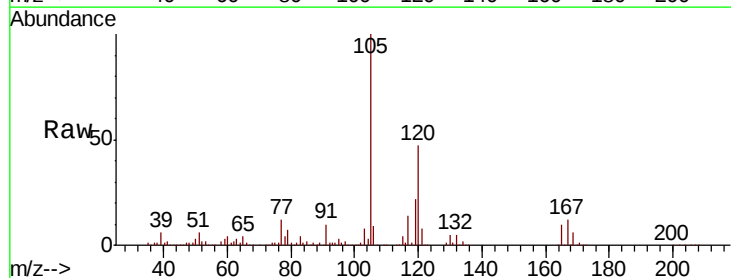
Manual Integrations
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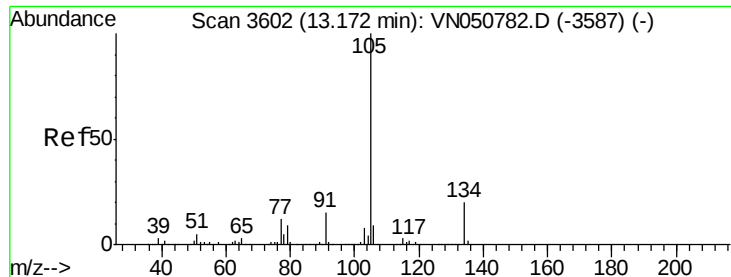
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.404 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion:105 Resp: 1622327
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





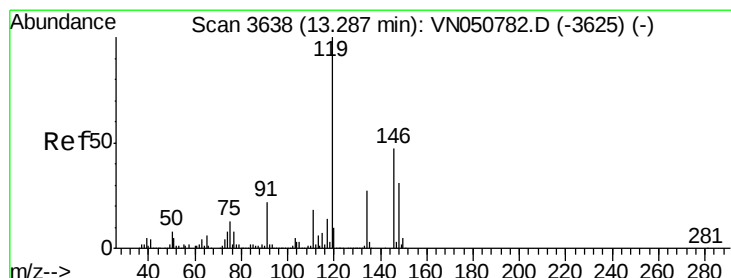
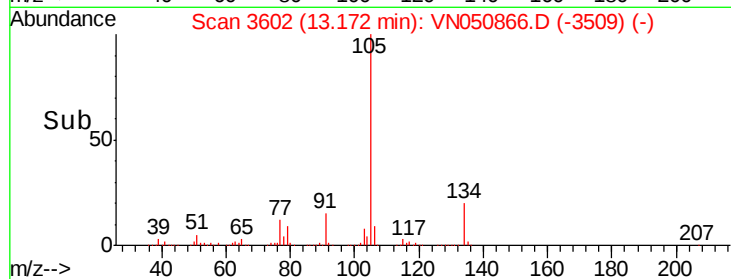
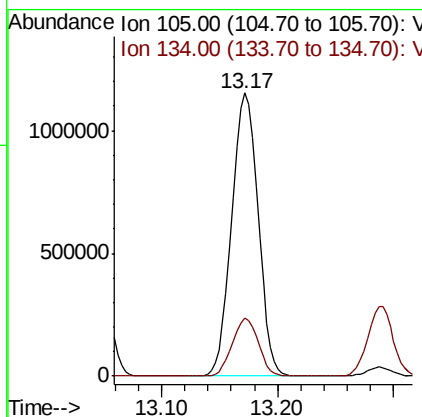
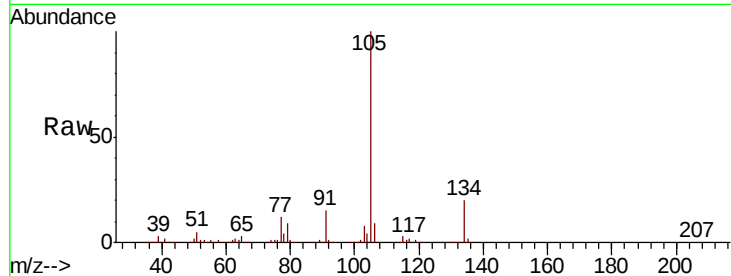
#85
 sec-Butylbenzene
 Concen: 54.836 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1811539
