

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049960.D
 Acq On : 20 Jul 2018 14:11
 Operator : MD\SY
 Sample : VN0720WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 2:04:06 PM

Quant Time: Jul 21 00:24:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	554772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	838105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	755944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	420417	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	7.59	113	367798	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.09	98	1339489	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	441455	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	101140	19.11	ug/l	96
3) Chloromethane	2.06	50	136809	18.07	ug/l	99
4) Vinyl Chloride	2.18	62	147913	18.31	ug/l	99
5) Bromomethane	2.56	94	87332	18.12	ug/l	97
6) Chloroethane	2.70	64	96917	18.37	ug/l	98
7) Trichlorofluoromethane	3.01	101	207742	18.71	ug/l	100
8) Diethyl Ether	3.41	74	75990	19.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	133694	19.53	ug/l	97
10) Methyl Iodide	3.95	142	137614	14.98	ug/l	99
11) Tert butyl alcohol	4.81	59	54220	99.81	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	115509	19.21	ug/l	99
13) Acrolein	3.61	56	25364	72.46	ug/l	92
14) Allyl chloride	4.32	41	185551	19.57	ug/l	98
15) Acrylonitrile	5.00	53	245138	102.61	ug/l	98
16) Acetone	3.82	43	198202	100.40	ug/l	97
17) Carbon Disulfide	4.05	76	297205	16.51	ug/l	98
18) Methyl Acetate	4.33	43	149748	23.70	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	347164	20.98	ug/l	98
20) Methylene Chloride	4.55	84	143576	19.12	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	123138	19.28	ug/l	96
22) Diisopropyl ether	5.96	45	421702	21.80	ug/l	99
23) Vinyl Acetate	5.90	43	1404964	103.49	ug/l	99
24) 1,1-Dichloroethane	5.85	63	253154	20.38	ug/l	99
25) 2-Butanone	6.84	43	298776	105.89	ug/l	99
26) 2,2-Dichloropropane	6.82	77	207236	21.44	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	144425	20.61	ug/l	99
28) Bromochloromethane	7.19	49	115358	20.56	ug/l	99
29) Tetrahydrofuran	7.22	42	186323	104.83	ug/l	99
30) Chloroform	7.37	83	264070	20.71	ug/l	99
31) Cyclohexane	7.65	56	193093	19.10	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	217190	19.71	ug/l	98
36) 1,1-Dichloropropene	7.79	75	176415	18.93	ug/l	99
37) Ethyl Acetate	6.94	43	129476	20.23	ug/l	99
38) Carbon Tetrachloride	7.78	117	190753	19.11	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	173338	18.01	ug/l	95
40) Benzene	8.04	78	554226	19.51	ug/l	99
41) Methacrylonitrile	7.17	41	65054	20.28	ug/l	94
42) 1,2-Dichloroethane	8.13	62	189913	20.19	ug/l	100
43) Isopropyl Acetate	8.17	43	247981	22.18	ug/l	98
44) Trichloroethene	8.84	130	144884	19.45	ug/l	96
45) 1,2-Dichloropropane	9.12	63	154977	20.23	ug/l	98
46) Dibromomethane	9.21	93	94409	19.87	ug/l	98
47) Bromodichloromethane	9.40	83	200740	20.43	ug/l	99
48) Methyl methacrylate	9.20	41	110992	19.79	ug/l	98
49) 1,4-Dioxane	9.20	88	31023	389.96	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	657546	105.22	ug/l	99
52) Toluene	10.16	92	345514	20.39	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193418	19.91	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219864	20.47	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	139197	19.89	ug/l	98
56) Ethyl methacrylate	10.43	69	162005	18.65	ug/l	98
57) 1,3-Dichloropropane	10.71	76	223344	20.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	395956	95.88	ug/l	98
59) 2-Hexanone	10.75	43	433017	103.16	ug/l	96
60) Dibromochloromethane	10.90	129	150734	19.64	ug/l	100
61) 1,2-Dibromoethane	11.01	107	129316	19.77	ug/l	99
64) Tetrachloroethene	10.63	164	136436	20.08	ug/l	98
65) Chlorobenzene	11.44	112	376219	19.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	147194	20.01	ug/l	99
67) Ethyl Benzene	11.51	91	611267	19.84	ug/l	99
68) m/p-Xylenes	11.62	106	477491	40.94	ug/l	99
69) o-Xylene	11.95	106	228050	20.36	ug/l	98
70) Styrene	11.97	104	374480	20.64	ug/l	100
71) Bromoform	12.13	173	105181	19.99	ug/l #	99
73) Isopropylbenzene	12.25	105	607689	20.71	ug/l	100
74) N-amyl acetate	12.07	43	179299	20.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	177430	20.18	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141433m	19.52	ug/l	
77) Bromobenzene	12.53	156	160767	19.84	ug/l	97
78) n-propylbenzene	12.59	91	696584	20.88	ug/l	100
79) 2-Chlorotoluene	12.68	91	426037	20.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	501304	21.31	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44686	19.28	ug/l	95
82) 4-Chlorotoluene	12.78	91	431841	21.02	ug/l	99
83) tert-Butylbenzene	12.99	119	425839	20.62	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	509313	21.38	ug/l	100
85) sec-Butylbenzene	13.17	105	579813	21.24	ug/l	100
86) p-Isopropyltoluene	13.29	119	490316	21.07	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	281966	19.97	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	273506	19.32	ug/l	99
89) n-Butylbenzene	13.62	91	381549	19.86	ug/l	99
90) Hexachloroethane	13.88	117	98955	18.95	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	285015	20.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26800	19.73	ug/l	96

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ClientSampleId :
VN0720WBSD01

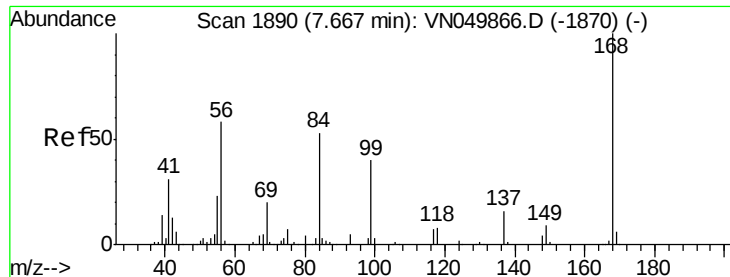
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121925	18.30	ug/l	99
94) Hexachlorobutadiene	15.01	225	88437	19.44	ug/l	99
95) Naphthalene	15.14	128	259227	17.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	127441	19.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion:168 Resp: 554772

Ion Ratio Lower Upper

168 100

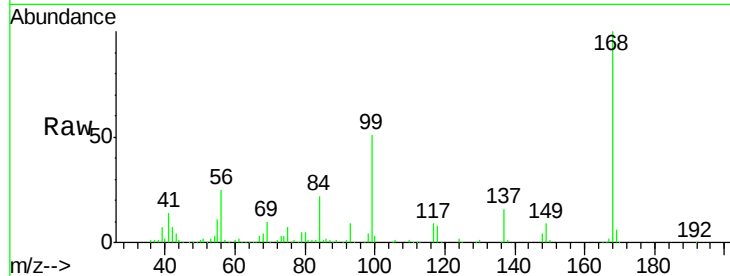
99 50.2 40.6 61.0

Manual Integrations

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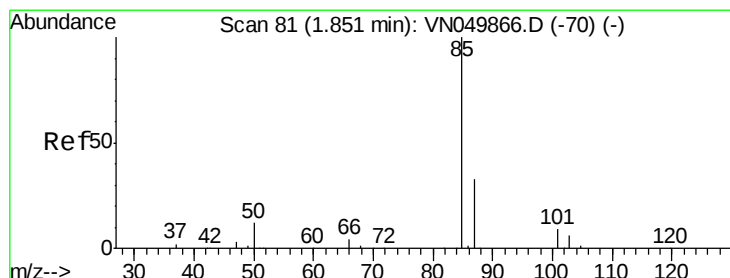
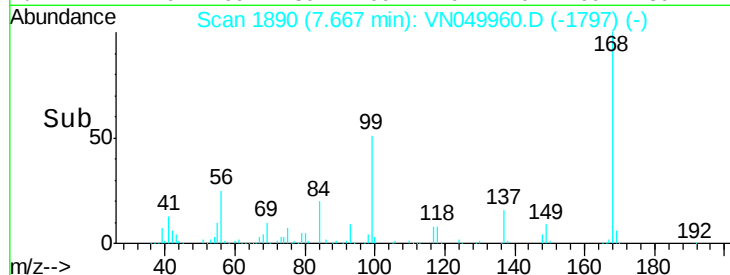
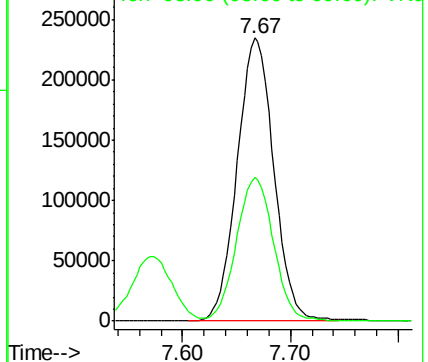
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.11 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049960.D

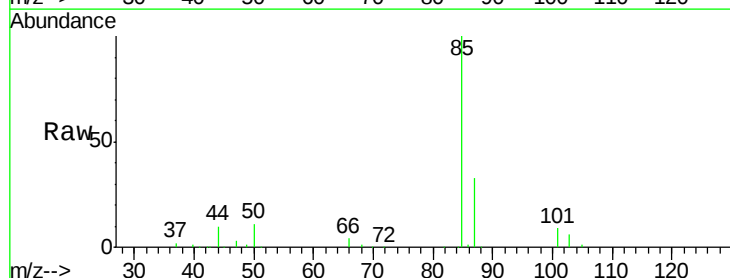
Acq: 20 Jul 2018 14:11

Tgt Ion: 85 Resp: 101140

Ion Ratio Lower Upper

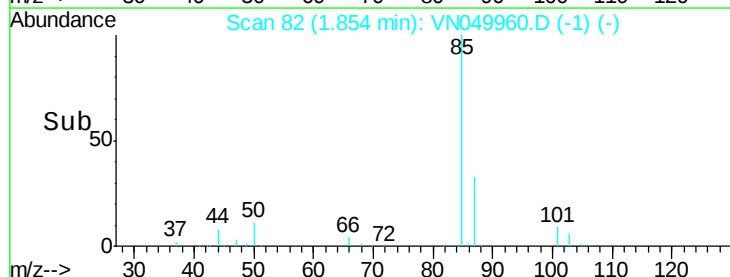
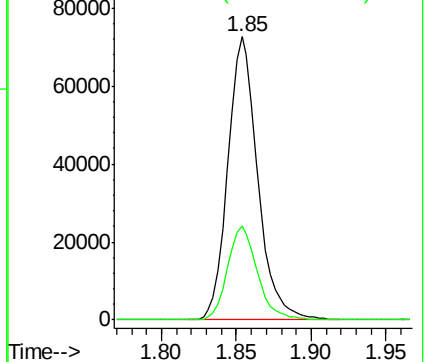
85 100

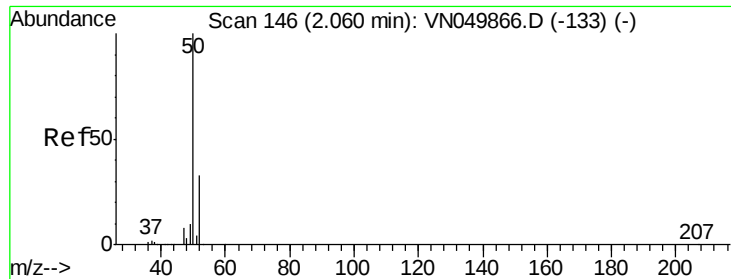
87 33.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.07 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 50 Resp: 136809

Ion Ratio Lower Upper

50 100

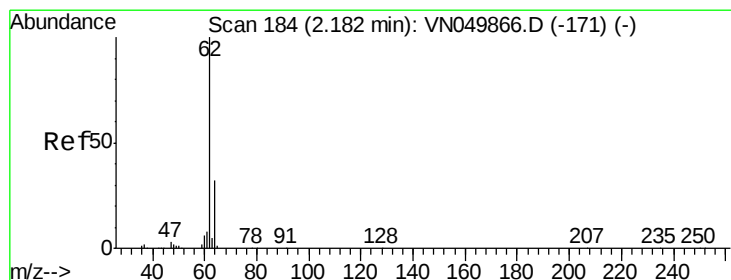
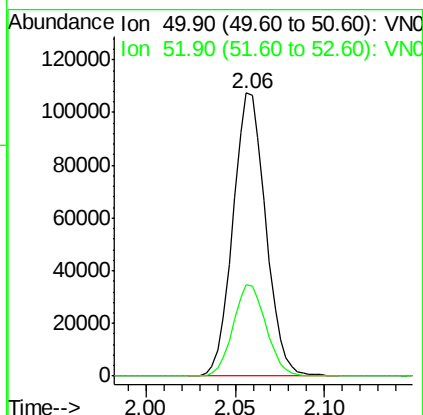
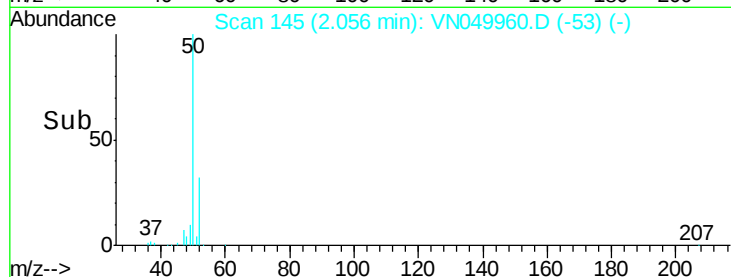
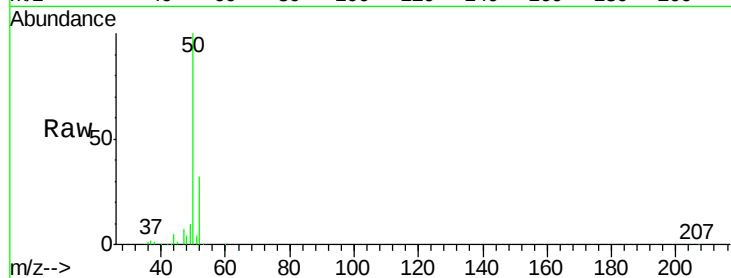
52 32.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.31 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049960.D

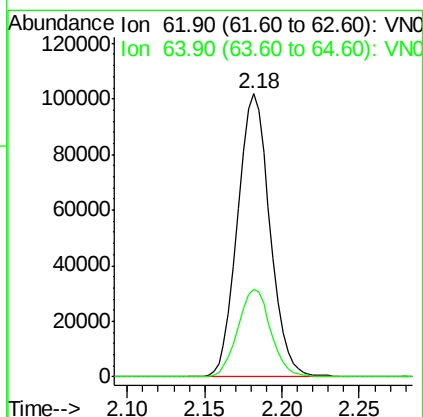
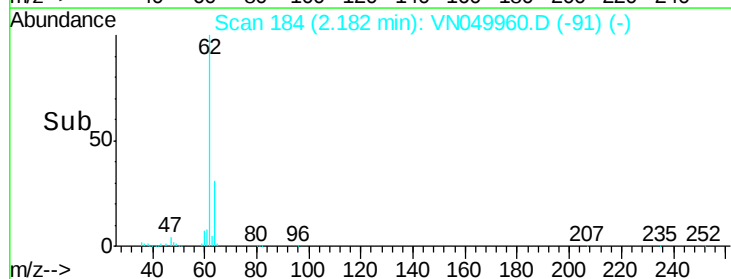
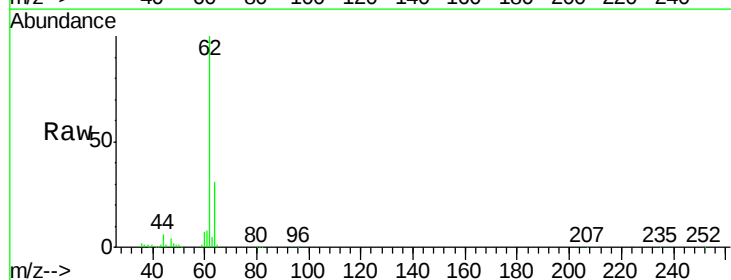
Acq: 20 Jul 2018 14:11

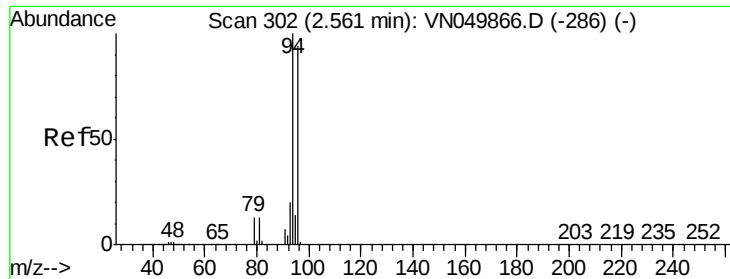
Tgt Ion: 62 Resp: 147913

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 18.12 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 94 Resp: 87332

Ion Ratio Lower Upper

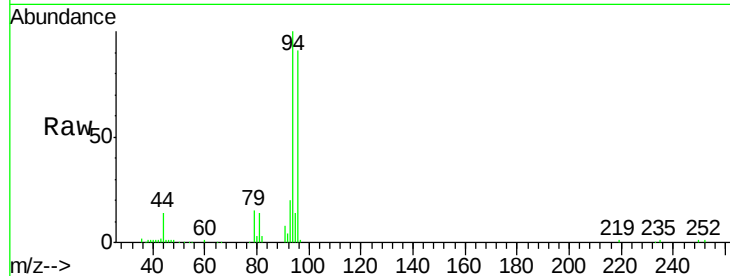
94 100

96 91.4 75.7 113.5

Manual Integrations
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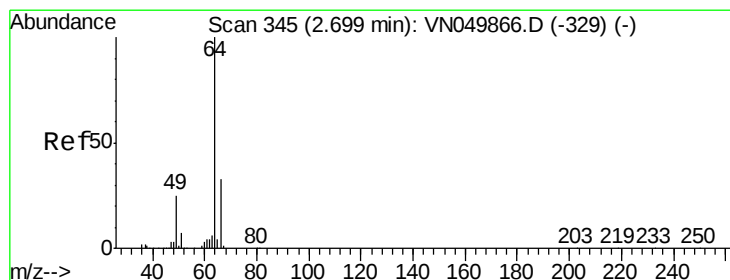
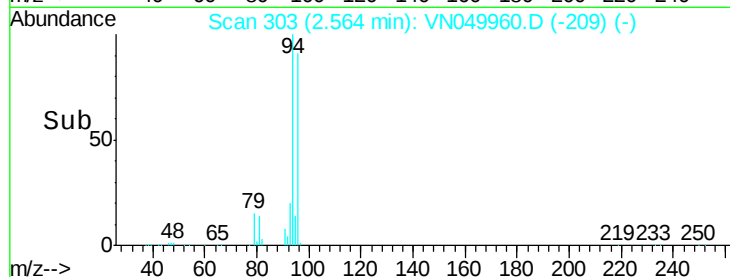
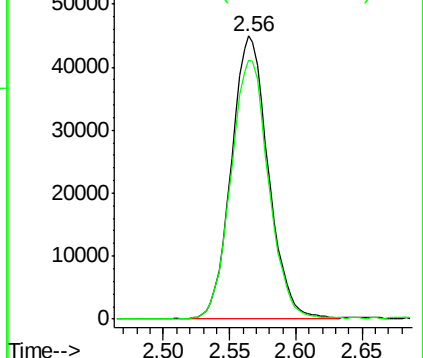
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 18.37 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049960.D

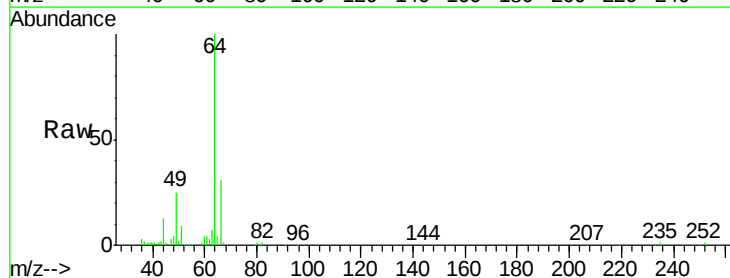
Acq: 20 Jul 2018 14:11

Tgt Ion: 64 Resp: 96917

Ion Ratio Lower Upper

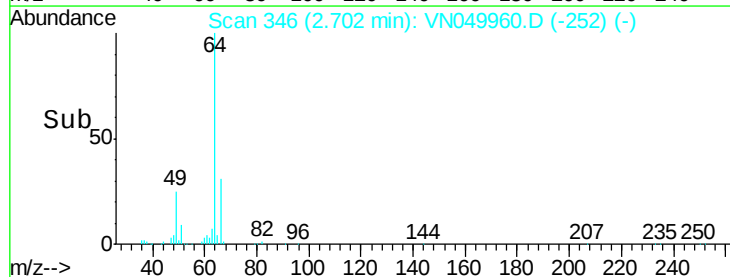
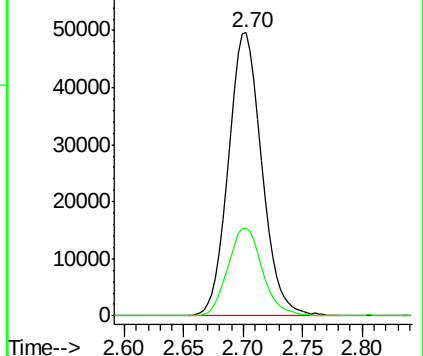
64 100

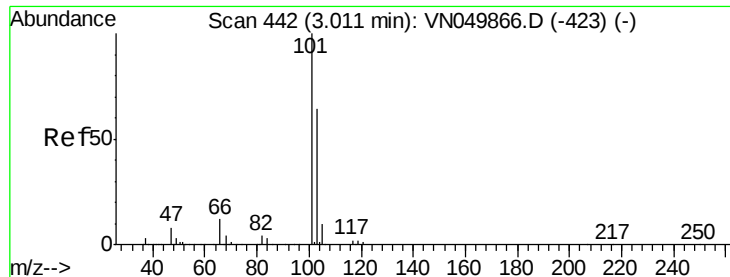
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

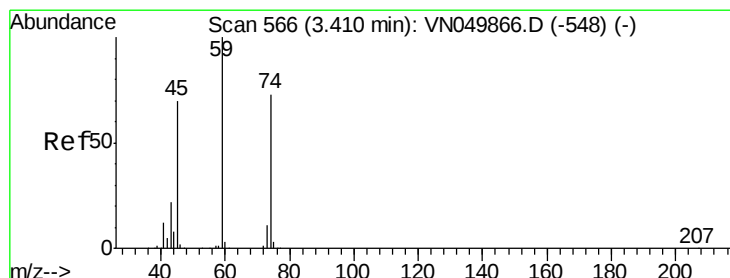
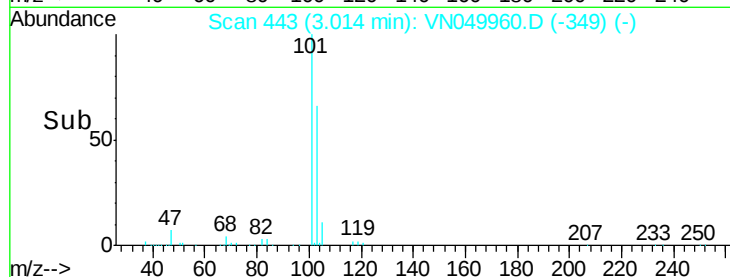
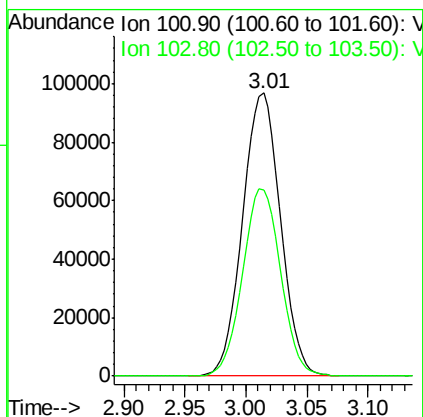
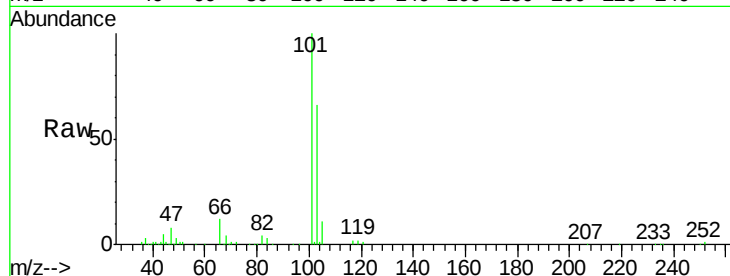
Trichlorofluoromethane
 Concen: 18.71 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
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 VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.8	79.2

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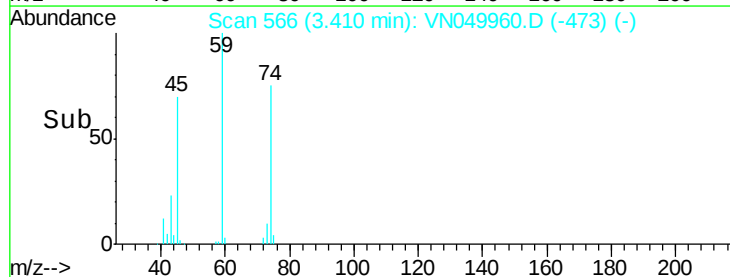
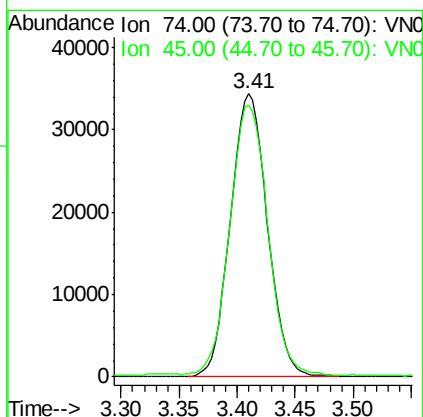
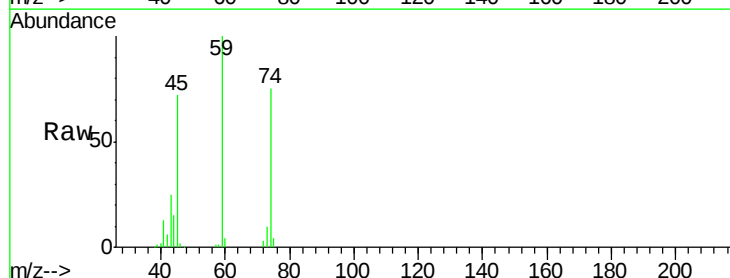
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 7/23/2018 2:04:06 PM

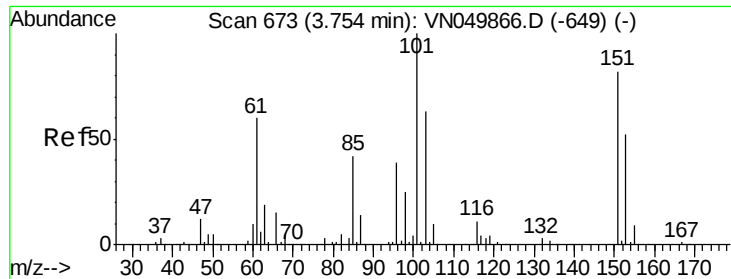


#8

Diethyl Ether
 Concen: 19.62 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.4	145.2





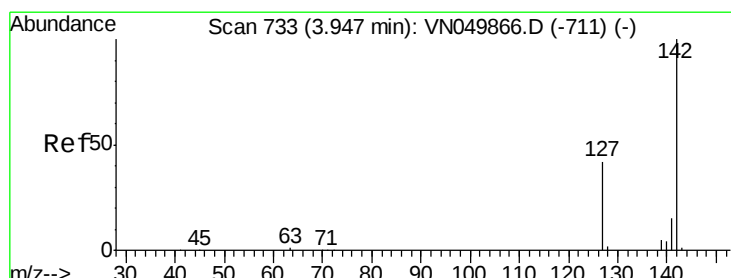
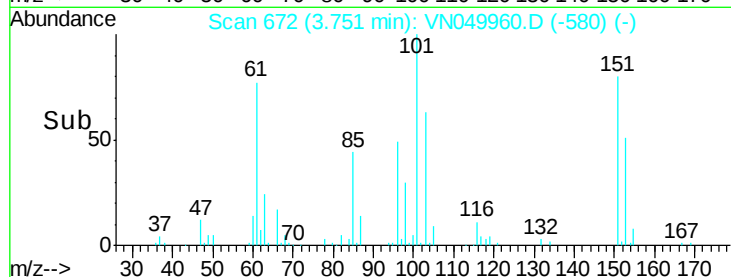
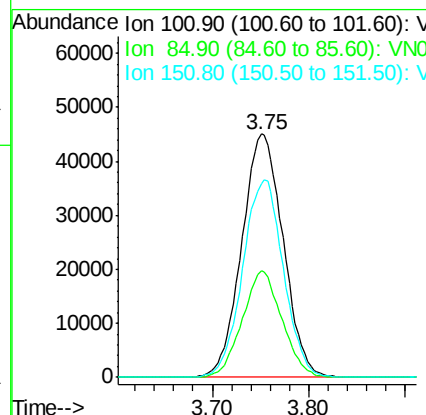
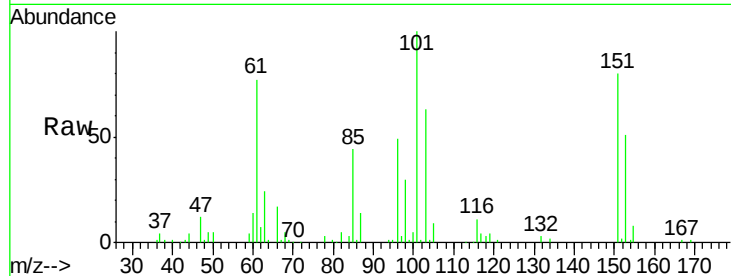
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.53 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	133694		
85	41.9	34.4	51.6	
151	80.1	66.2	99.4	

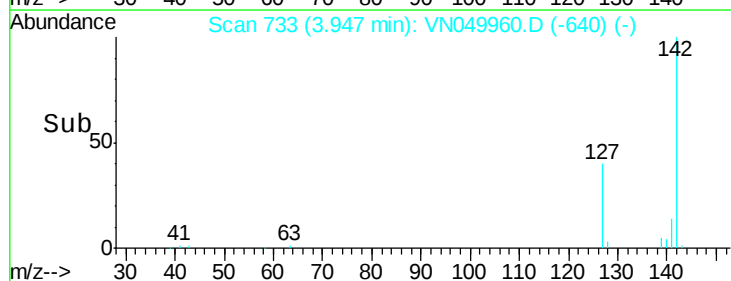
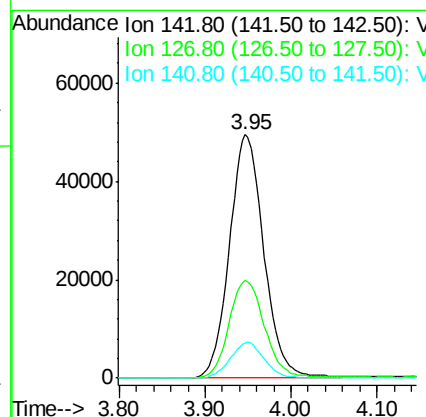
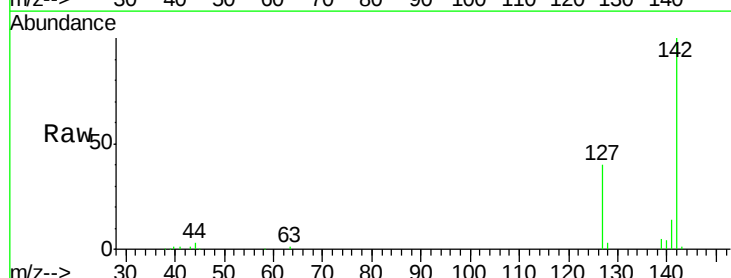
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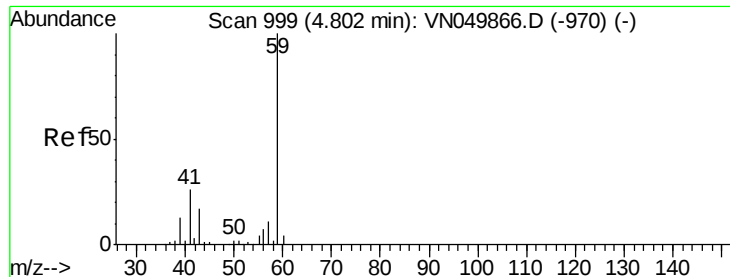
MMDadoda
 7/23/2018 2:04:06 PM



