

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061890.D
 Acq On : 18 Jun 2020 10:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 05:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	154669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121468	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	94604	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.55	113	82209	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.06	98	314763	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.37	95	107524	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	101539	50.452	ug/l	99
3) Chloromethane	2.03	50	104542	48.695	ug/l	100
4) Vinyl Chloride	2.16	62	131422	51.350	ug/l	98
5) Bromomethane	2.52	94	95753	48.719	ug/l	95
6) Chloroethane	2.66	64	87142	50.309	ug/l	95
7) Trichlorofluoromethane	2.98	101	160843	52.613	ug/l	98
8) Diethyl Ether	3.37	74	50454	49.091	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81287	51.828	ug/l	100
10) Methyl Iodide	3.91	142	98028	51.598	ug/l	99
11) Tert butyl alcohol	4.73	59	64071	223.208	ug/l	98
12) 1,1-Dichloroethene	3.69	96	77383	49.241	ug/l	99
13) Acrolein	3.56	56	46304	269.899	ug/l	98
14) Allyl chloride	4.27	41	100864	48.359	ug/l	99
15) Acrylonitrile	4.93	53	178409	250.837	ug/l	100
16) Acetone	3.77	43	151894	247.900	ug/l	97
17) Carbon Disulfide	4.00	76	221499	48.170	ug/l	99
18) Methyl Acetate	4.27	43	83381	47.267	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	255497	48.829	ug/l	97
20) Methylene Chloride	4.50	84	91471	45.822	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	89564	49.618	ug/l	98
22) Diisopropyl ether	5.90	45	226601	47.504	ug/l	98
23) Vinyl Acetate	5.84	43	919102	244.978	ug/l	100
24) 1,1-Dichloroethane	5.79	63	149512	47.880	ug/l	99
25) 2-Butanone	6.78	43	221541	247.819	ug/l	97
26) 2,2-Dichloropropane	6.77	77	129843	49.423	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	103275	49.585	ug/l	98
28) Bromochloromethane	7.15	49	68924	49.573	ug/l	99
29) Tetrahydrofuran	7.16	42	143607	244.095	ug/l	99
30) Chloroform	7.33	83	160469	48.084	ug/l	99
31) Cyclohexane	7.61	56	127213	46.537	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	139729	49.163	ug/l	99
36) 1,1-Dichloropropene	7.75	75	119952	52.294	ug/l	98
37) Ethyl Acetate	6.88	43	91055	50.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	122867	54.090	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	137293	55.586	ug/l	98
40) Benzene	8.00	78	362254	52.135	ug/l	98
41) Methacrylonitrile	7.12	41	38971	50.879	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	123484	52.120	ug/l	99
43) Isopropyl Acetate	8.12	43	156168	51.734	ug/l	98
44) Trichloroethene	8.80	130	97837	53.502	ug/l	99
45) 1,2-Dichloropropane	9.08	63	90039	52.729	ug/l	97
46) Dibromomethane	9.17	93	64257	53.438	ug/l	99
47) Bromodichloromethane	9.37	83	130505	53.003	ug/l	98
48) Methyl methacrylate	9.17	41	70809	51.581	ug/l	100
49) 1,4-Dioxane	9.17	88	33370	1058.783	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	469688	263.303	ug/l	99
52) Toluene	10.12	92	239039	54.777	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	140357	53.697	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	151066	53.210	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93099	54.223	ug/l	98
56) Ethyl methacrylate	10.40	69	125889	48.118	ug/l	99
57) 1,3-Dichloropropane	10.68	76	155799	53.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	238006	262.657	ug/l	99
59) 2-Hexanone	10.72	43	340801	239.720	ug/l	99
60) Dibromochloromethane	10.87	129	104274	54.427	ug/l	100
61) 1,2-Dibromoethane	10.98	107	96190	53.652	ug/l	99
64) Tetrachloroethene	10.60	164	81179	53.271	ug/l	99
65) Chlorobenzene	11.40	112	257250	50.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	94235	53.557	ug/l	100
67) Ethyl Benzene	11.48	91	453783	53.647	ug/l	100
68) m/p-Xylenes	11.59	106	354939	108.820	ug/l	99
69) o-Xylene	11.92	106	169205	54.369	ug/l	99
70) Styrene	11.94	104	286425	54.966	ug/l	99
71) Bromoform	12.10	173	69986	54.550	ug/l #	100
73) Isopropylbenzene	12.22	105	445096	51.565	ug/l	99
74) N-amyl acetate	12.04	43	139717	45.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	134824	48.043	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	166689	69.899	ug/l #	100
77) Bromobenzene	12.50	156	109879	50.458	ug/l	97
78) n-propylbenzene	12.56	91	509109	51.691	ug/l	99
79) 2-Chlorotoluene	12.65	91	295484	49.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	370622	51.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44741	51.171	ug/l	99
82) 4-Chlorotoluene	12.75	91	311527	50.967	ug/l	99
83) tert-Butylbenzene	12.97	119	311417	51.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	370706	52.588	ug/l	99
85) sec-Butylbenzene	13.15	105	411083	51.878	ug/l	99
86) p-Isopropyltoluene	13.26	119	380403	53.874	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	202915	51.090	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	200900	49.416	ug/l	99
89) n-Butylbenzene	13.59	91	311757	52.868	ug/l	99
90) Hexachloroethane	13.85	117	67001	51.837	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	194966	50.990	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23233	50.995	ug/l	98

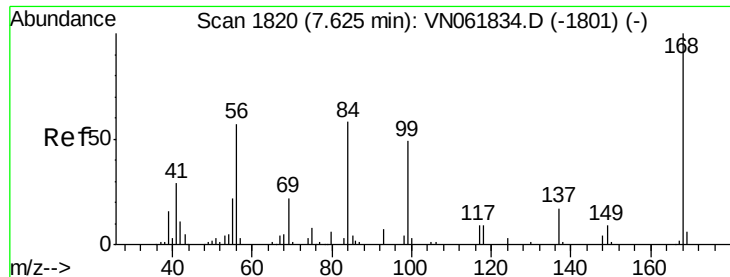
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93290	51.705	ug/l	99
94) Hexachlorobutadiene	14.98	225	38267	53.850	ug/l	99
95) Naphthalene	15.10	128	260031	43.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92209	51.603	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

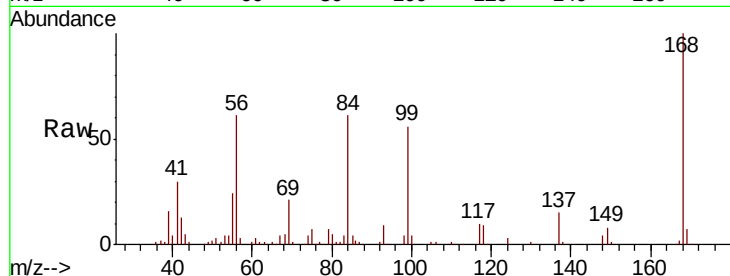
VSTDCCC050

Tot Ion:168 Resp: 154669

Ion Ratio Lower Upper

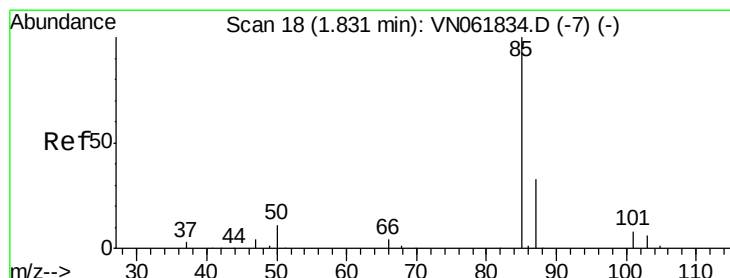
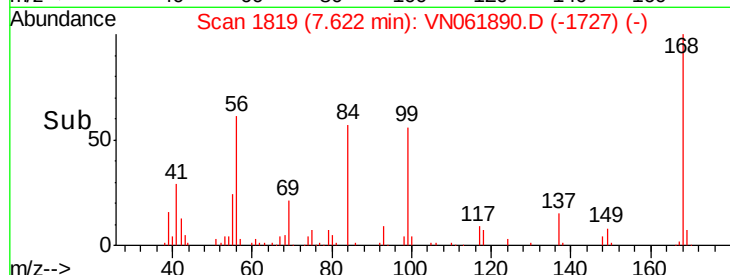
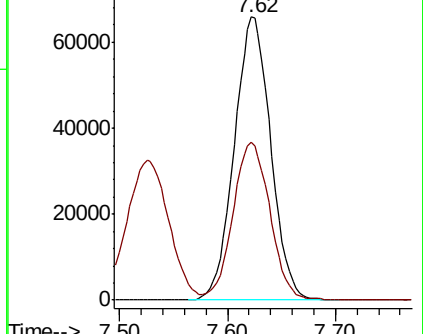
168 100

99 55.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.452 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061890.D

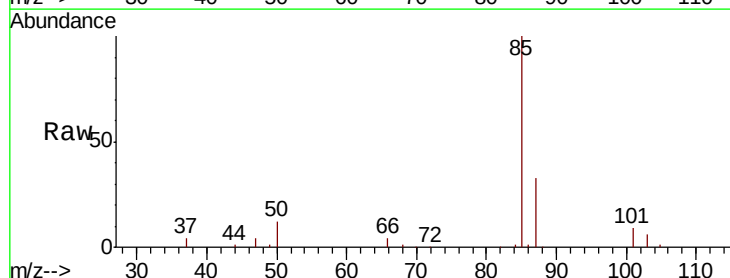
Acq: 18 Jun 2020 10:33

Tgt Ion: 85 Resp: 101539

Ion Ratio Lower Upper

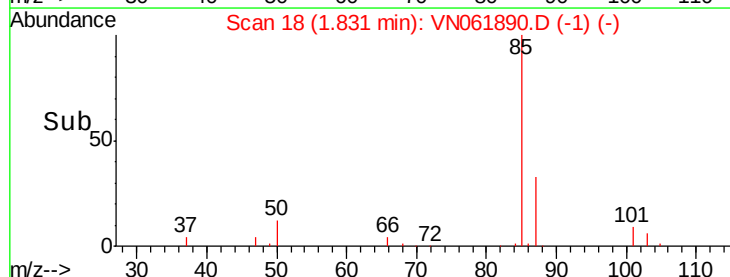
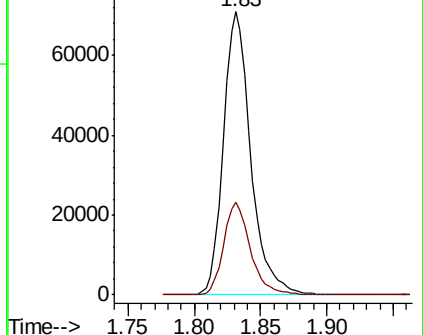
85 100

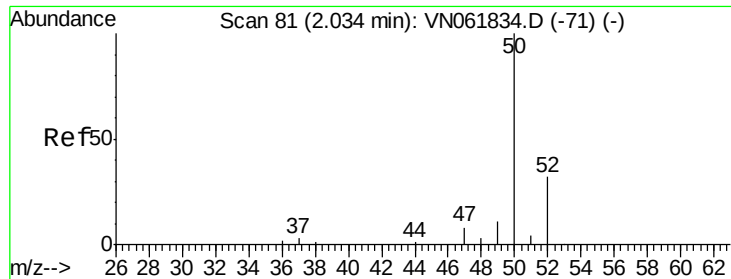
87 32.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

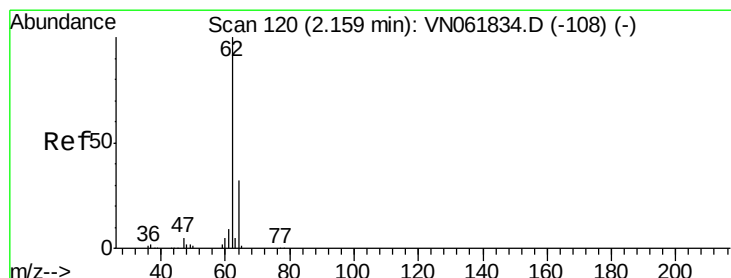
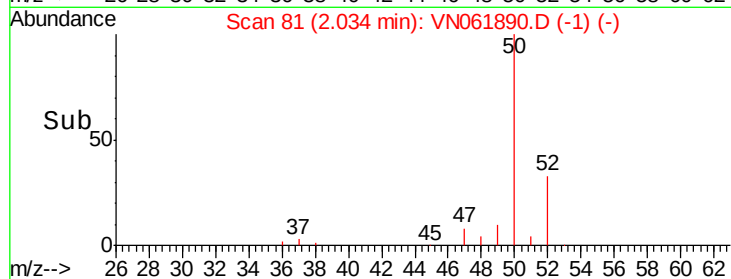
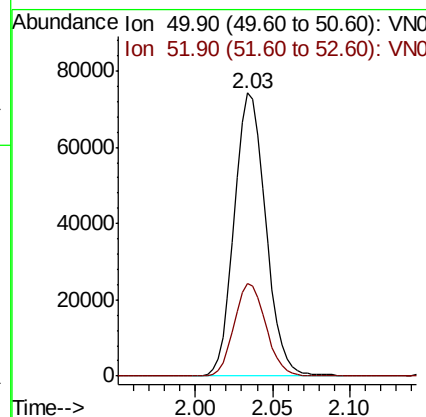
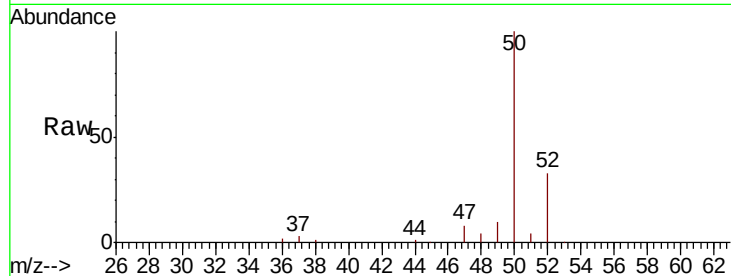




#3
Chloromethane
Concen: 48.695 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

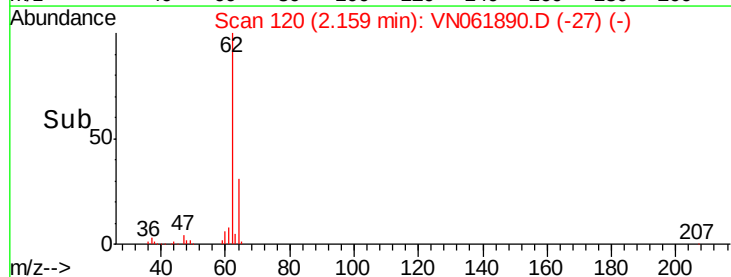
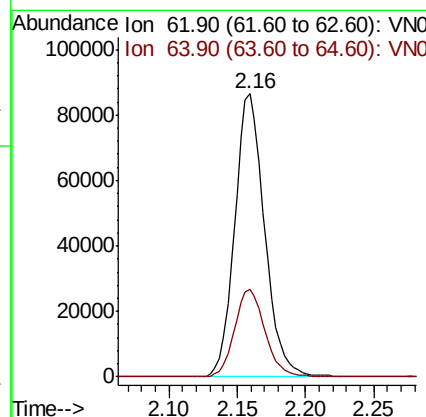
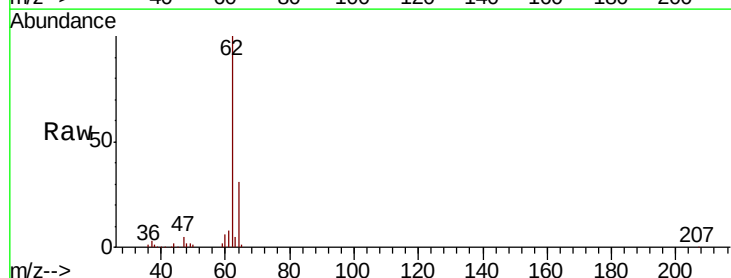
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

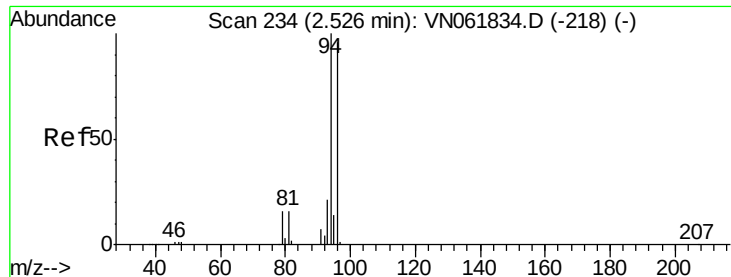
Tot Ion: 50 Resp: 104542
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 51.350 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 62 Resp: 131422
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5