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

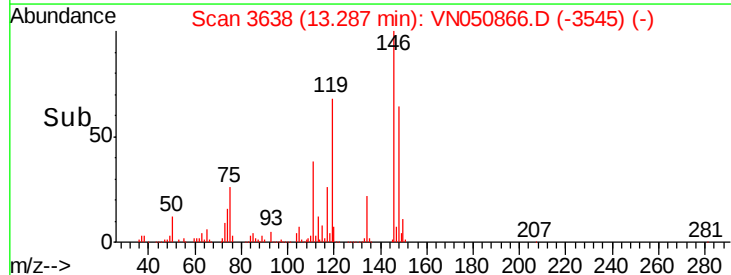
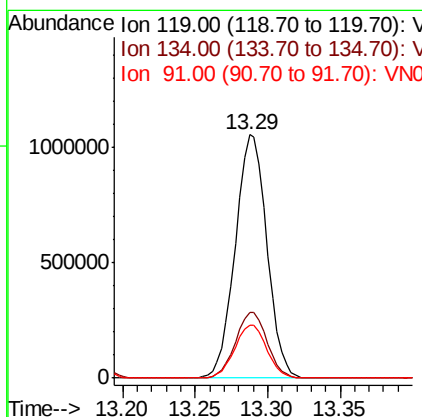
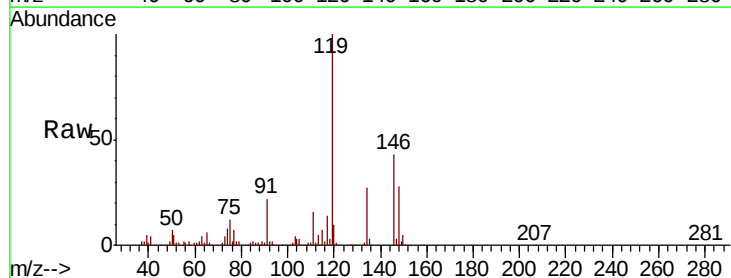
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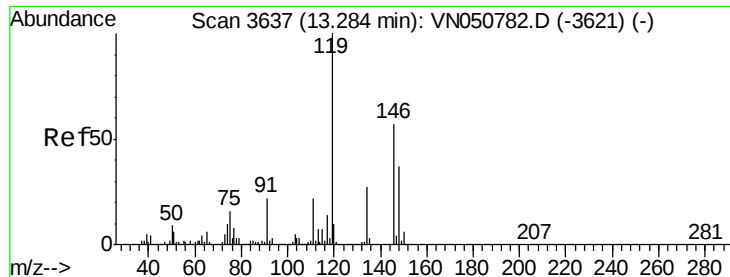
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#86
 p-Isopropyltoluene
 Concen: 56.655 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion:119 Resp: 1594797
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.7 41.0
 91 22.1 11.2 33.5





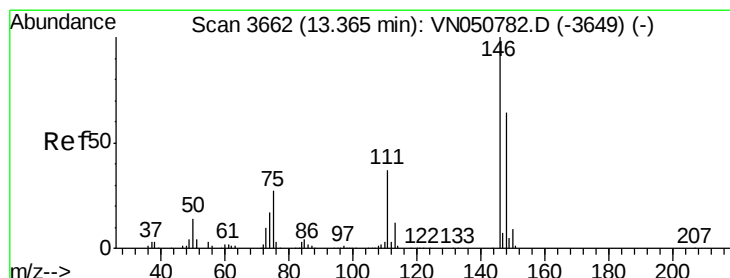