#10
 Methyl Iodide
 Concen: 14.98 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	137614		
127	41.2	32.5	48.7	
141	14.4	11.1	16.7	





#11

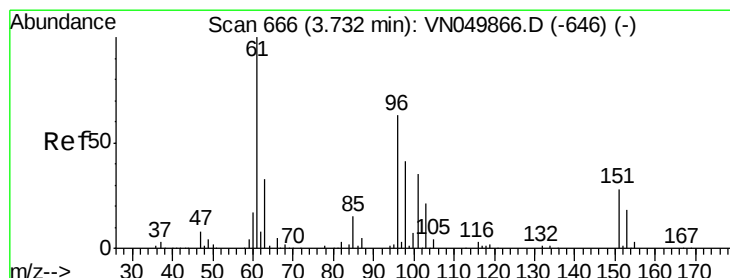
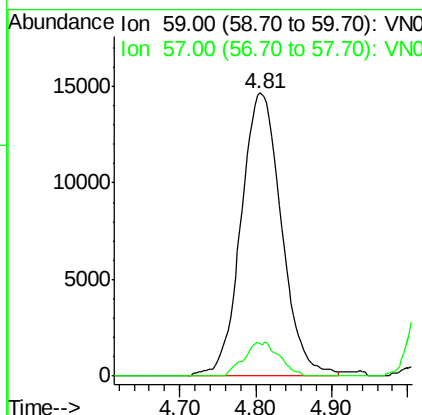
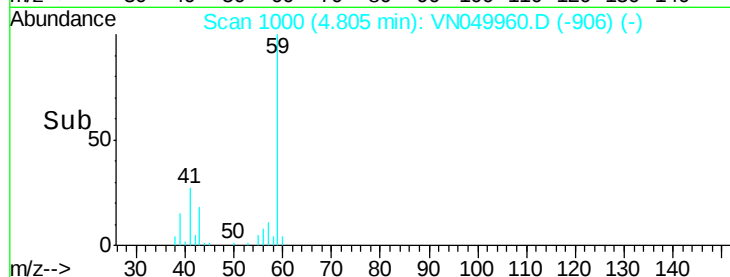
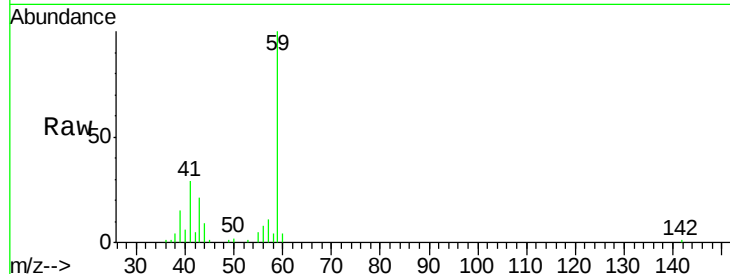
Tert butyl alcohol
Concen: 99.81 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion: 59 Resp: 54220
Ion Ratio Lower Upper
59 100
57 5.5 8.5 12.7#

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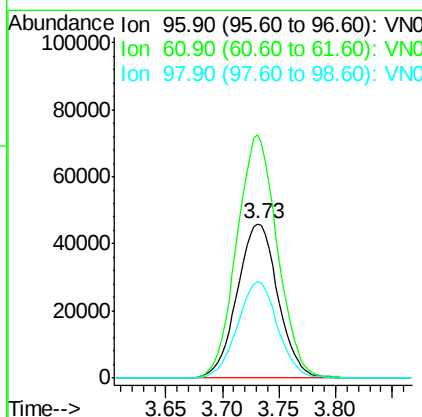
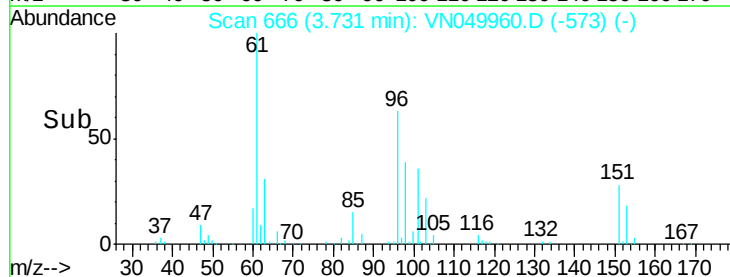
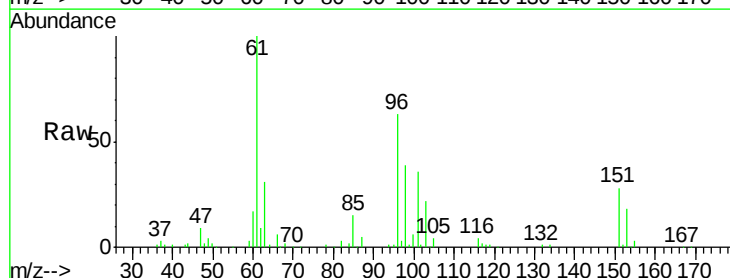
MMDadoda
7/23/2018 2:04:06 PM

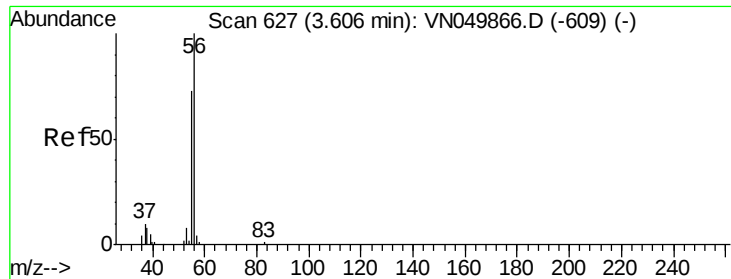


#12

1,1-Dichloroethene
Concen: 19.21 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion: 96 Resp: 115509
Ion Ratio Lower Upper
96 100
61 157.8 126.5 189.7
98 62.2 51.0 76.6





#13

Acrolein

Concen: 72.46 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 56 Resp: 25364

Ion Ratio Lower Upper

56 100

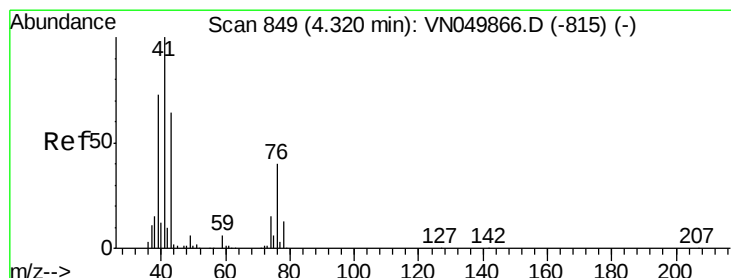
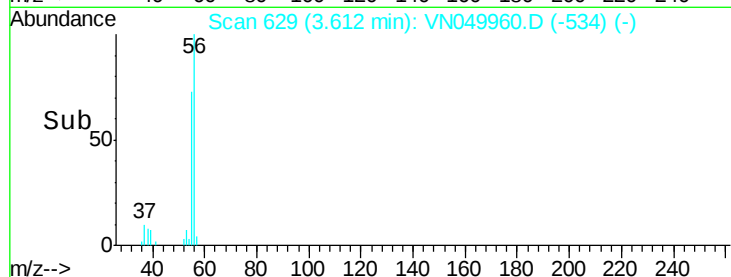
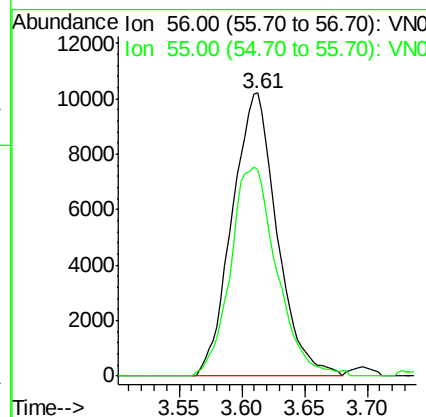
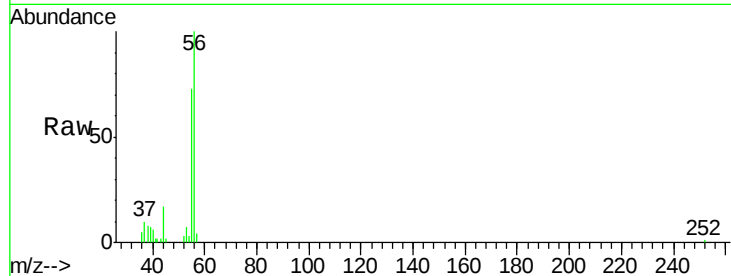
55 76.3 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.57 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

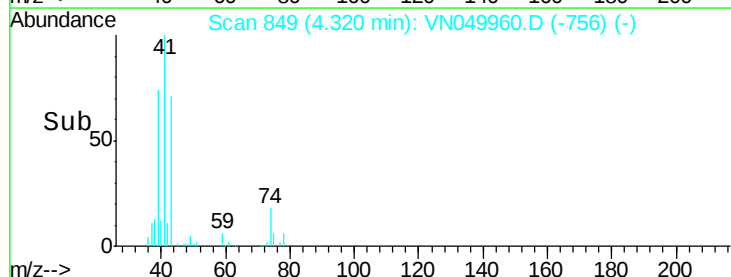
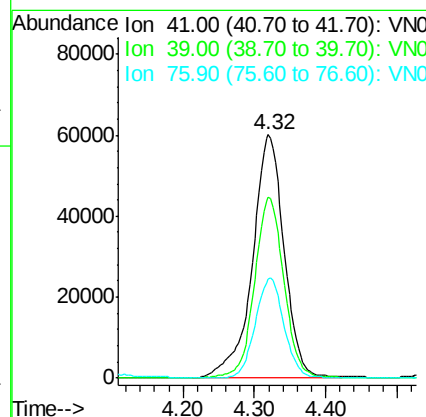
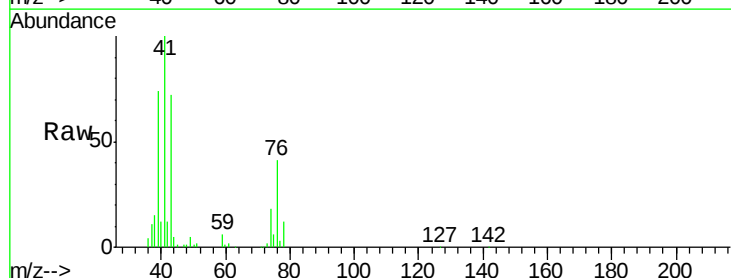
Tgt Ion: 41 Resp: 185551

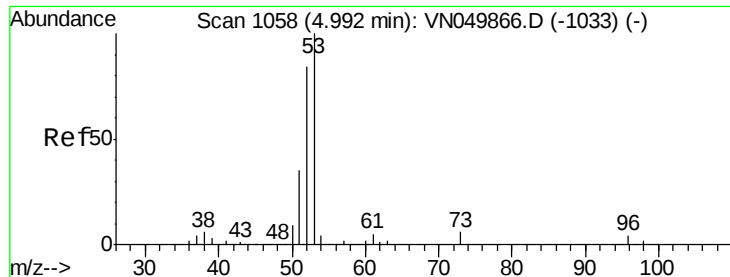
Ion Ratio Lower Upper

41 100

39 68.5 53.2 79.8

76 37.2 29.0 43.6





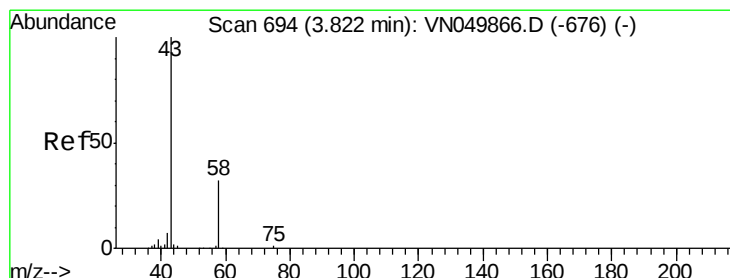
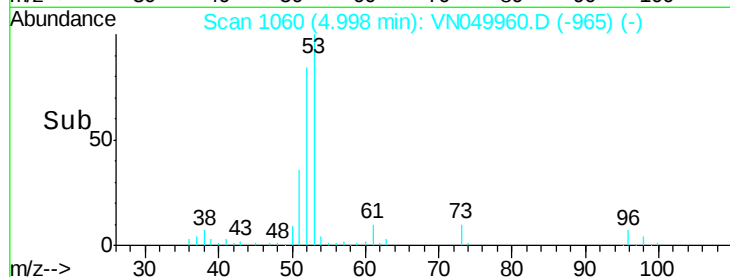
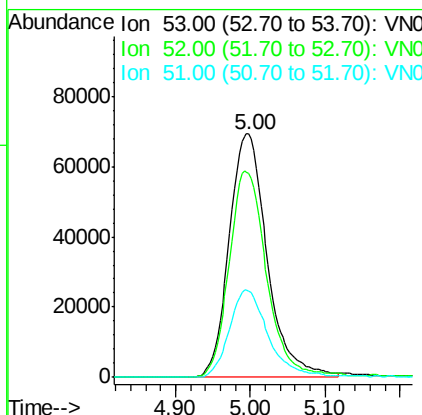
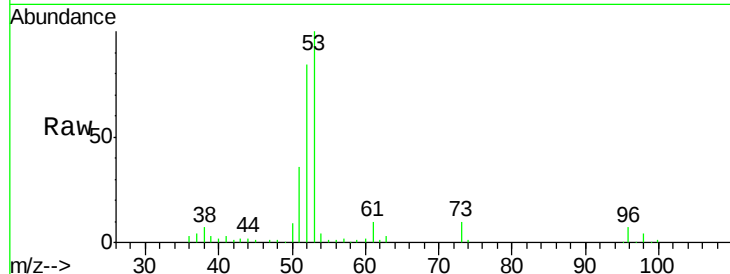
#15
 Acrylonitrile
 Concen: 102.61 ug/l
 RT: 5.00 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	64.8	97.2
51	36.0	28.9	43.3

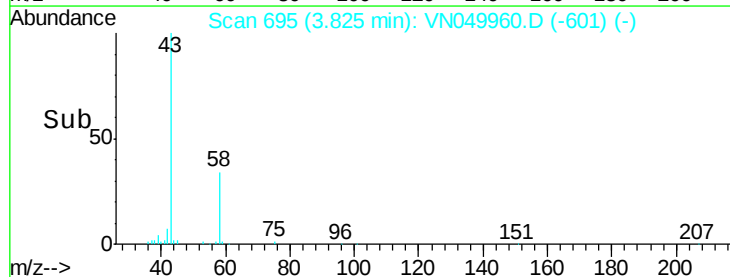
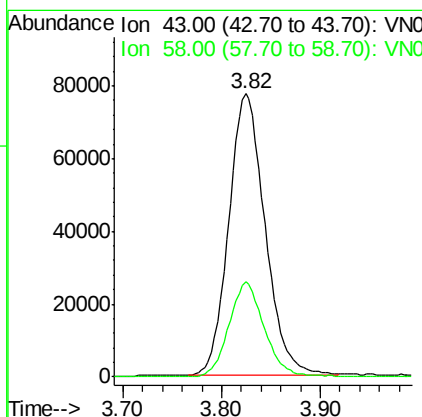
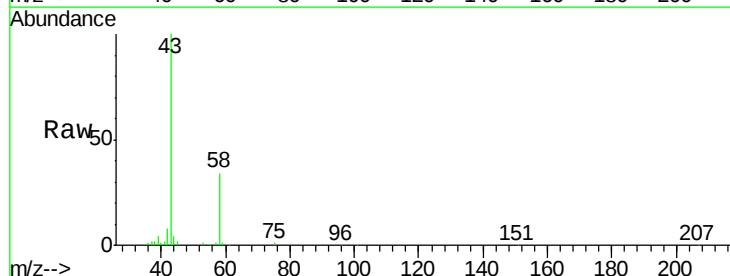
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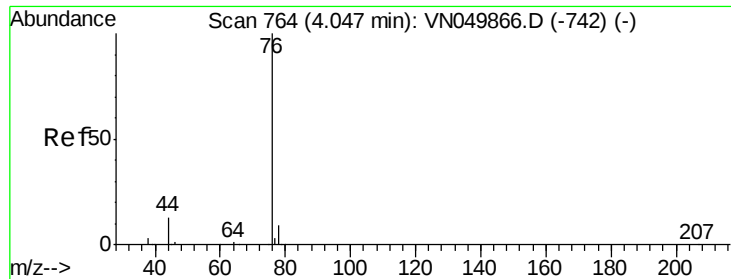
MMDadoda
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#16
 Acetone
 Concen: 100.40 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.9	38.9





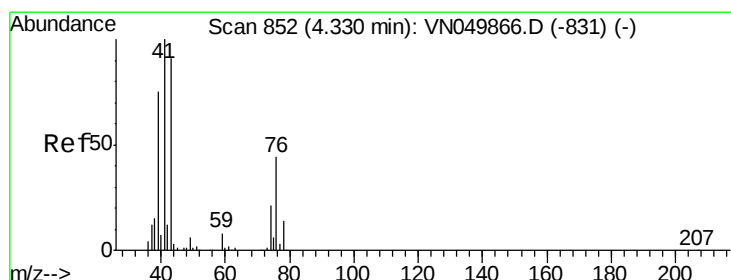
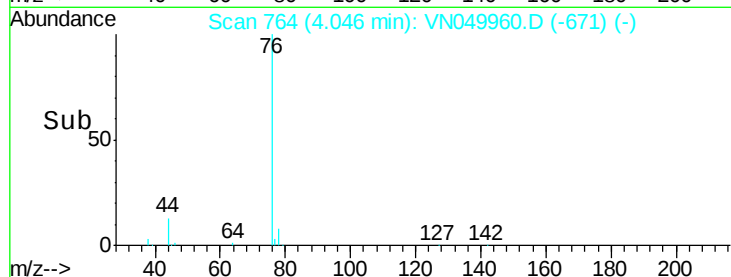
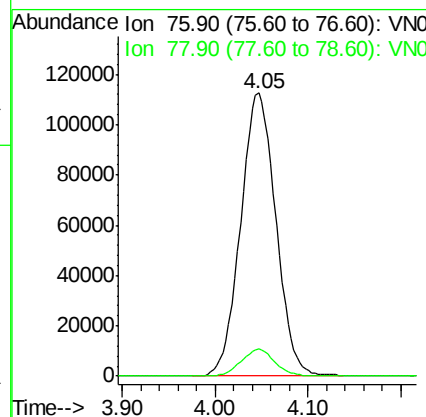
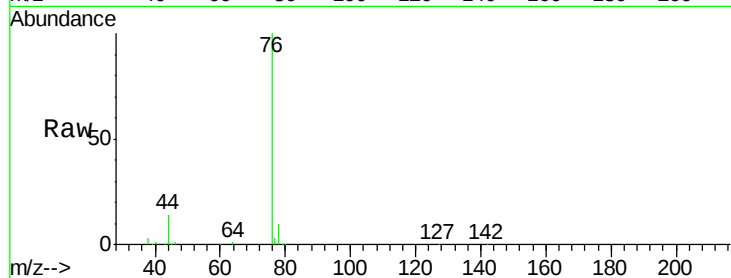
#17
Carbon Disulfide
Concen: 16.51 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

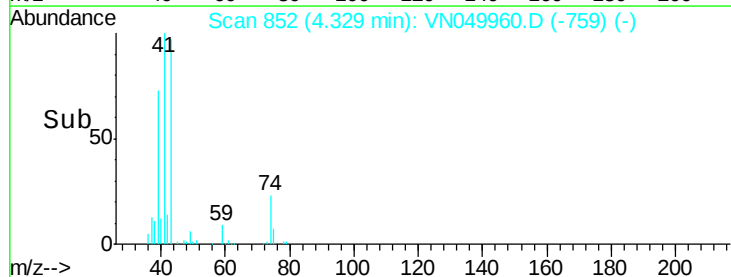
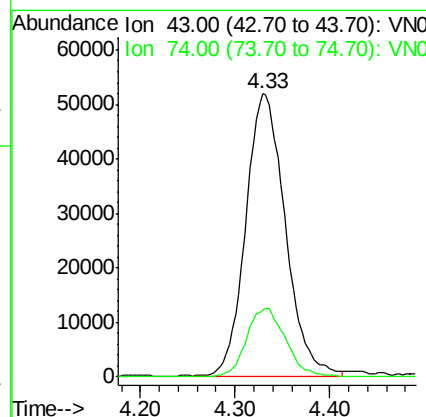
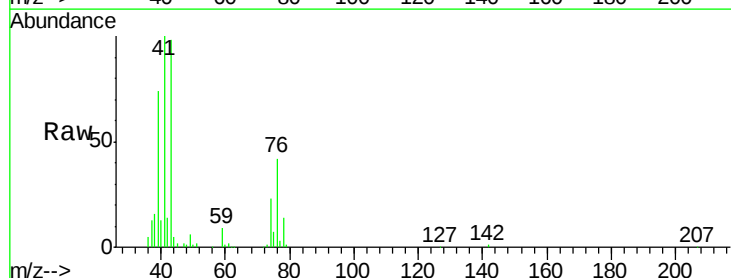
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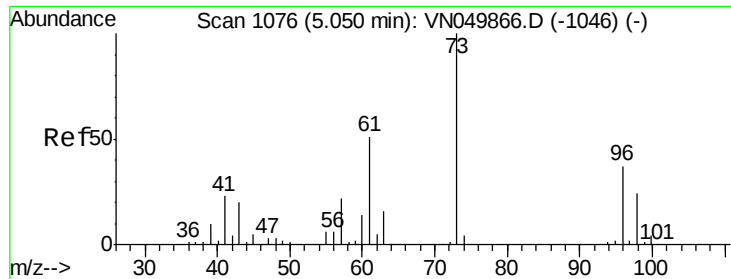
MMDadoda
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#18
Methyl Acetate
Concen: 23.70 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.8	29.8





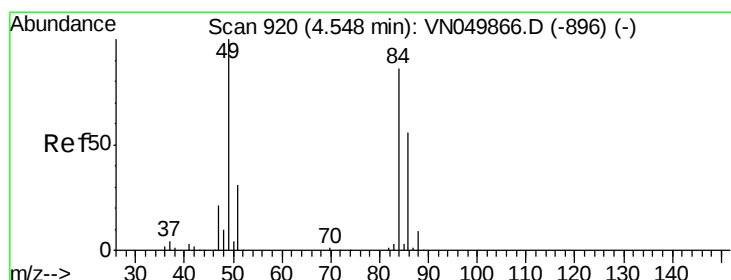
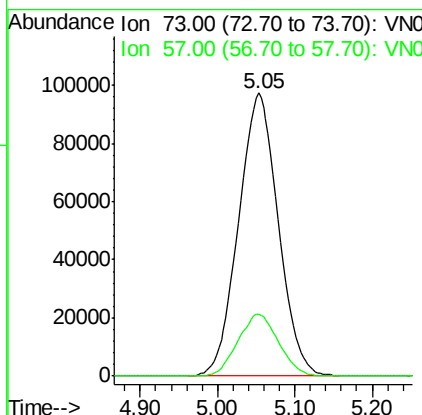
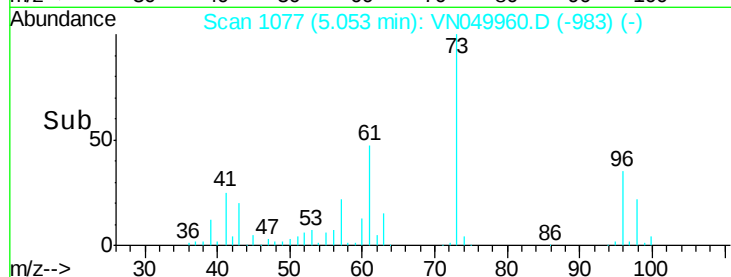
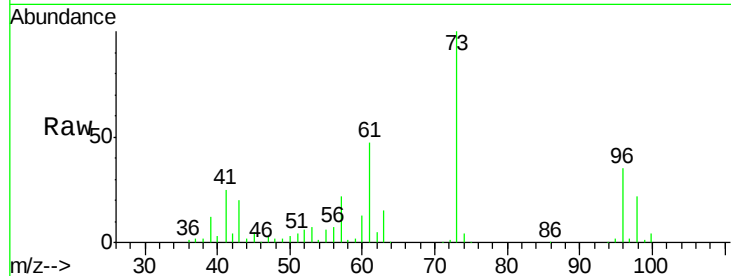
#19
Methvl tert-butvl Ether
Concen: 20.98 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion: 73 Resp: 347164
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

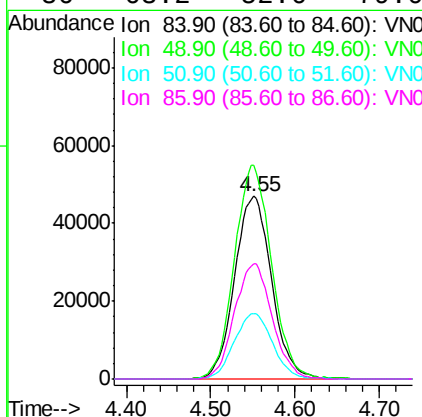
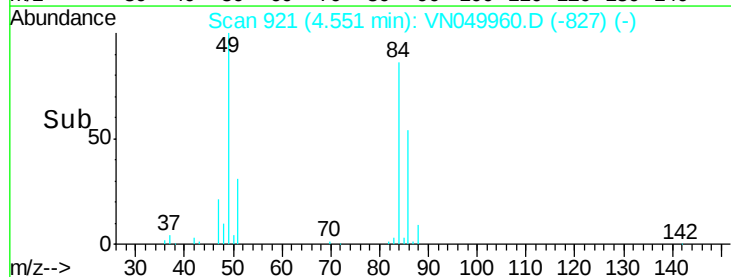
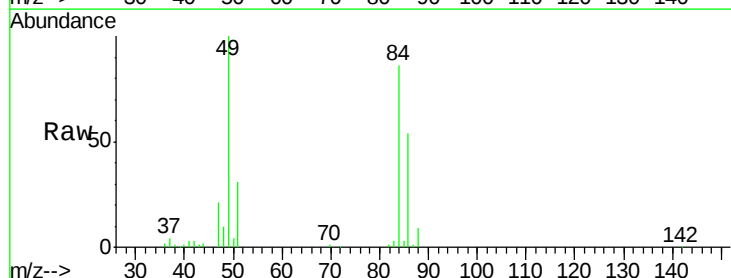
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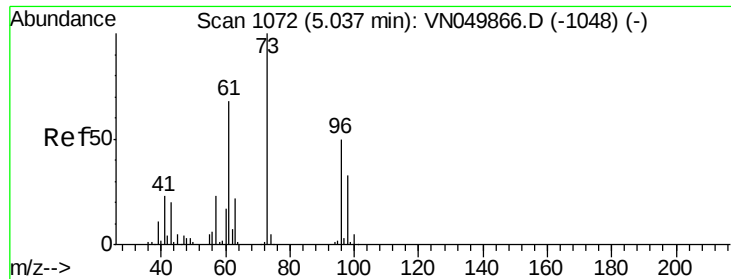
MMDadoda
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#20
Methylene Chloride
Concen: 19.12 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion: 84 Resp: 143576
Ion Ratio Lower Upper
84 100
49 116.9 95.4 143.2
51 35.9 28.4 42.6
86 63.2 52.6 79.0





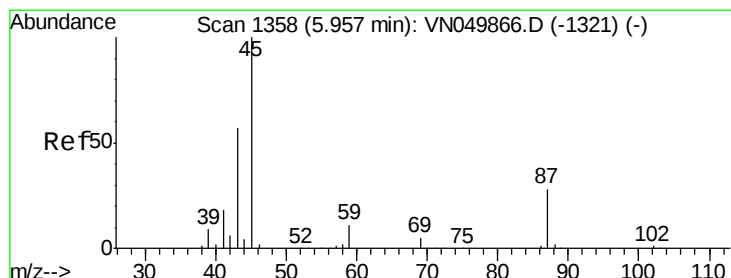
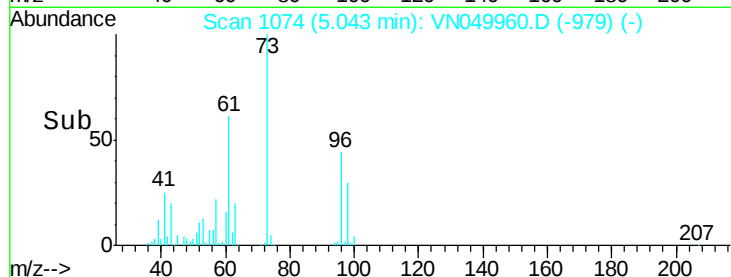
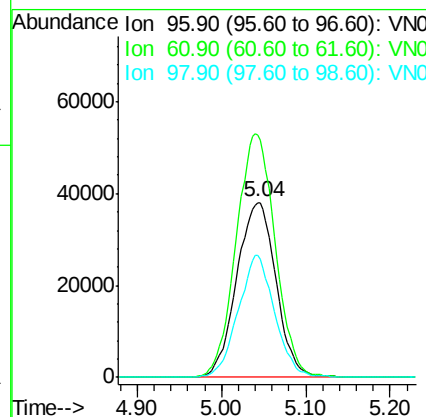
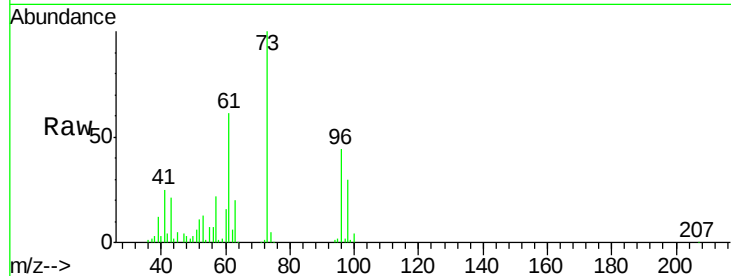
#21
trans-1,2-Dichloroethene
Concen: 19.28 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	109.0	163.6
98	69.8	51.1	76.7

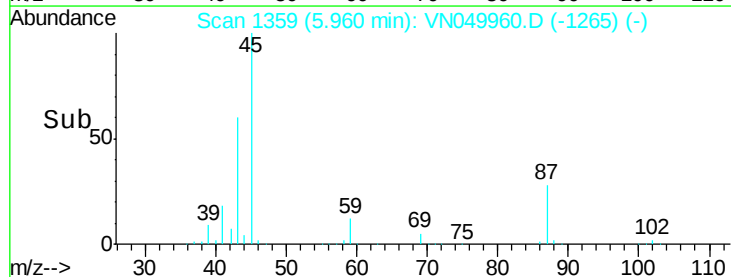
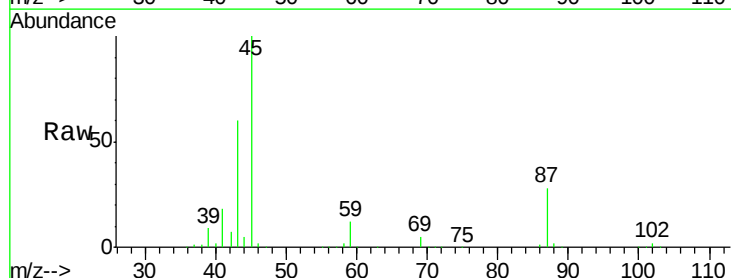
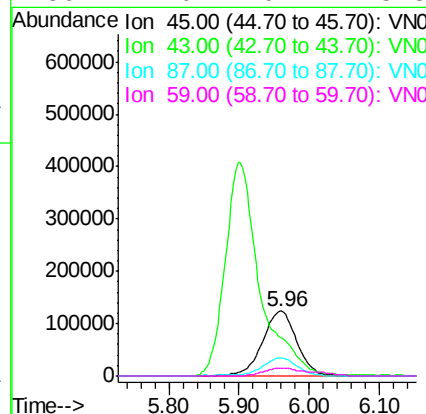
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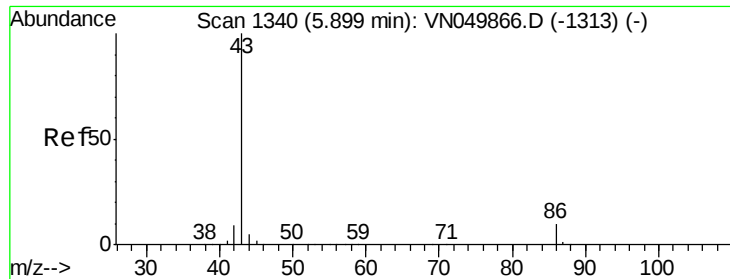
MMDadoda
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#22
Diisopropyl ether
Concen: 21.80 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.1	72.1
87	27.8	22.6	34.0
59	12.0	9.2	13.8