Bromomethane

Concen: 48.719 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

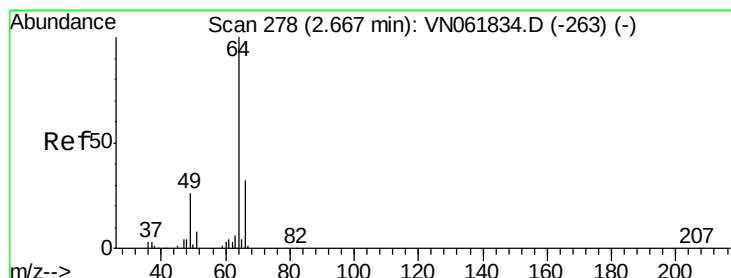
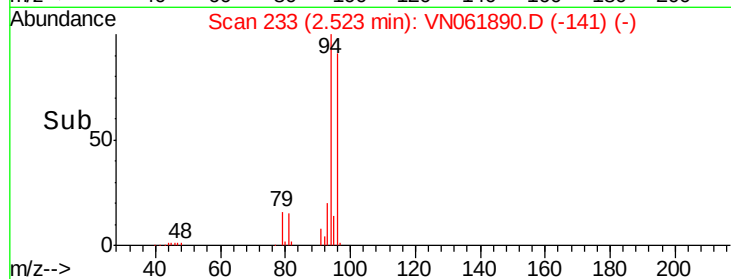
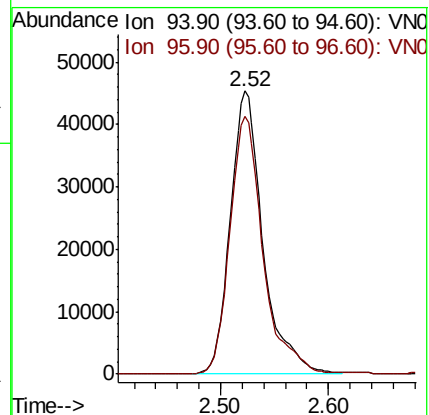
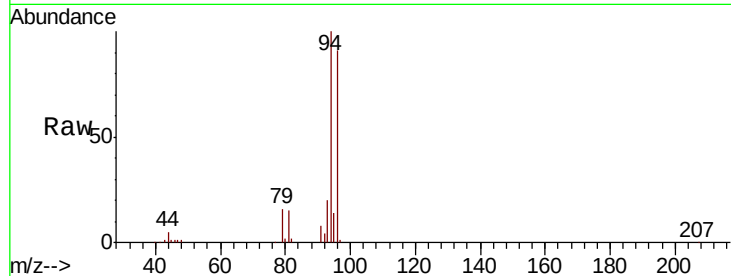
VSTDCCC050

Tot Ion: 94 Resp: 95753

Ion Ratio Lower Upper

94 100

96 91.1 76.7 115.1



#6

Chloroethane

Concen: 50.309 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061890.D

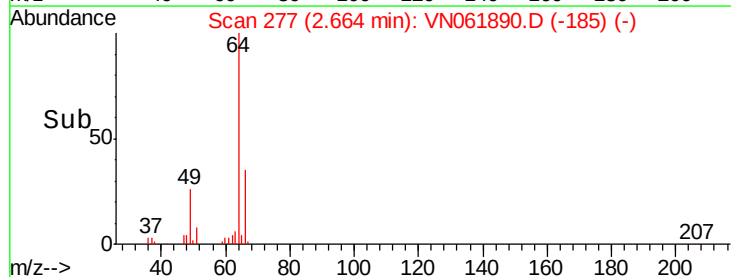
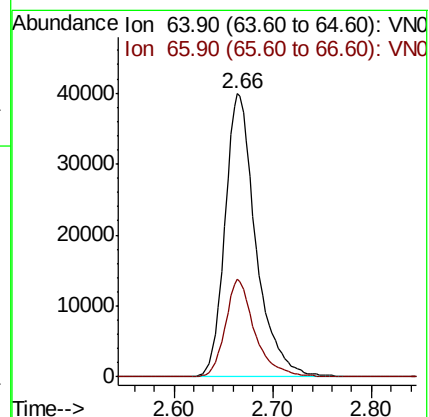
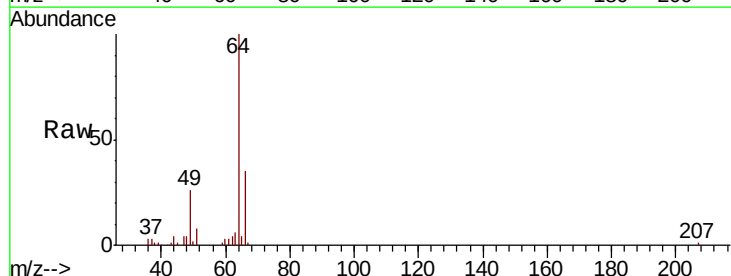
Acq: 18 Jun 2020 10:33

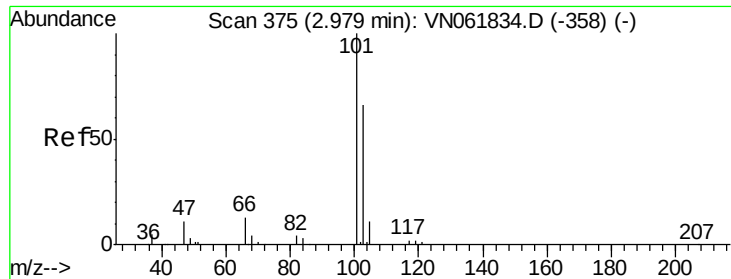
Tgt Ion: 64 Resp: 87142

Ion Ratio Lower Upper

64 100

66 34.5 25.4 38.2



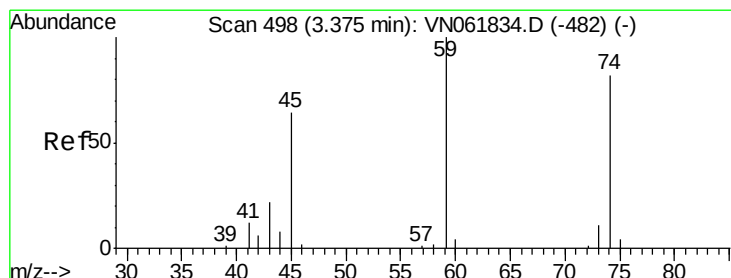
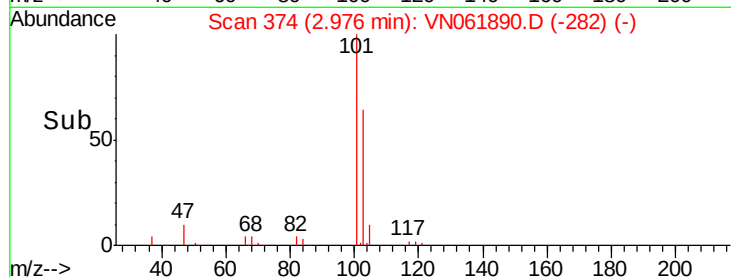
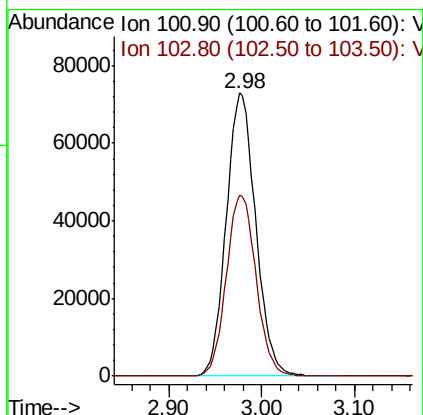
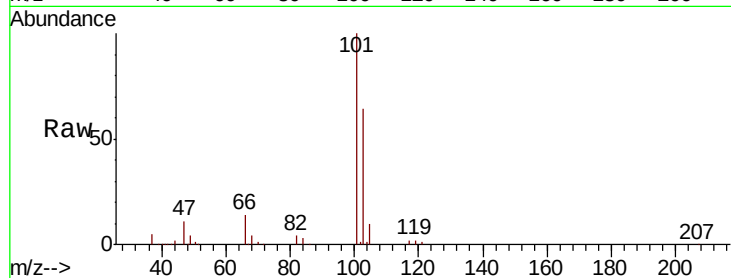


#7

Trichlorofluoromethane
Concen: 52.613 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
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ClientSampleId :
VSTDCCC050

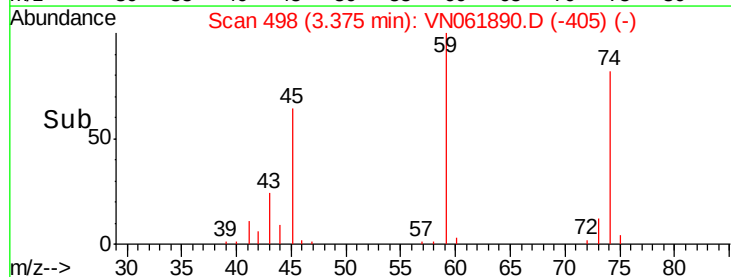
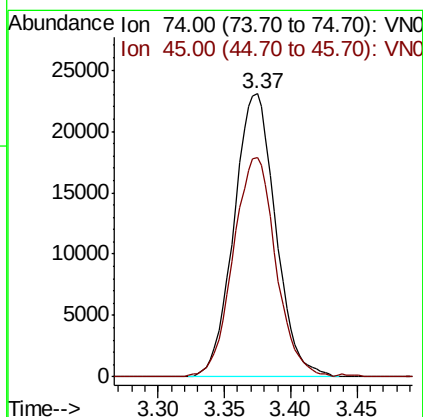
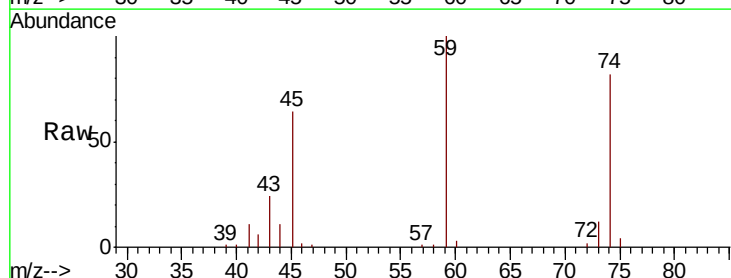
Tot Ion:101 Resp: 160843
Ion Ratio Lower Upper
101 100
103 64.1 52.8 79.2

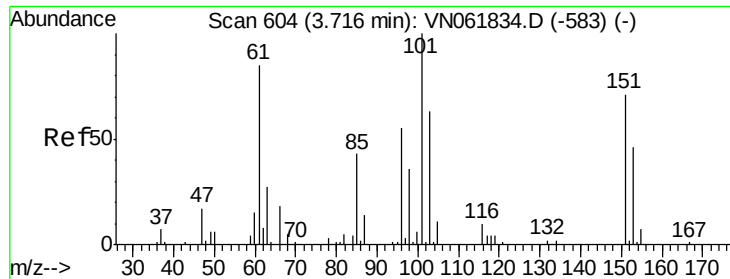


#8

Diethyl Ether
Concen: 49.091 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 74 Resp: 50454
Ion Ratio Lower Upper
74 100
45 79.3 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.828 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

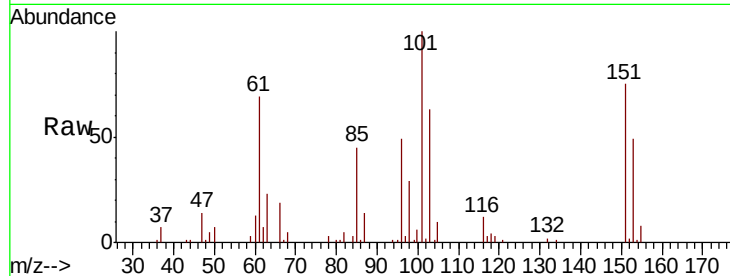
Tot Ion:101 Resp: 81287

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

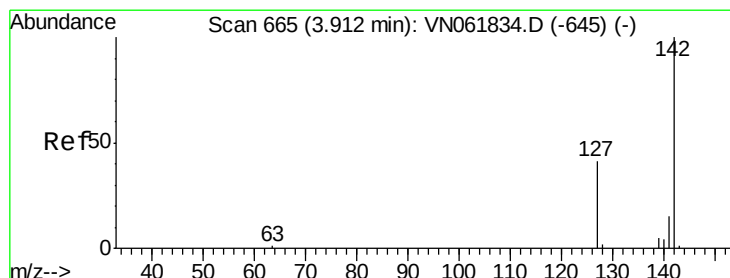
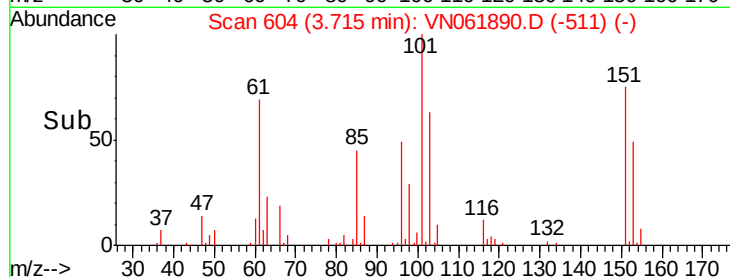
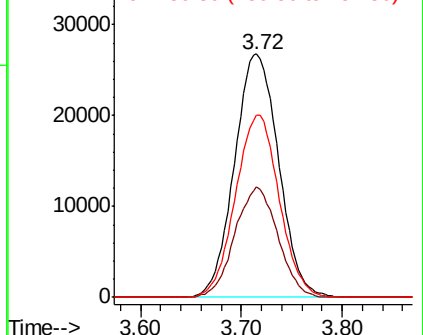
151 74.1 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.598 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

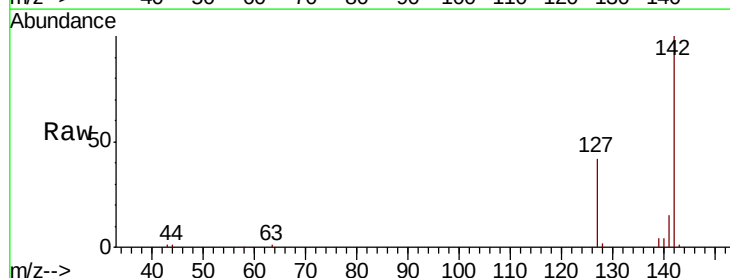
Tgt Ion:142 Resp: 98028

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.0

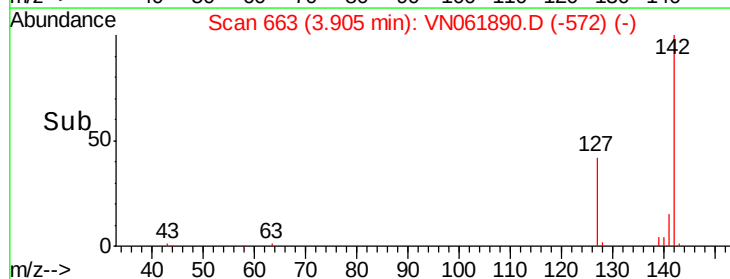
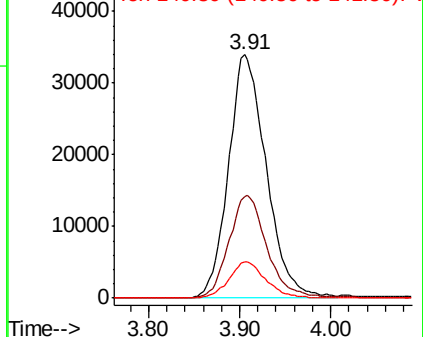
141 14.4 11.3 16.9

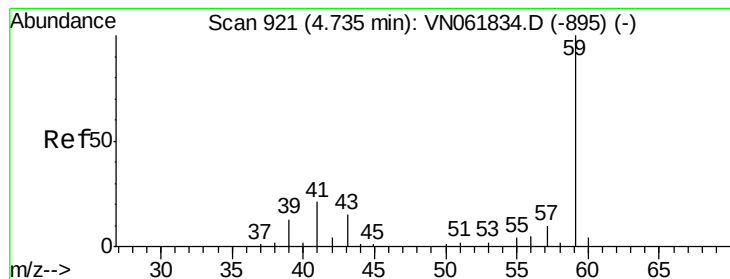


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



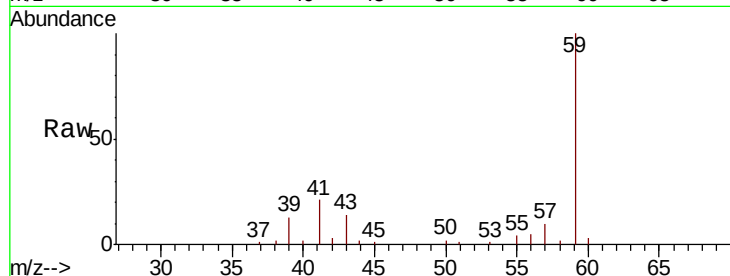


#11

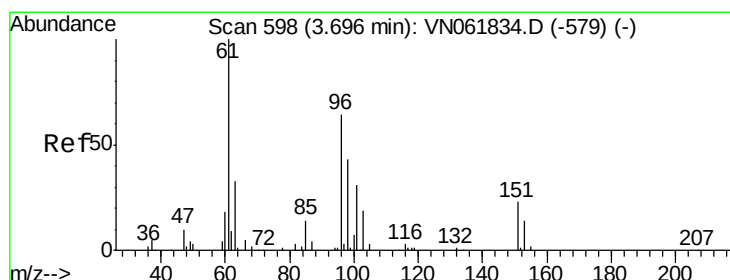
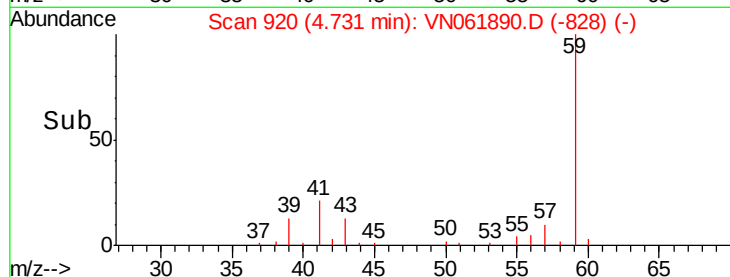
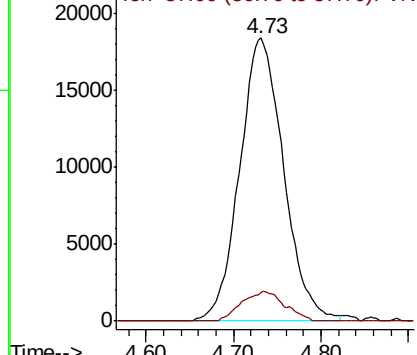
Tert butyl alcohol
 Concen: 223.208 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 59 Resp: 64071
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.7 11.5