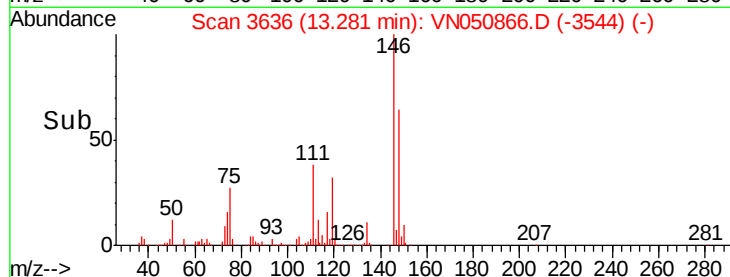
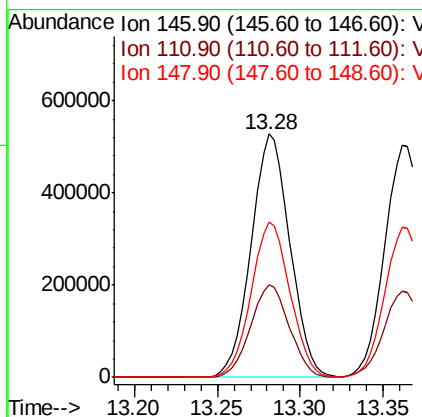
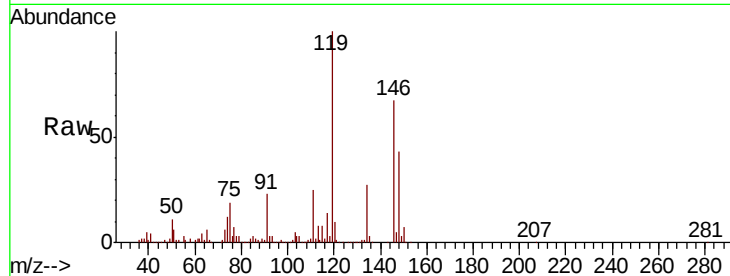
#87
 1,3-Dichlorobenzene
 Concen: 51.573 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.9	32.2	96.6

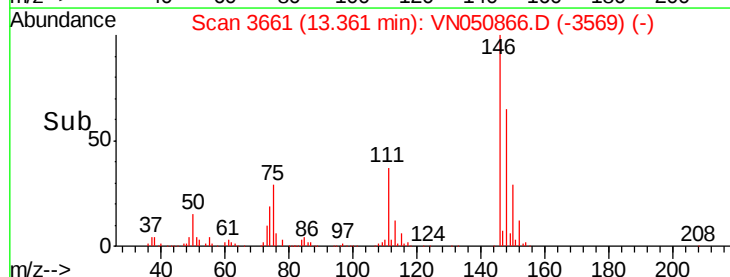
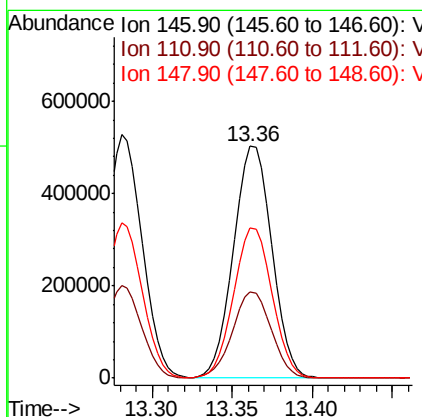
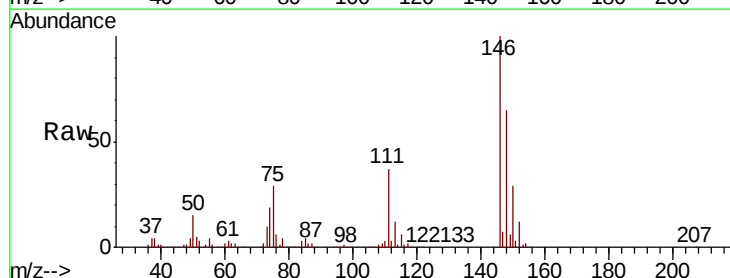
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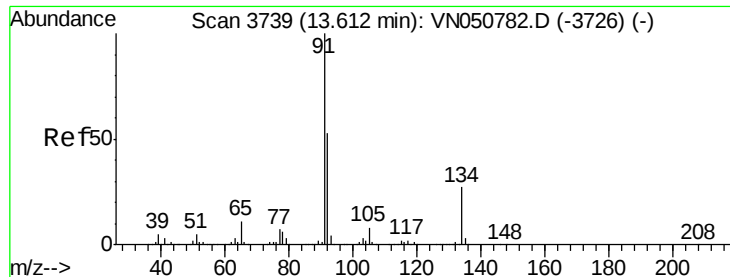
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#88
 1,4-Dichlorobenzene
 Concen: 50.382 ug/l