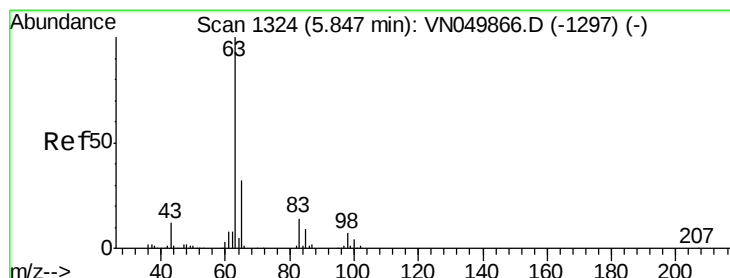
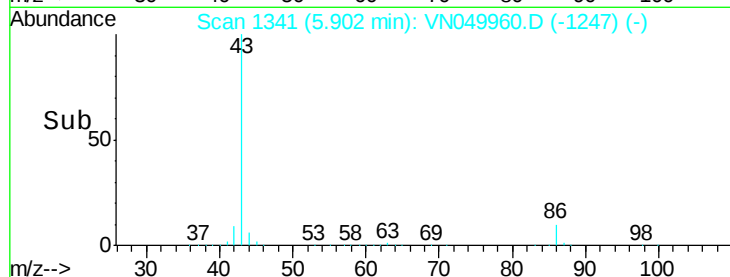
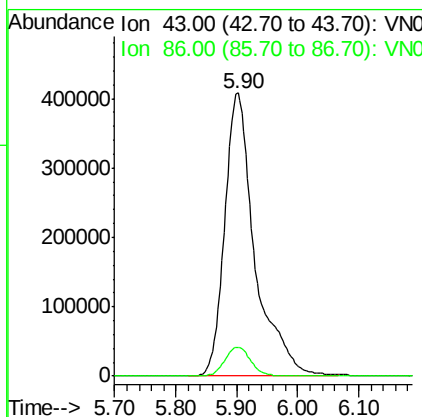
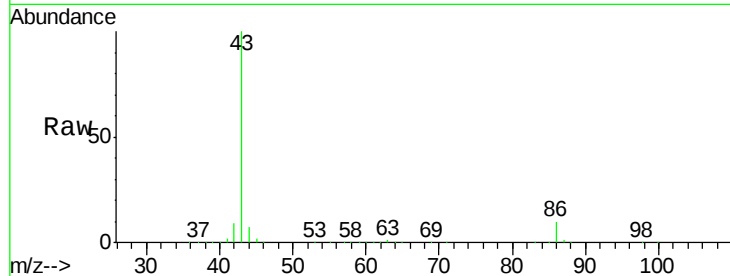
#23
 Vinyl Acetate
 Concen: 103.49 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion: 43 Resp: 1404964
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6

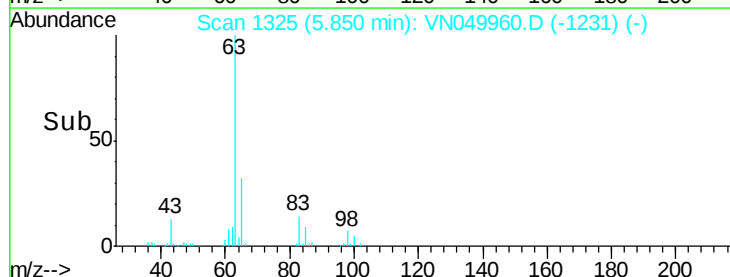
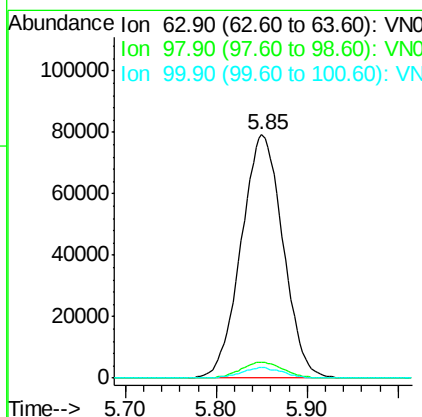
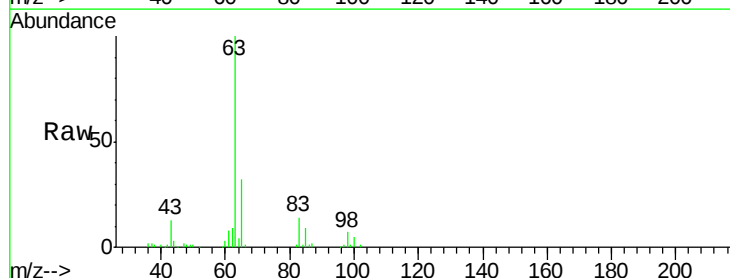
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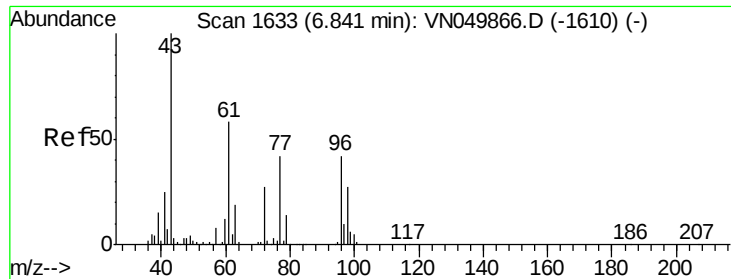
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#24
 1,1-Dichloroethane
 Concen: 20.38 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion: 63 Resp: 253154
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 105.89 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0720WBSD01

Tot Ion: 43 Resp: 298776

Ion Ratio Lower Upper

43 100

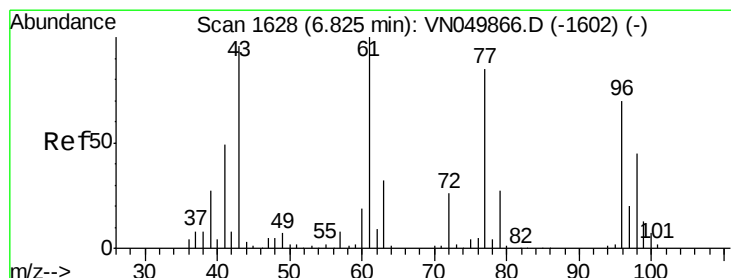
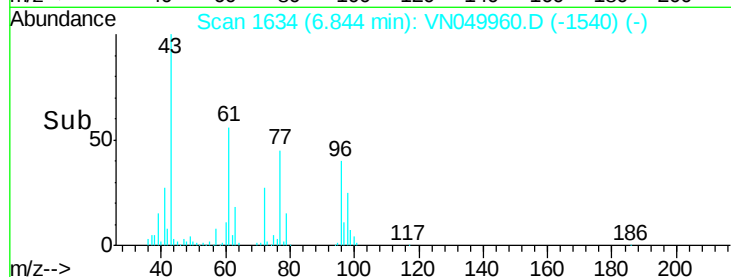
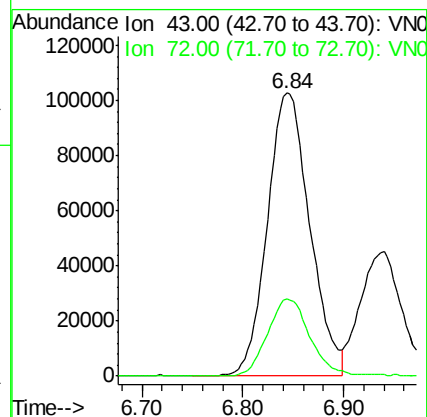
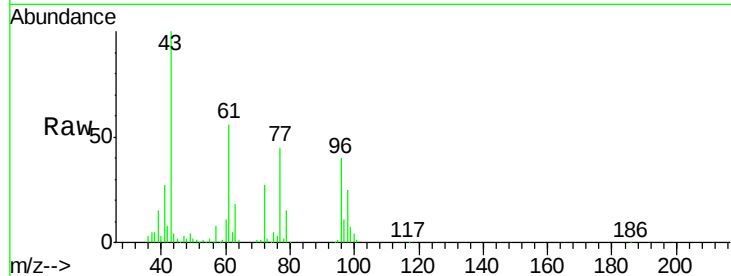
72 27.3 22.1 33.1

Manual Integrations

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MMDadoda

7/23/2018 2:04:06 PM



#26

2,2-Dichloropropane

Concen: 21.44 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049960.D

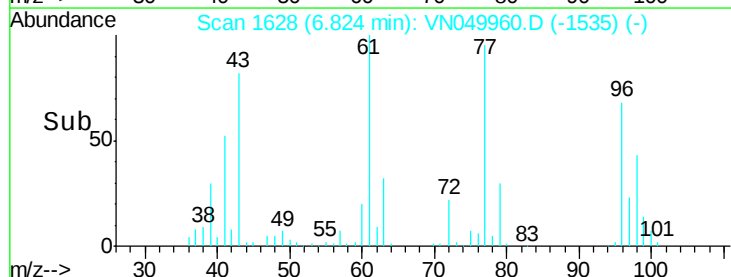
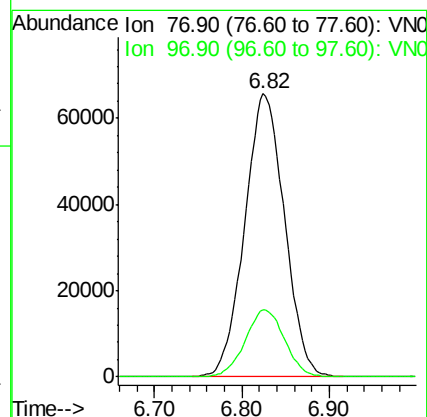
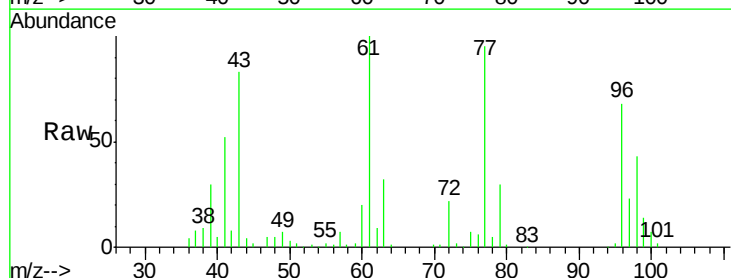
Acq: 20 Jul 2018 14:11

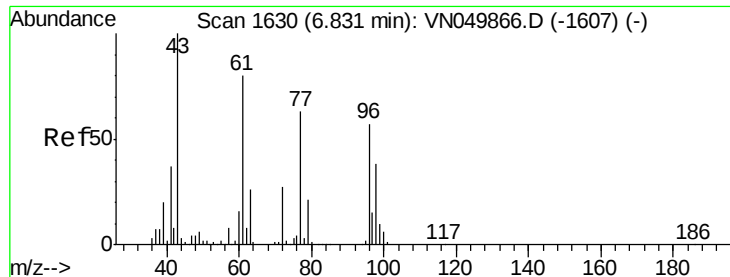
Tgt Ion: 77 Resp: 207236

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.61 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

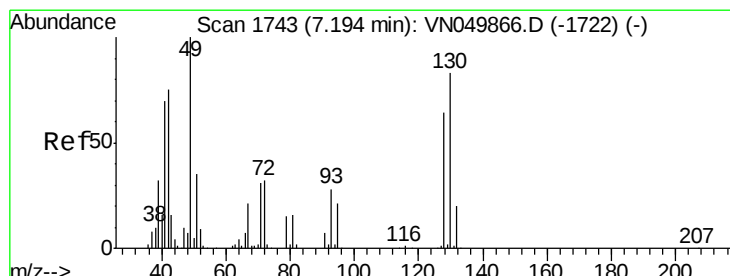
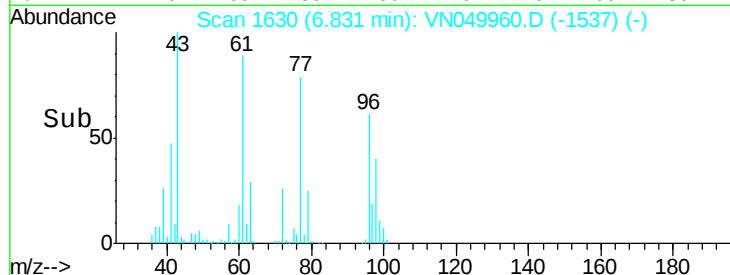
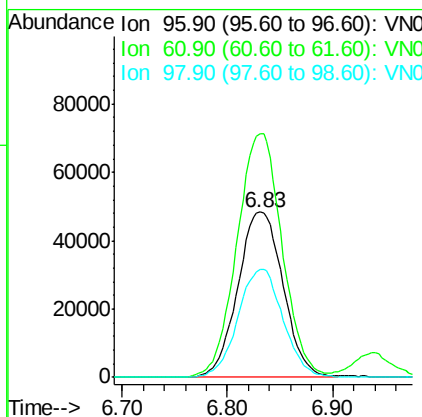
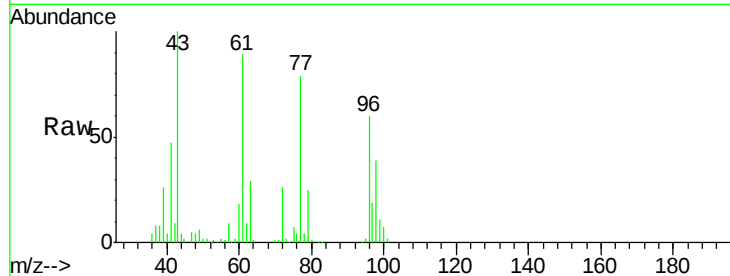
ClientSampleId :

VN0720WBSD01

Tot Ion:	96	Resp:	144425
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	289.0
98	65.3	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 20.56 ug/l

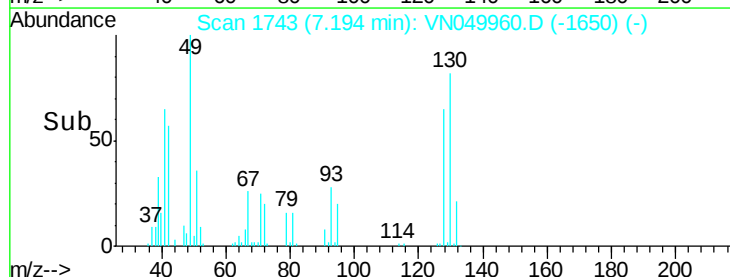
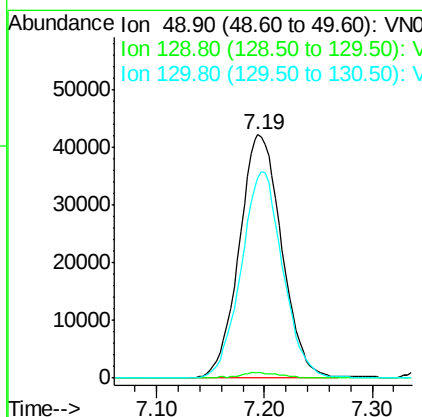
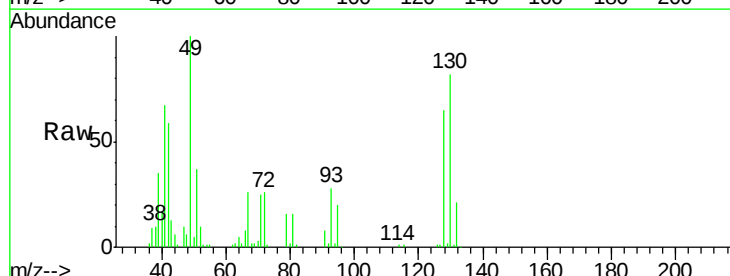
RT: 7.19 min Scan# 1743

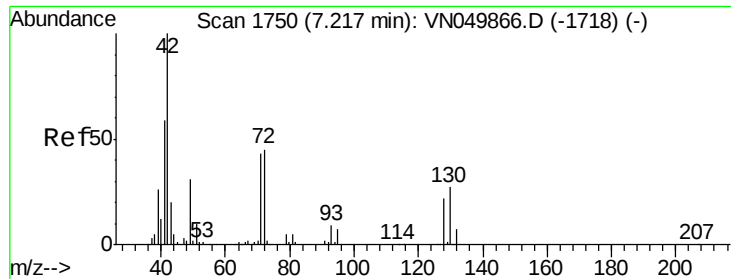
Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion:	49	Resp:	115358
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.1	65.5	98.3





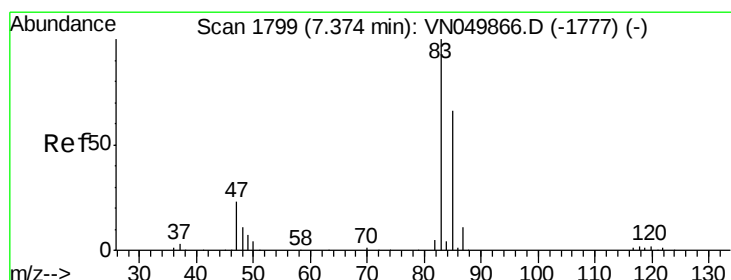
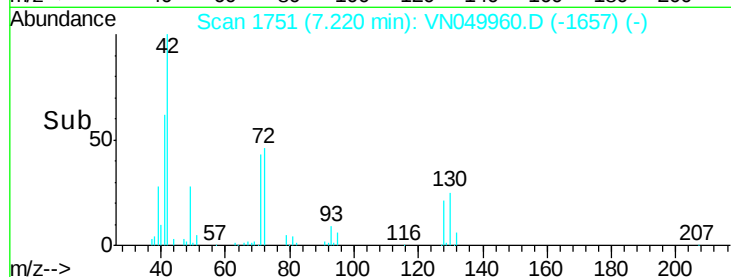
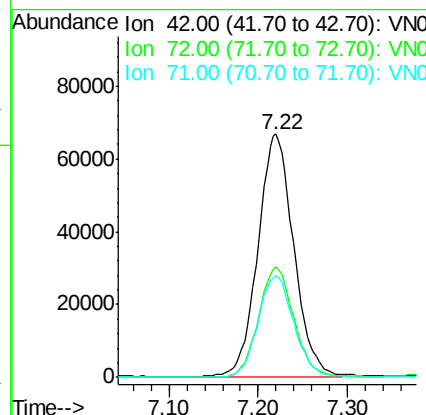
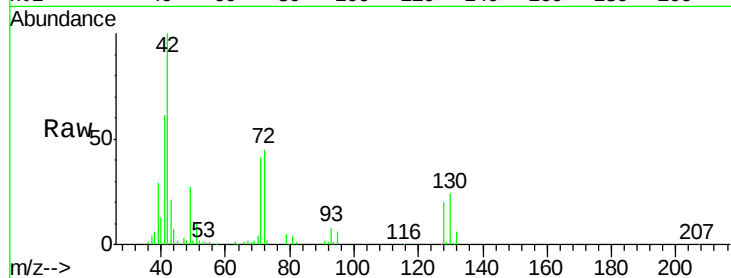
#29
Tetrahydrofuran
Concen: 104.83 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.6	53.4
71	41.8	34.0	51.0

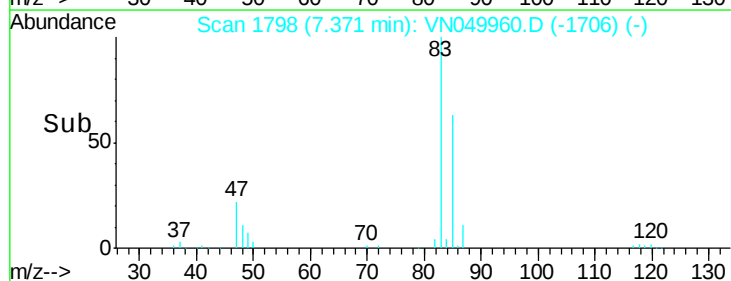
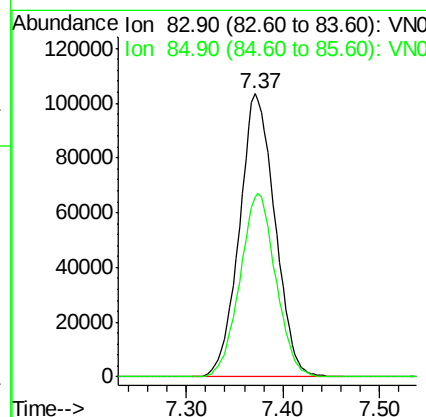
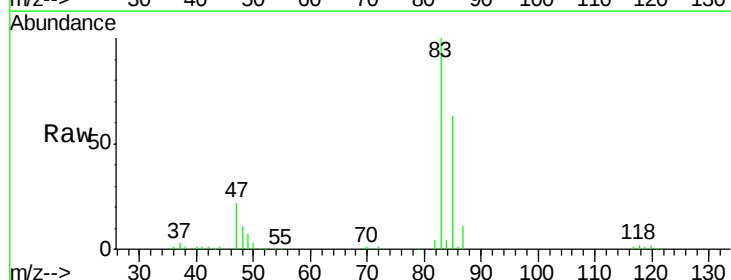
Manual Integrations
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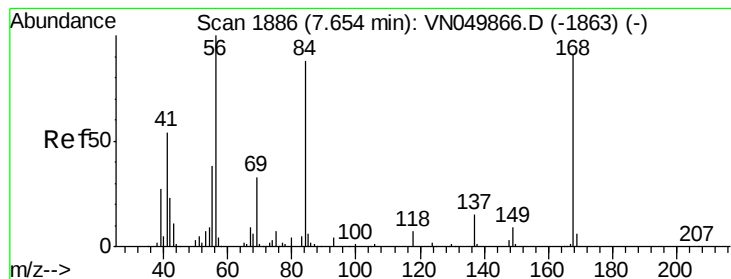
MMDadoda
7/23/2018 2:04:06 PM



#30
Chloroform
Concen: 20.71 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





#31

Cyclohexane

Concen: 19.10 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0720WBSD01

Tot Ion: 56 Resp: 193093

Ion Ratio Lower Upper

56 100

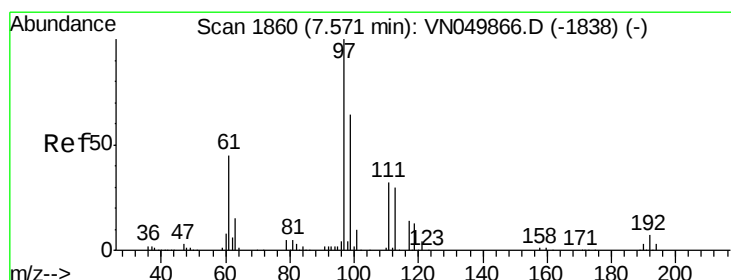
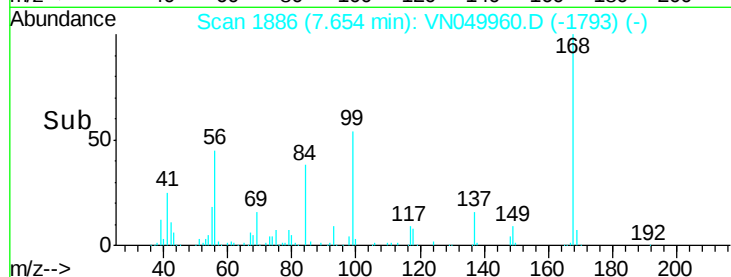
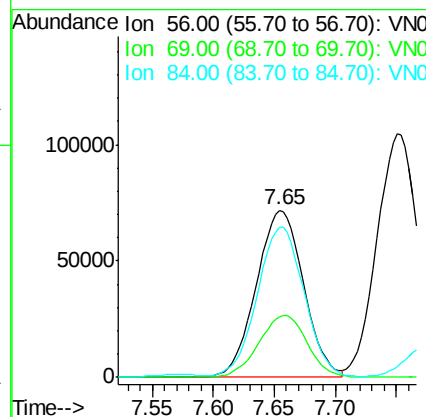
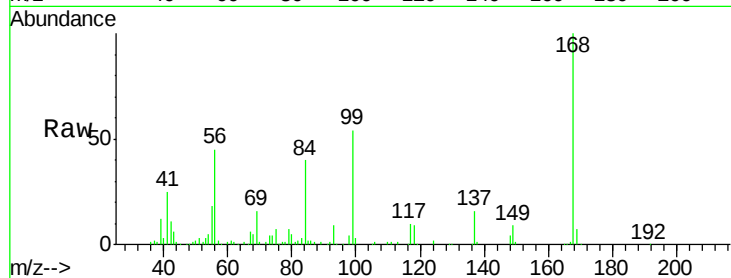
69 36.2 26.6 40.0

84 88.4 69.0 103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.71 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

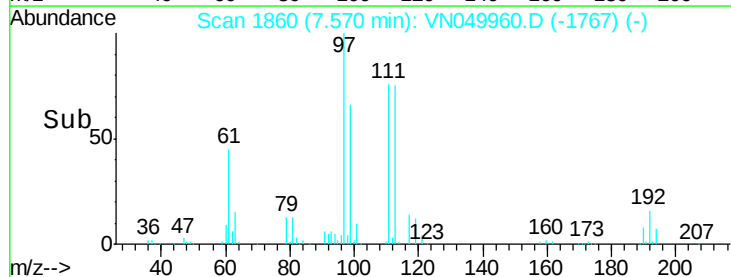
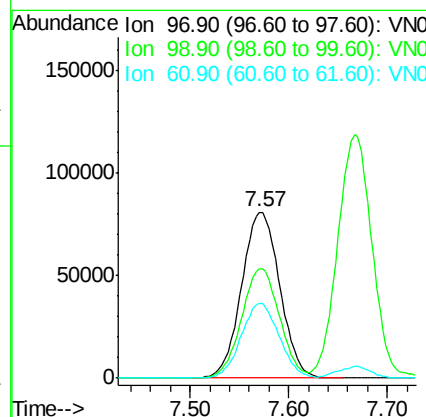
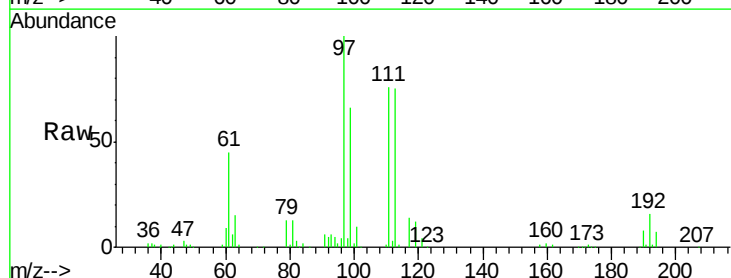
Tgt Ion: 97 Resp: 217190

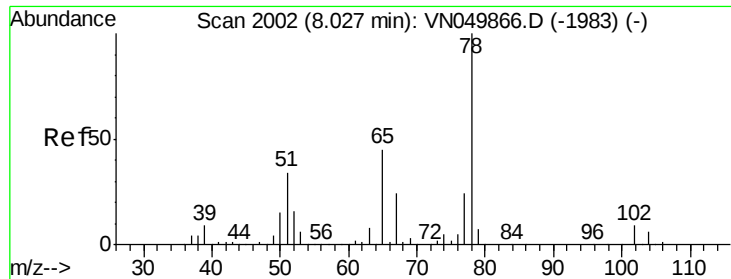
Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.4

61 44.9 35.5 53.3





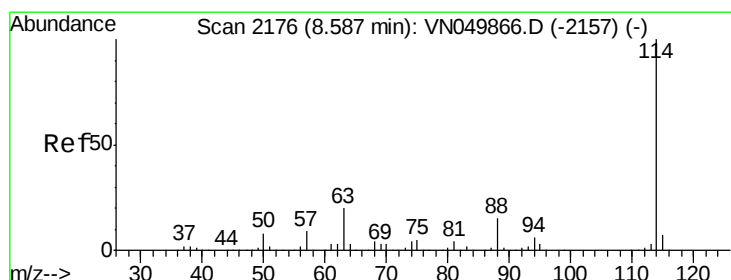
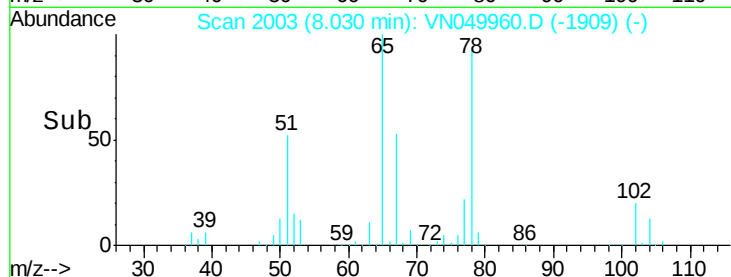
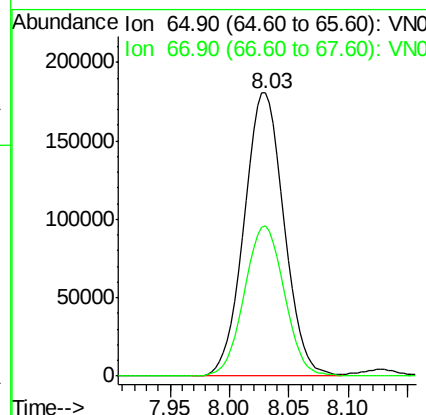
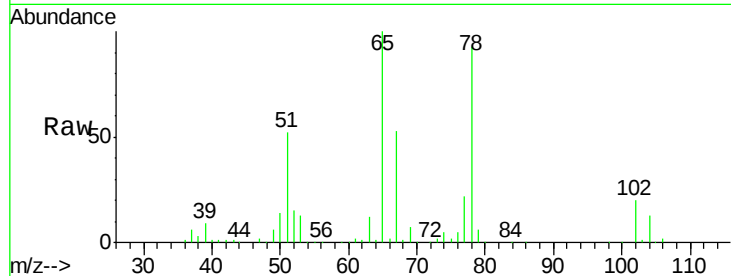
#33
 1,2-Dichloroethane-d4
 Concen: 55.14 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion: 65 Resp: 420417
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2

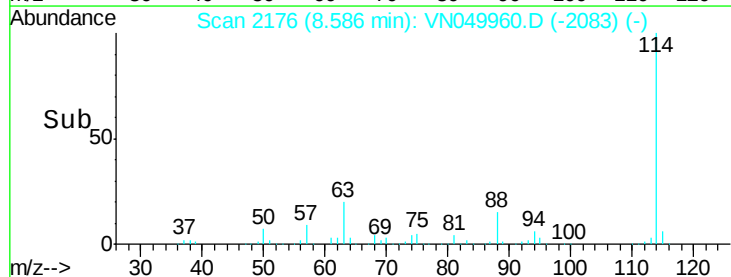
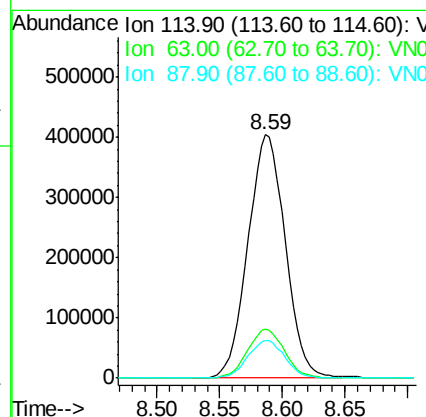
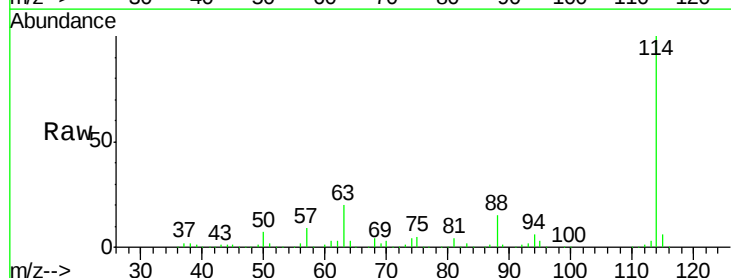
Manual Integrations
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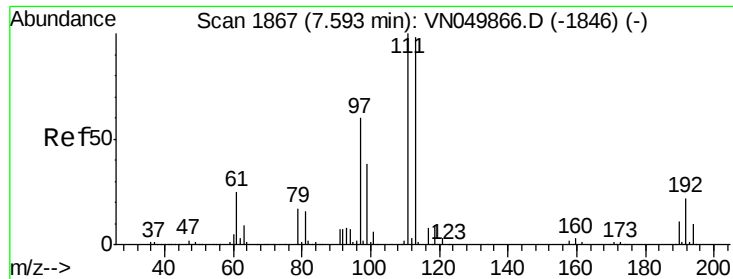
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion: 114 Resp: 838105
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.4 0.0 30.6