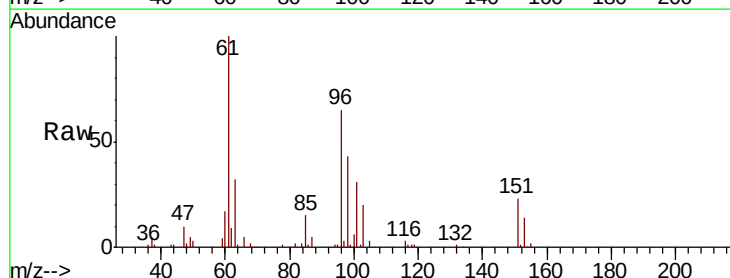
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



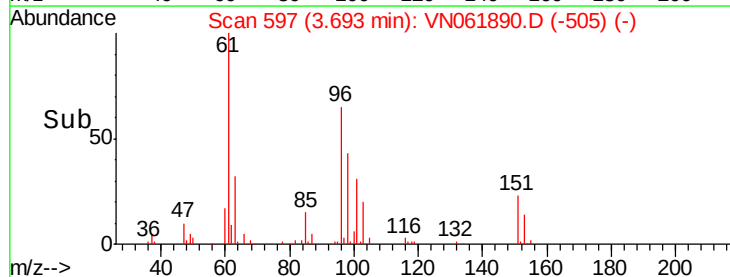
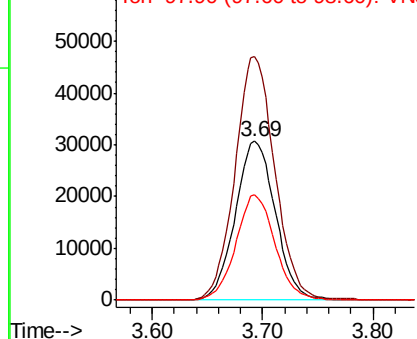
#12

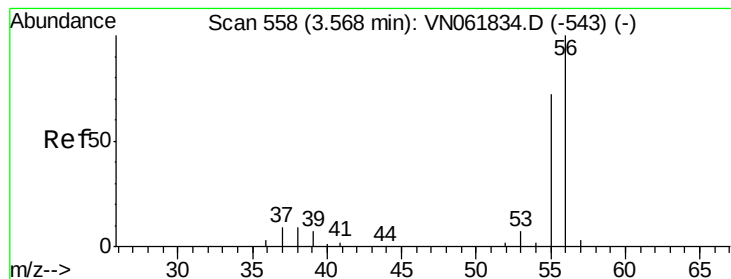
1,1-Dichloroethene
 Concen: 49.241 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 96 Resp: 77383
 Ion Ratio Lower Upper
 96 100
 61 153.1 124.3 186.5
 98 66.1 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 269.899 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

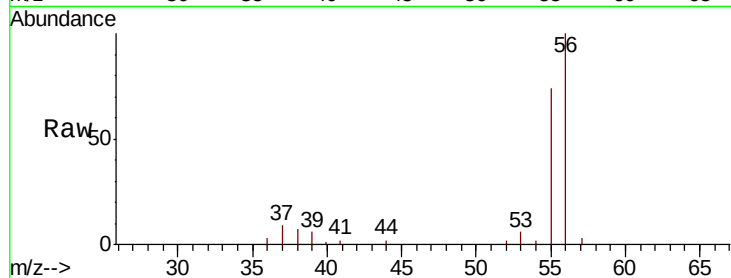
VSTDCCC050

Tot Ion: 56 Resp: 46304

Ion Ratio Lower Upper

56 100

55 71.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

20000

15000

10000

5000

0

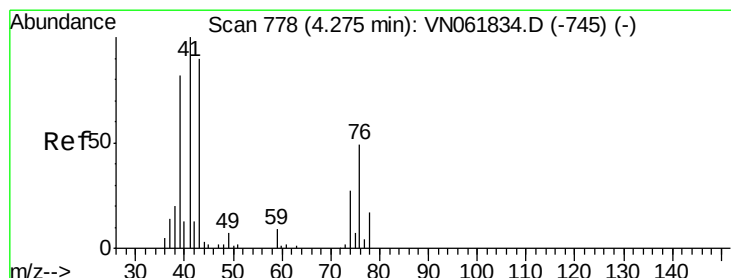
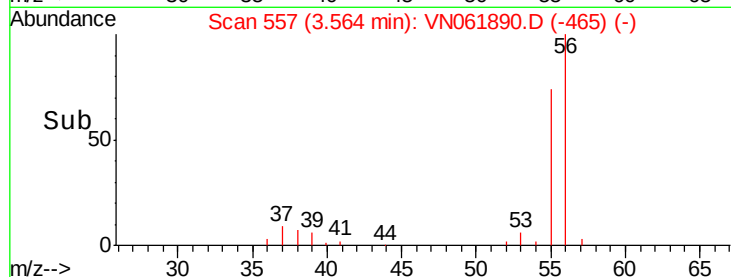
3.50

3.56

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 48.359 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

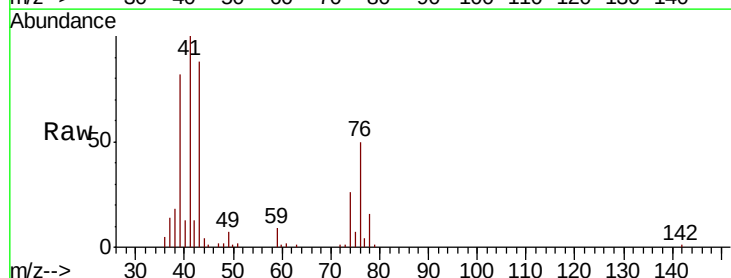
Tgt Ion: 41 Resp: 100864

Ion Ratio Lower Upper

41 100

39 76.3 60.2 90.2

76 46.0 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

40000

30000

20000

10000

0

4.10

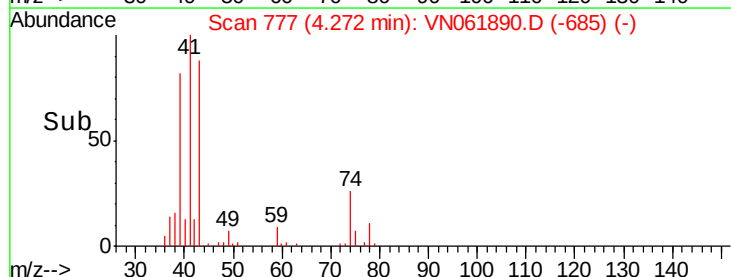
4.20

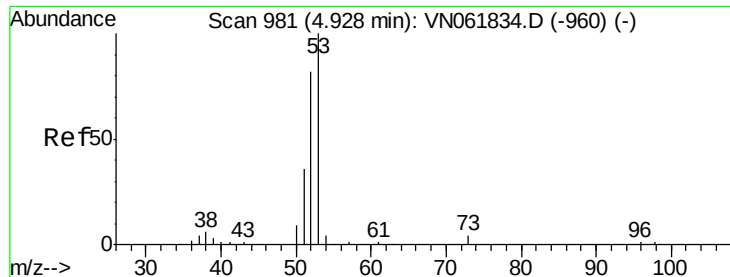
4.27

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 250.837 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

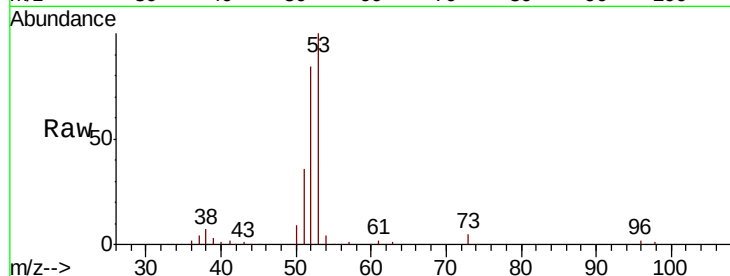
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 178409

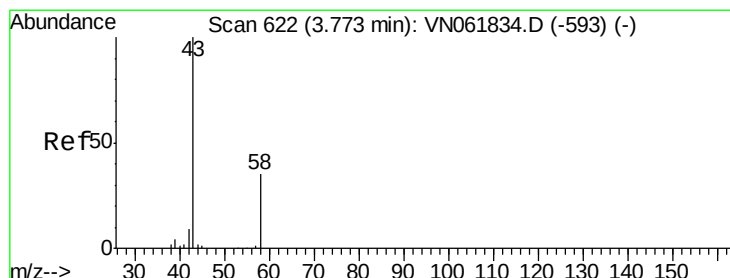
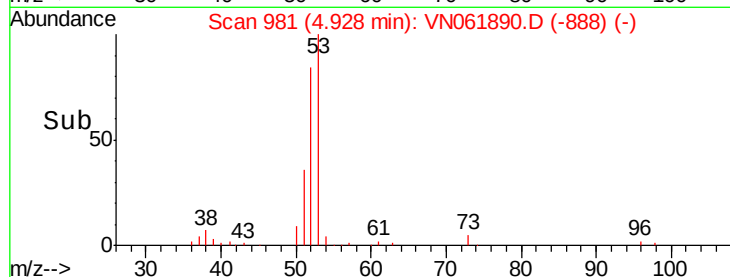
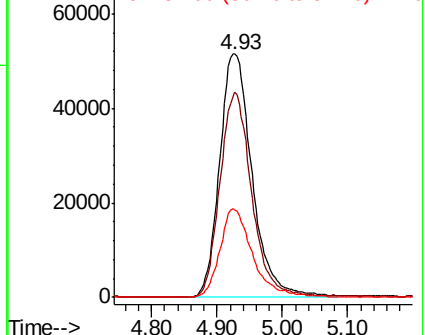
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	36.7	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 247.900 ug/l

RT: 3.77 min Scan# 622

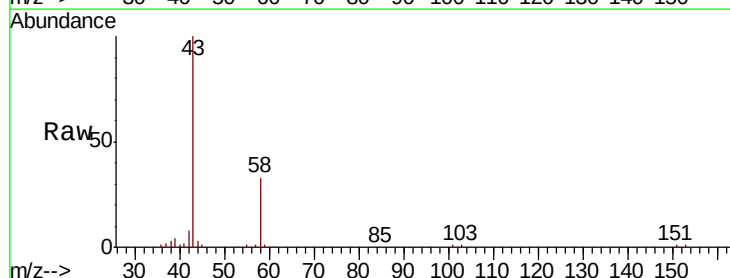
Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

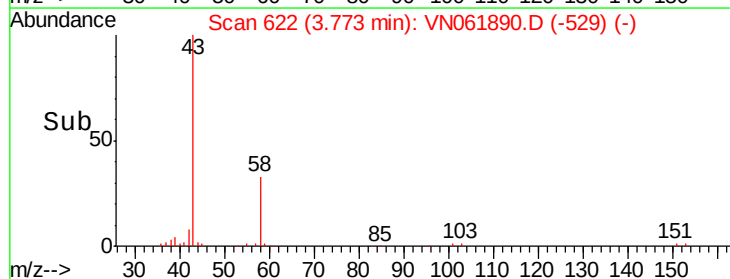
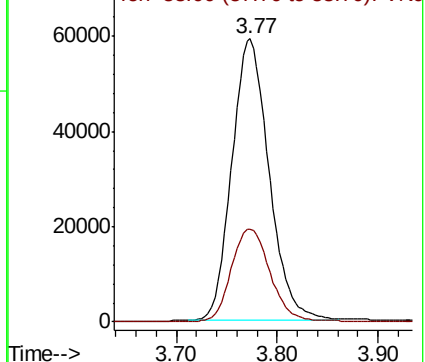
Tgt Ion: 43 Resp: 151894

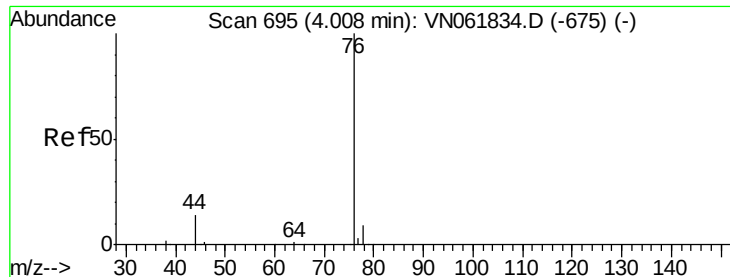
Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.8	41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

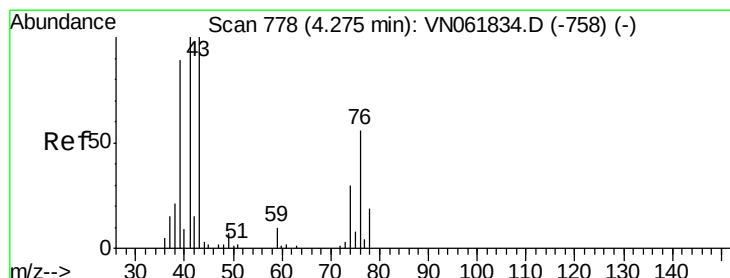
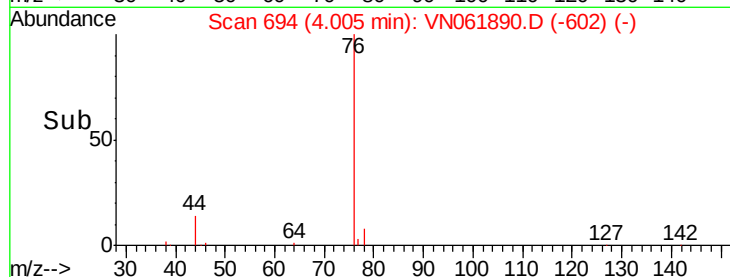
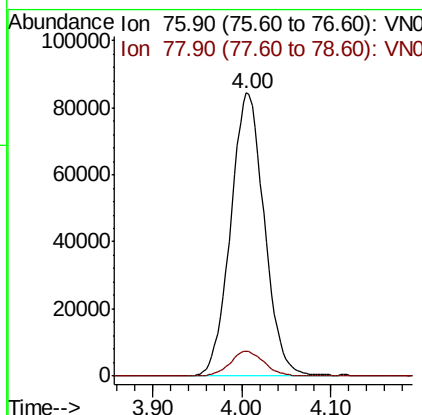
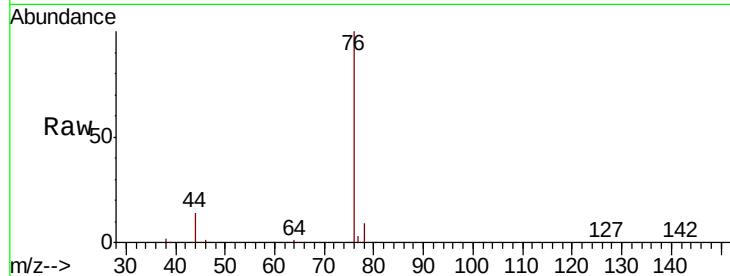




#17
Carbon Disulfide
Concen: 48.170 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

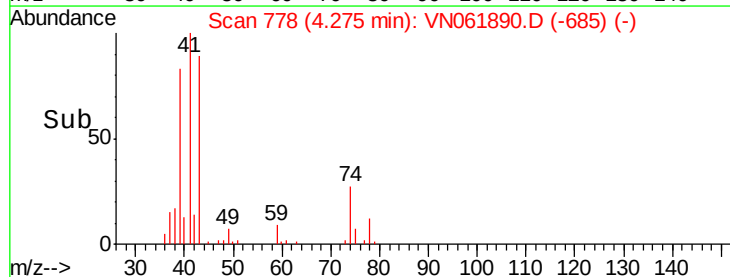
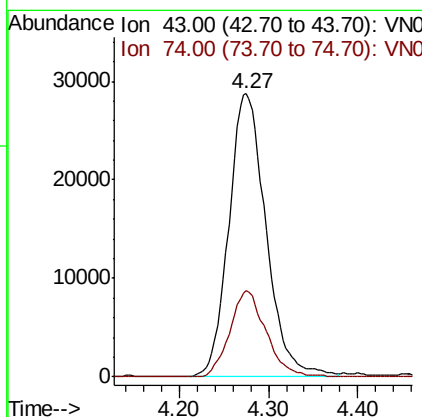
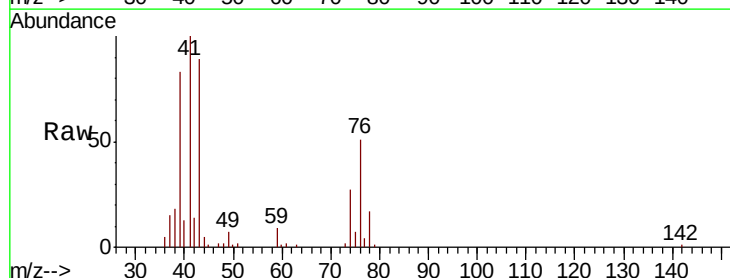
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

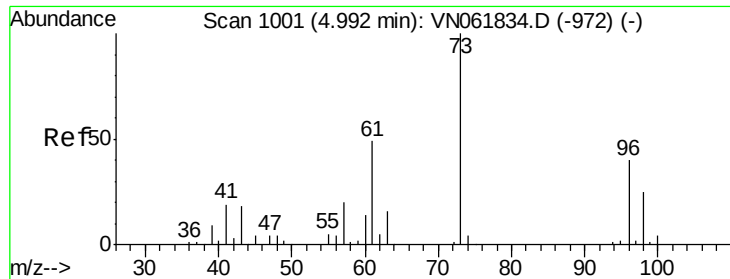
Tot Ion: 76 Resp: 221499
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 47.267 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 43 Resp: 83381
Ion Ratio Lower Upper
43 100
74 29.6 23.0 34.4