 RT: 13.36 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.8	32.2	96.6





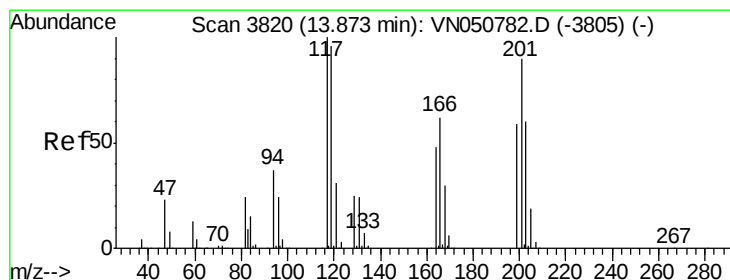
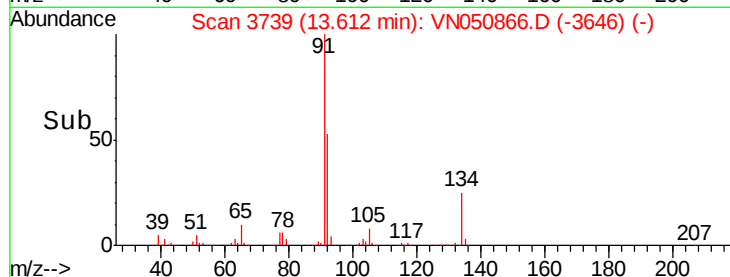
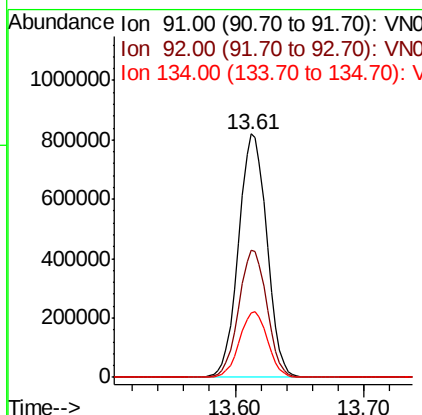
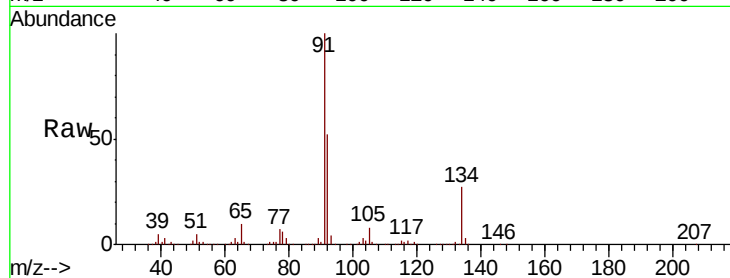
#89
n-Butylbenzene
Concen: 55.426 ug/l
RT: 13.61 min Scan# 3739
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1247824
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 26.9 13.2 39.6

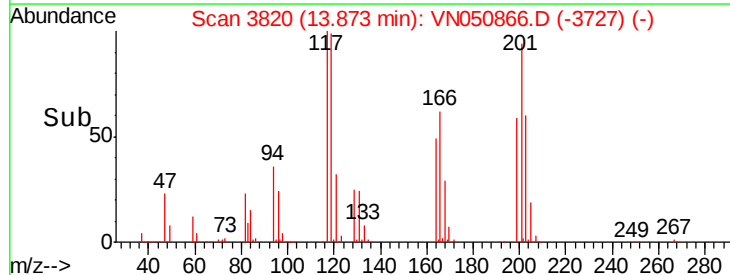
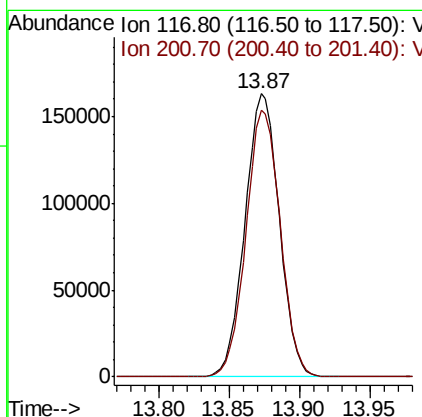
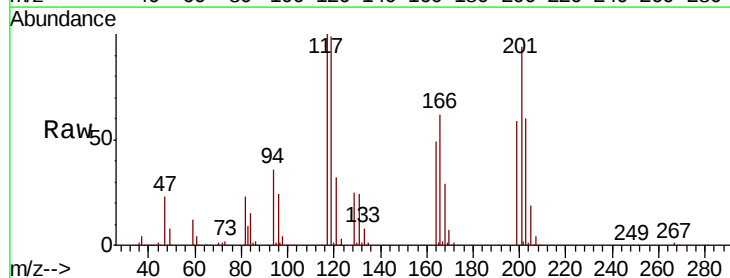
Manual Integrations