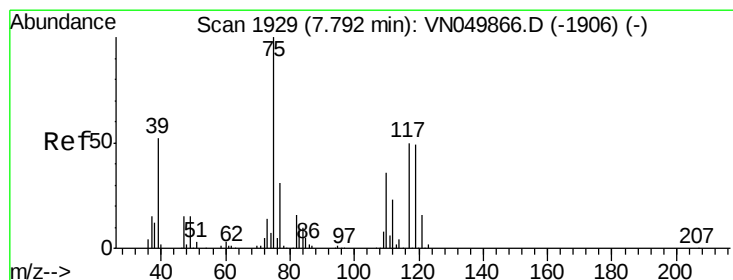
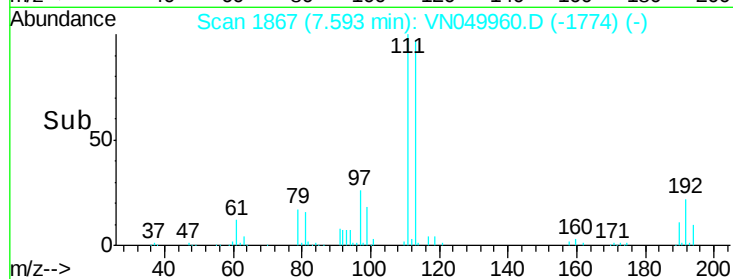
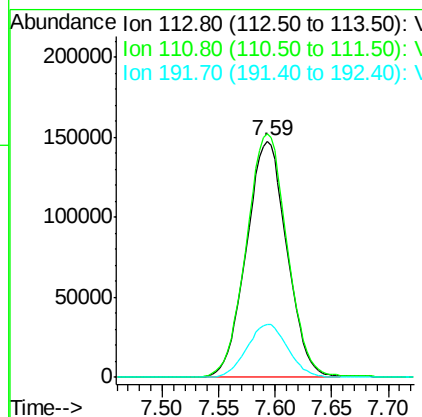
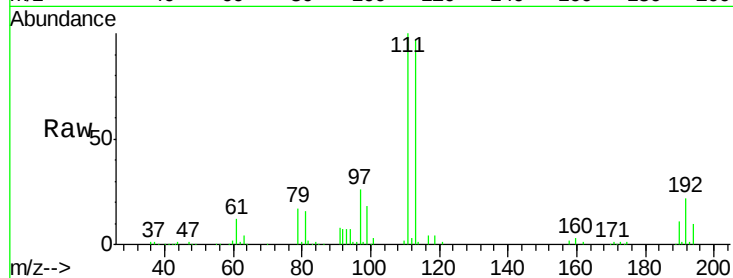
#35
 Dibromofluoromethane
 Concen: 52.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	367798		
111	104.5	81.8	122.8	
192	22.6	17.8	26.6	

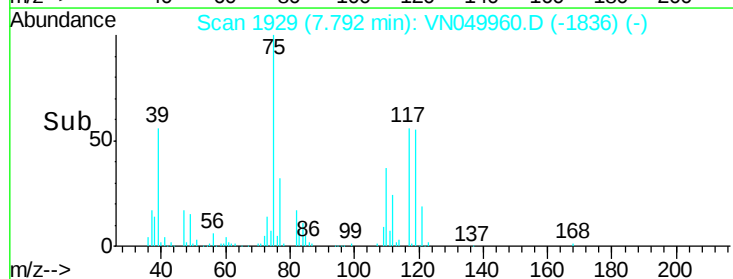
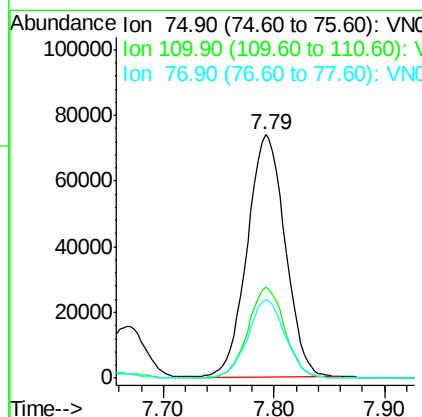
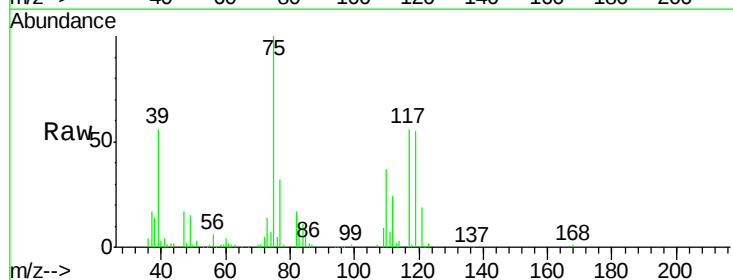
Manual Integrations
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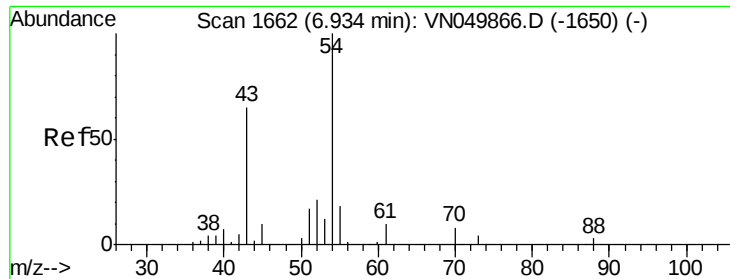
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#36
 1,1-Dichloropropene
 Concen: 18.93 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176415		
110	36.3	18.1	54.4	
77	32.0	24.9	37.3	





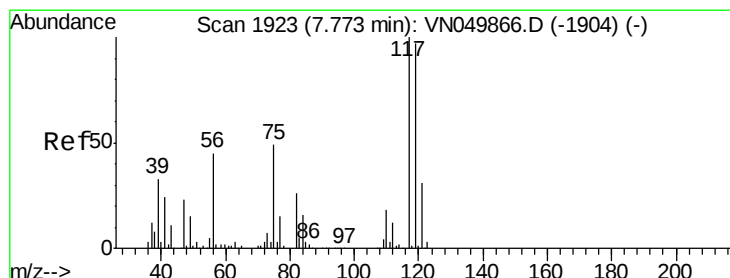
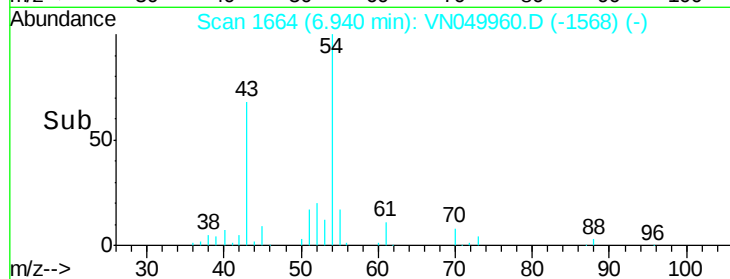
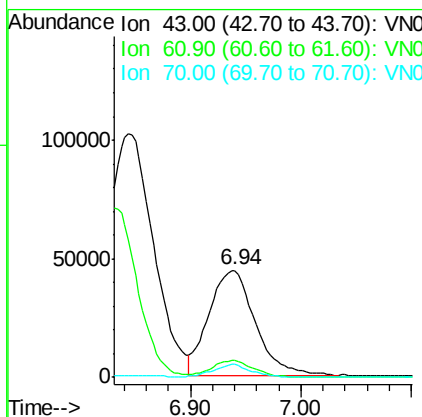
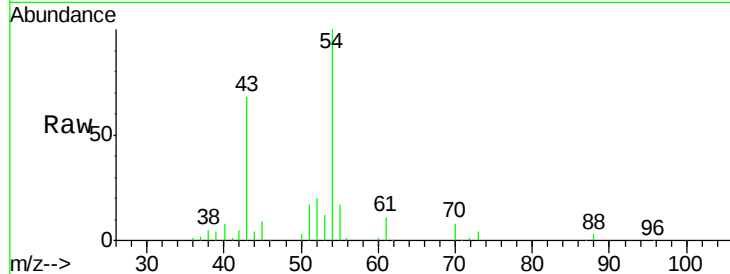
#37
Ethyl Acetate
Concen: 20.23 ug/l
RT: 6.94 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	10.2	8.4	12.6

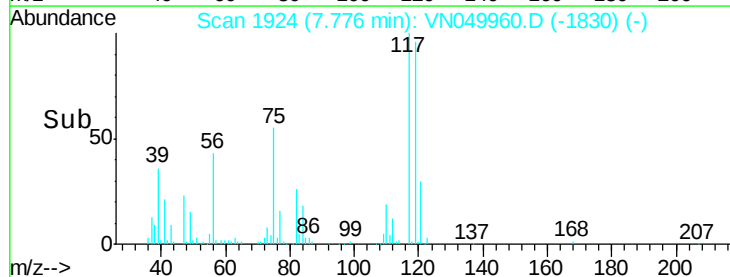
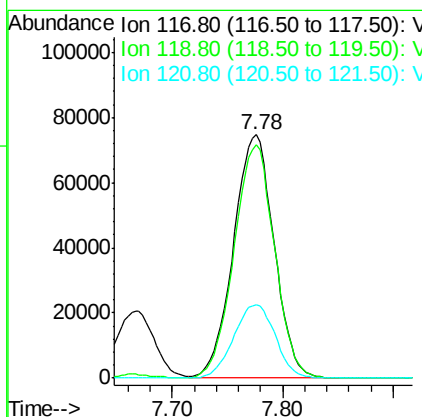
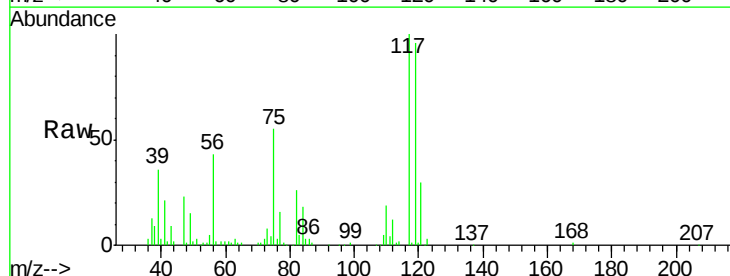
Manual Integrations
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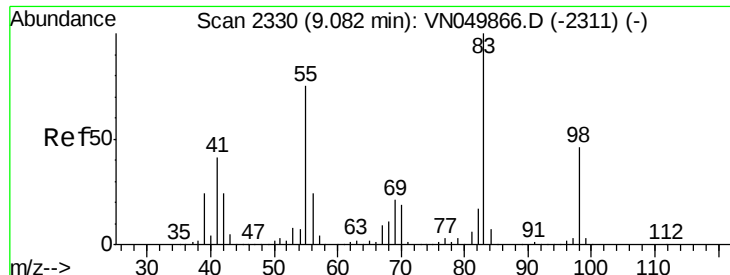
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#38
Carbon Tetrachloride
Concen: 19.11 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.2	115.8
121	30.1	25.0	37.6





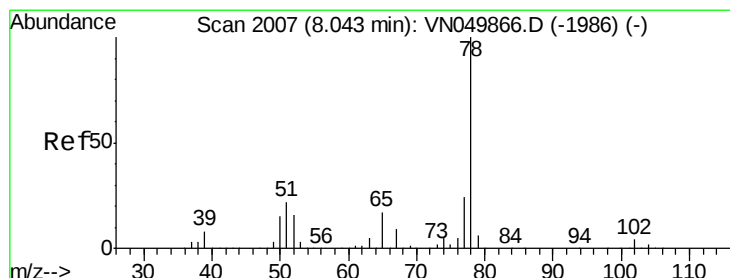
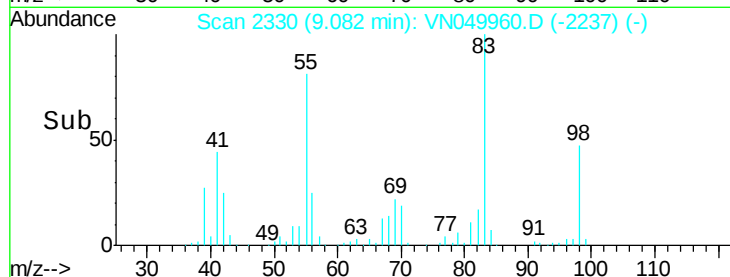
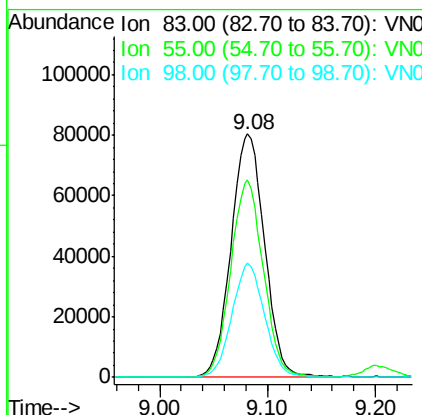
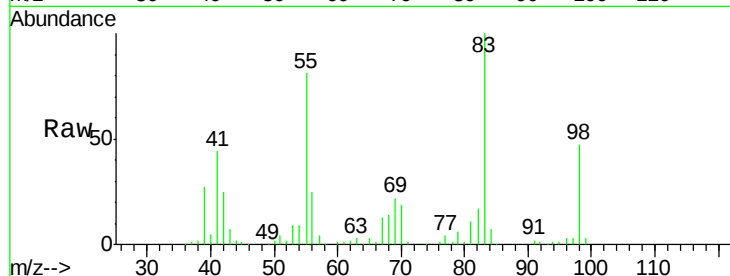
#39
Methvlcvclohexane
Concen: 18.01 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	59.7	89.5
98	46.8	36.5	54.7

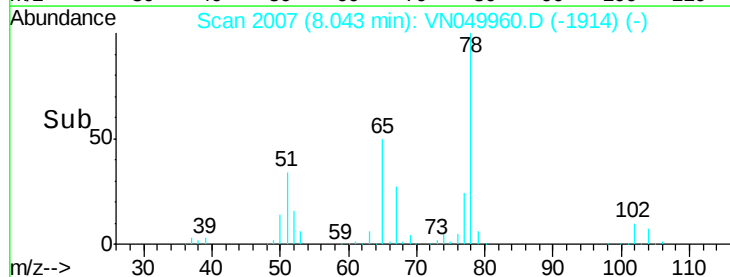
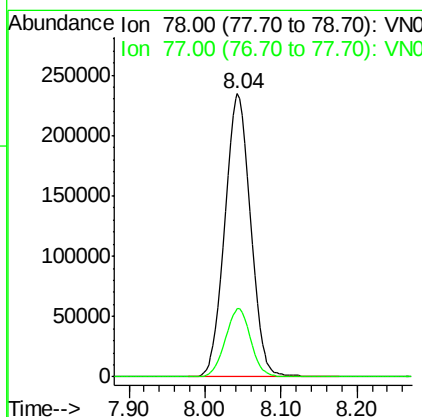
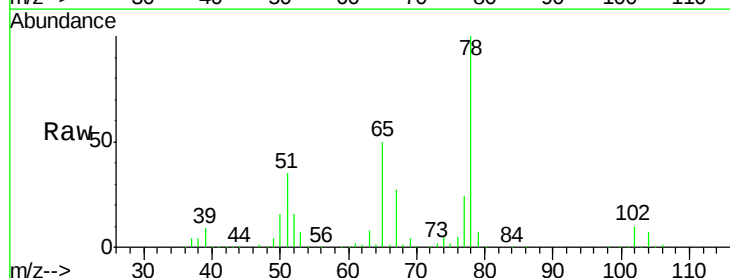
Manual Integrations
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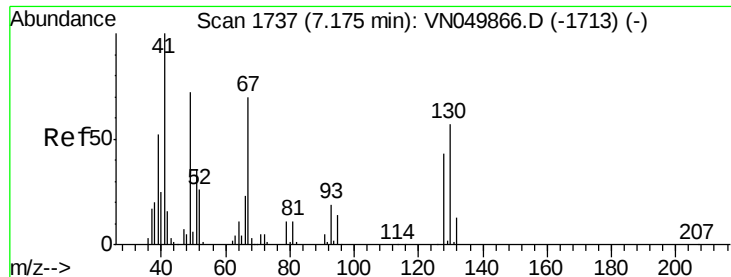
MMDadoda
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#40
Benzene
Concen: 19.51 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





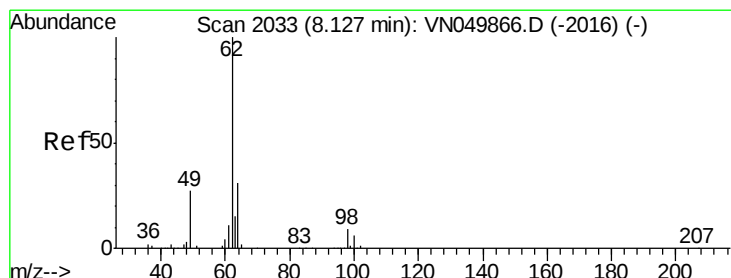
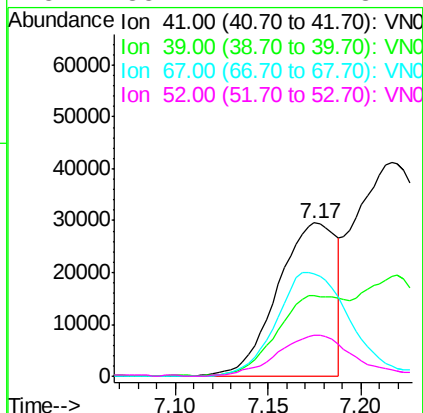
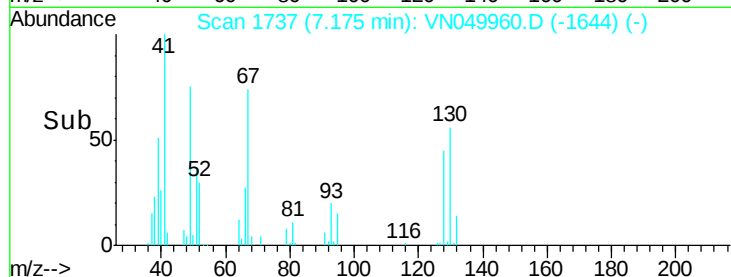
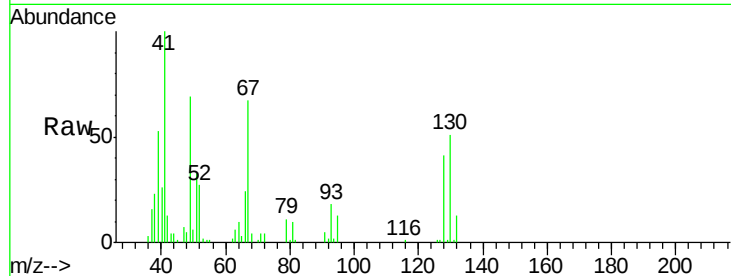
#41
Methacrylonitrile
Concen: 20.28 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.2	45.4	68.2	
67	85.8	65.4	98.0	
52	35.7	24.7	37.1	

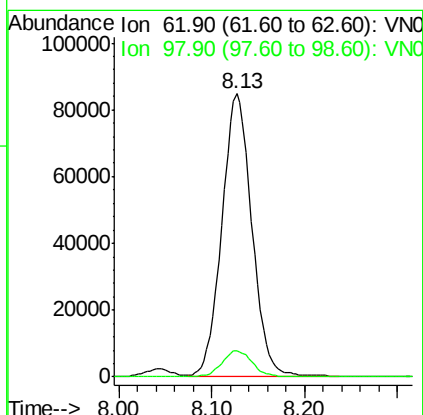
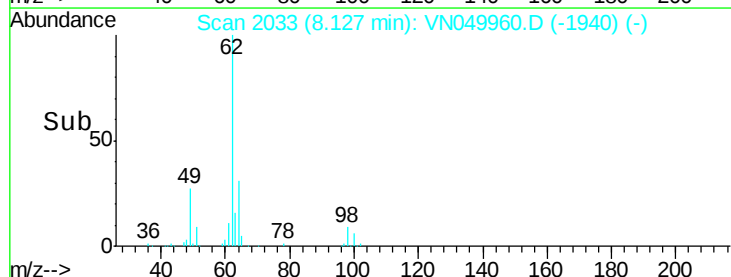
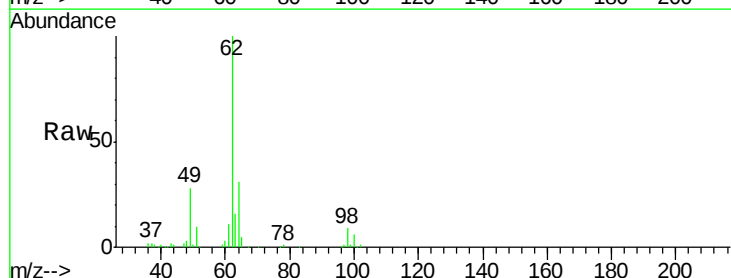
Manual Integrations
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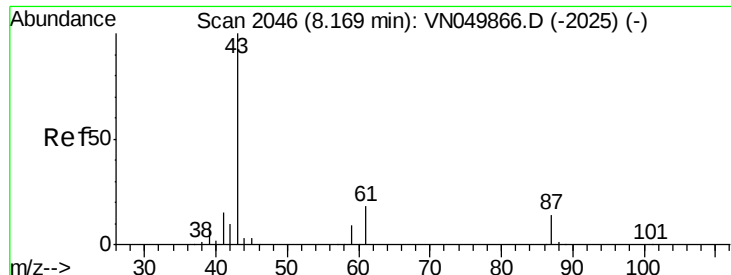
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.19 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.0	





#43

Isopropyl Acetate

Concen: 22.18 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

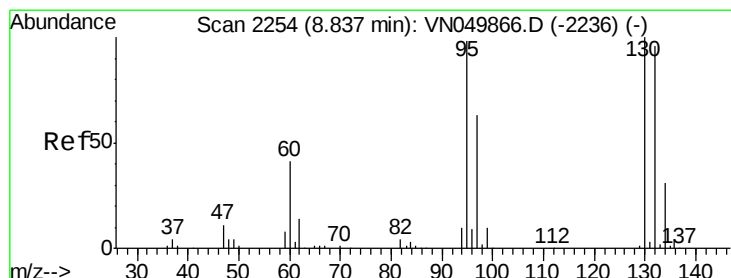
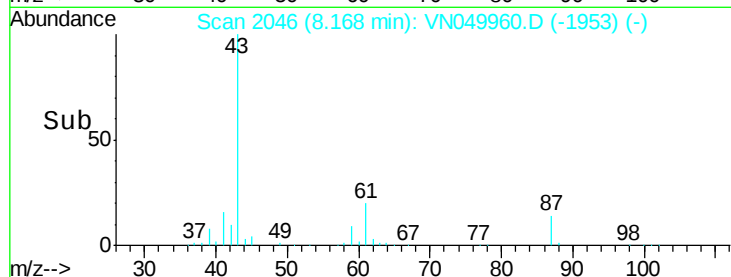
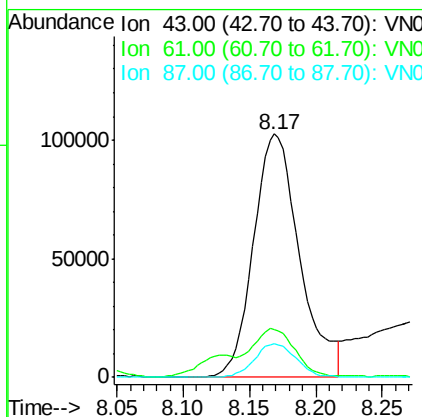
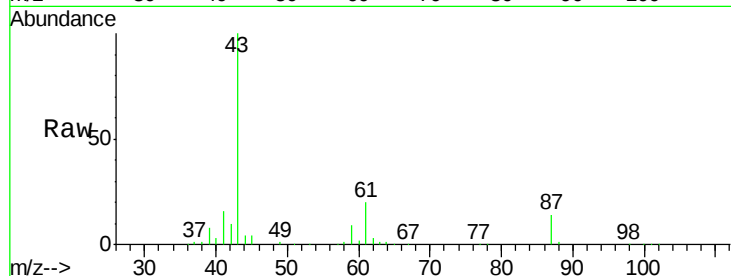
ClientSampleId :

VN0720WBSD01

Tot Ion:	43	Resp:	247981
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.9	22.3
87	12.6	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.45 ug/l

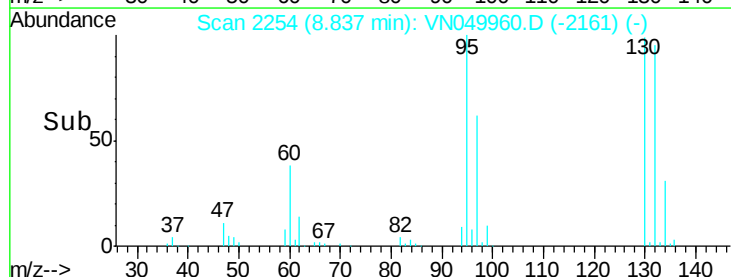
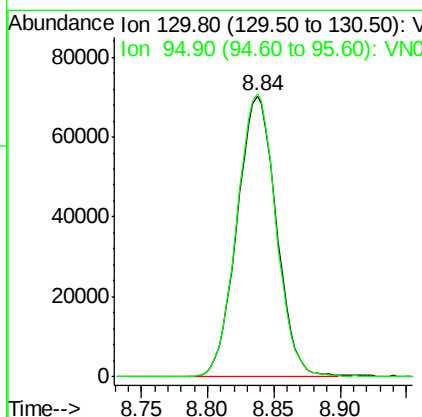
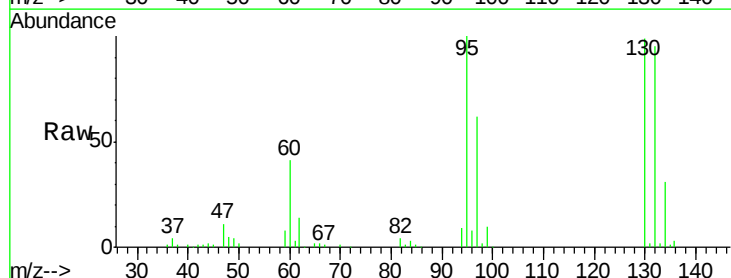
RT: 8.84 min Scan# 2254

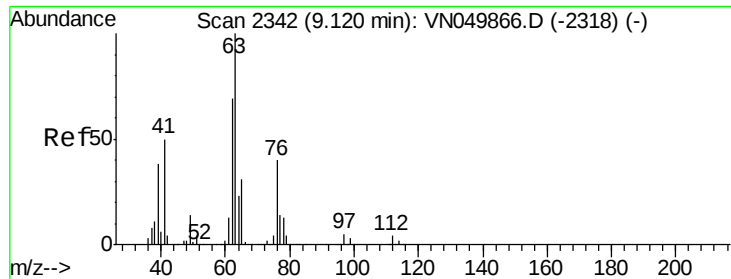
Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion:	130	Resp:	144884
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	192.8





#45

1,2-Dichloropropane

Concen: 20.23 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 63 Resp: 154977

Ion Ratio Lower Upper

63 100

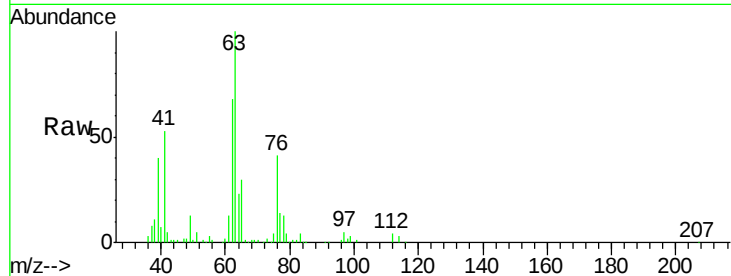
65 30.0 24.7 37.1

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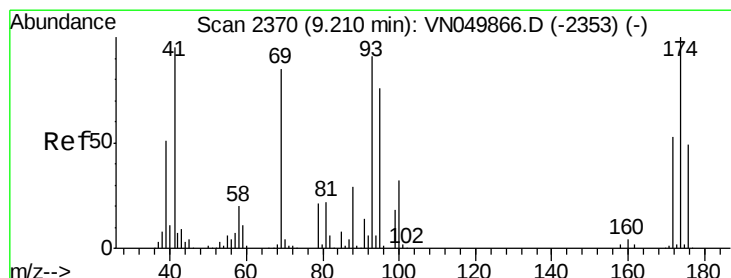
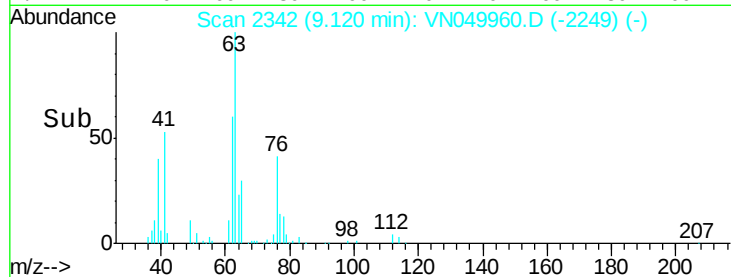
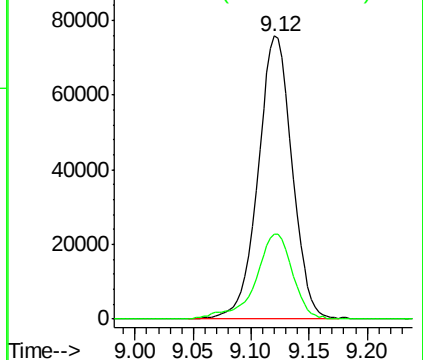
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.87 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

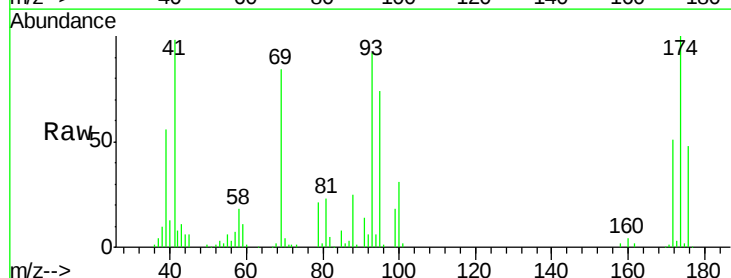
Tgt Ion: 93 Resp: 94409

Ion Ratio Lower Upper

93 100

95 82.2 67.9 101.9

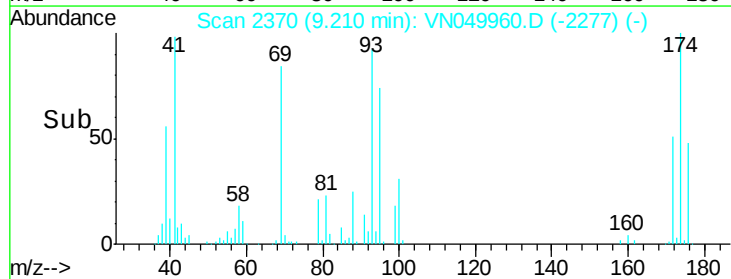
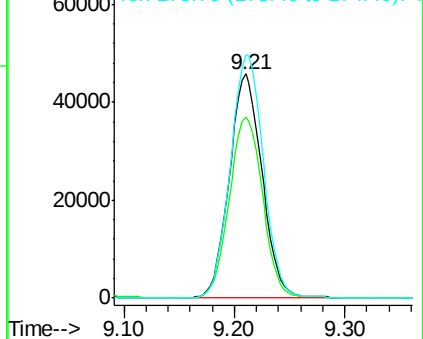
174 109.5 89.4 134.0

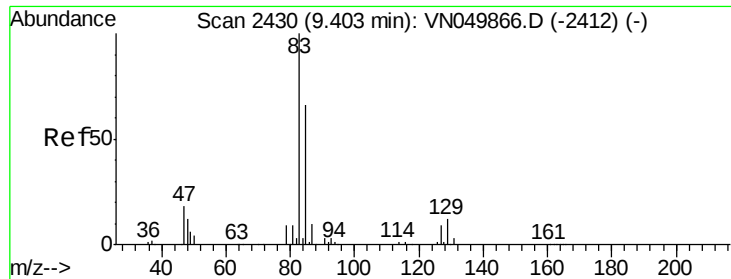


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.43 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