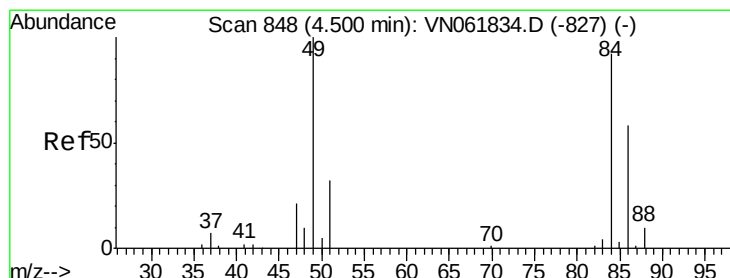
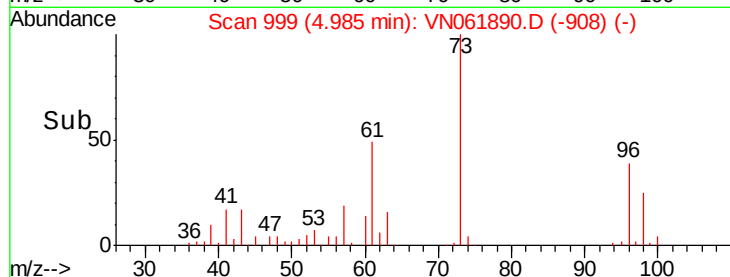
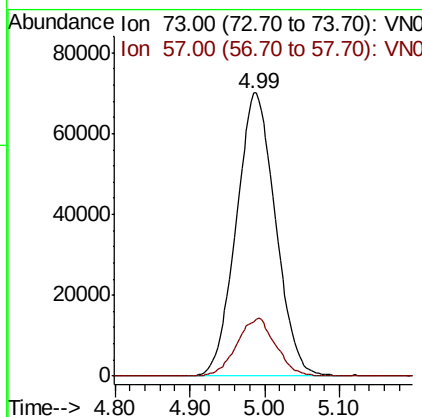
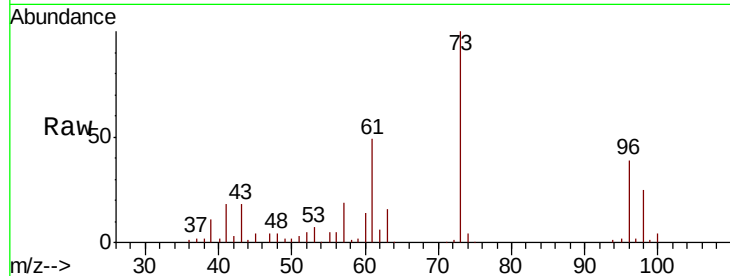




#19
Methyl tert-butyl Ether
Concen: 48.829 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

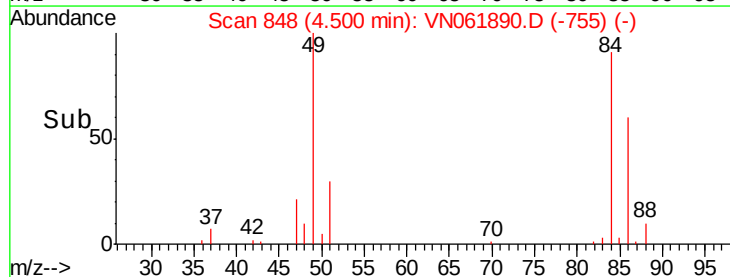
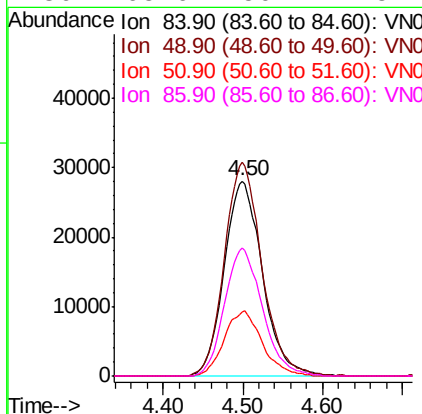
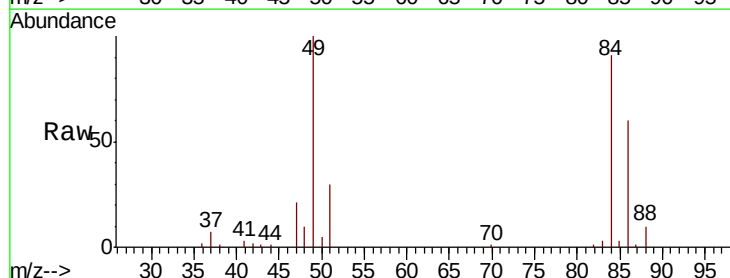
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

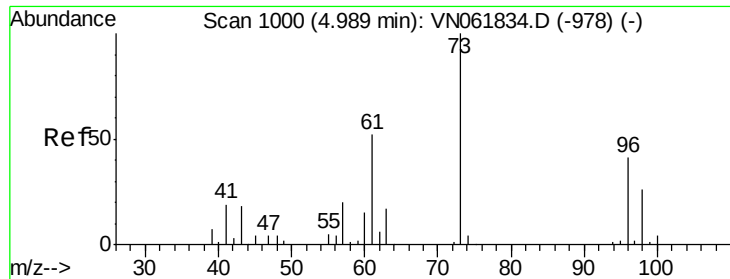
Tot Ion: 73 Resp: 255497
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4



#20
Methylene Chloride
Concen: 45.822 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 84 Resp: 91471
Ion Ratio Lower Upper
84 100
49 109.5 87.0 130.4
51 32.9 27.8 41.6
86 65.6 50.2 75.2

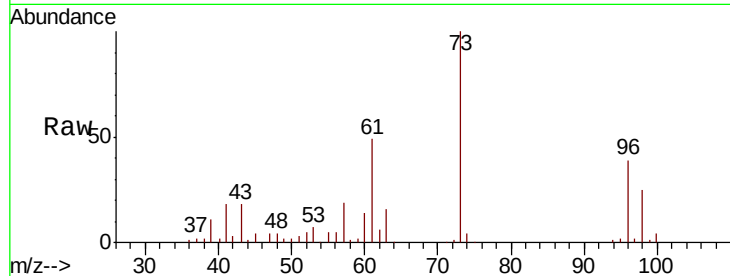




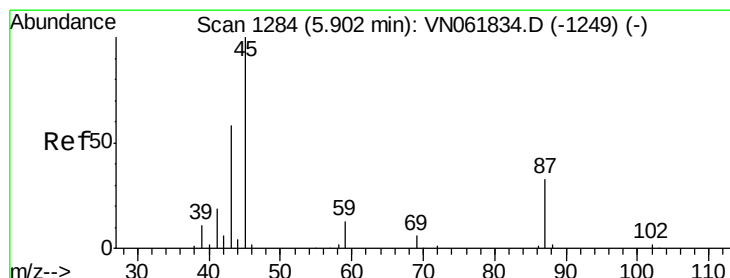
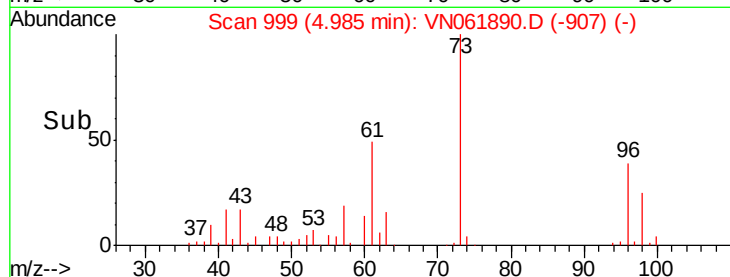
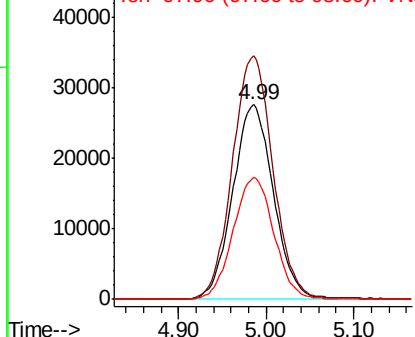
#21
trans-1,2-Dichloroethene
Concen: 49.618 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 89564
Ion Ratio Lower Upper
96 100
61 125.2 102.2 153.4
98 62.5 51.2 76.8

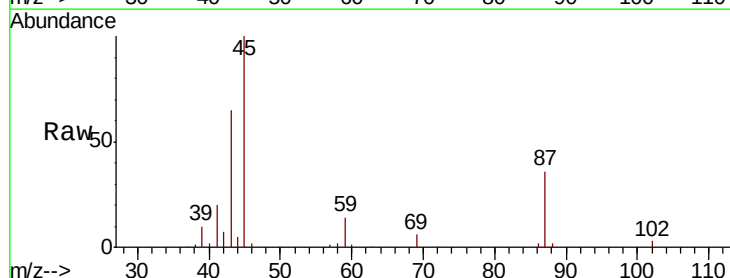


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

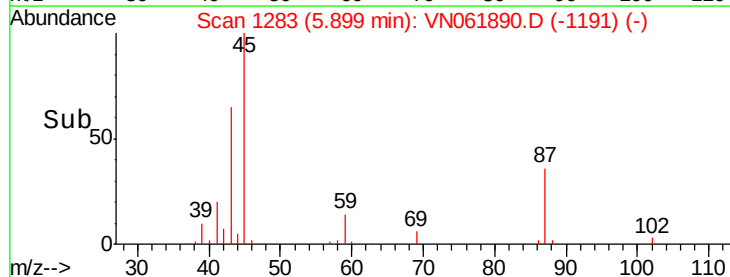
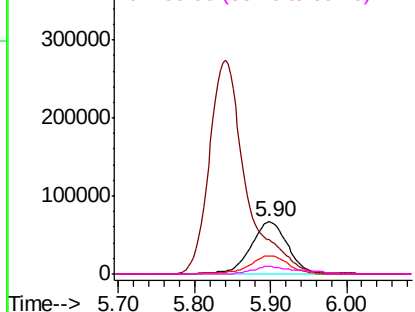


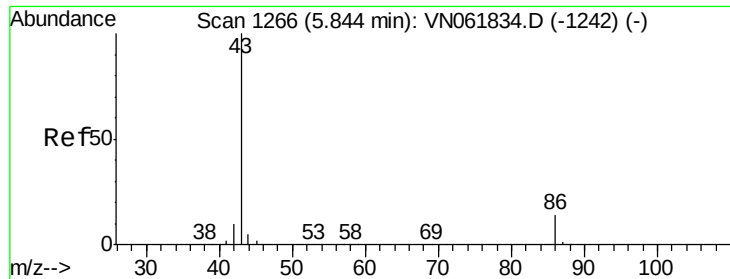
#22
Diisopropyl ether
Concen: 47.504 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 45 Resp: 226601
Ion Ratio Lower Upper
45 100
43 63.5 49.4 74.2
87 35.3 27.4 41.0
59 13.9 10.6 15.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 244.978 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

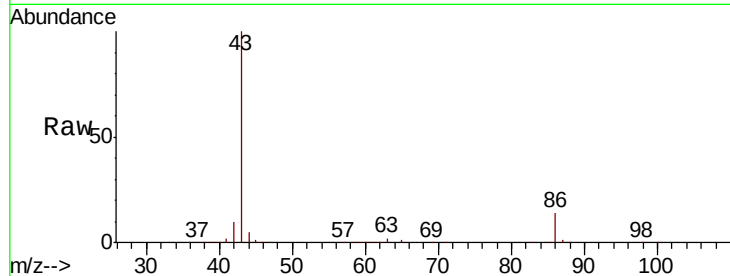
VSTDCCC050

Tot Ion: 43 Resp: 919102

Ion Ratio Lower Upper

43 100

86 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

300000

250000

200000

150000

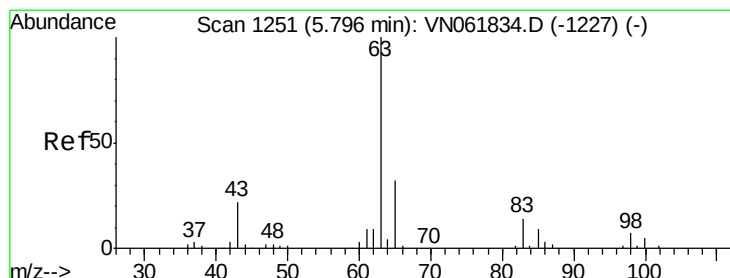
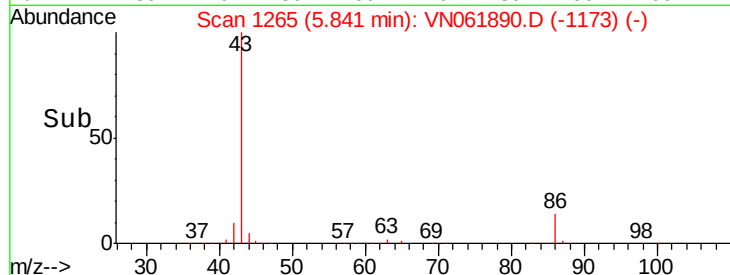
100000

50000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.880 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

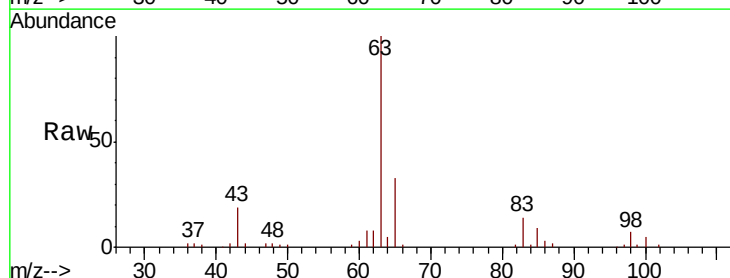
Tgt Ion: 63 Resp: 149512

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.79

60000

50000

40000

30000

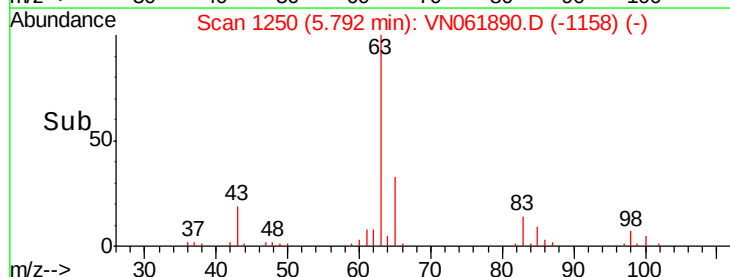
20000

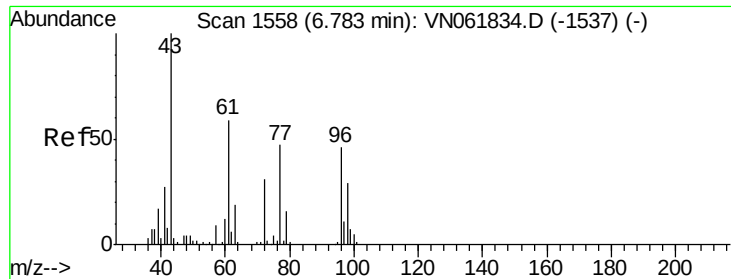
10000

0

5.70 5.80 5.90

Time-->

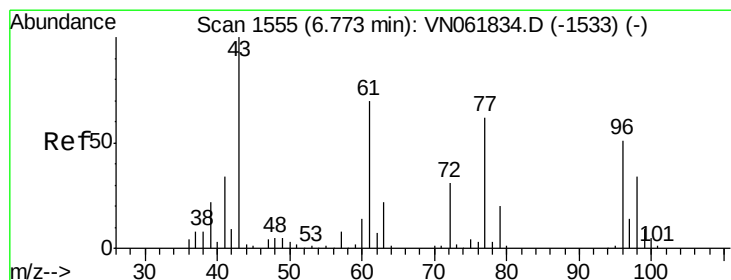
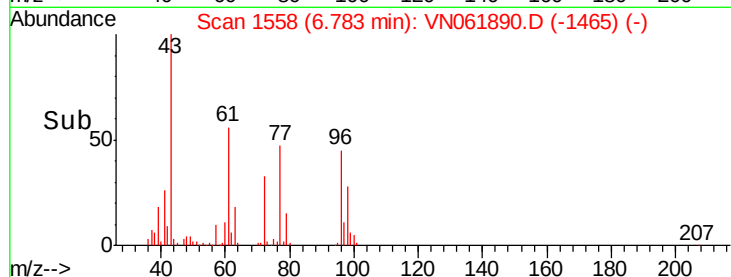
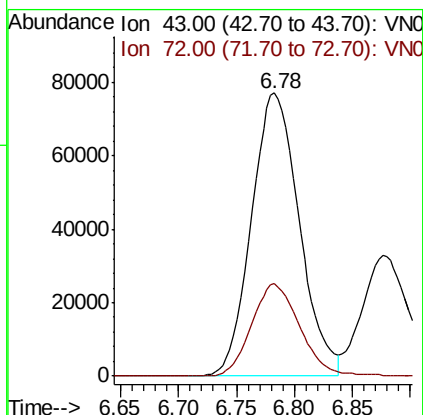
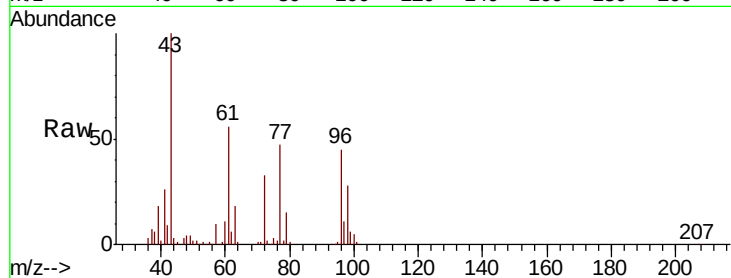