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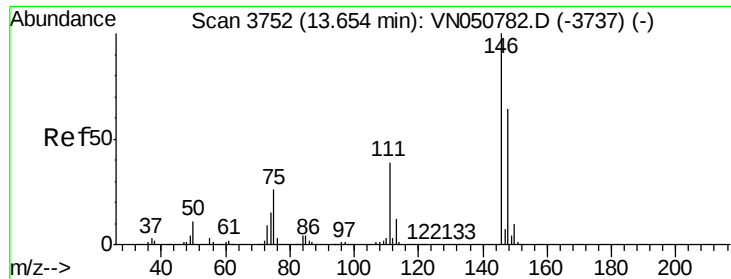
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#90
Hexachloroethane
Concen: 51.818 ug/l
RT: 13.87 min Scan# 3820
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion: 117 Resp: 278024
Ion Ratio Lower Upper
117 100
201 94.2 46.0 137.8





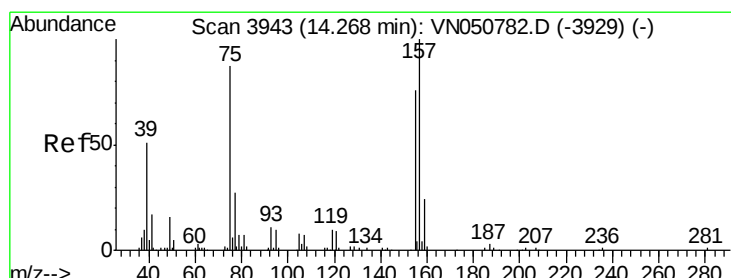
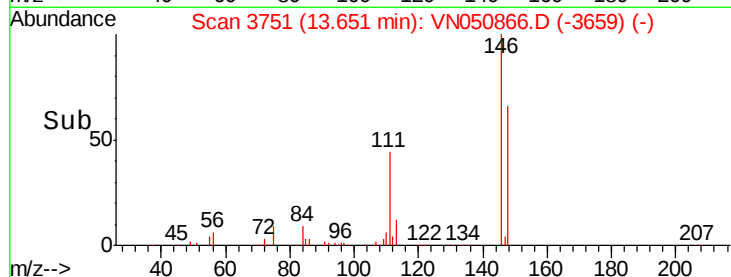
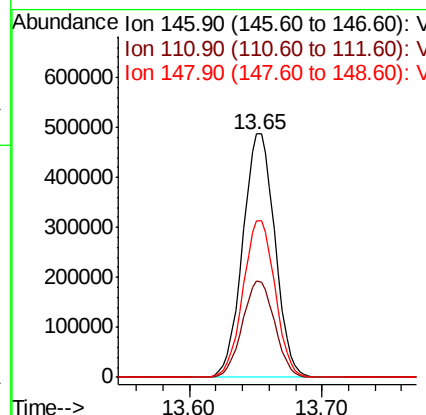
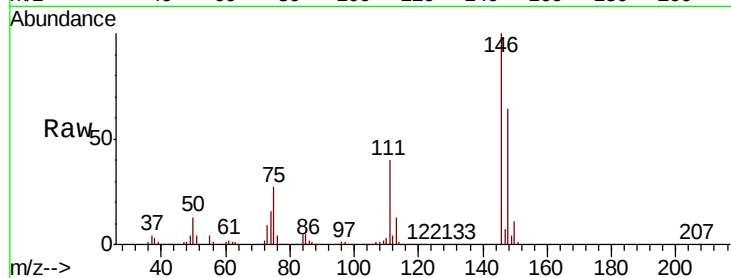
#91
 1,2-Dichlorobenzene
 Concen: 51.084 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.1	32.3	96.8