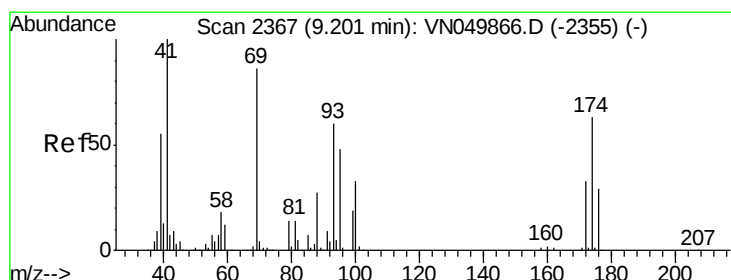
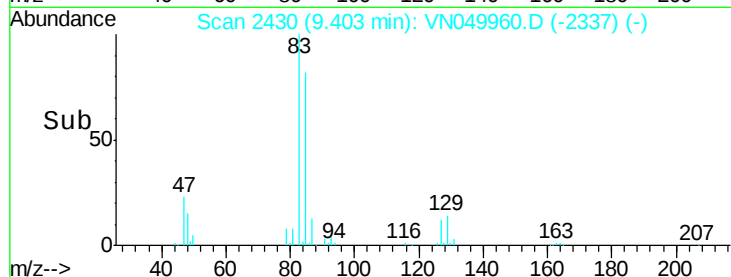
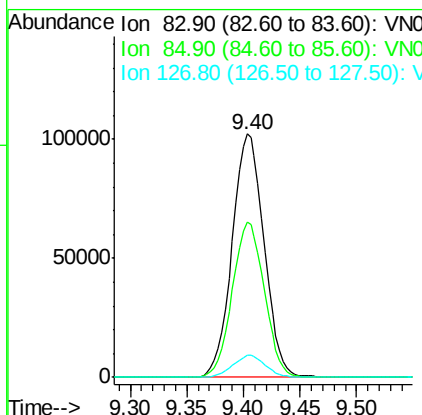
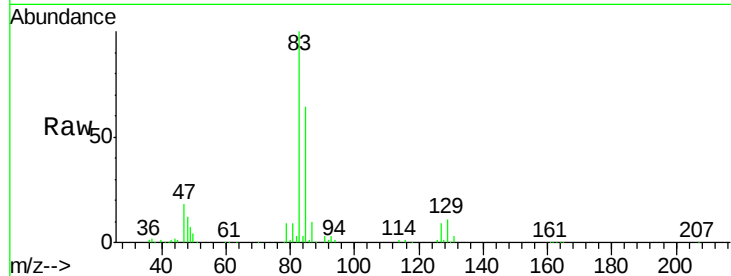
ClientSampleId :

VN0720WBSD01

Tot Ion:	83	Resp:	200740
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.5	75.7
127	9.1	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.79 ug/l

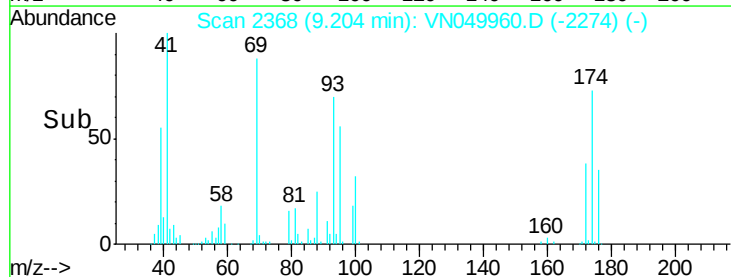
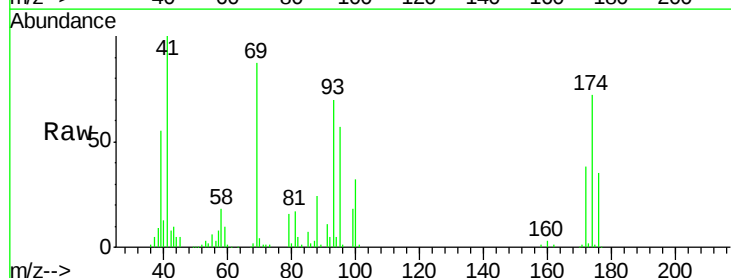
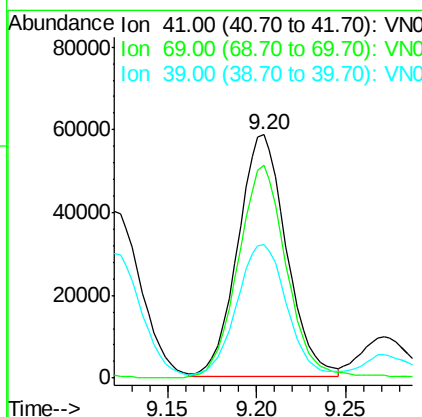
RT: 9.20 min Scan# 2368

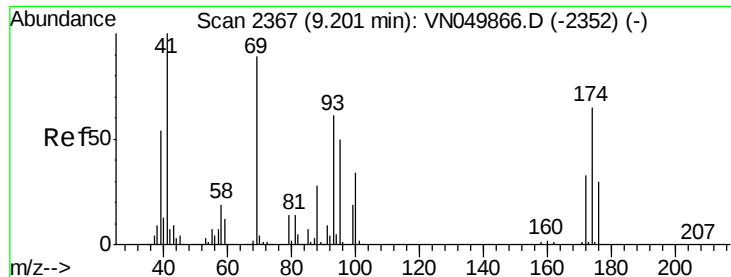
Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion:	41	Resp:	110992
Ion Ratio	Lower	Upper	
41	100		
69	87.4	71.5	107.3
39	56.9	44.7	67.1





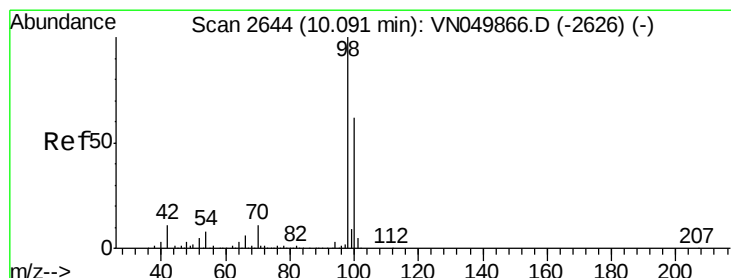
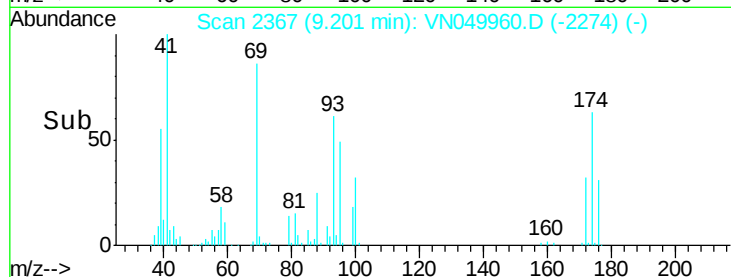
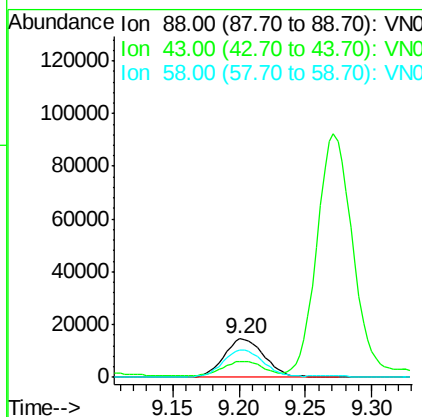
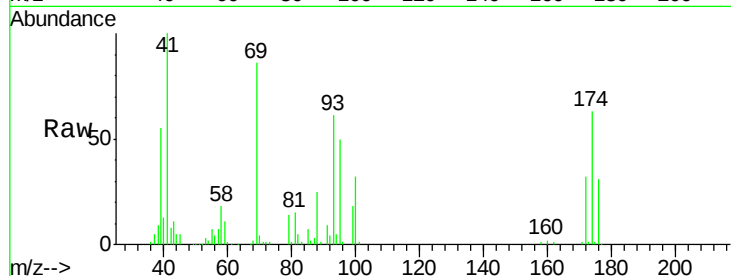
#49
1,4-Dioxane
Concen: 389.96 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	88	Resp	31023
Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.1	37.7
58	71.6	52.5	78.7

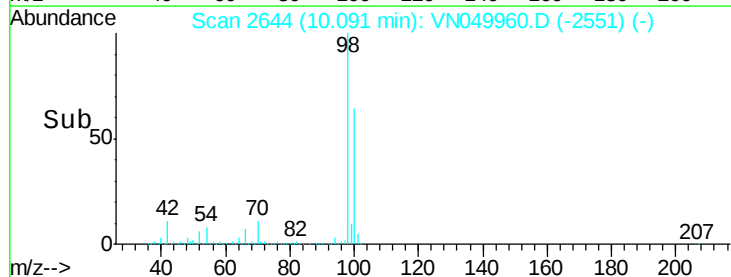
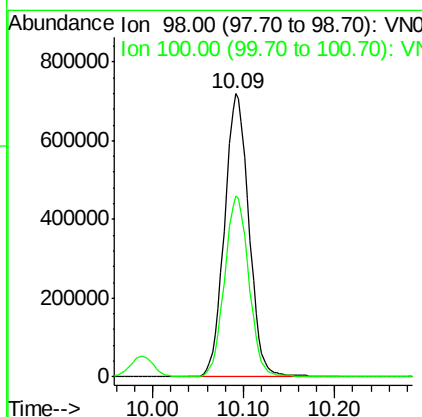
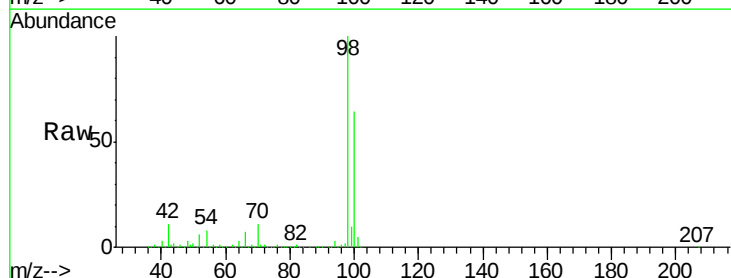
Manual Integrations
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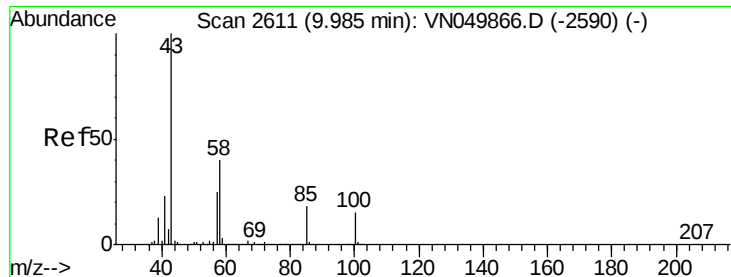
MMDadoda
7/23/2018 2:04:06 PM



#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	98	Resp	1339489
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





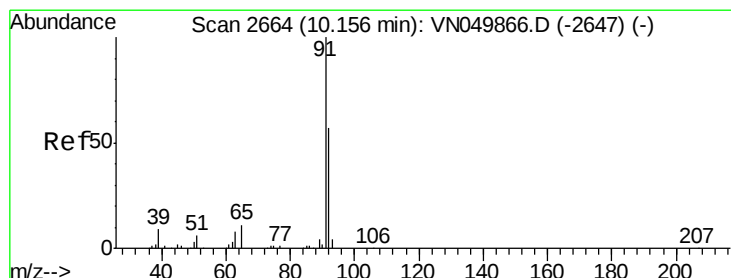
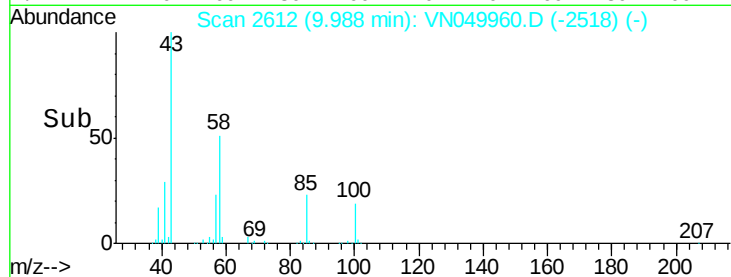
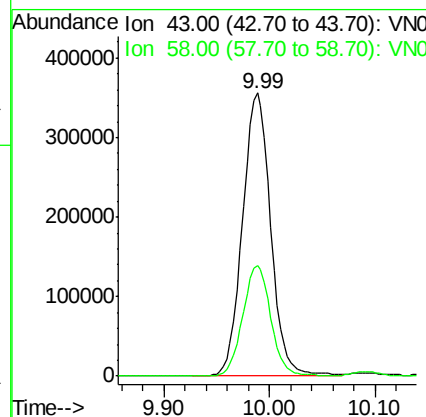
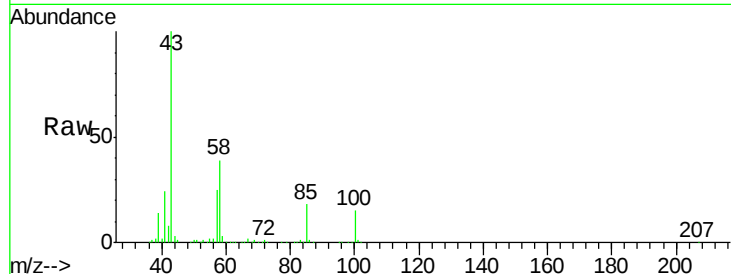
#51
 4-Methyl-2-Pentanone
 Concen: 105.22 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0720WBSD01

Tot Ion: 43 Resp: 657546
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.8 47.8

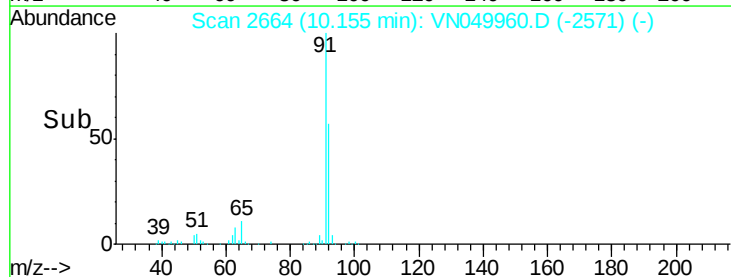
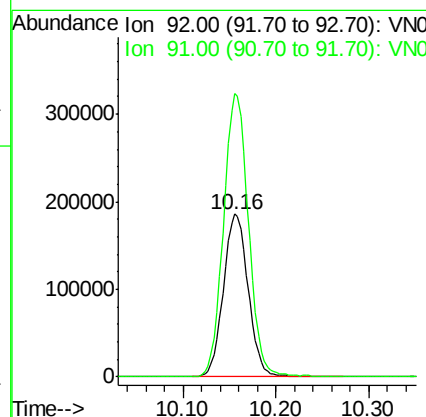
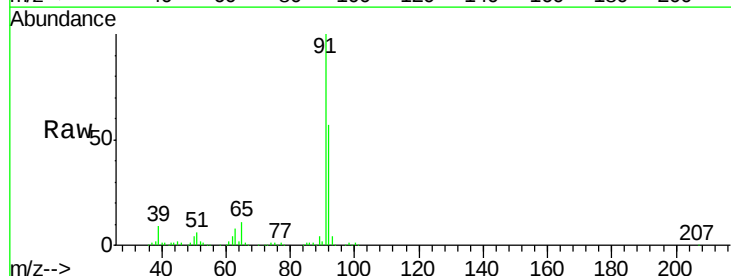
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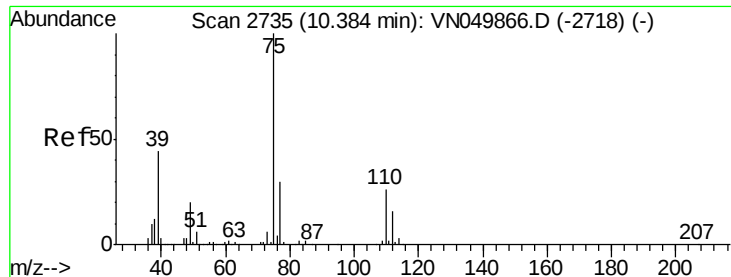
MMDadoda
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#52
 Toluene
 Concen: 20.39 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion: 92 Resp: 345514
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.1 210.1





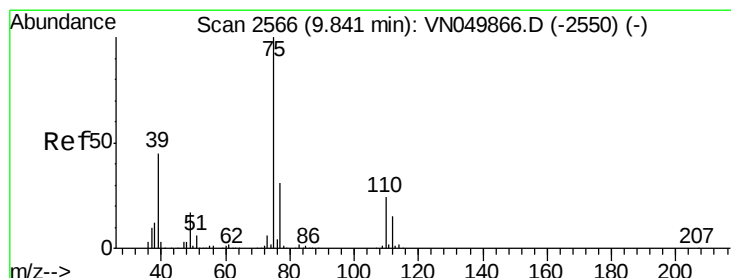
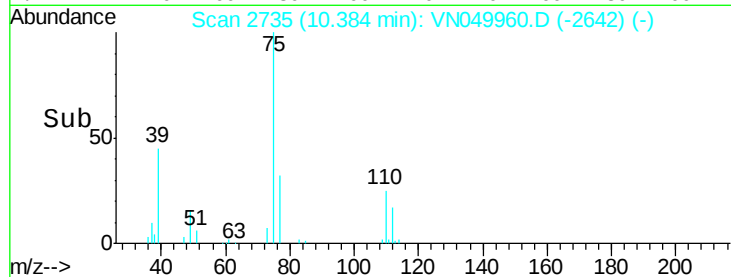
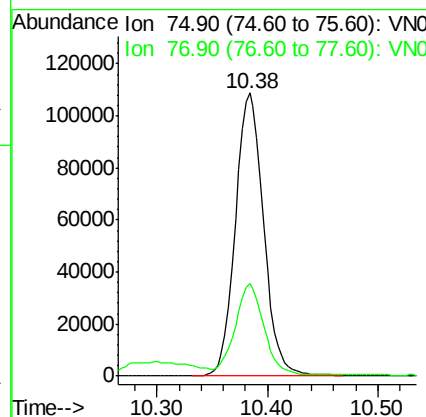
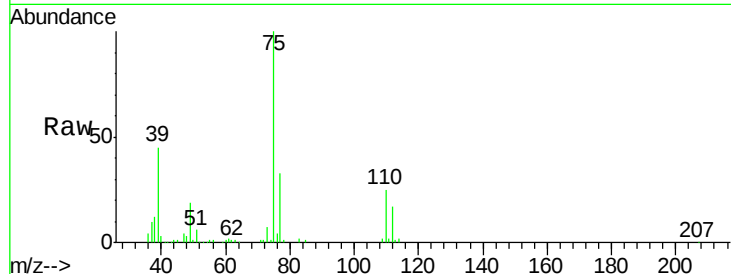
#53
t-1,3-Dichloropropene
Concen: 19.91 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8

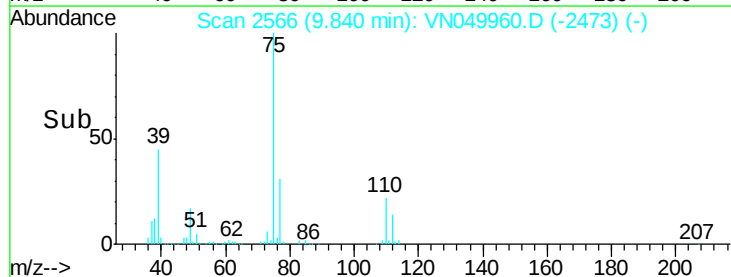
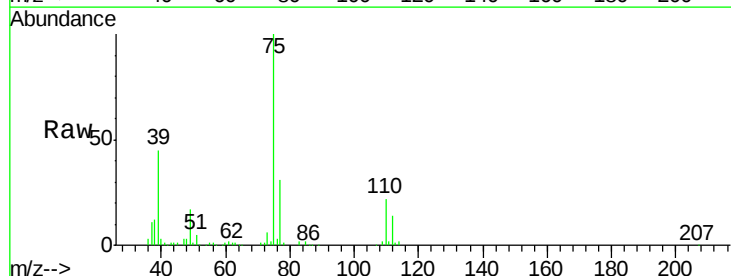
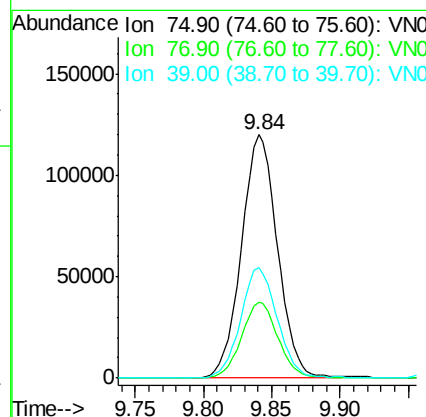
Manual Integrations
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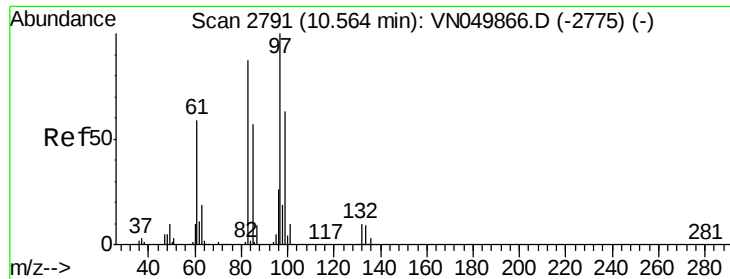
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.47 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
39	45.2	35.5	53.3





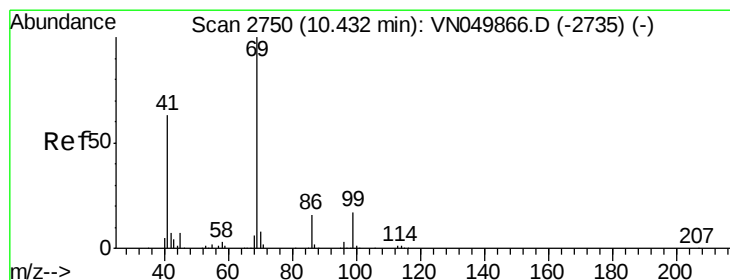
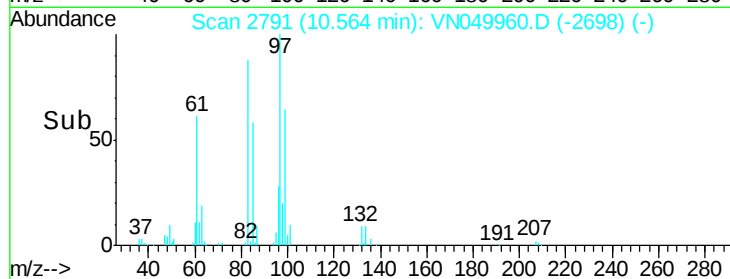
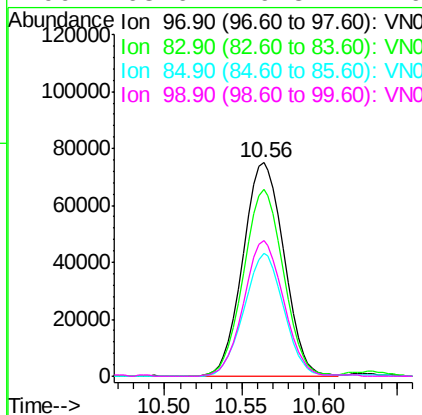
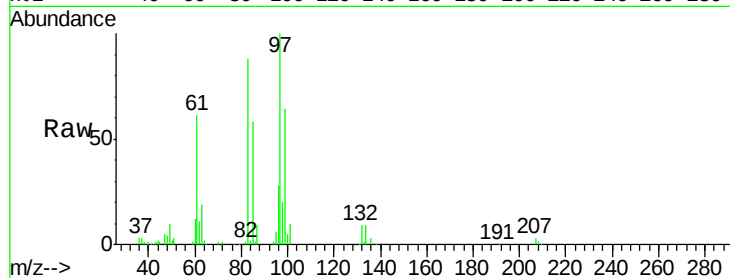
#55
 1,1,2-Trichloroethane
 Concen: 19.89 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion:	97	Resp:	139197
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.0	103.6
85	57.8	44.9	67.3
99	63.6	49.8	74.6

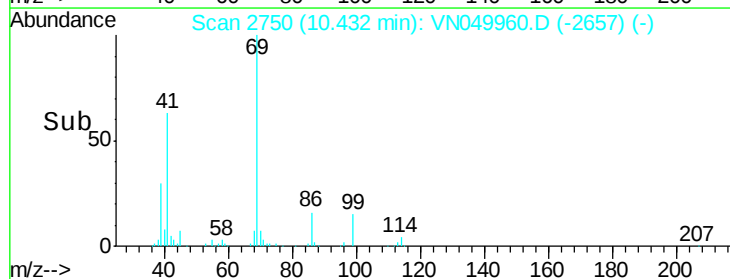
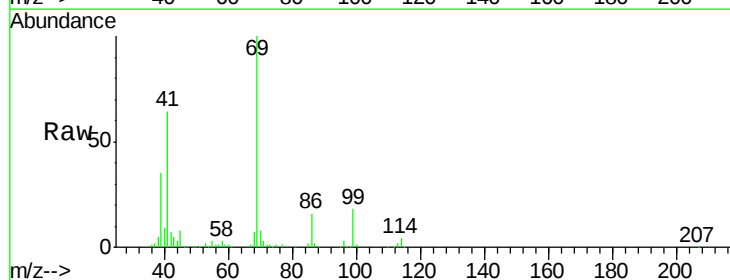
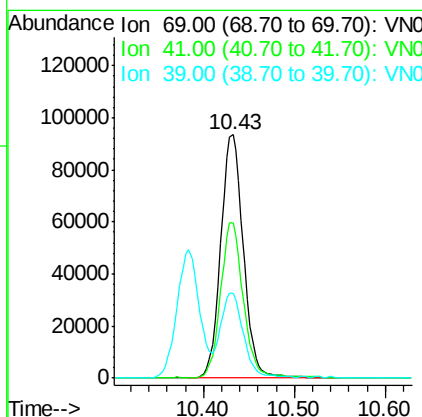
Manual Integrations
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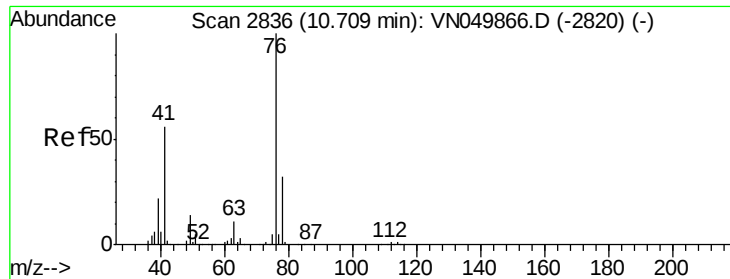
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.65 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion:	69	Resp:	162005
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.6	77.4
39	33.9	25.8	38.8





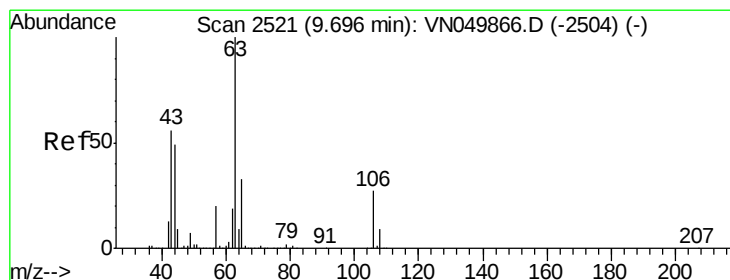
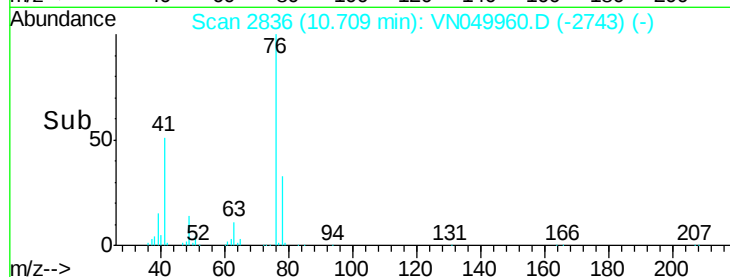
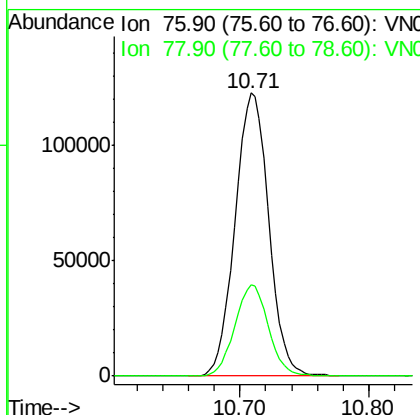
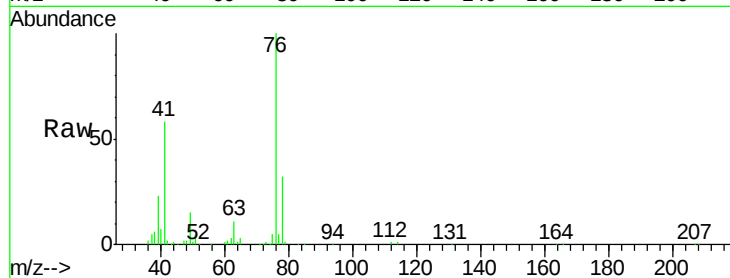
#57
 1,3-Dichloropropane
 Concen: 20.26 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

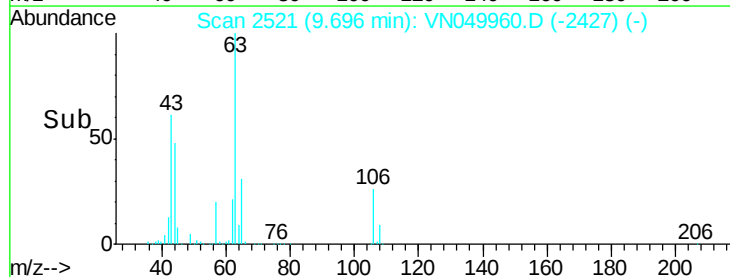
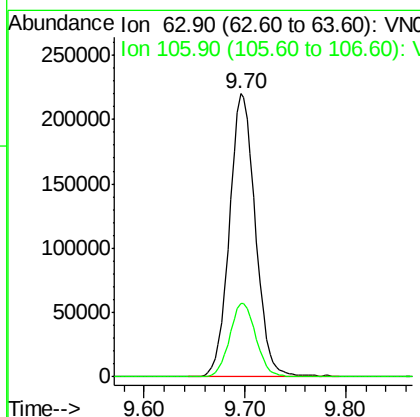
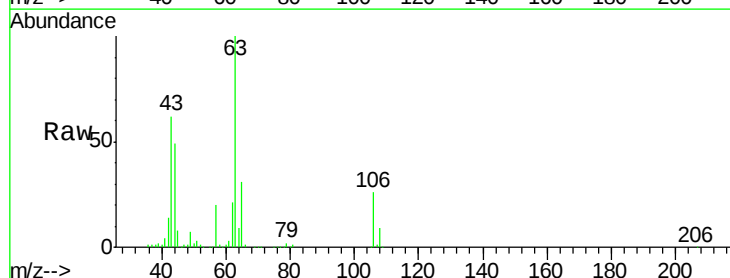
Manual Integrations
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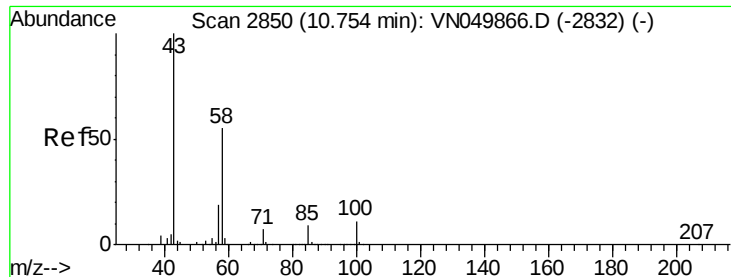
MMDadoda
 7/23/2018 2:04:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.88 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.8	32.8