#25
 2-Butanone
 Concen: 247.819 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

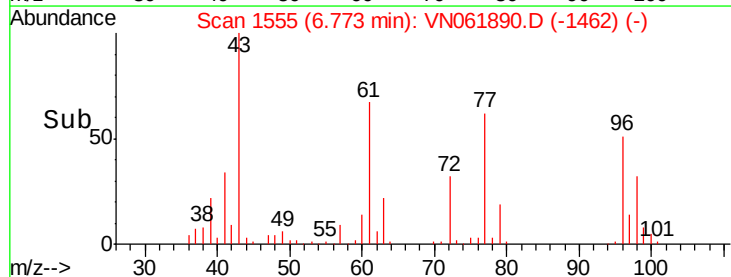
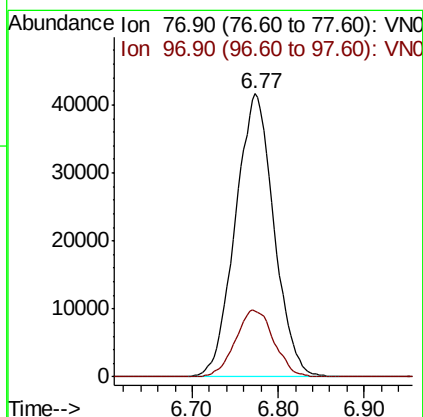
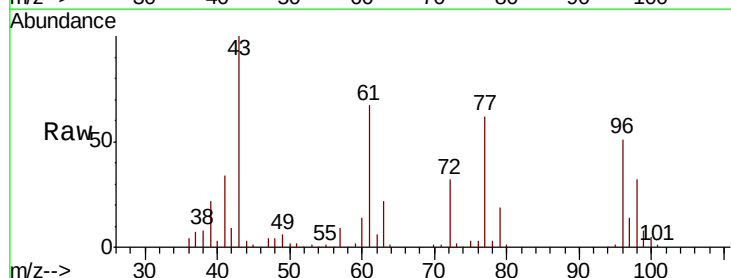
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

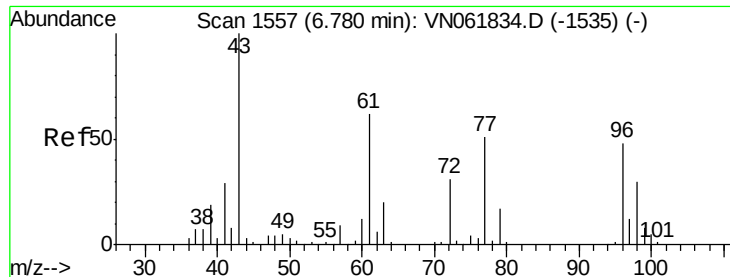
Tot Ion: 43 Resp: 221541
 Ion Ratio Lower Upper
 43 100
 72 32.7 24.6 37.0



#26
 2,2-Dichloropropane
 Concen: 49.423 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 77 Resp: 129843
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.585 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

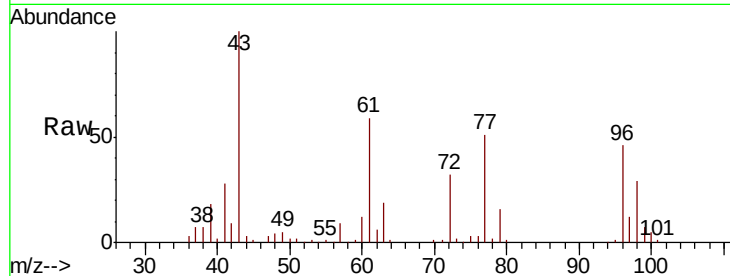
Tot Ion: 96 Resp: 103275

Ion Ratio Lower Upper

96 100

61 130.2 0.0 265.6

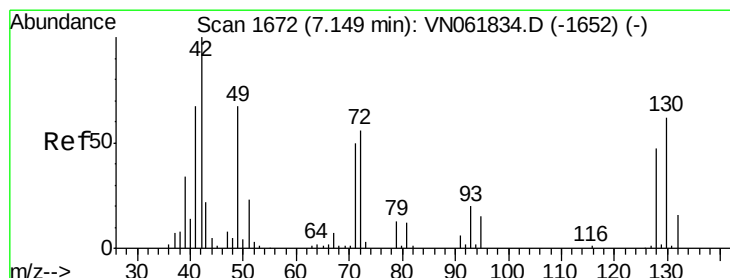
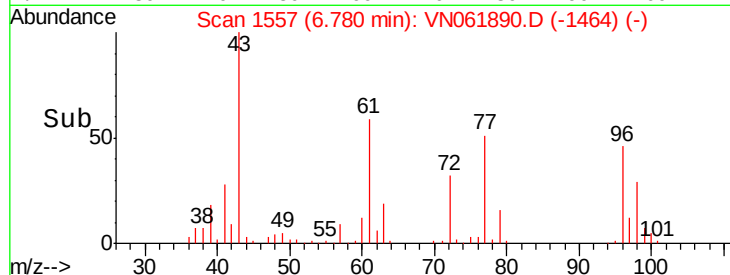
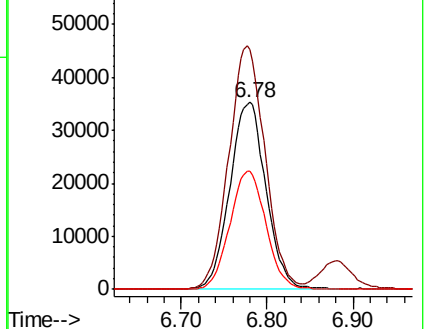
98 63.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061890.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061890.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061890.D (-1464) (-)



#28

Bromochloromethane

Concen: 49.573 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

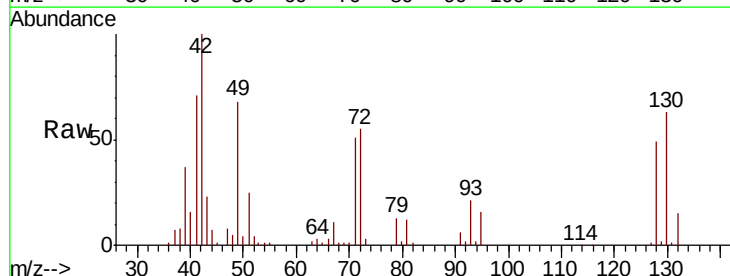
Tgt Ion: 49 Resp: 68924

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.0

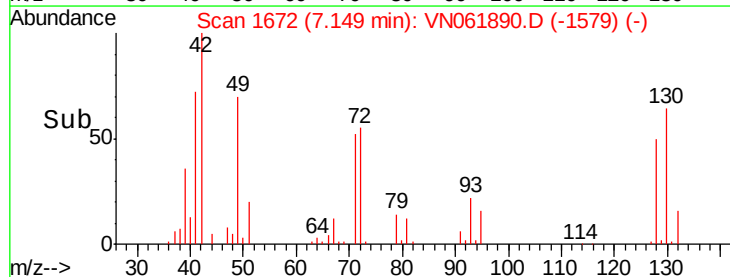
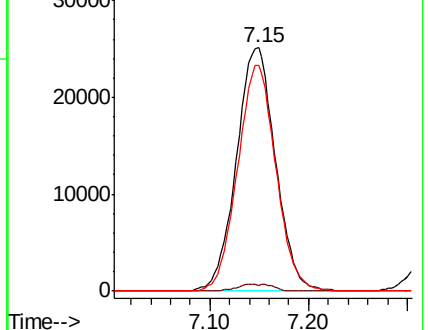
130 90.7 72.2 108.2

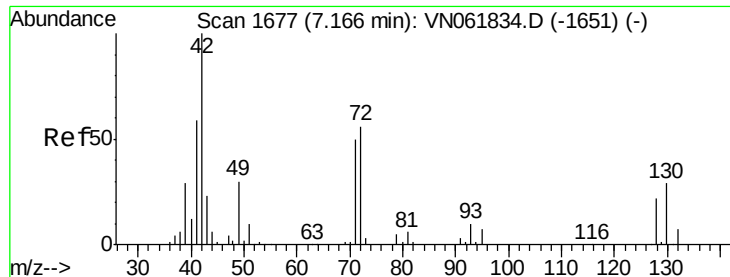


Abundance Ion 48.90 (48.60 to 49.60): VN061890.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061890.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061890.D (-1579) (-)

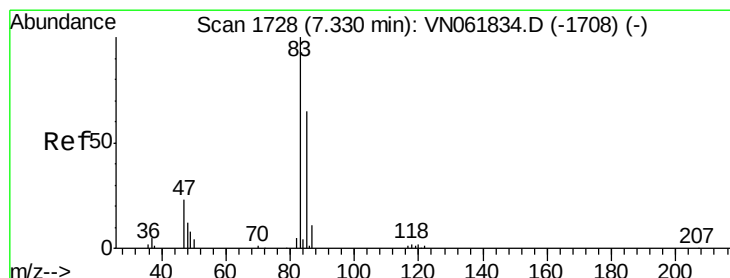
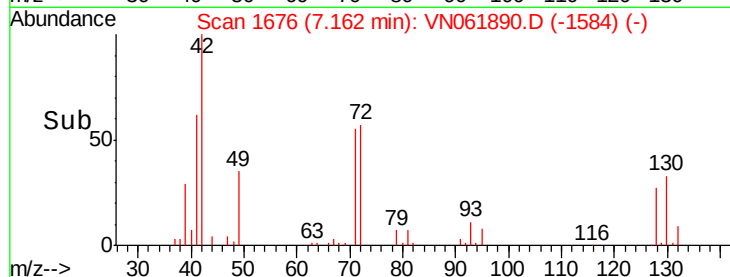
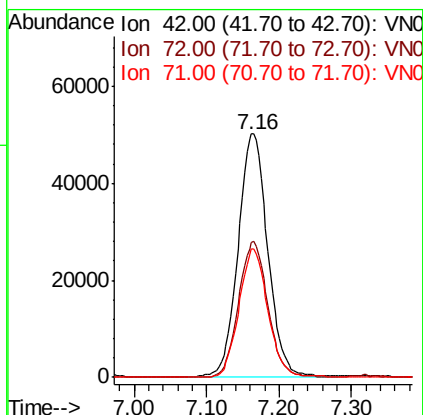
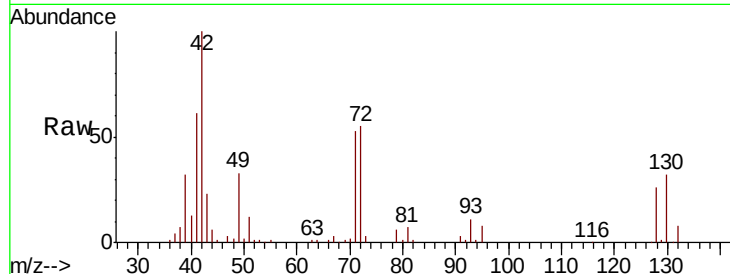




#29
Tetrahydrofuran
Concen: 244.095 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

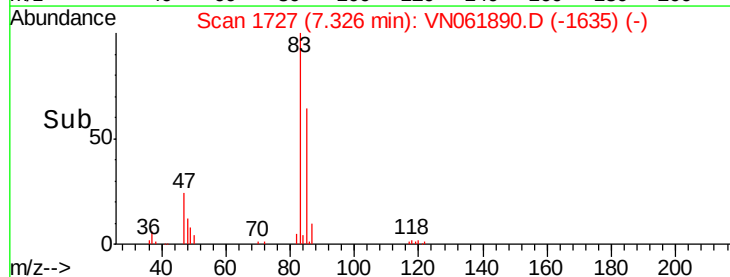
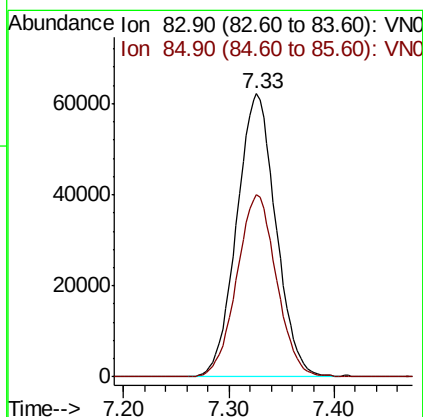
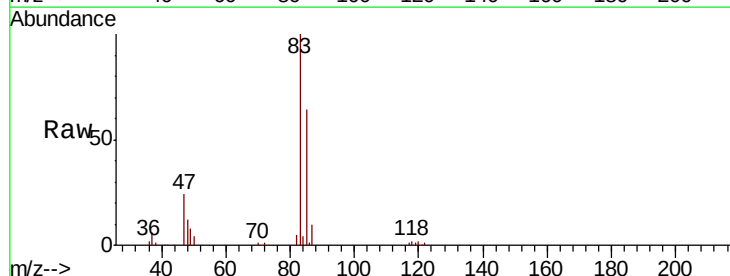
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

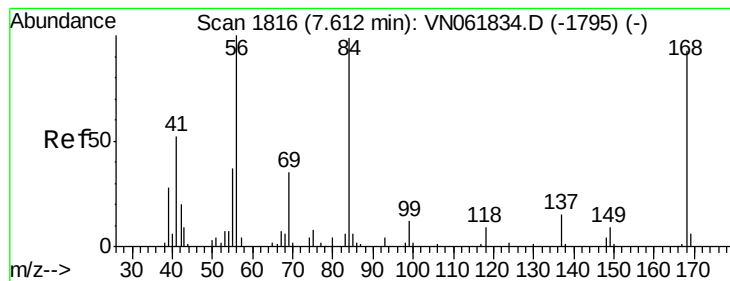
Tot Ion: 42 Resp: 143607
Ion Ratio Lower Upper
42 100
72 54.9 44.0 66.0
71 51.0 40.0 60.0



#30
Chloroform
Concen: 48.084 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 83 Resp: 160469
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0





#31

Cyclohexane

Concen: 46.537 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

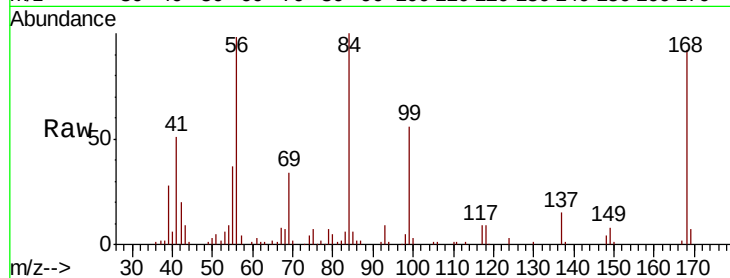
Tot Ion: 56 Resp: 127213

Ion Ratio Lower Upper

56 100

69 35.1 27.7 41.5

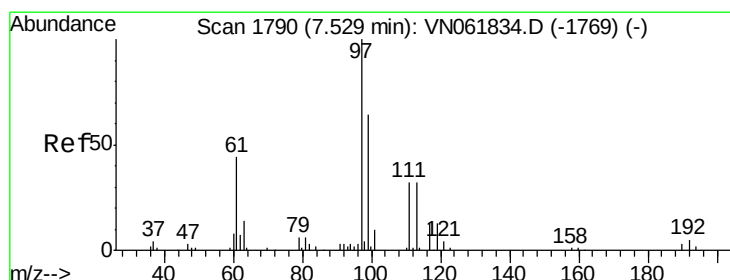
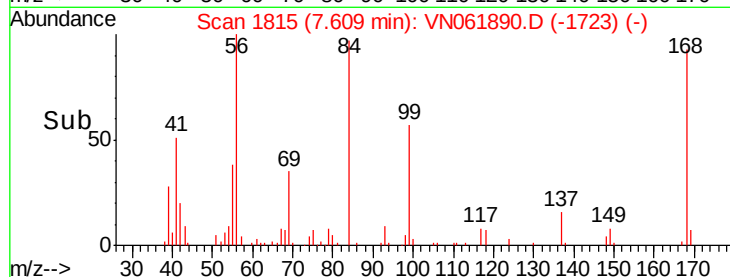
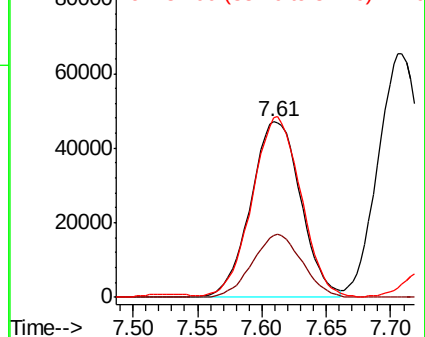
84 100.7 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061834.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 49.163 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