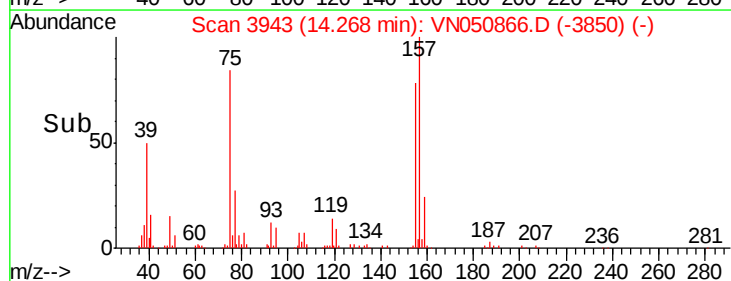
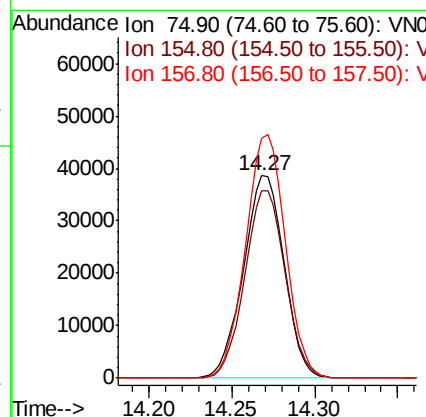
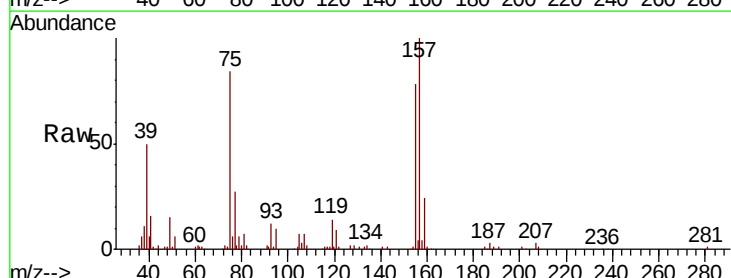
Manual Integrations
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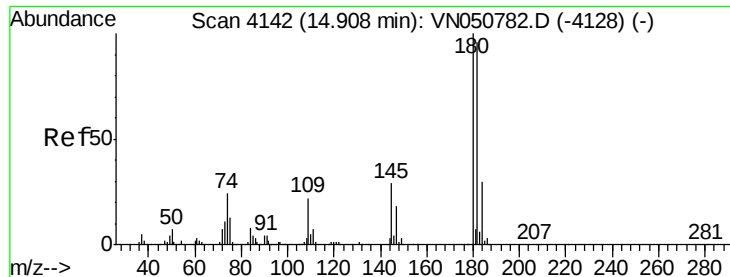
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.003 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	46.4	139.1
157	117.9	60.7	182.0





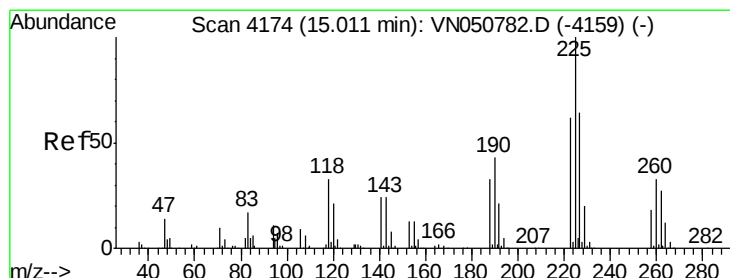
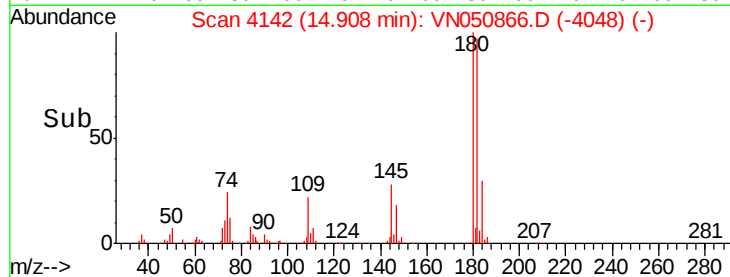
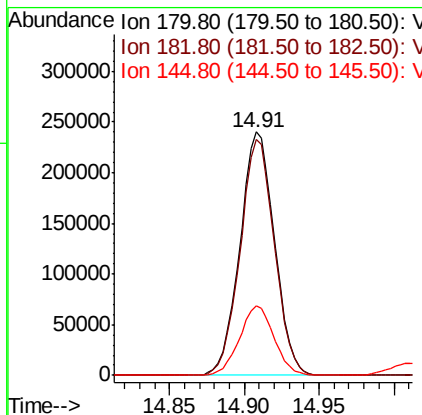
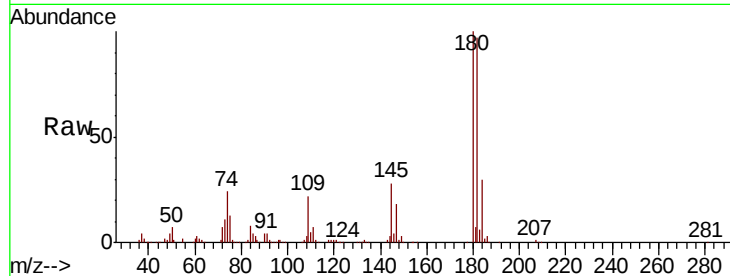
#93
 1,2,4-Trichlorobenzene