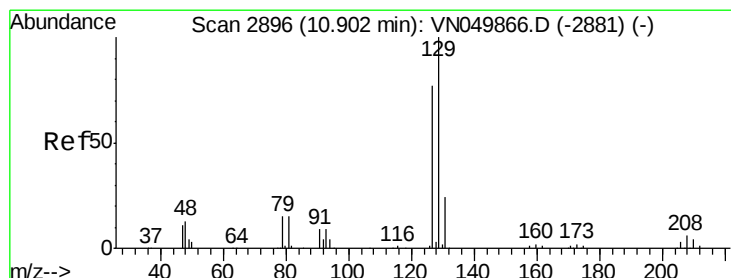
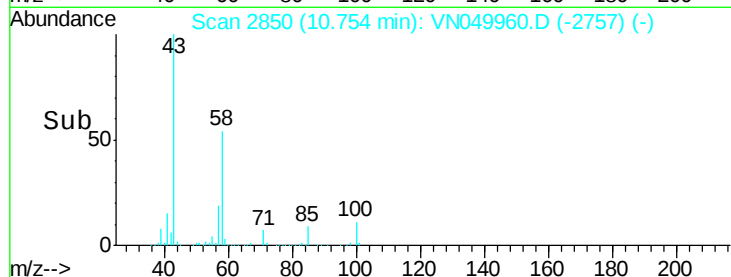
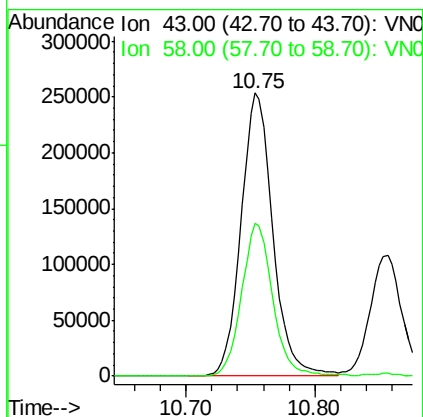
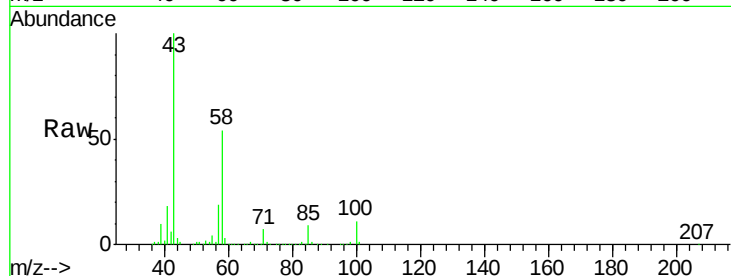
#59
2-Hexanone
Concen: 103.16 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	27.8	83.4

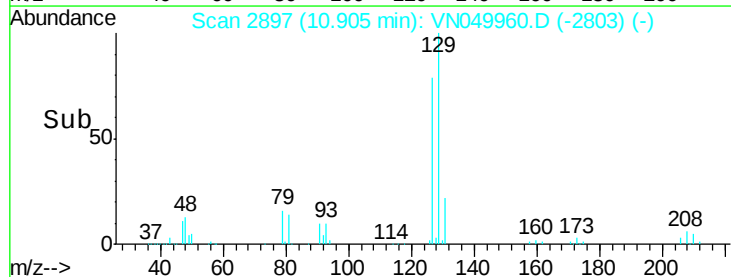
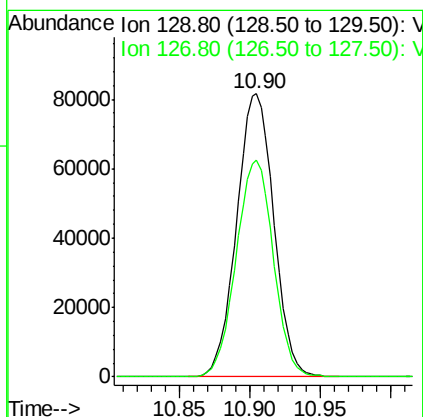
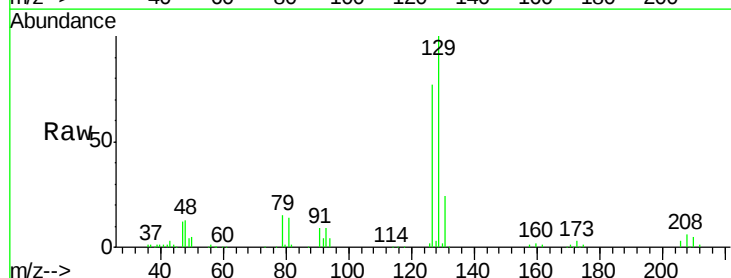
Manual Integrations
APPROVED

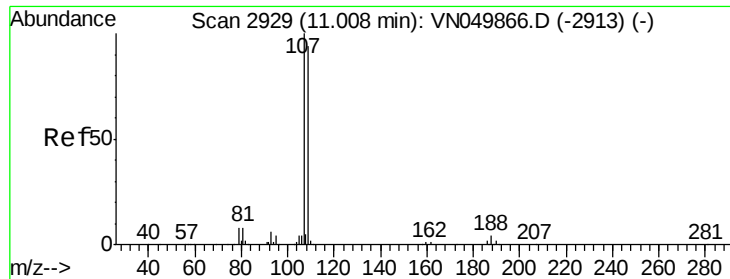
MMDadoda
7/23/2018 2:04:06 PM



#60
Dibromochloromethane
Concen: 19.64 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.3	114.9





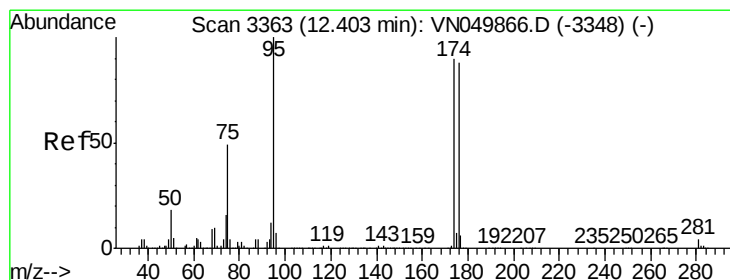
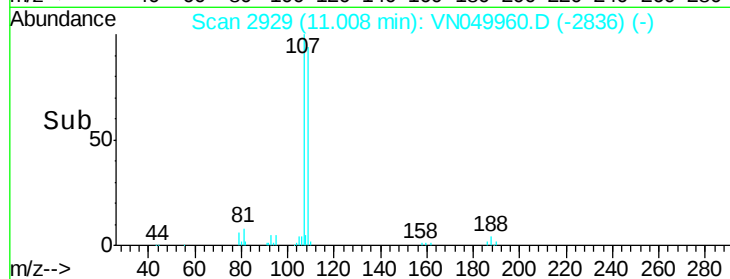
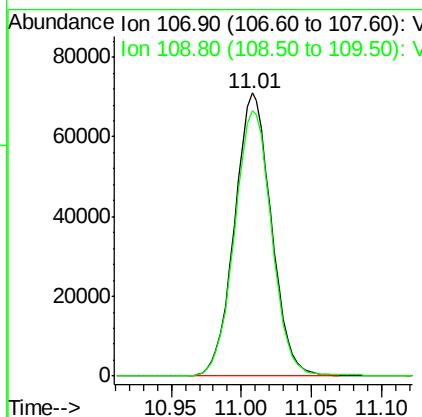
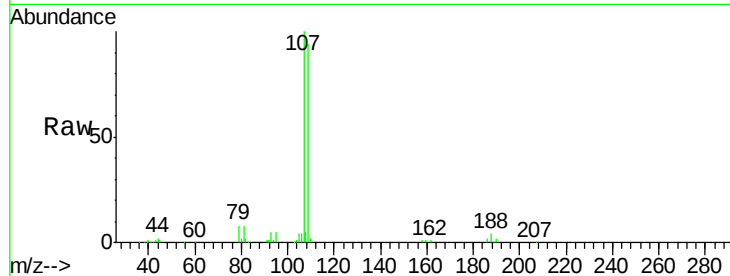
#61
 1,2-Dibromoethane
 Concen: 19.77 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	129316		
109	95.1	75.0	112.6	

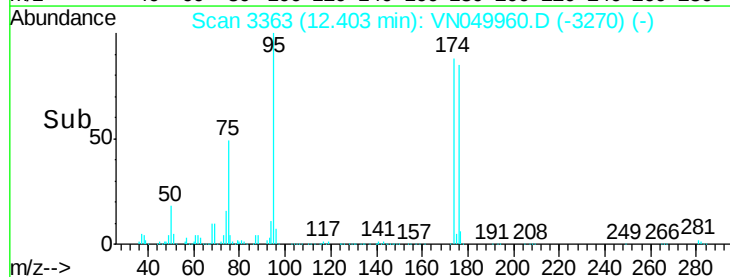
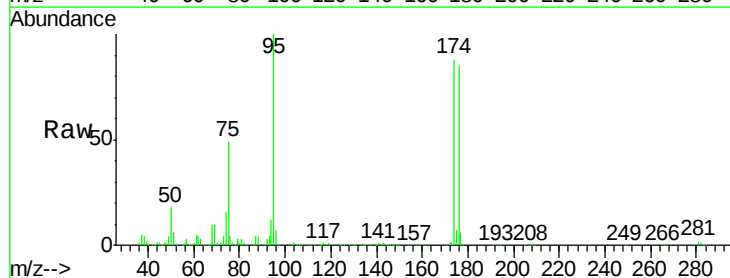
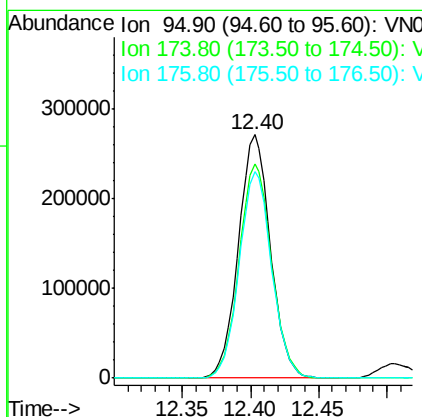
Manual Integrations
 APPROVED

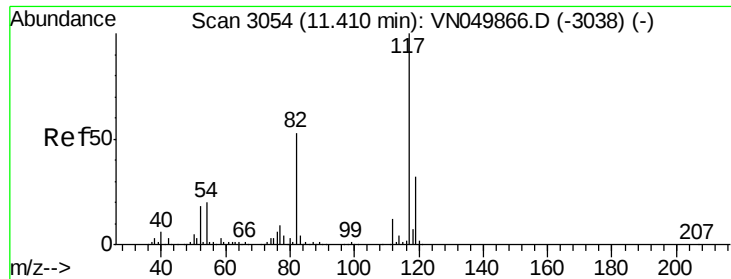
MMDadoda
 7/23/2018 2:04:06 PM



#62
 4-Bromofluorobenzene
 Concen: 50.00 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	441455		
174	89.4	0.0	179.6	
176	85.9	0.0	174.0	





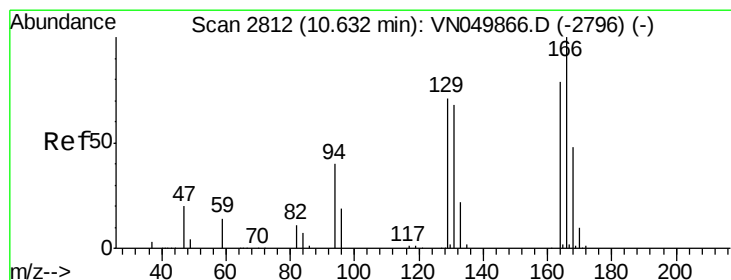
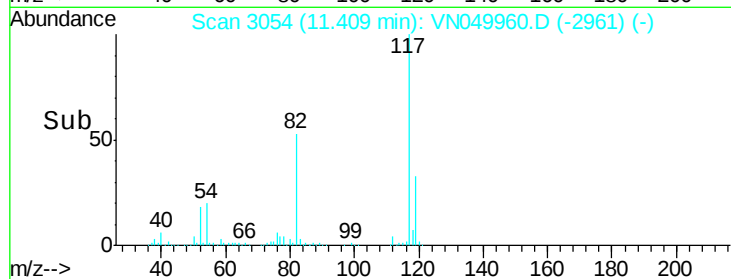
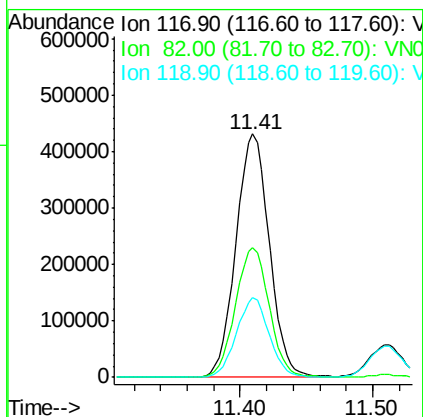
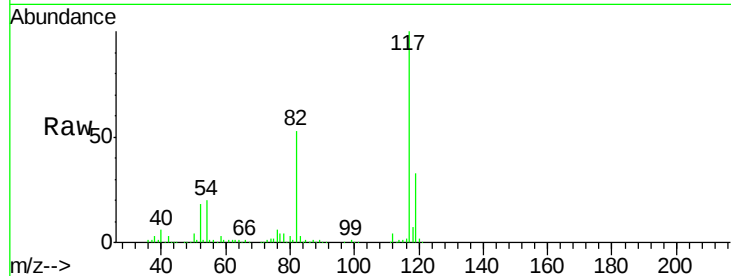
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.9	62.9
119	32.7	25.4	38.2

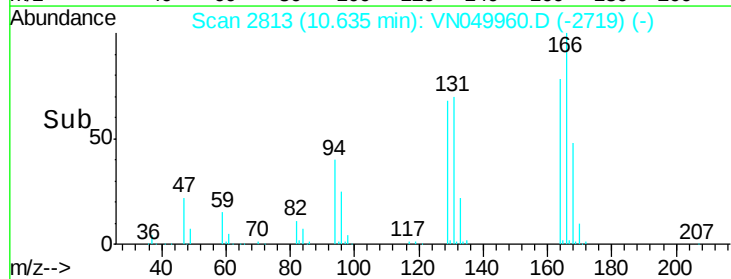
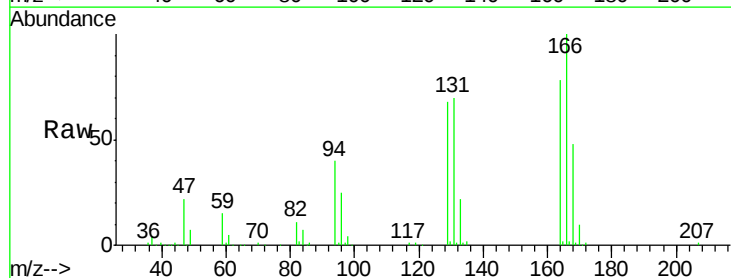
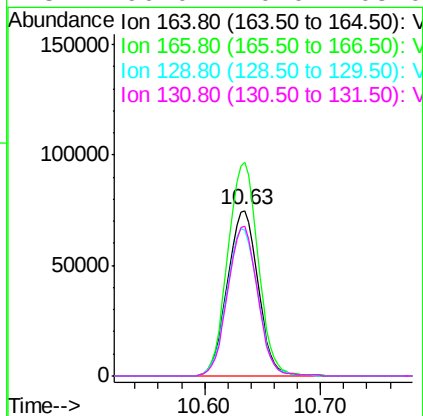
Manual Integrations
APPROVED

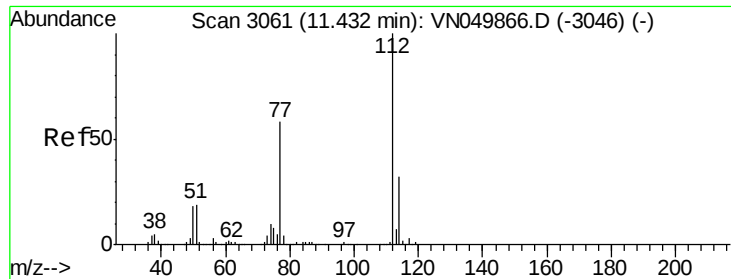
MMDadoda
7/23/2018 2:04:06 PM



#64
Tetrachloroethene
Concen: 20.08 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.8	152.6
129	87.8	72.8	109.2
131	90.0	70.0	105.0





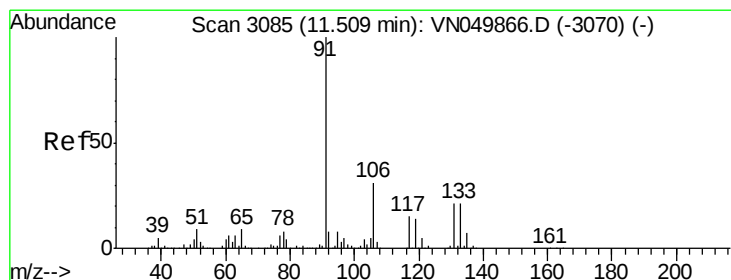
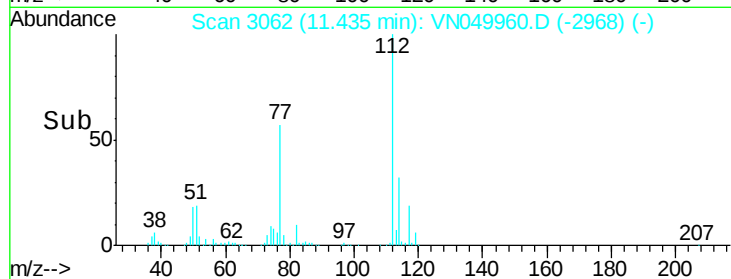
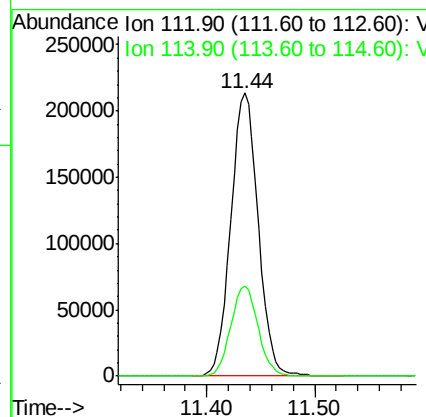
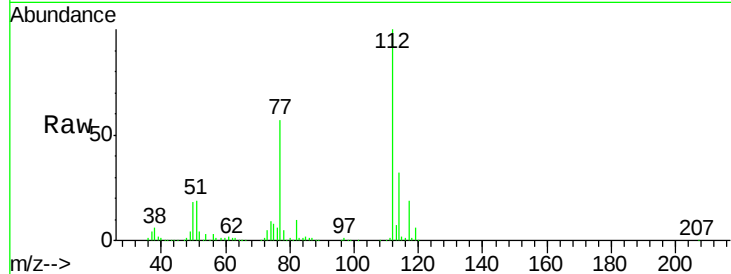
#65
Chlorobenzene
Concen: 19.81 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion:112 Resp: 376219
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

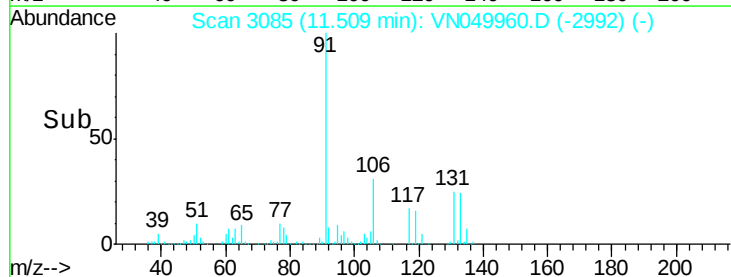
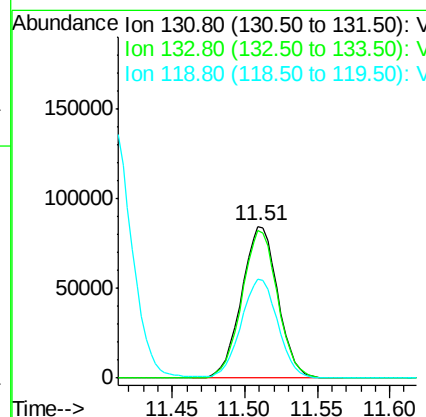
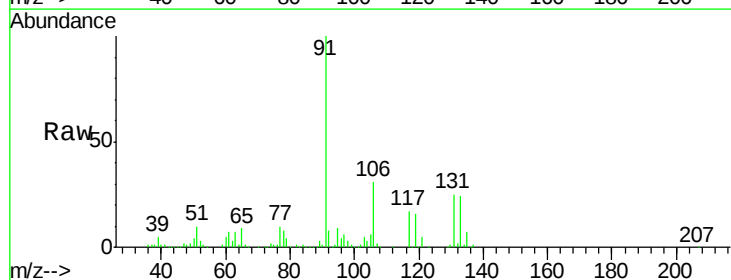
Manual Integrations
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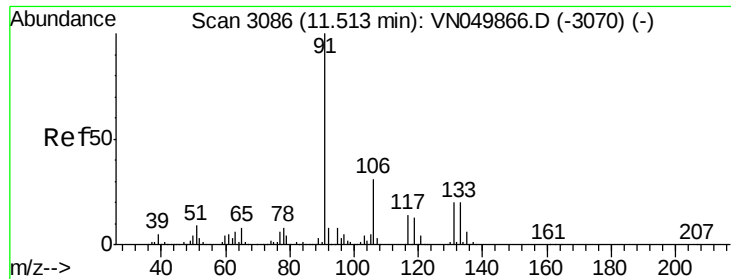
MMDadoda
7/23/2018 2:04:06 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.01 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion:131 Resp: 147194
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.1 33.1 99.3





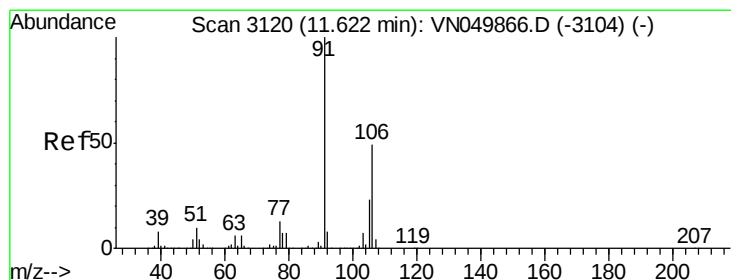
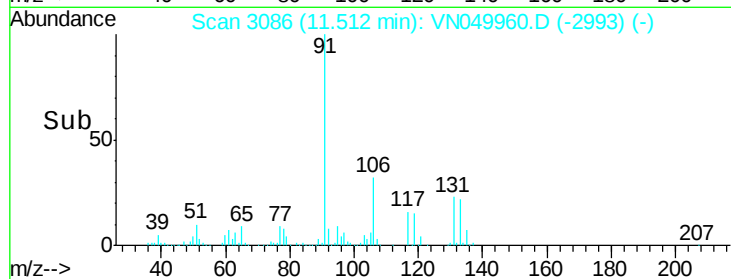
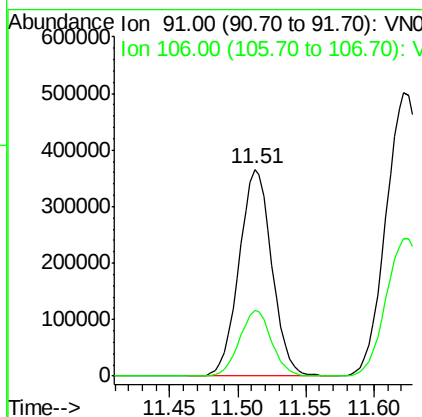
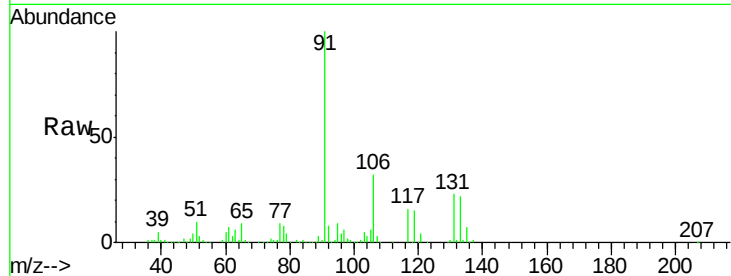
#67
Ethyl Benzene
Concen: 19.84 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0720WBSD01

Tot Ion: 91 Resp: 611267
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2

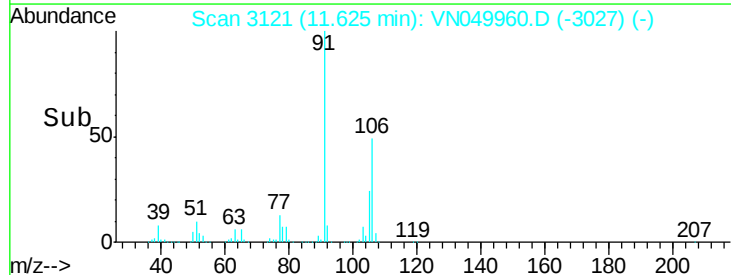
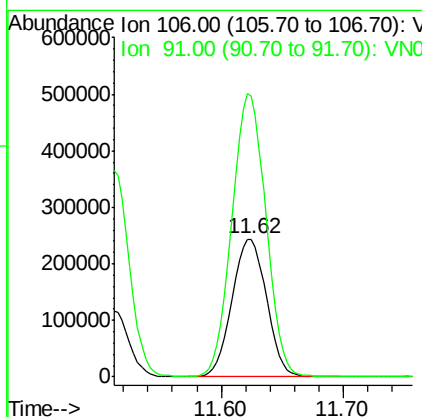
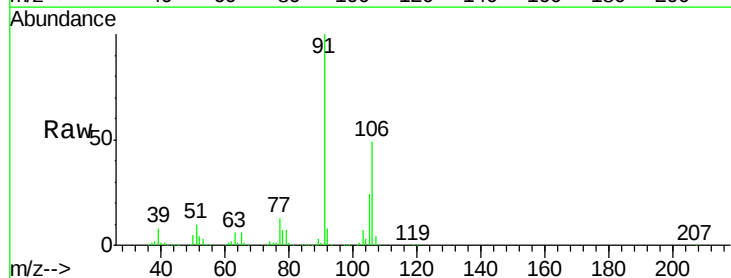
Manual Integrations
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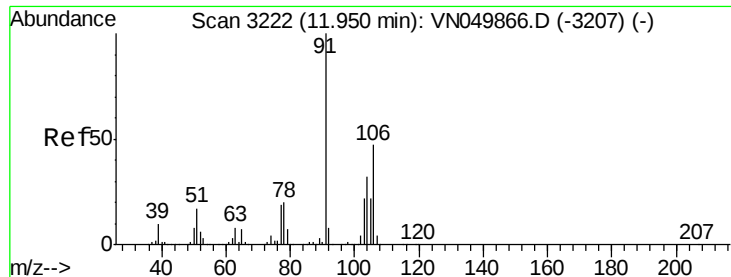
MMDadoda
7/23/2018 2:04:06 PM



#68
m/p-Xylenes
Concen: 40.94 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion: 106 Resp: 477491
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2





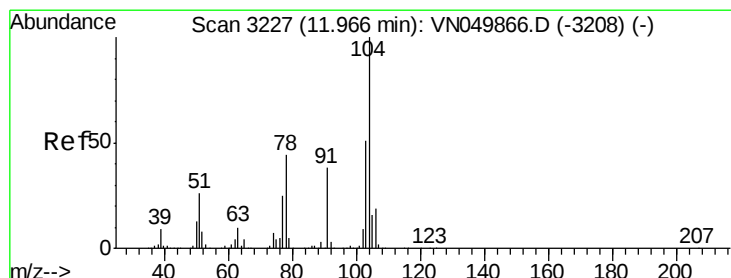
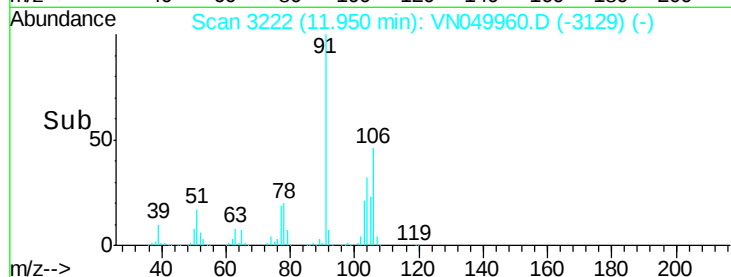
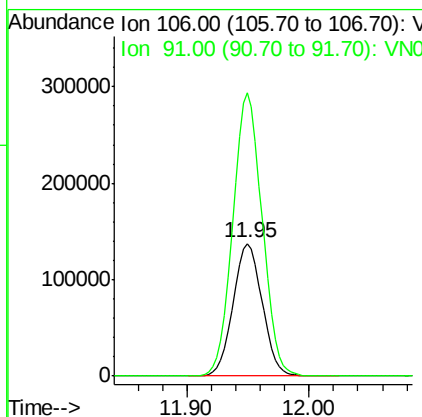
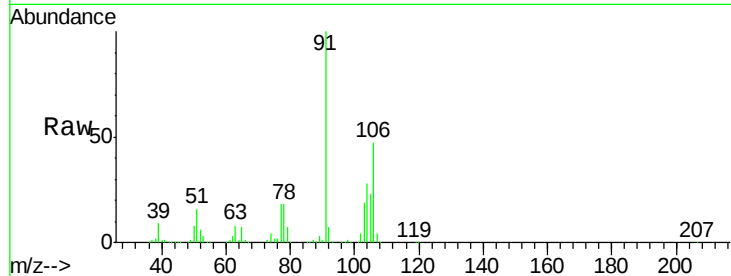
#69
o-Xylene
Concen: 20.36 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		228050		
91	214.4	108.7	326.1		

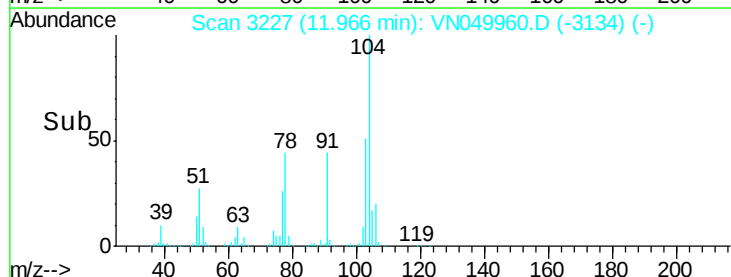
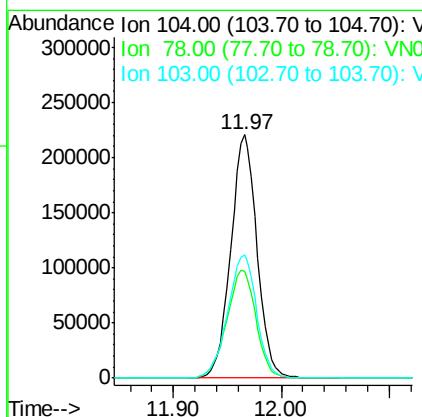
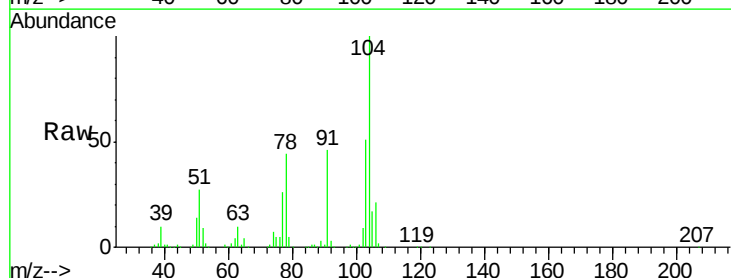
Manual Integrations
APPROVED

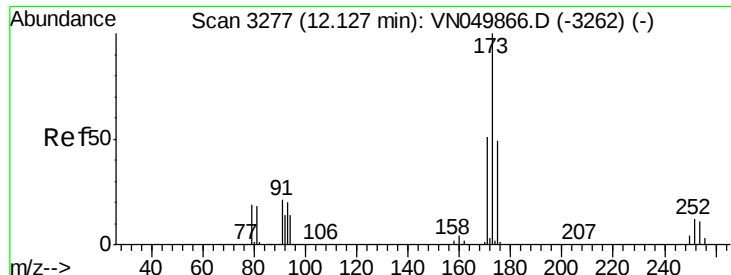
MMDadoda
7/23/2018 2:04:06 PM



#70
Styrene
Concen: 20.64 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		374480		
78	49.3	39.2	58.8		
103	56.0	44.6	67.0		





#71

Bromoform

Concen: 19.99 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

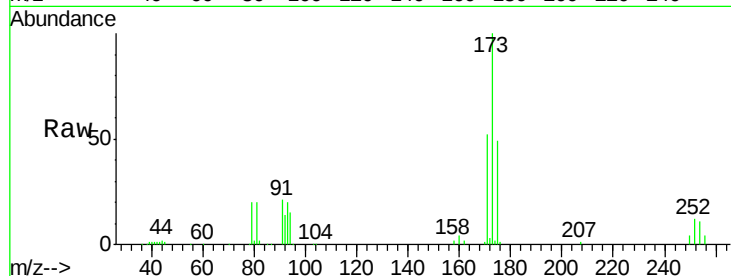
ClientSampleId :

VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations
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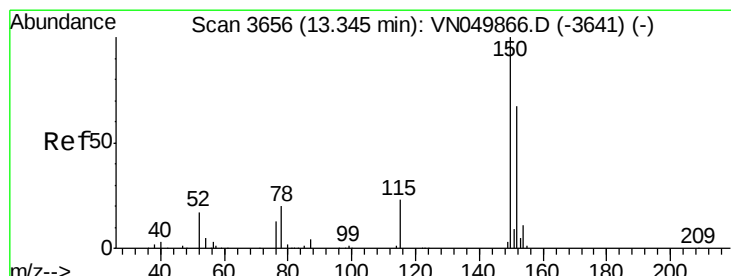
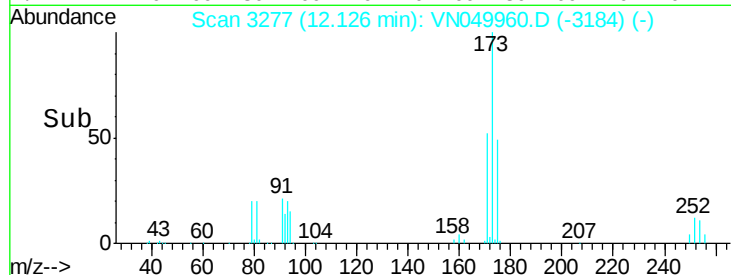
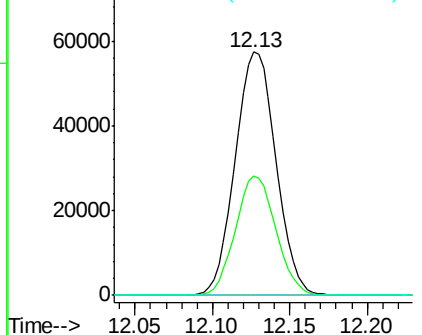


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

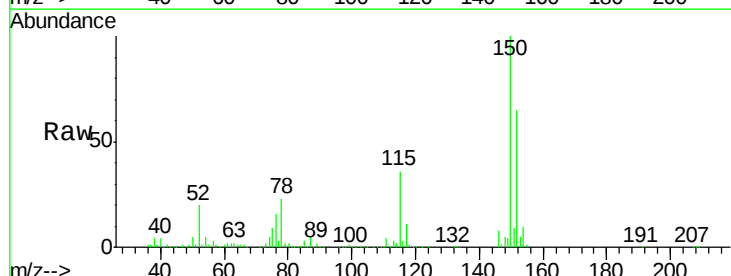
RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.1	84.2
150	162.2	0.0	347.6

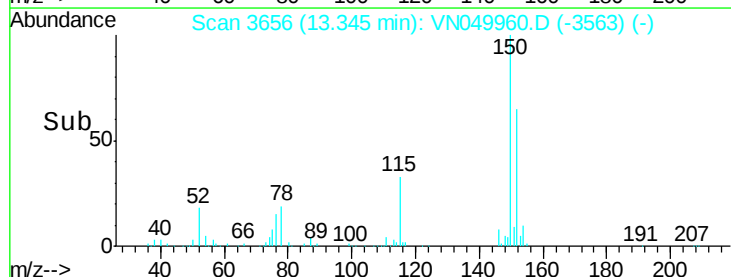
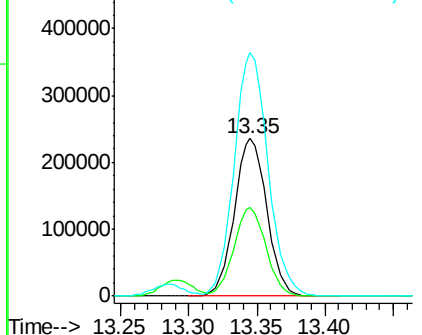


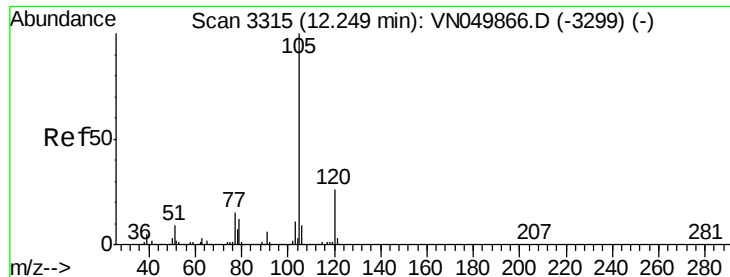
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.71 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 105 Resp: 607689

Ion Ratio Lower Upper

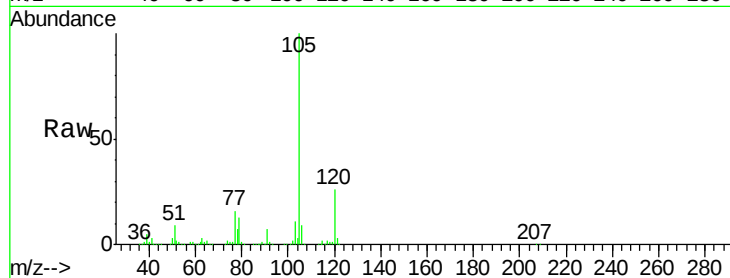
105 100

120 26.6 13.3 39.8

Manual Integrations
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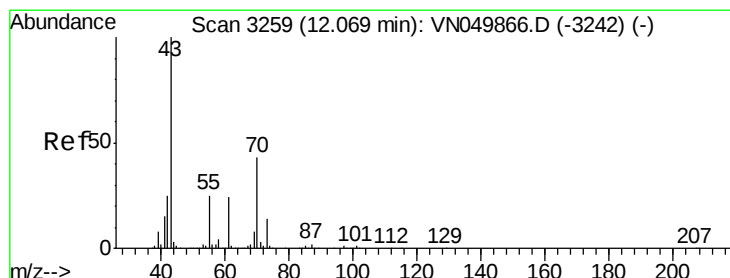
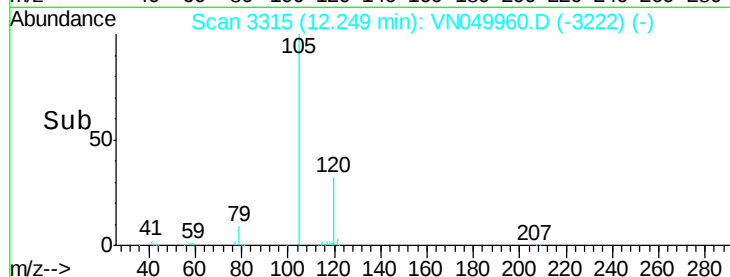
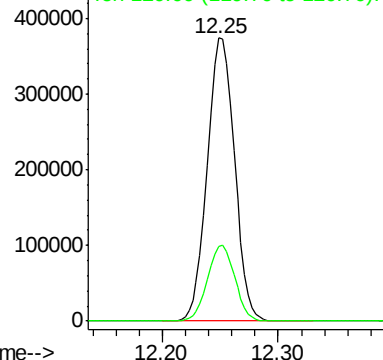
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.08 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion: 43 Resp: 179299

Ion Ratio Lower Upper

43 100

70 42.4 34.8 52.2

55 26.8 20.9 31.3

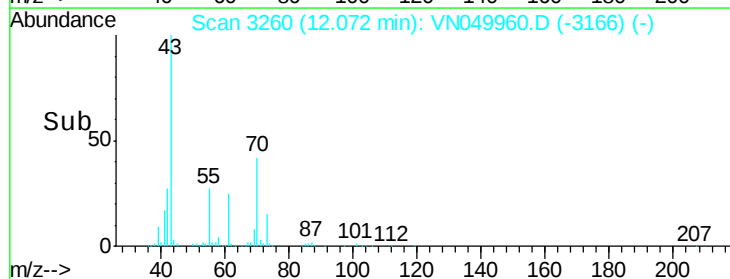
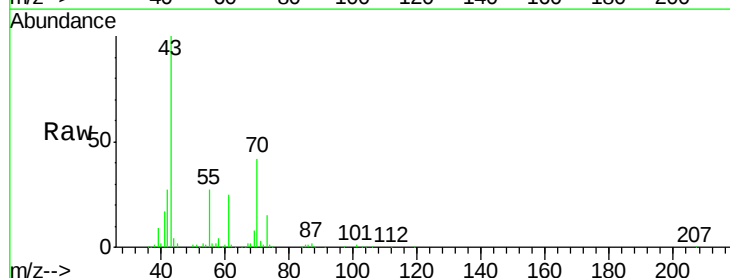
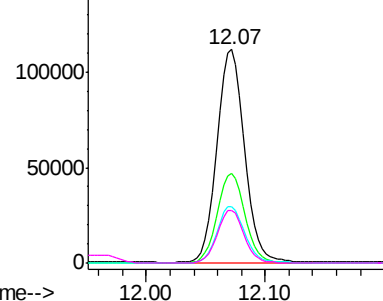
61 24.0 19.9 29.9

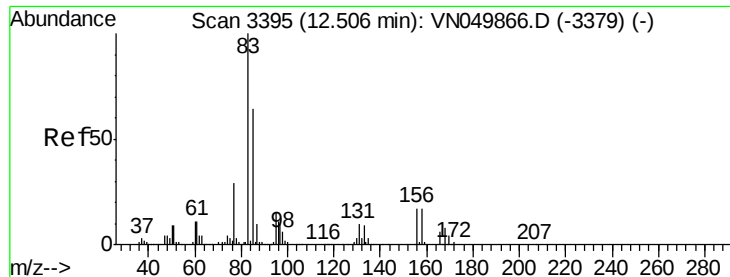
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.18 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0720WBSD01

Tot Ion: 83 Resp: 177430

Ion Ratio Lower Upper

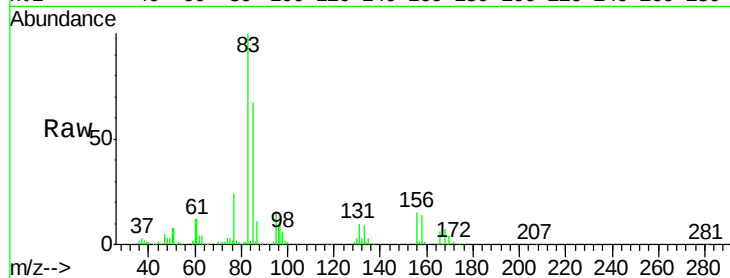
83 100

131 10.1 5.2 15.6

85 65.9 32.5 97.4

Manual Integrations
APPROVED

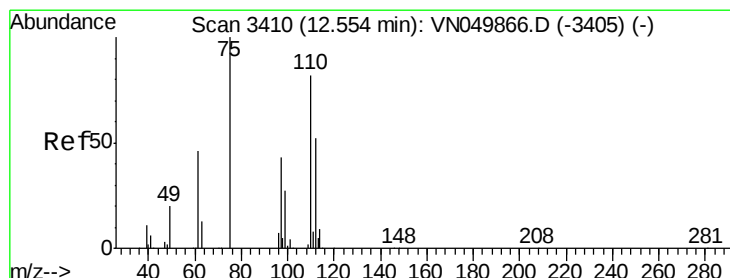
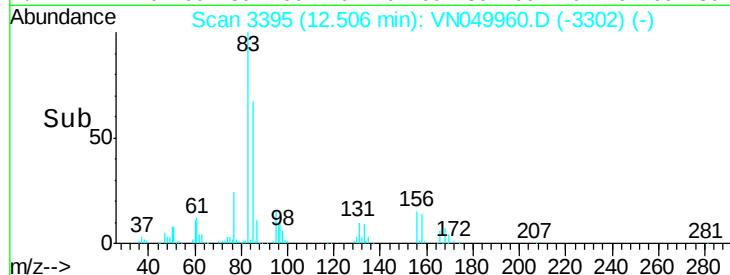
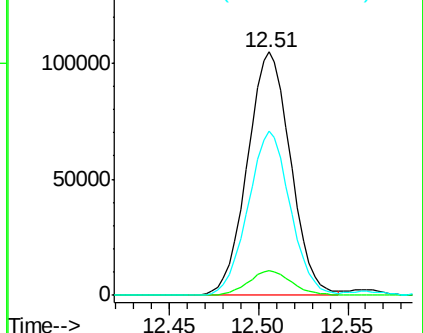
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN049960.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049960.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049960.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 19.52 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049960.D

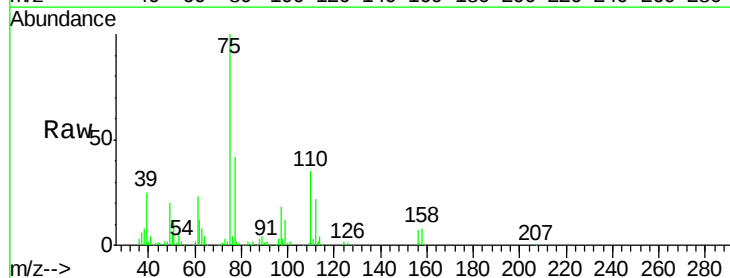
Acq: 20 Jul 2018 14:11

Tgt Ion: 75 Resp: 141433

Ion Ratio Lower Upper

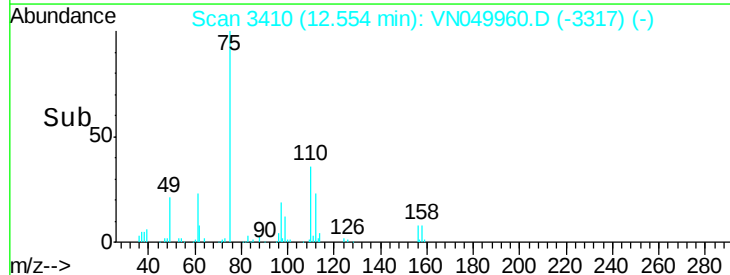
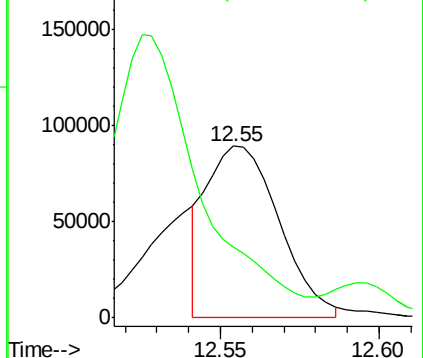
75 100

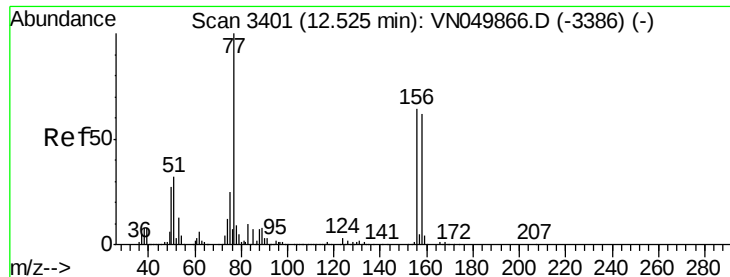
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049960.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049960.D (-3317) (-)





#77

Bromobenzene

Concen: 19.84 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

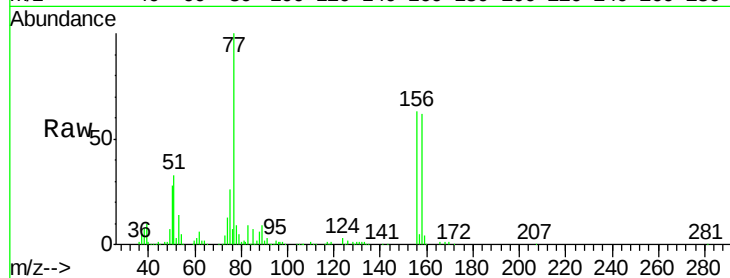
ClientSampleId :

VN0720WBSD01

Tot Ion:	156	Resp:	160767
Ion Ratio	Lower	Upper	
156	100		
77	185.9	90.2	270.6
158	98.7	49.1	147.3

Manual Integrations
APPROVED

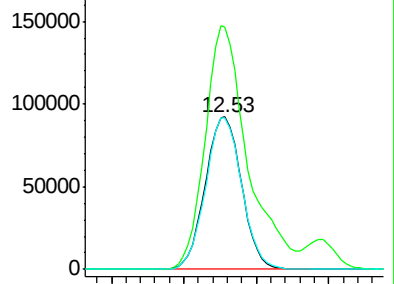
MMDadoda
7/23/2018 2:04:06 PM



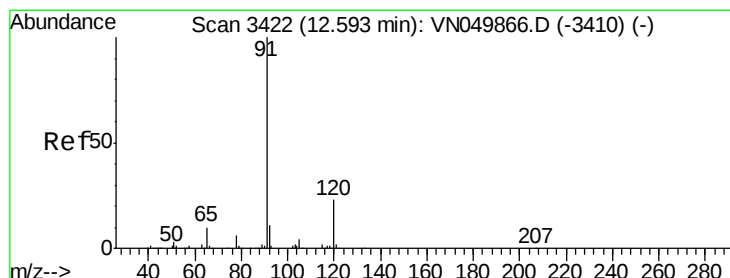
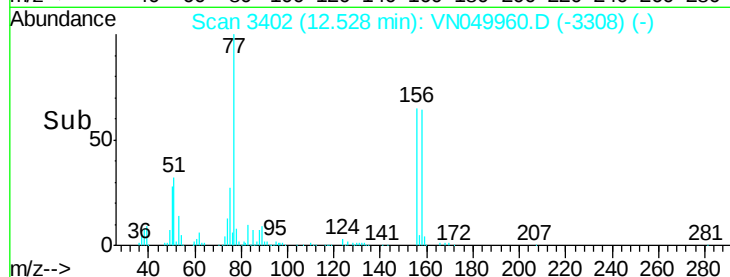
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.88 ug/l

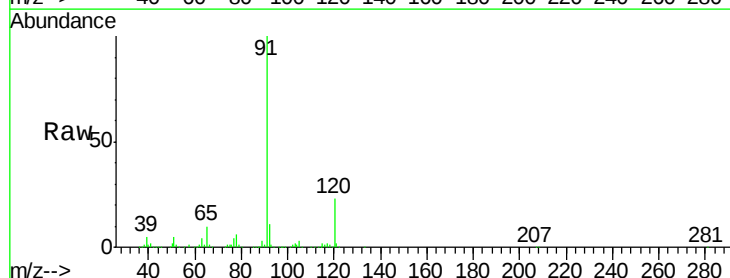
RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049960.D

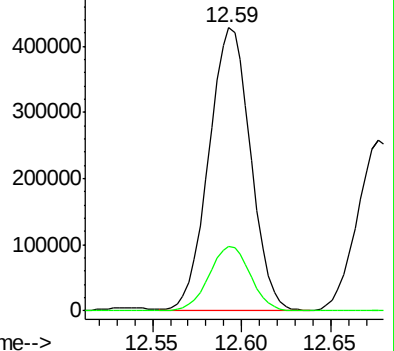
Acq: 20 Jul 2018 14:11

Tgt Ion:	91	Resp:	696584
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4

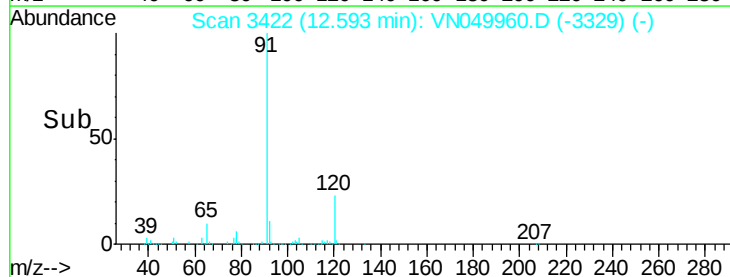


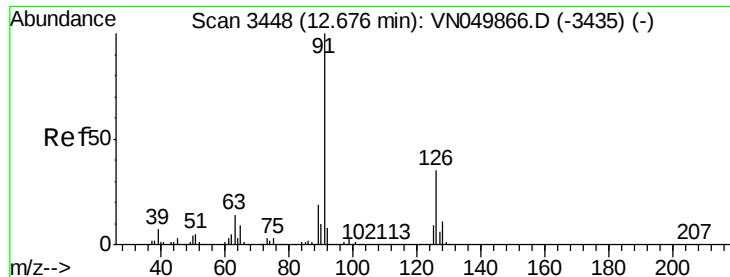
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 20.80 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion: 91 Resp: 426037

Ion Ratio Lower Upper

91 100

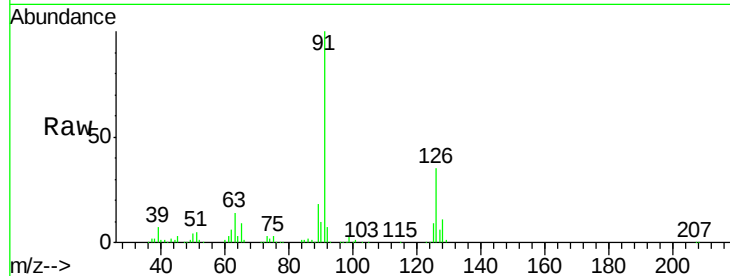
126 35.9 17.5 52.5

Manual Integrations

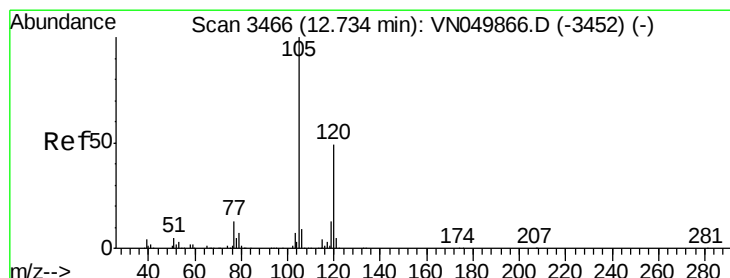
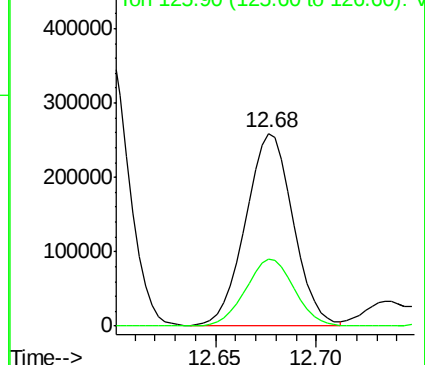
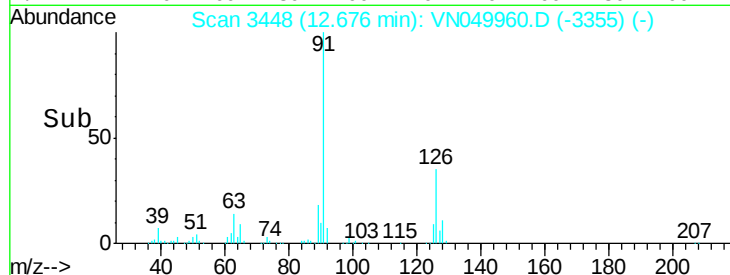
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Abundance Ion 91.00 (90.70 to 91.70): VN049960.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.31 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049960.D

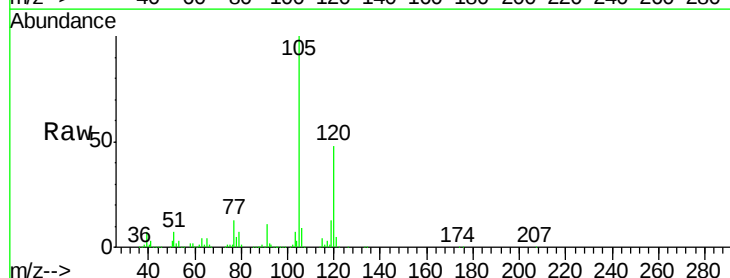
Acq: 20 Jul 2018 14:11

Tgt Ion: 105 Resp: 501304

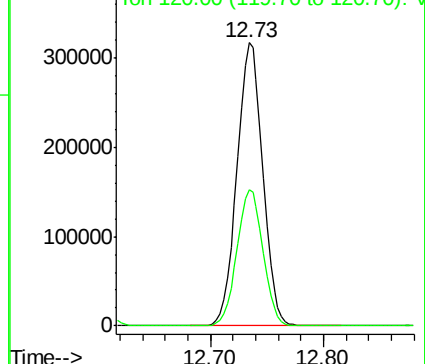
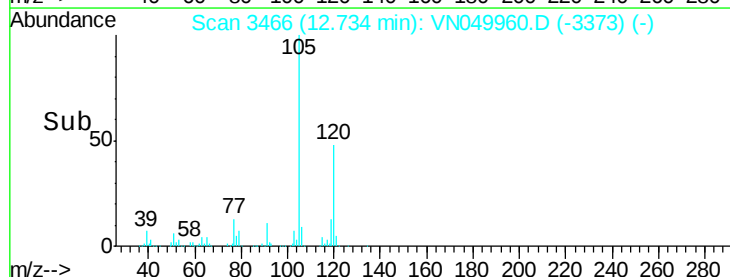
Ion Ratio Lower Upper

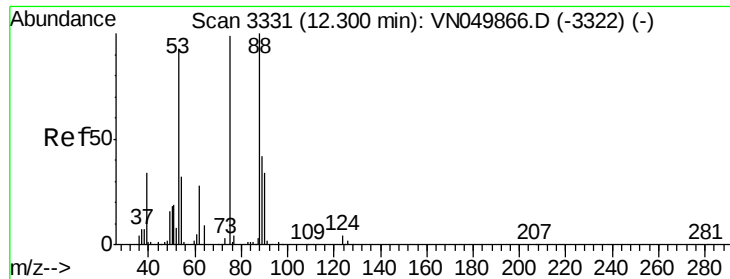
105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049960.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.28 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

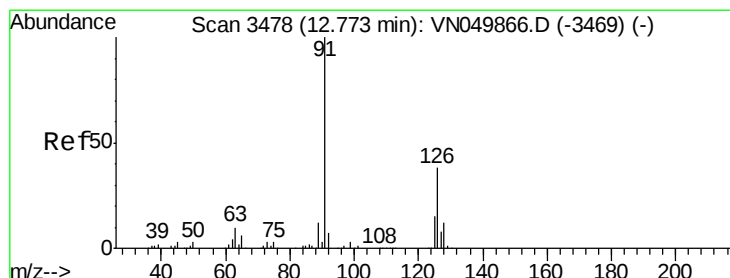
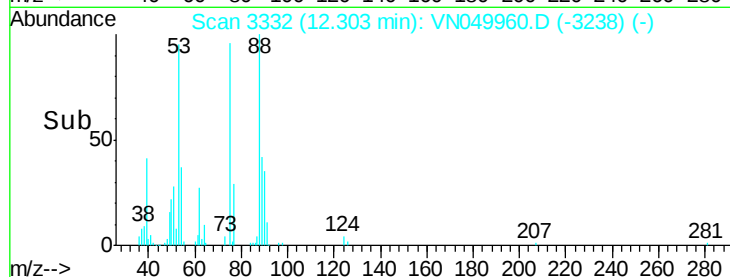
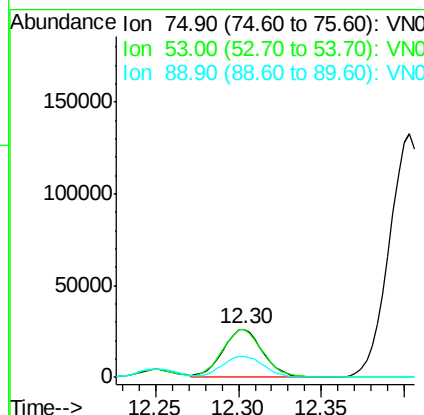
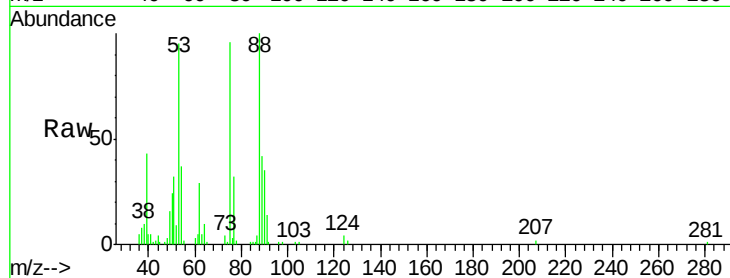
ClientSampled :

VN0720WBSD01

Tot Ion:	75	Resp:	44686
Ion	Ratio	Lower	Upper
75	100		
53	99.2	73.9	110.9
89	45.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.02 ug/l

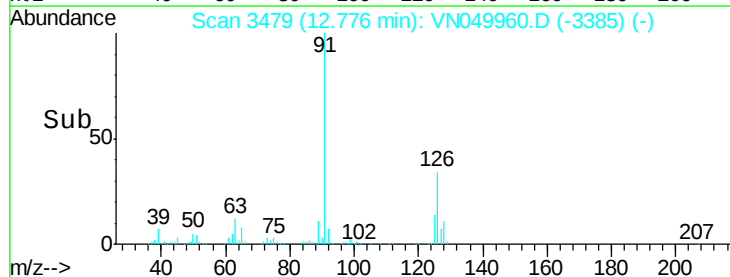
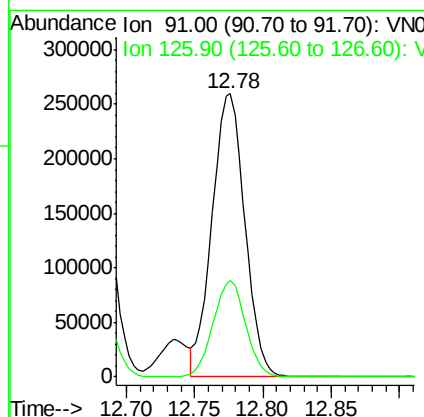
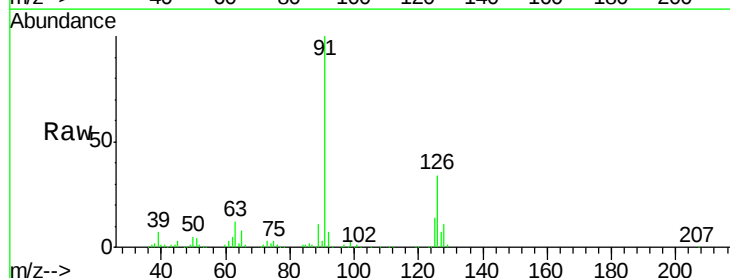
RT: 12.78 min Scan# 3479

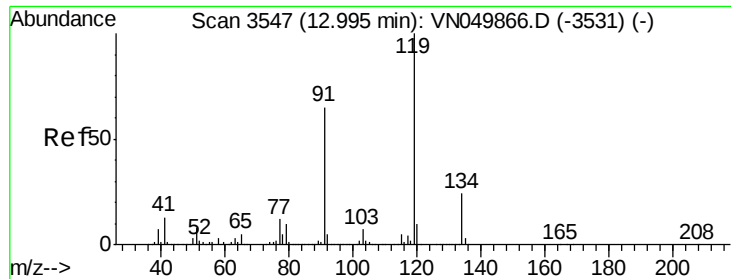
Delta R.T. 0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion:	91	Resp:	431841
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.2	51.6





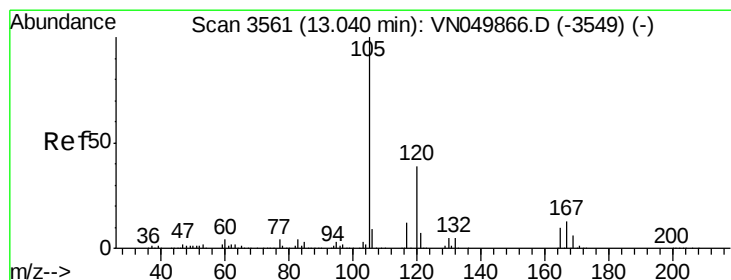
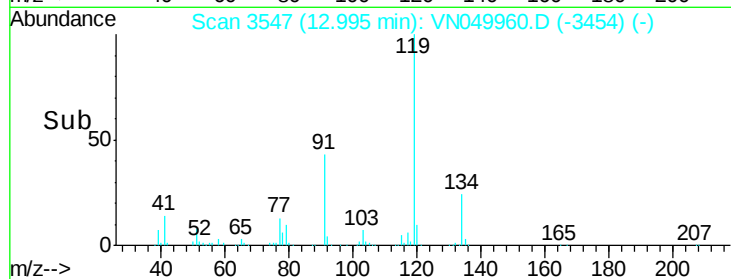
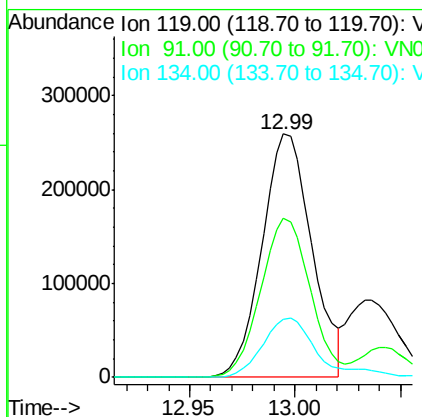
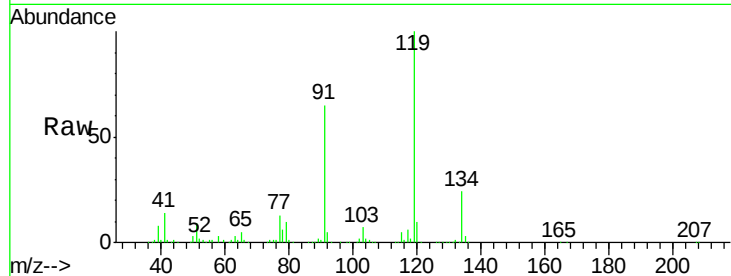
#83
 tert-Butylbenzene
 Concen: 20.62 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.0	96.2
134	27.2	12.8	38.4