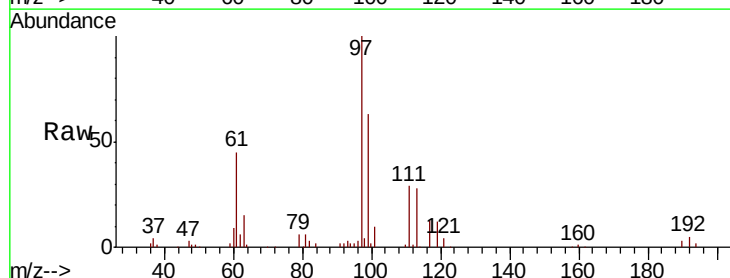
Tgt Ion: 97 Resp: 139729

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

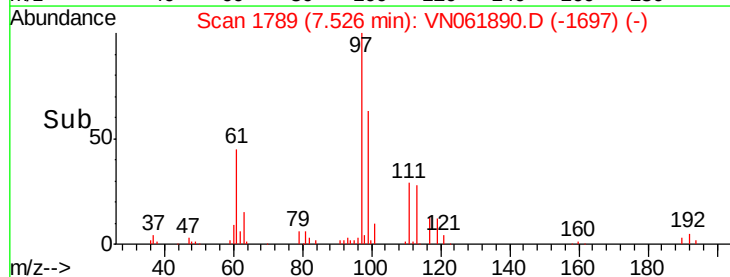
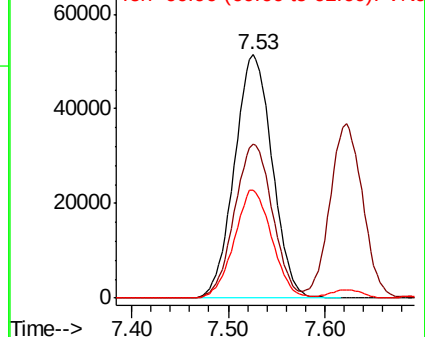
61 44.1 35.1 52.7

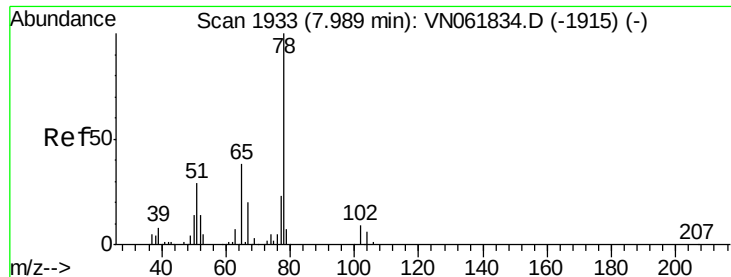


Abundance Ion 96.90 (96.60 to 97.60): VN061834.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1769) (-)

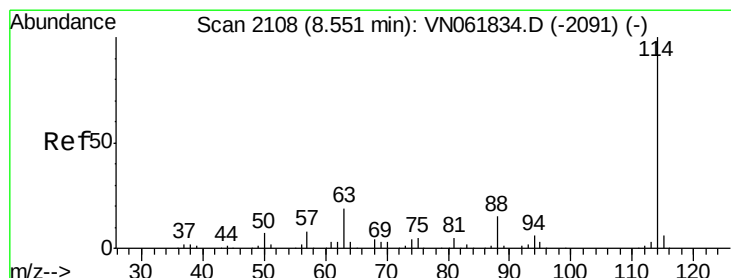
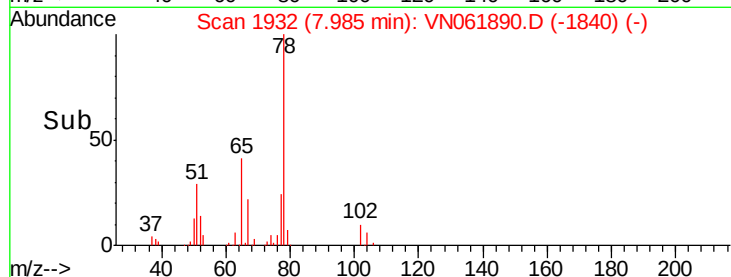
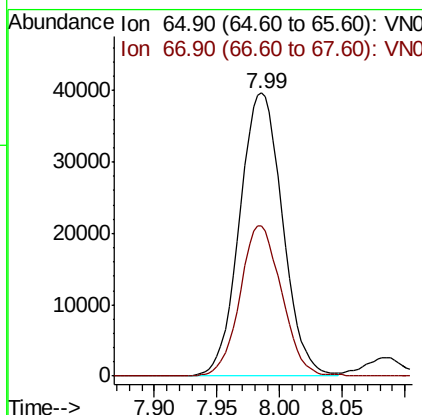
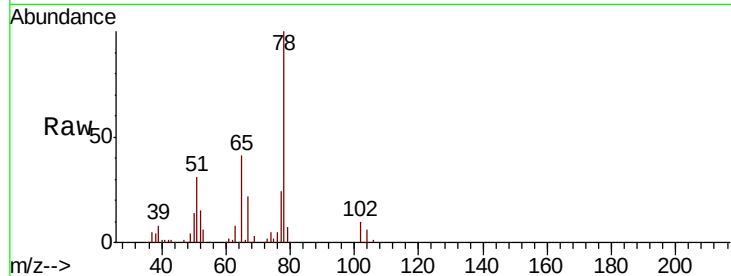




#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

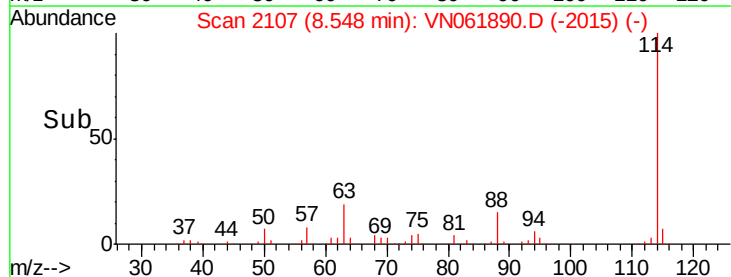
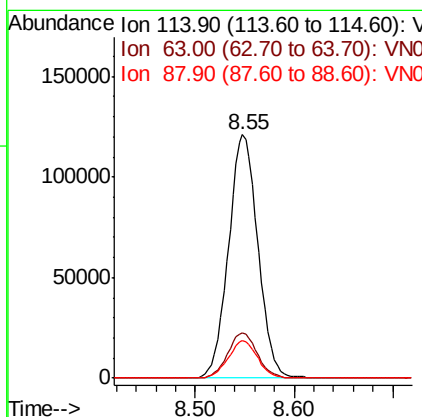
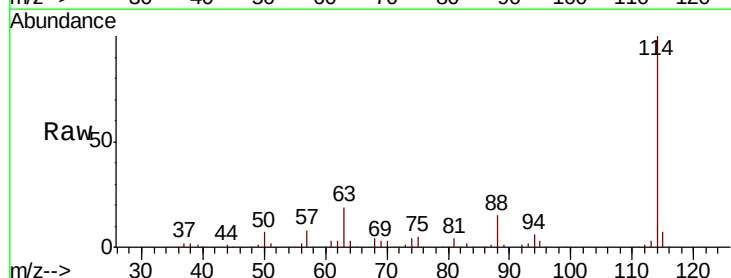
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

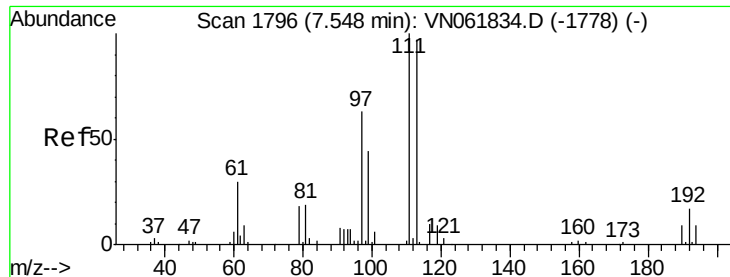
Tot Ion: 65 Resp: 94604
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 114 Resp: 251483
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.2 0.0 31.0

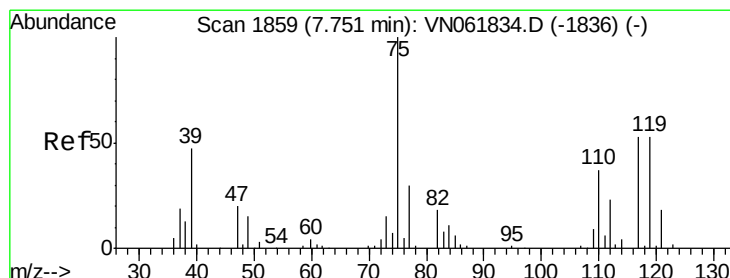
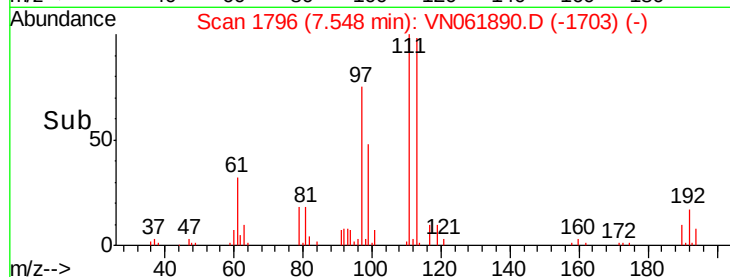
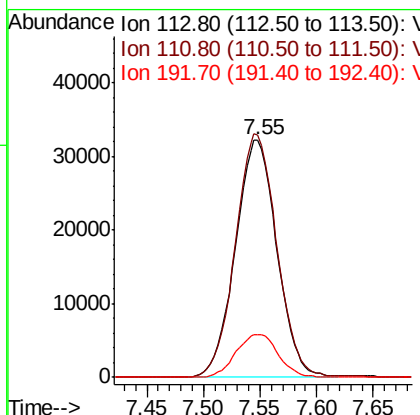
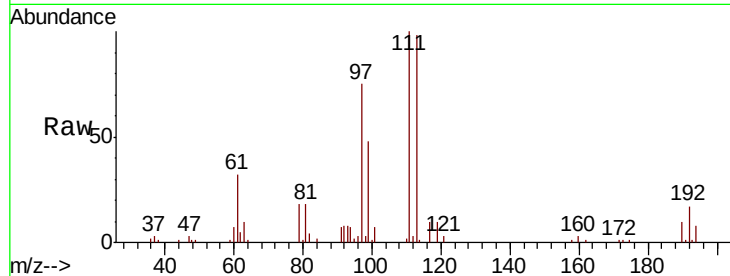




#35
 Dibromofluoromethane
 Concen: 51.098 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

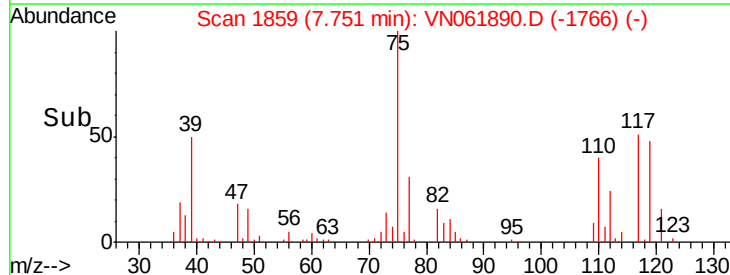
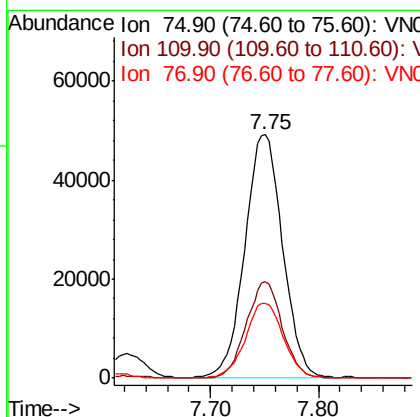
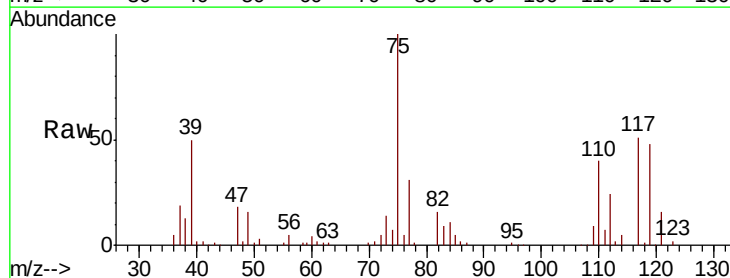
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

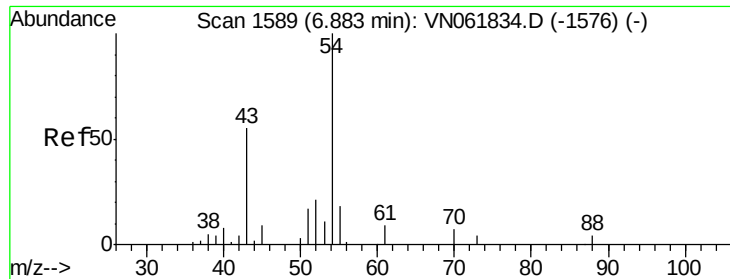
Tot Ion:113 Resp: 82209
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.7 125.5
 192 18.3 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 52.294 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 75 Resp: 119952
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.2 54.6
 77 31.1 24.2 36.4

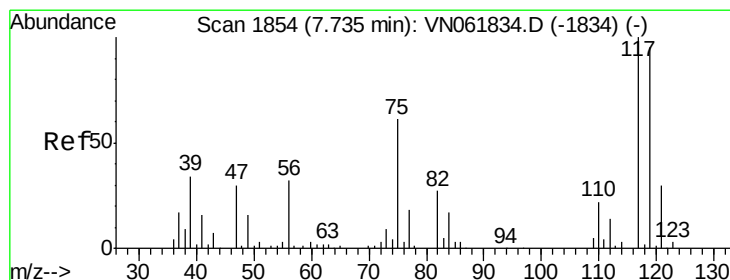
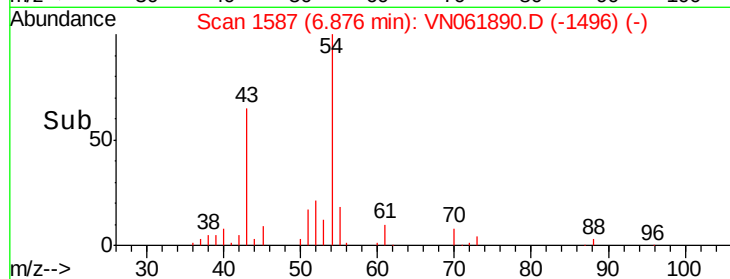
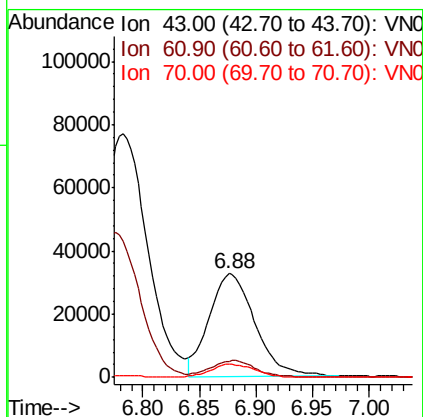
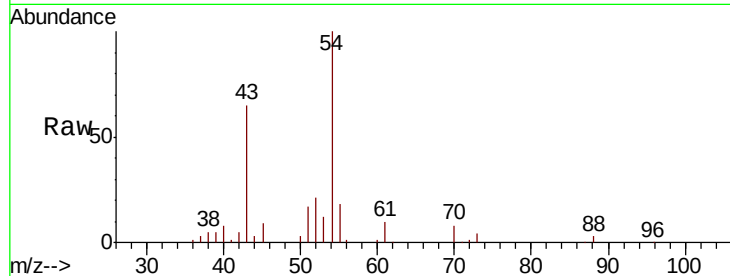




#37
Ethyl Acetate
Concen: 50.834 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

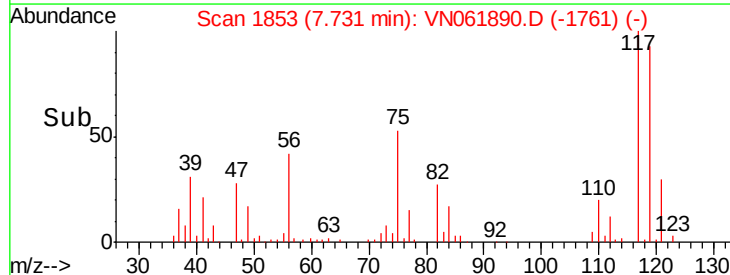
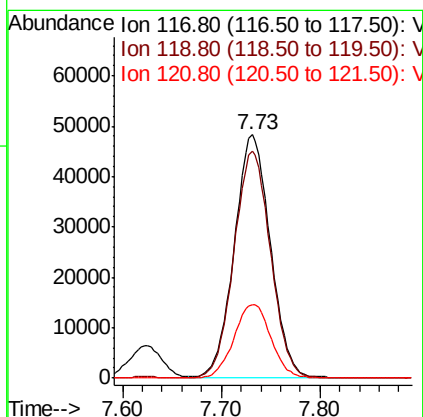
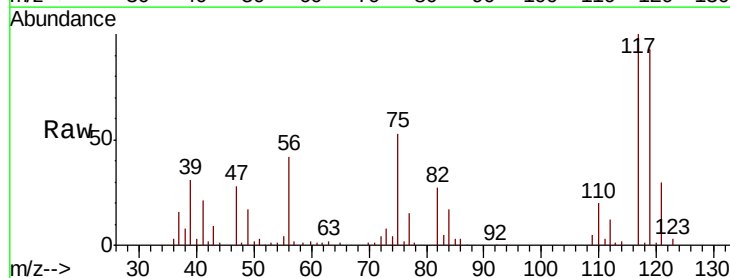
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

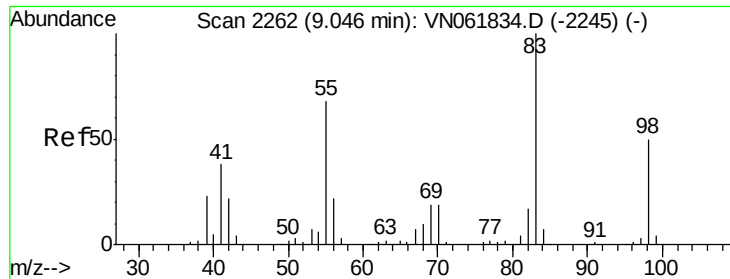
Tot Ion: 43 Resp: 91055
Ion Ratio Lower Upper
43 100
61 16.4 13.0 19.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 54.090 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 117 Resp: 122867
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 30.3 23.8 35.6