 Concen: 46.542 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386095		
182	96.1	48.2	144.6	
145	28.3	14.1	42.2	

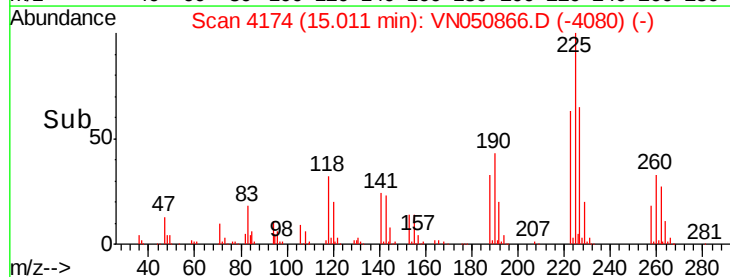
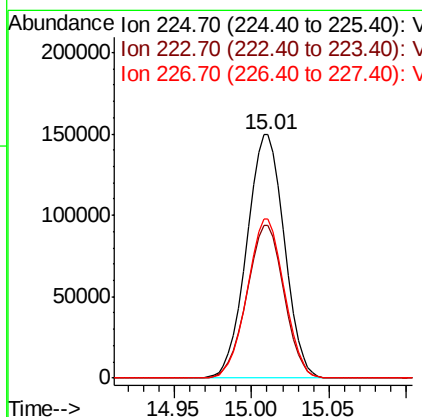
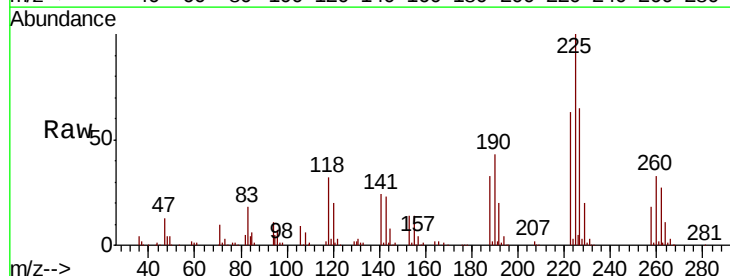
Manual Integrations
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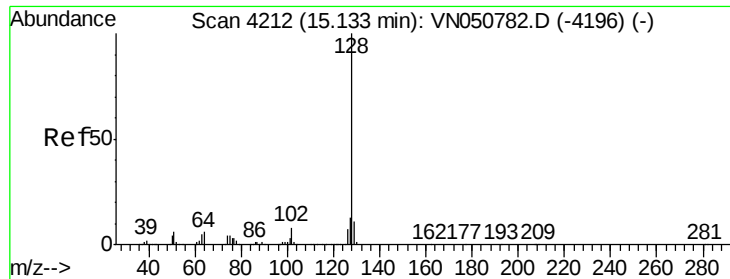
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#94
 Hexachlorobutadiene
 Concen: 53.274 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050866.D
 Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	253162		