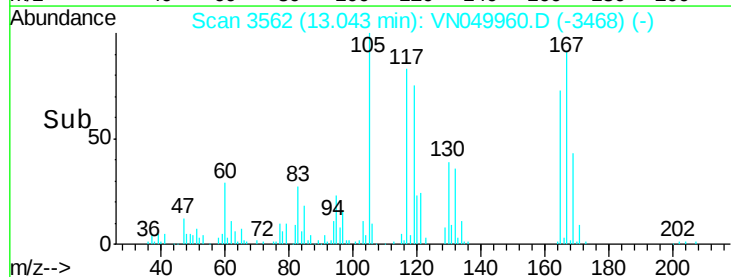
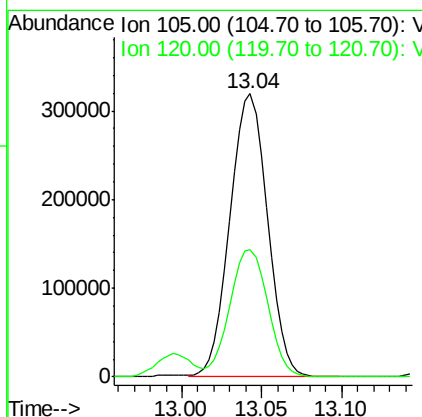
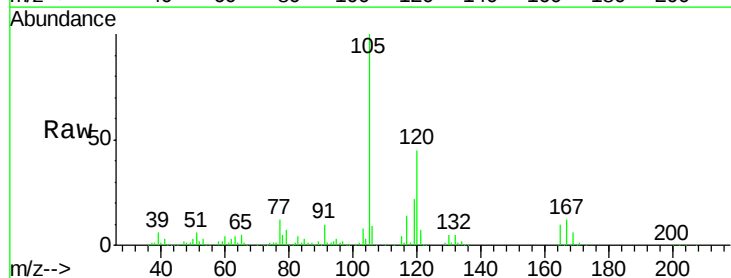
Manual Integrations
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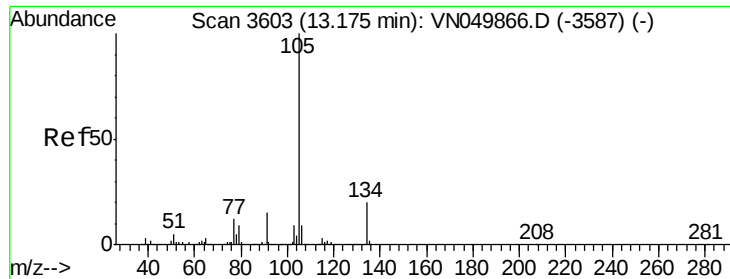
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.38 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.24 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBSD01

Tot Ion:105 Resp: 579813

Ion Ratio Lower Upper

105 100

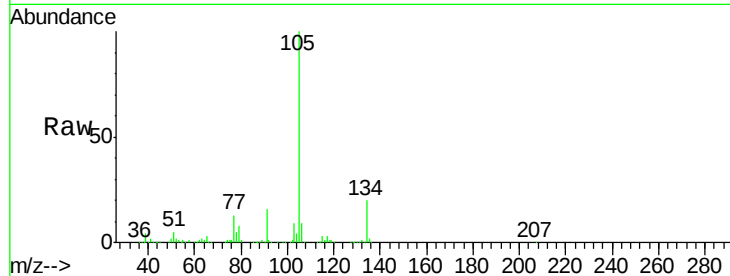
134 20.2 10.1 30.1

Manual Integrations

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7/23/2018 2:04:06 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

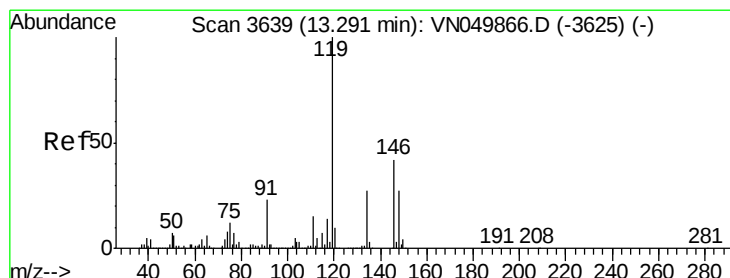
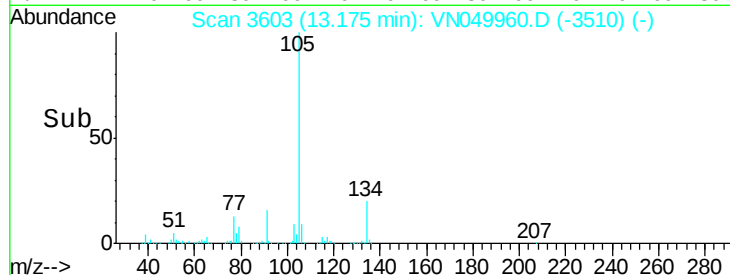
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.07 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

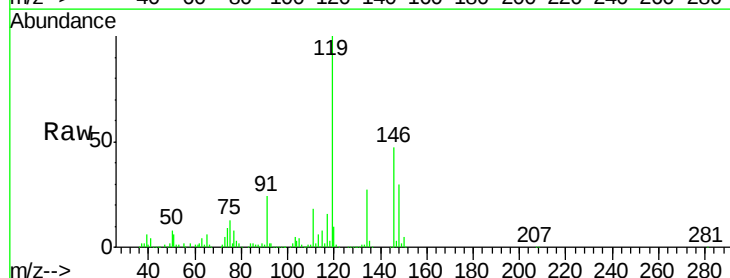
Tgt Ion:119 Resp: 490316

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

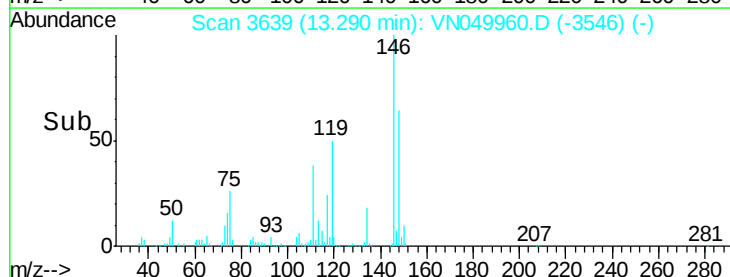
300000

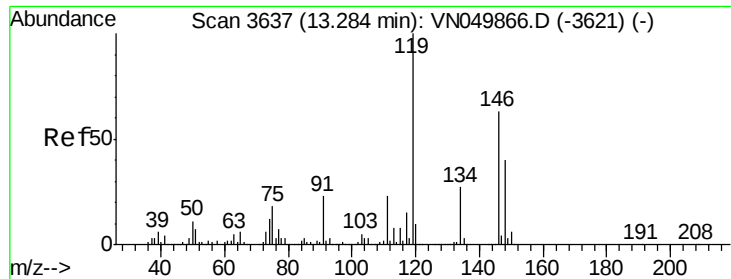
200000

100000

0

Time-->





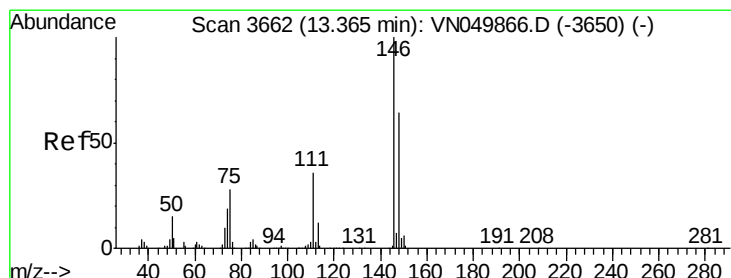
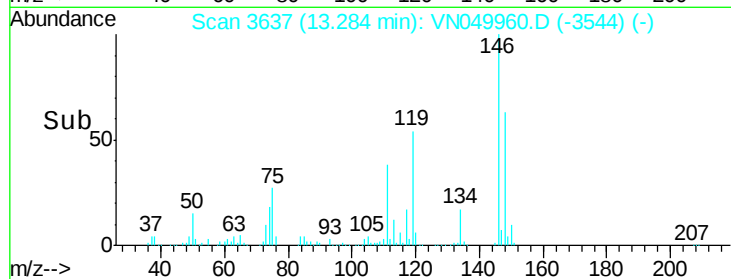
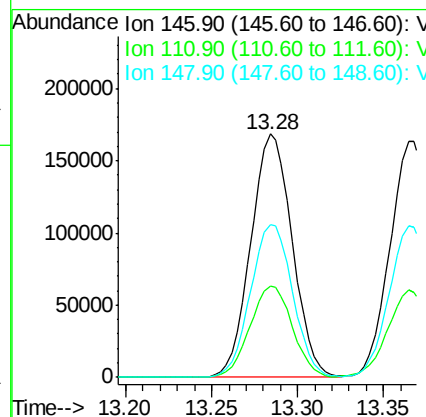
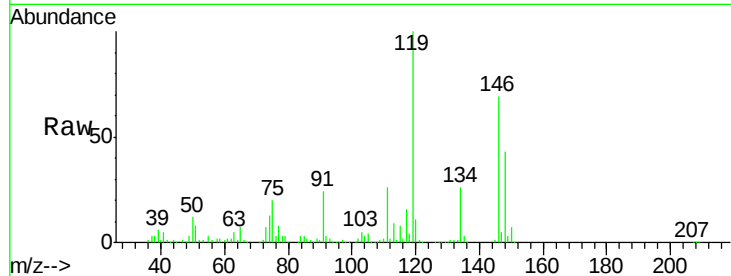
#87
 1,3-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.7	32.5	97.5

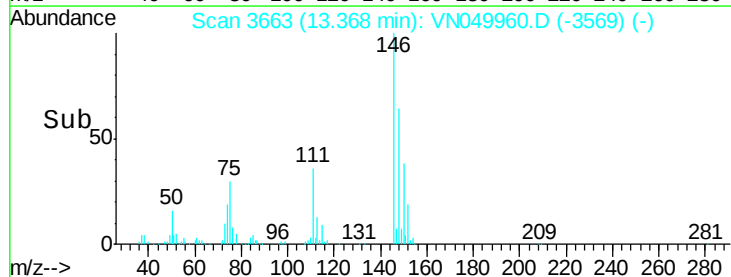
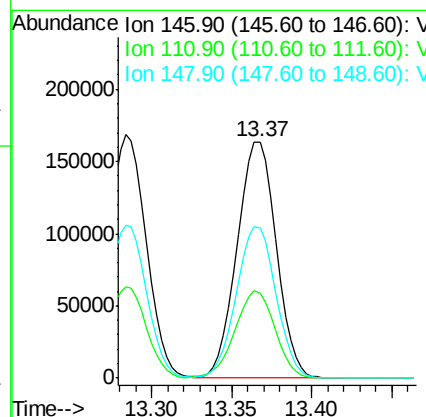
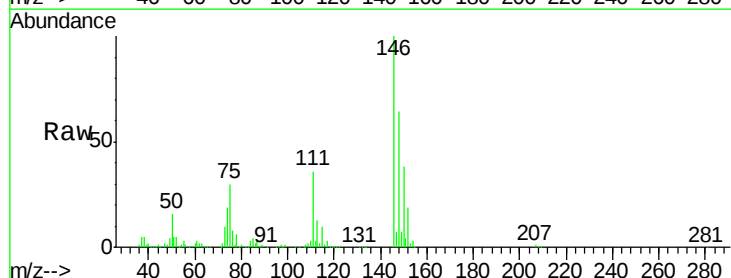
Manual Integrations
 APPROVED

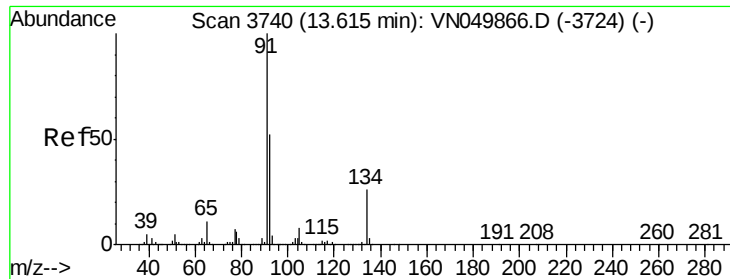
MMDadoda
 7/23/2018 2:04:06 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.32 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	65.0	32.1	96.3





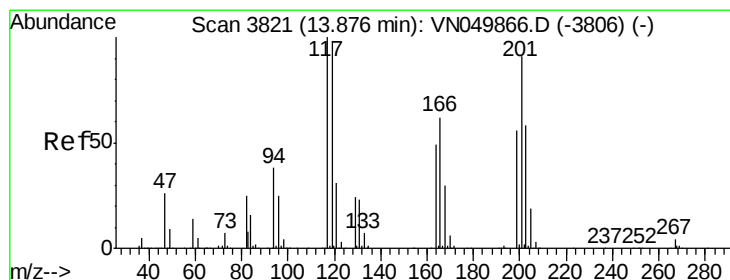
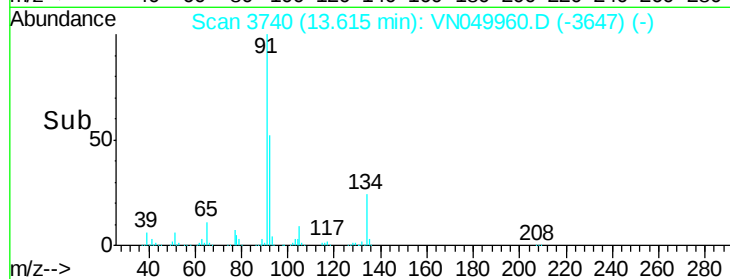
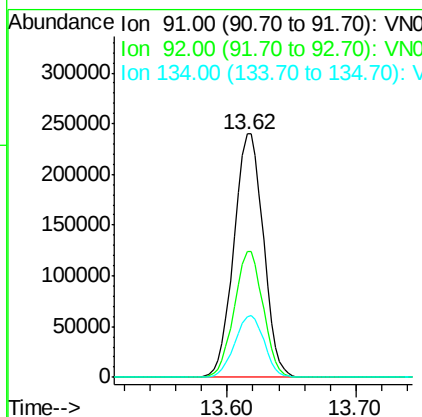
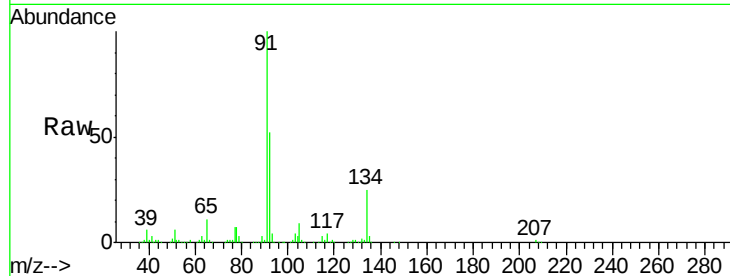
#89
n-Butylbenzene
Concen: 19.86 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.8	77.3
134	25.3	13.0	38.9

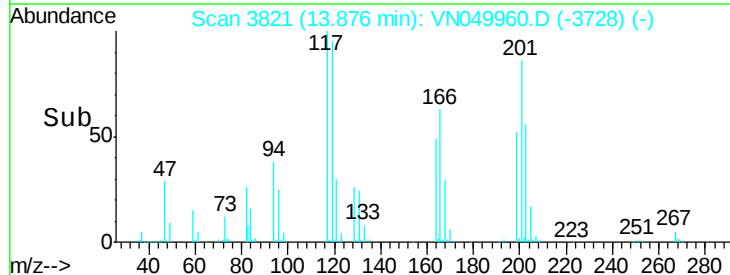
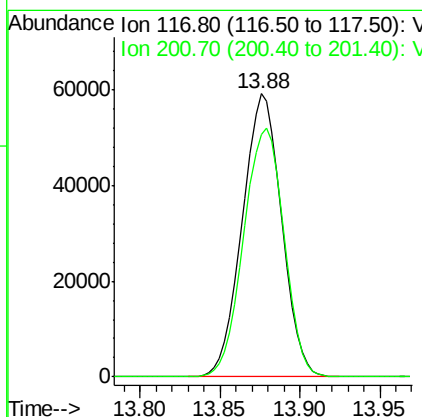
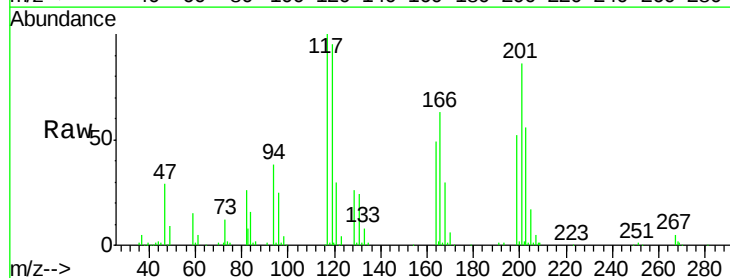
Manual Integrations
APPROVED

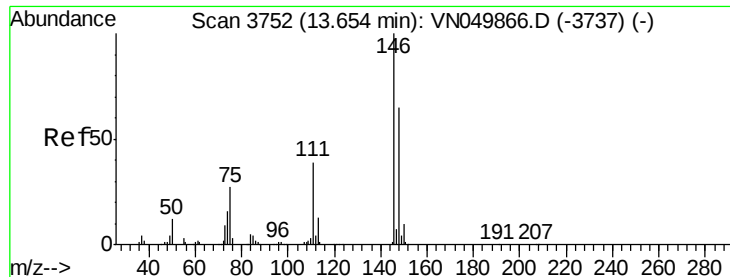
MMDadoda
7/23/2018 2:04:06 PM



#90
Hexachloroethane
Concen: 18.95 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	45.3	135.8





#91

1,2-Dichlorobenzene

Concen: 20.53 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Instrument :

MSVOA_N

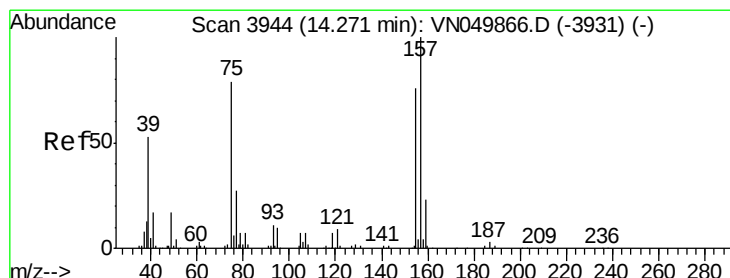
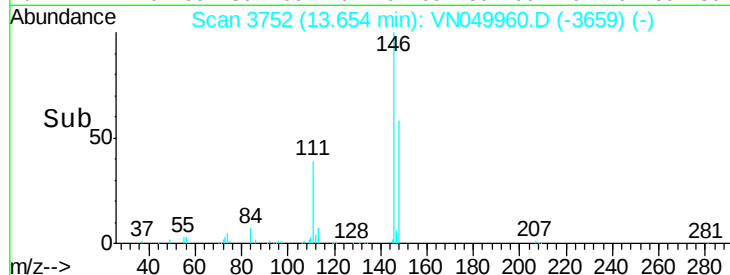
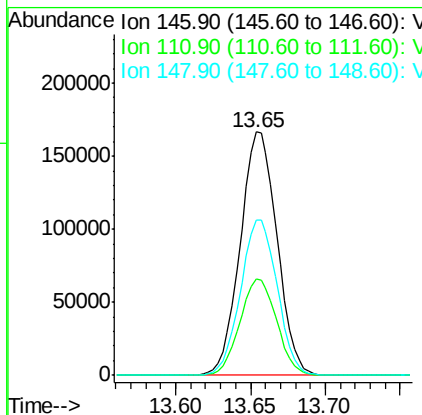
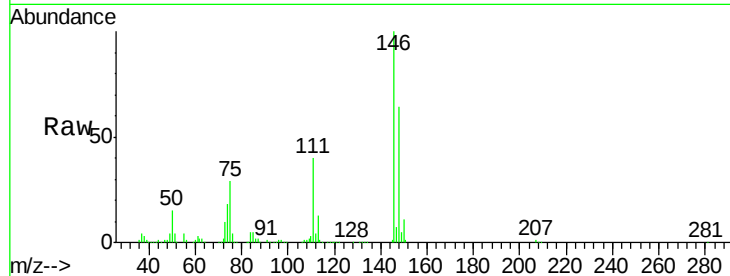
ClientSampleId :

VN0720WBSD01

Tot Ion:	146	Resp:	285015
Ion Ratio		Lower	Upper
146	100		
111	39.4	19.7	59.1
148	63.8	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.73 ug/l

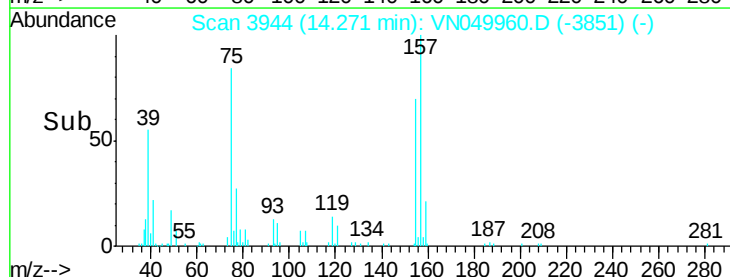
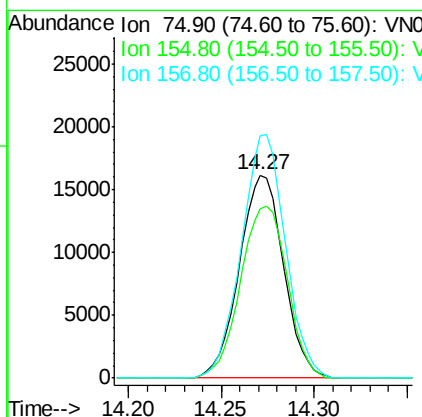
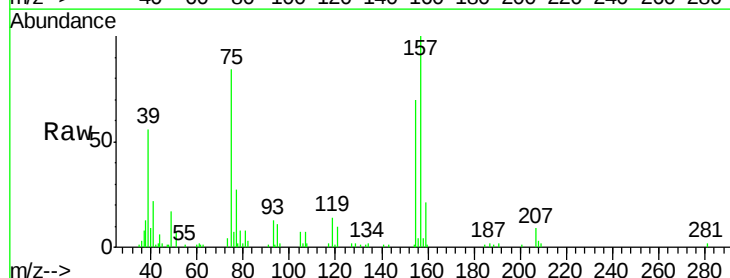
RT: 14.27 min Scan# 3944

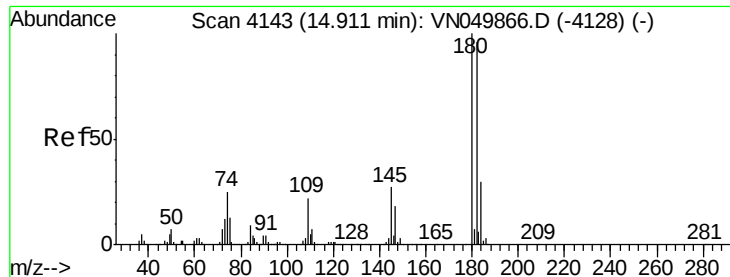
Delta R.T. -0.00 min

Lab File: VN049960.D

Acq: 20 Jul 2018 14:11

Tgt Ion:	75	Resp:	26800
Ion Ratio		Lower	Upper
75	100		
155	89.3	45.7	137.1
157	119.2	56.9	170.7





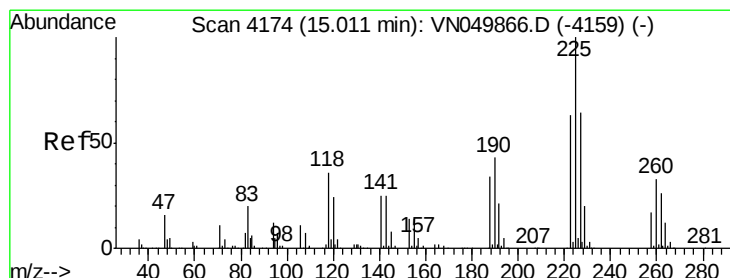
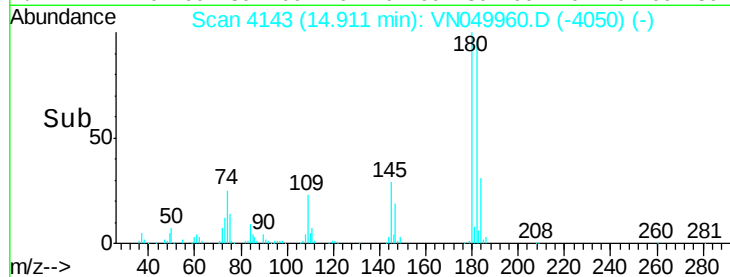
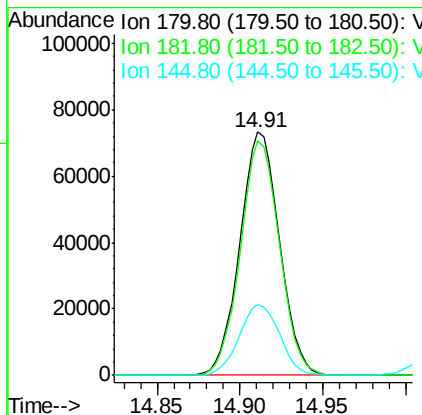
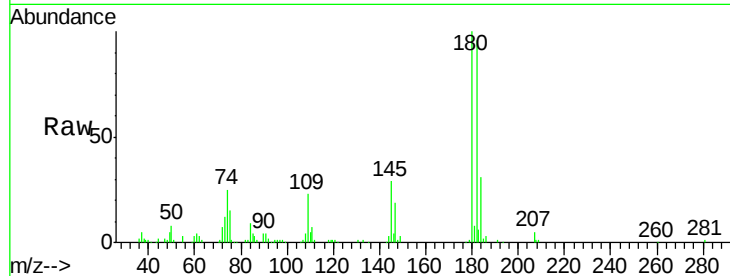
#93
 1,2,4-Trichlorobenzene
 Concen: 18.30 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121925		
182	95.0	47.3	141.9	
145	29.7	14.4	43.0	

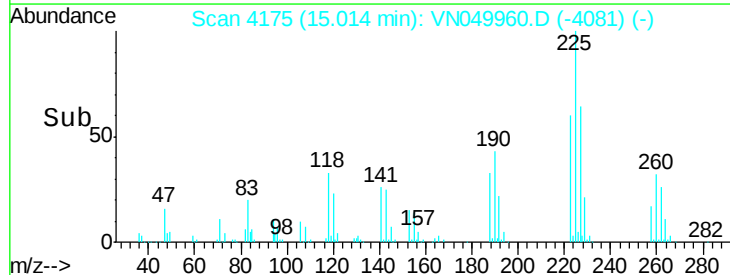
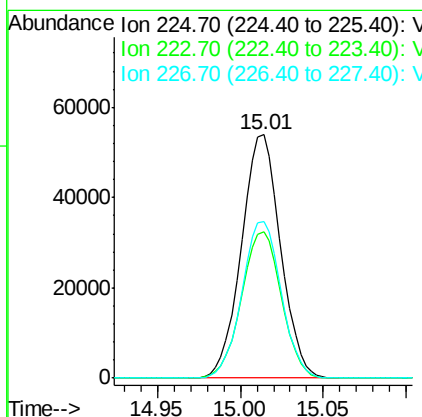
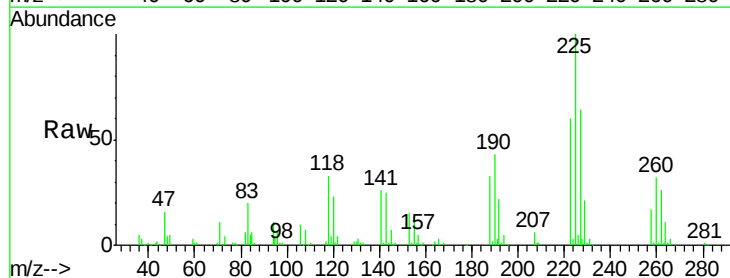
Manual Integrations
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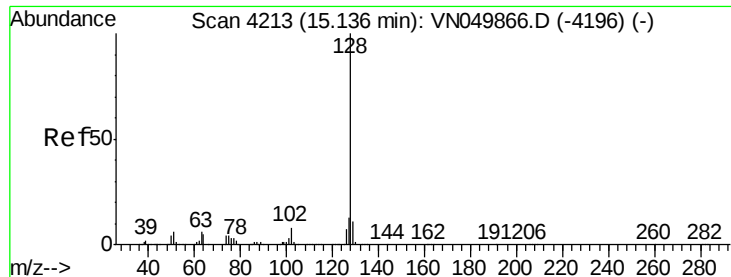
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#94
 Hexachlorobutadiene
 Concen: 19.44 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049960.D
 Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88437		
223	61.4	30.9	92.7	
227	64.6	31.8	95.4	





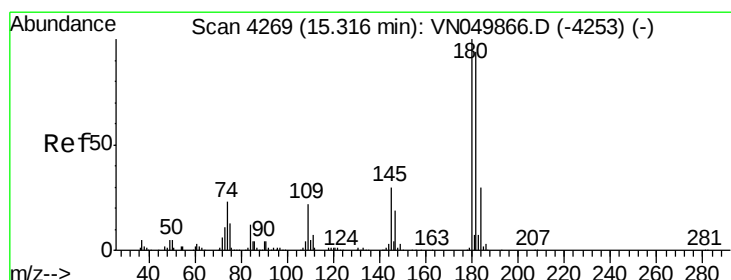
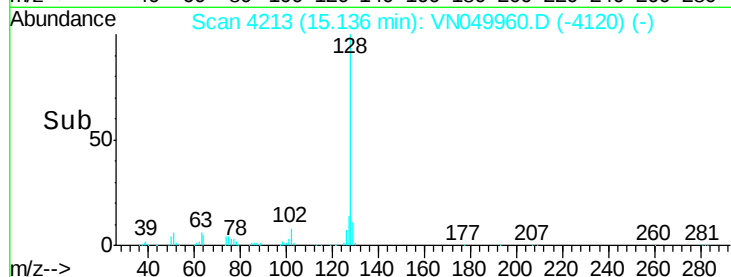
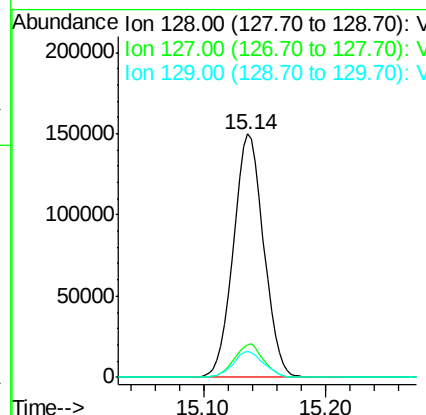
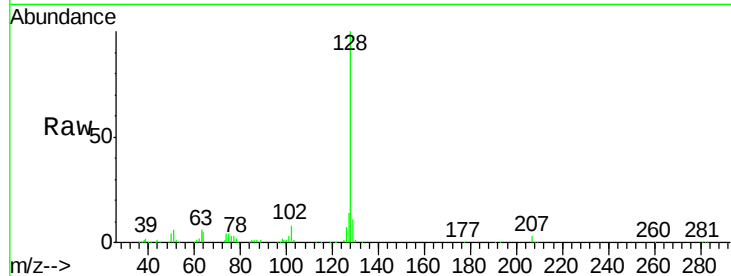
#95
Naphthalene
Concen: 17.39 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.14 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049960.D
Acq: 20 Jul 2018 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.4	142.2
145	30.6	15.2	45.6