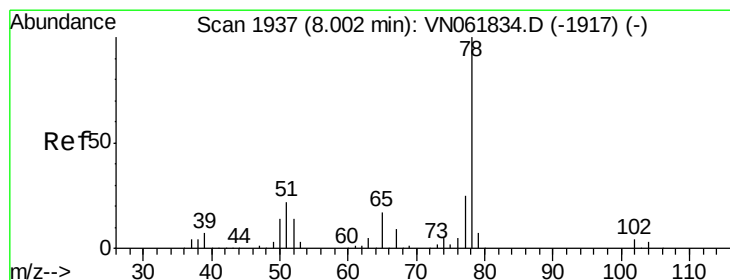
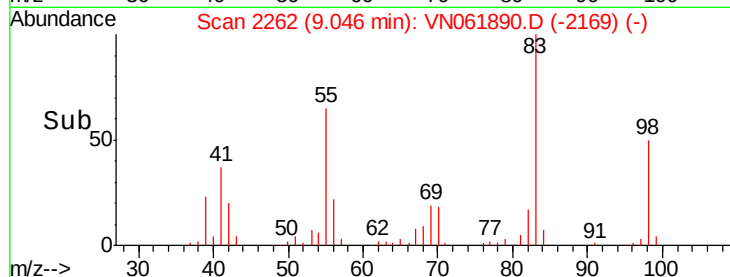
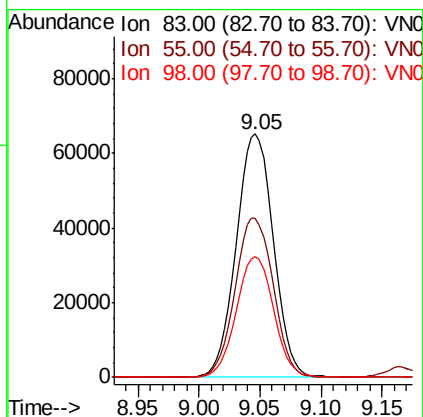
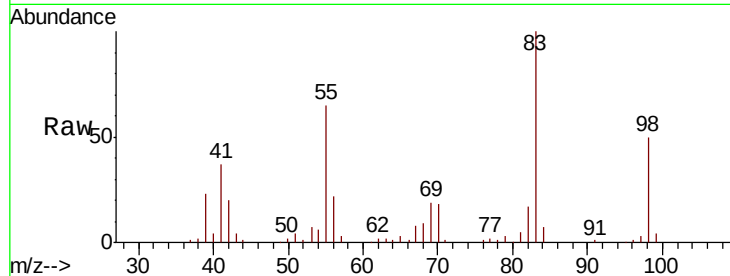




#39
Methylvlcyclohexane
Concen: 55.586 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

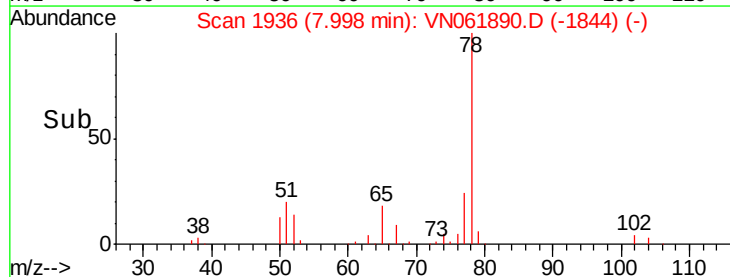
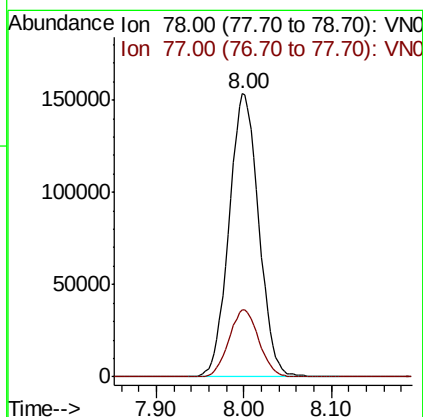
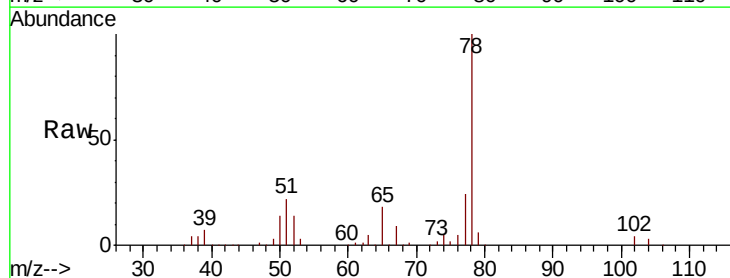
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

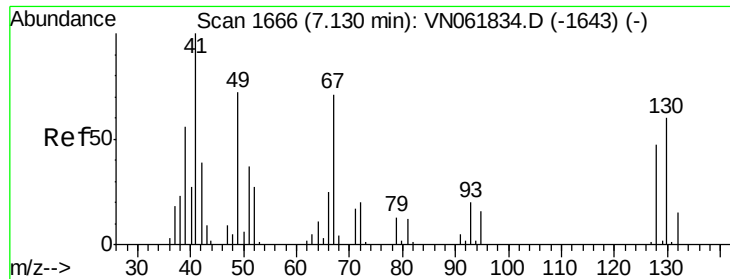
Tot Ion: 83 Resp: 137293
Ion Ratio Lower Upper
83 100
55 65.3 54.2 81.4
98 49.8 39.8 59.6



#40
Benzene
Concen: 52.135 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 78 Resp: 362254
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5





#41

Methacrylonitrile

Concen: 50.879 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 38971

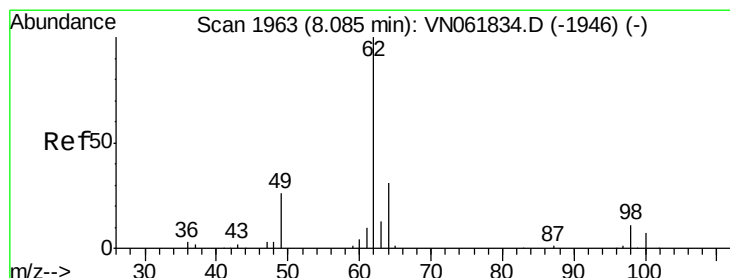
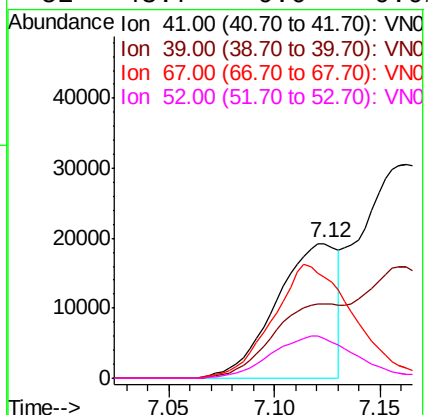
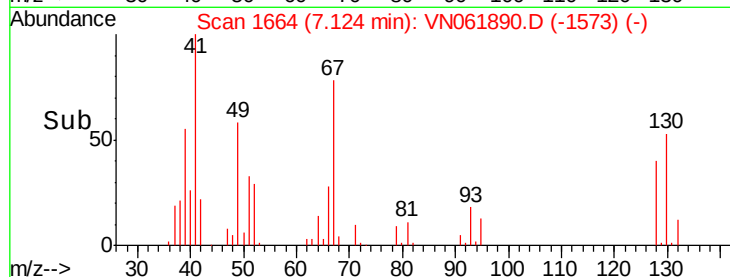
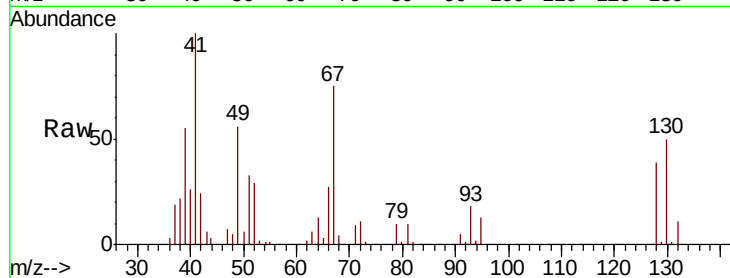
Ion Ratio Lower Upper

41 100

39 63.4 0.0 0.0#

67 111.1 0.0 0.0#

52 43.7 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 52.120 ug/l

RT: 8.08 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VN061890.D

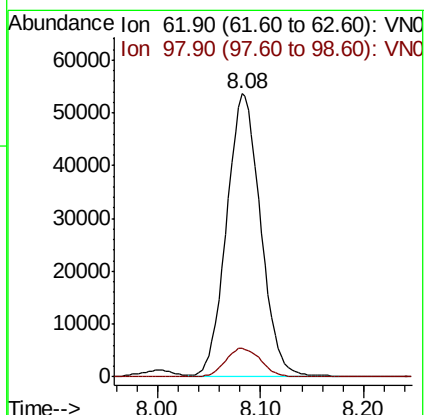
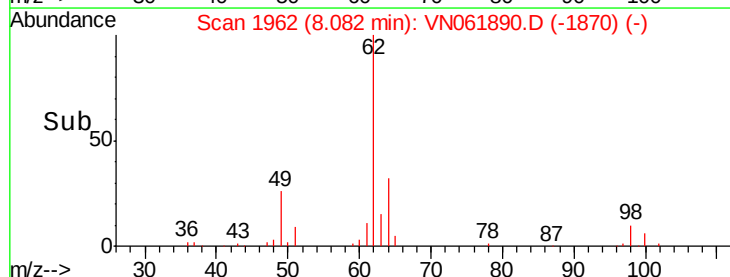
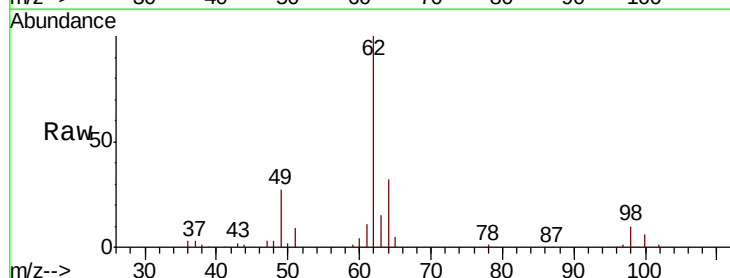
Acq: 18 Jun 2020 10:33

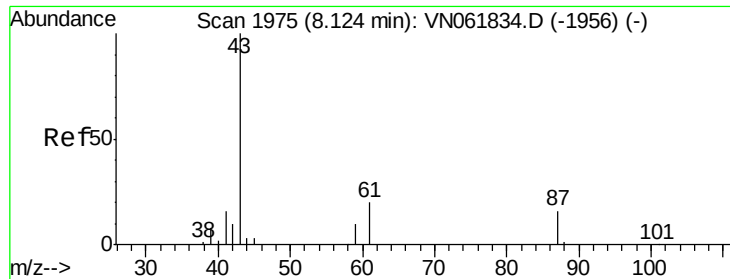
Tgt Ion: 62 Resp: 123484

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 51.734 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

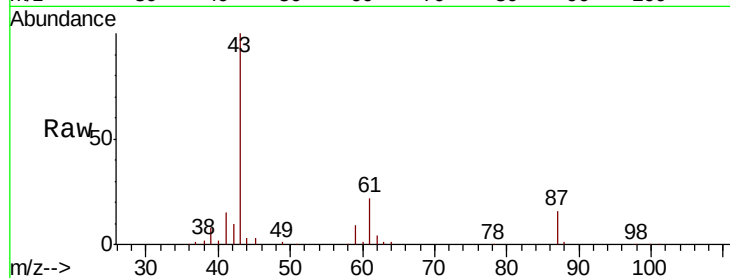
Tot Ion: 43 Resp: 156168

Ion Ratio Lower Upper

43 100

61 31.5 24.0 36.0

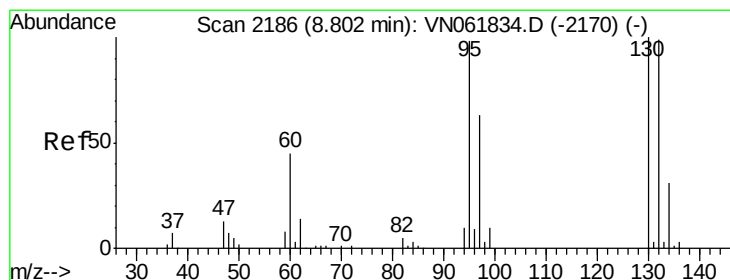
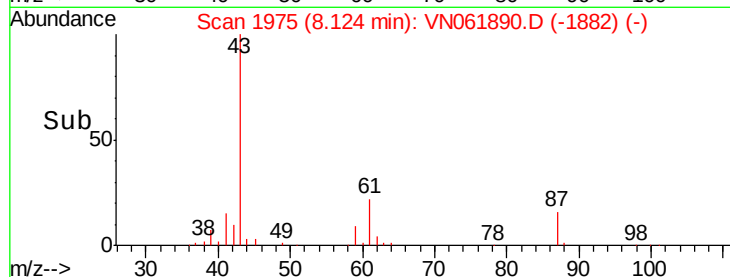
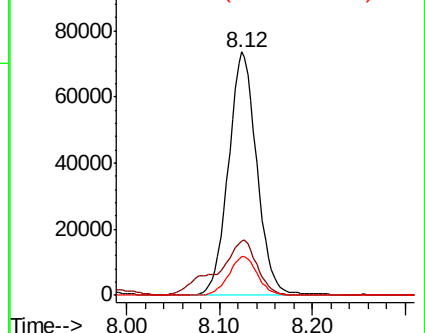
87 16.1 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061890.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN061890.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN061890.D (-1882) (-)



#44

Trichloroethene

Concen: 53.502 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061890.D

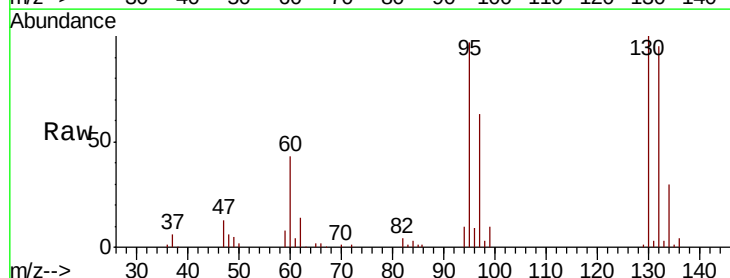
Acq: 18 Jun 2020 10:33

Tgt Ion:130 Resp: 97837

Ion Ratio Lower Upper

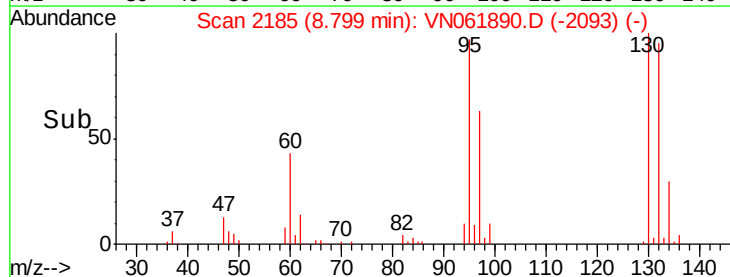
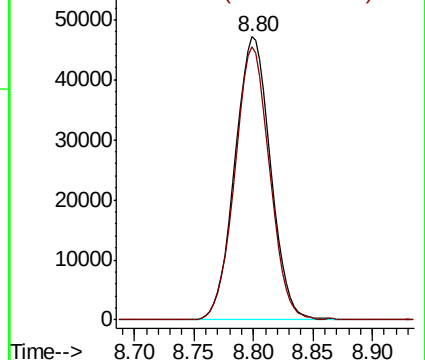
130 100

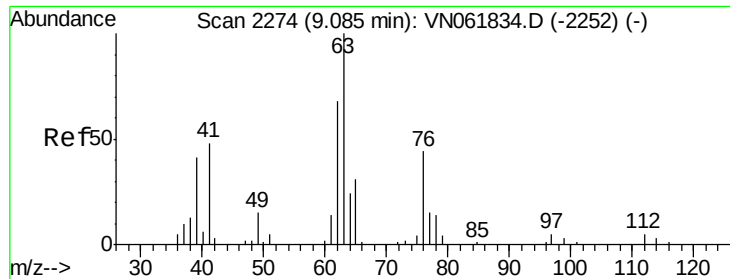
95 96.6 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061890.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061890.D (-2093) (-)