223	62.2	31.3	93.8	
227	64.4	32.0	96.2	





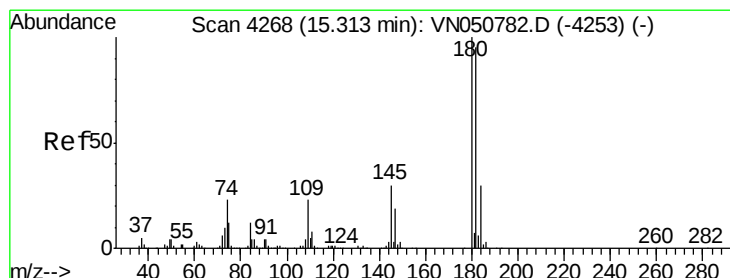
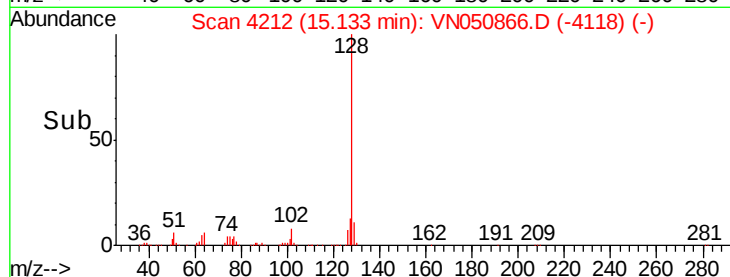
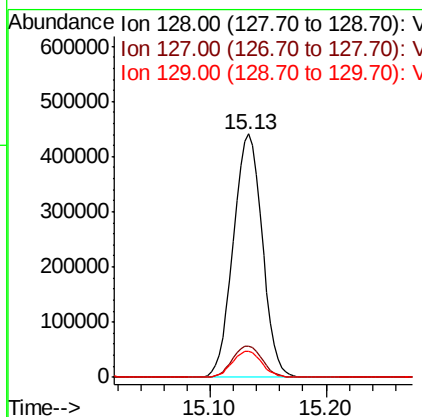
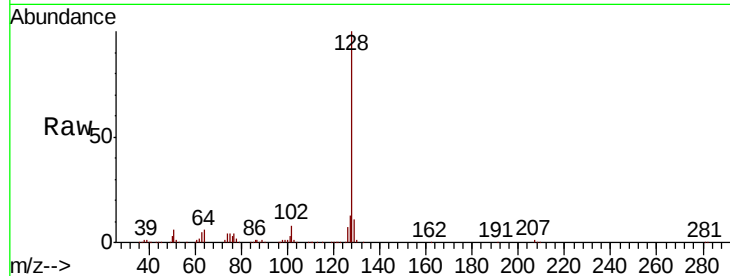
#95
Naphthalene
Concen: 44.495 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	762962		
127	13.3	10.5	15.7	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.856 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. 0.00 min
Lab File: VN050866.D
Acq: 24 Aug 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373437		
182	95.9	48.0	144.2	
145	29.5	15.2	45.6	