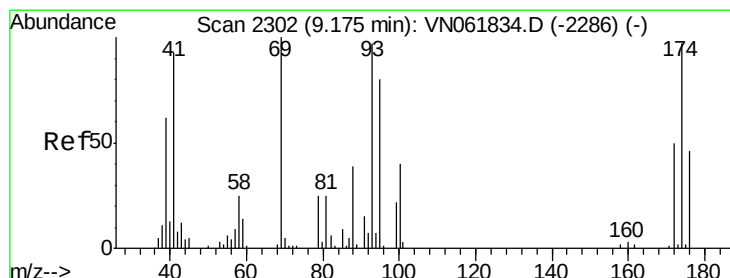
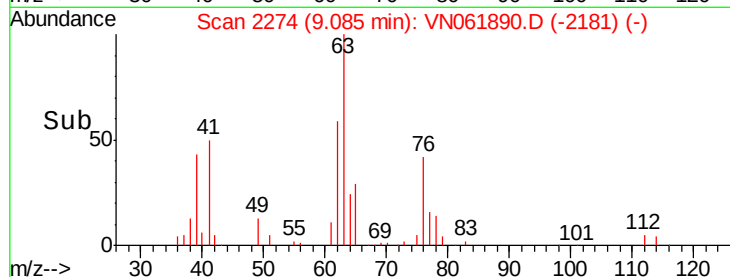
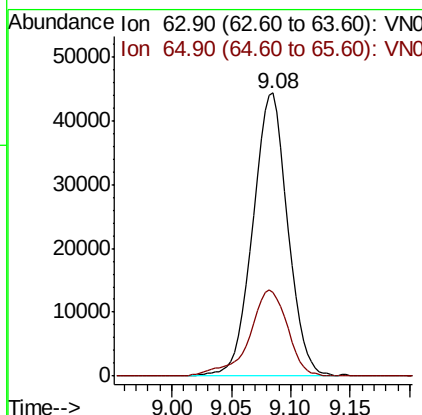
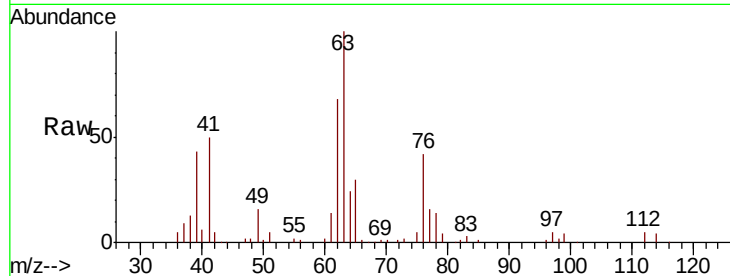




#45
 1,2-Dichloropropane
 Concen: 52.729 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

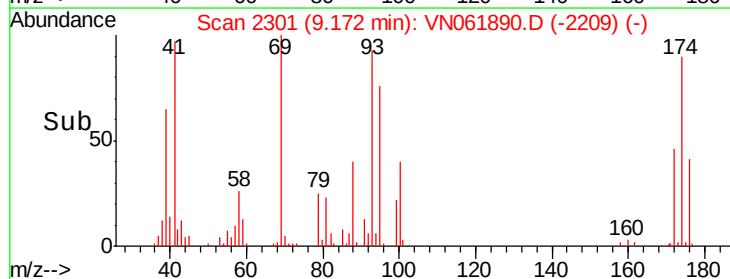
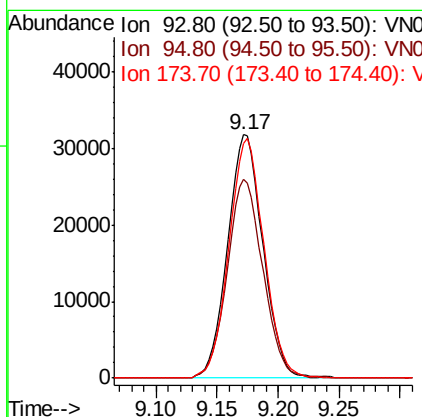
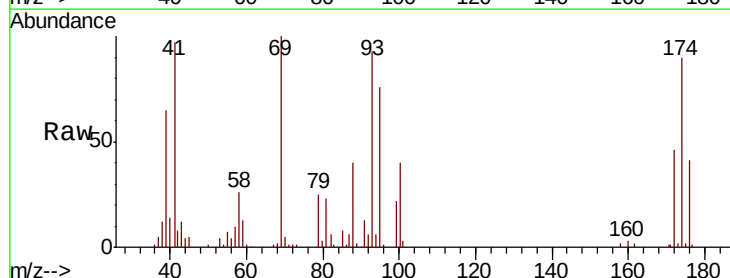
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

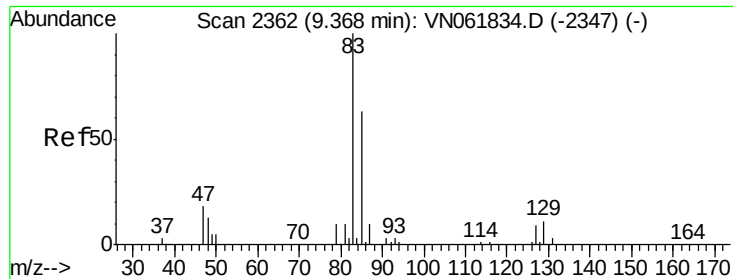
Tot Ion: 63 Resp: 90039
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.1 37.7



#46
 Dibromomethane
 Concen: 53.438 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 93 Resp: 64257
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.6
 174 97.2 78.5 117.7





#47

Bromodichloromethane

Concen: 53.003 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

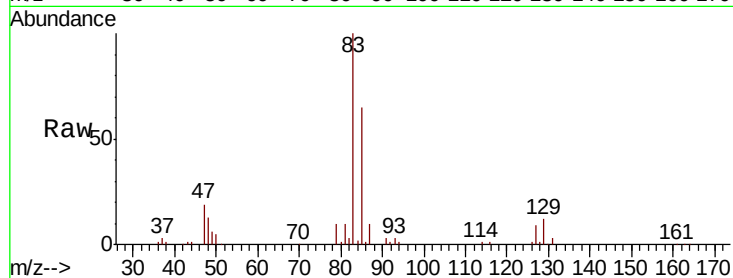
Tot Ion: 83 Resp: 130505

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

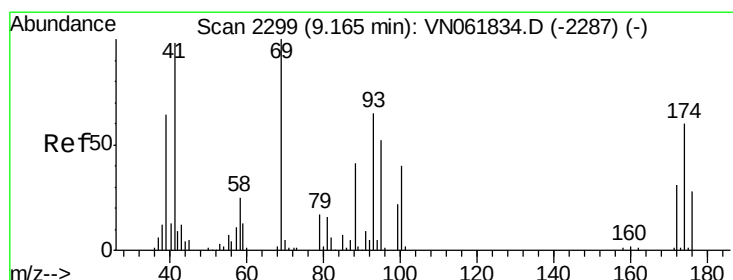
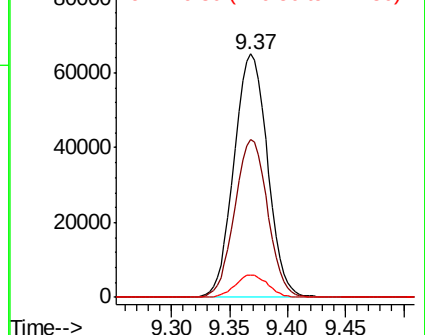
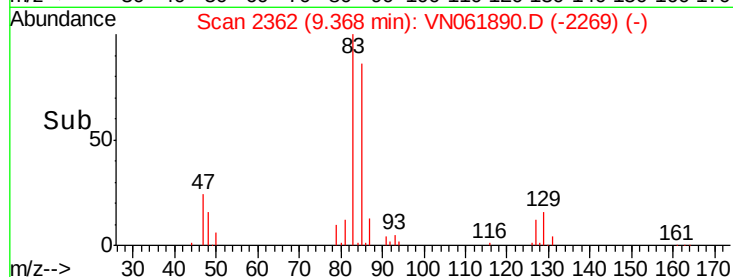
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061890.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061890.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061890.D (-2269) (-)



#48

Methyl methacrylate

Concen: 51.581 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

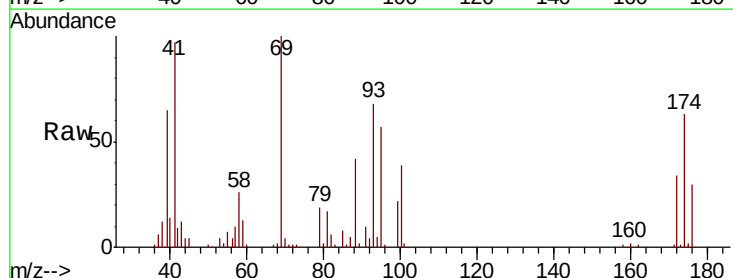
Tgt Ion: 41 Resp: 70809

Ion Ratio Lower Upper

41 100

69 103.7 83.0 124.4

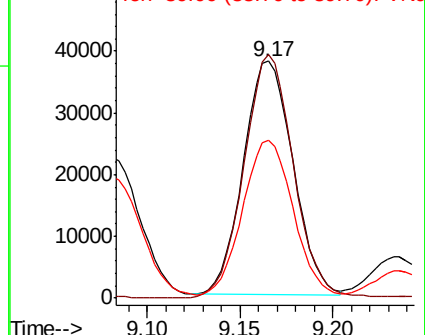
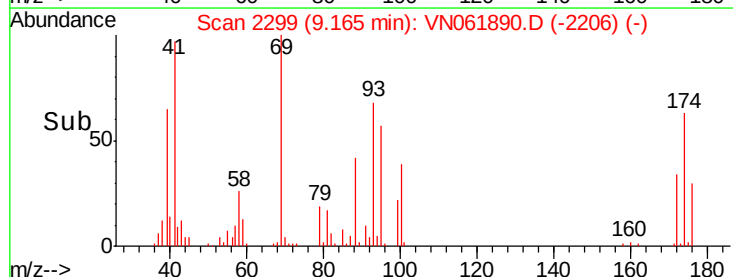
39 68.8 55.1 82.7

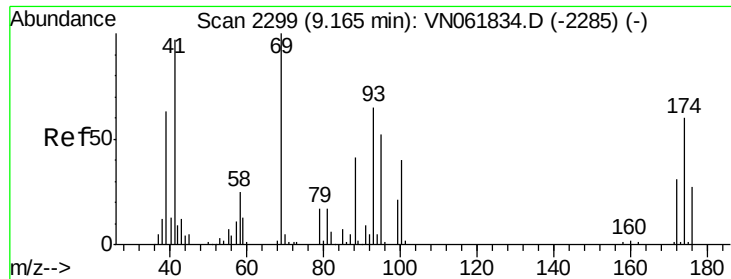


Abundance Ion 41.00 (40.70 to 41.70): VN061890.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061890.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061890.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1058.783 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

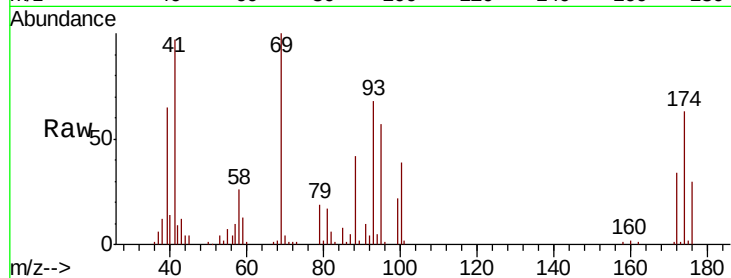
Tot Ion: 88 Resp: 33370

Ion Ratio Lower Upper

88 100

43 28.4 23.4 35.2

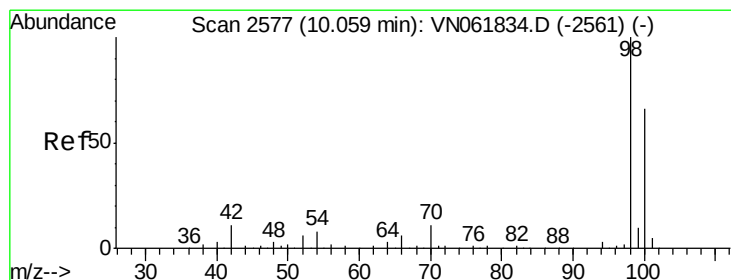
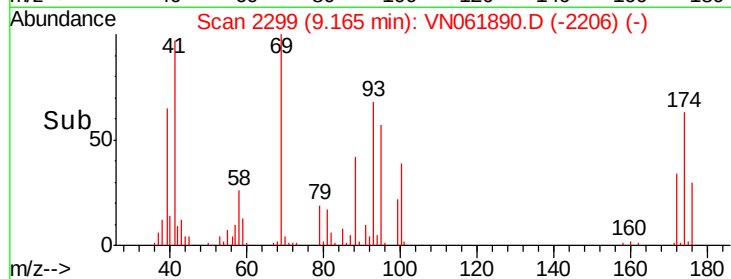
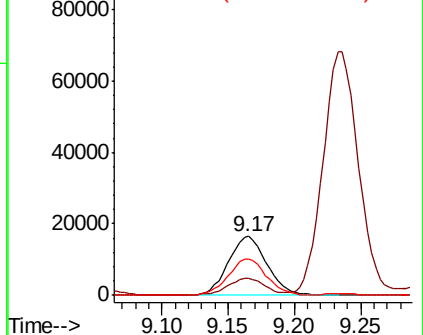
58 61.1 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061890.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061890.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061890.D (-2206) (-)



#50

Toluene-d8

Concen: 49.764 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061890.D

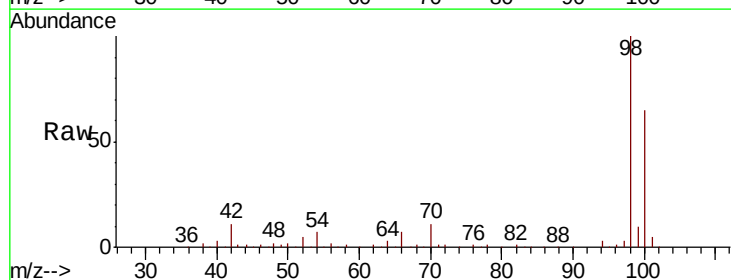
Acq: 18 Jun 2020 10:33

Tgt Ion: 98 Resp: 314763

Ion Ratio Lower Upper

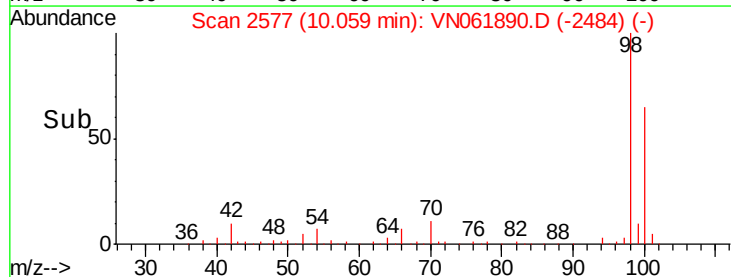
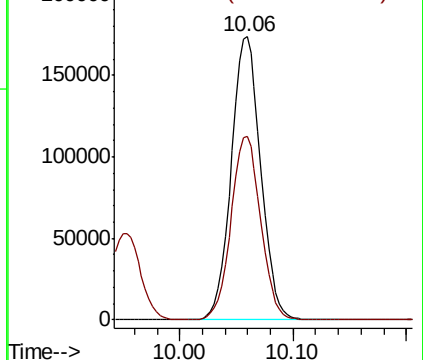
98 100

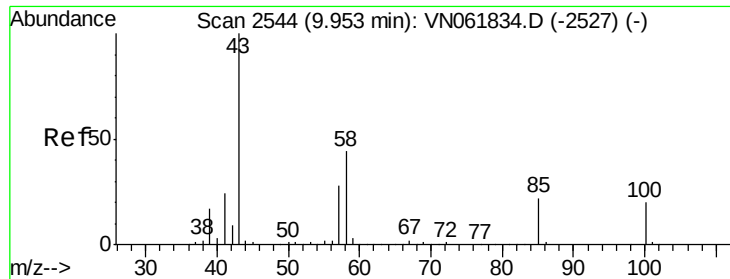
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061890.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061890.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 263.303 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

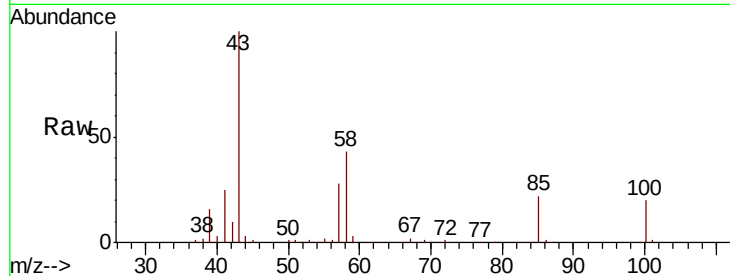
VSTDCCC050

Tot Ion: 43 Resp: 469688

Ion Ratio Lower Upper

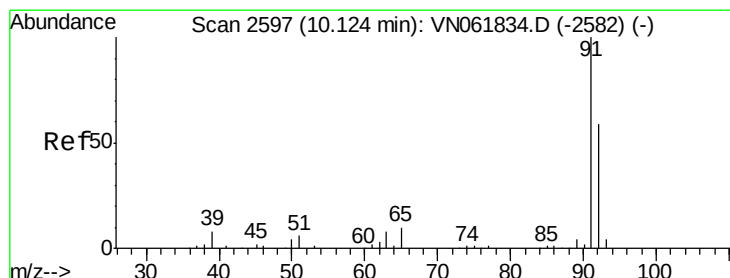
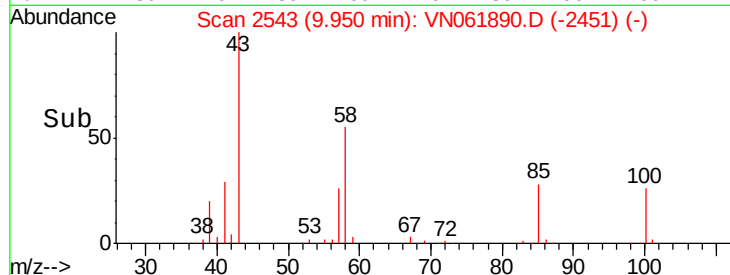
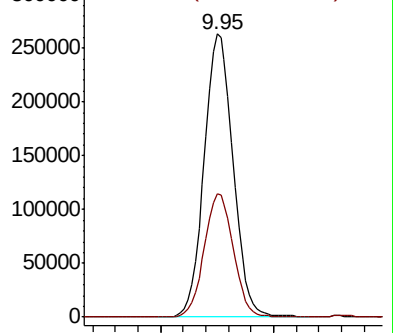
43 100

58 43.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 54.777 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061890.D

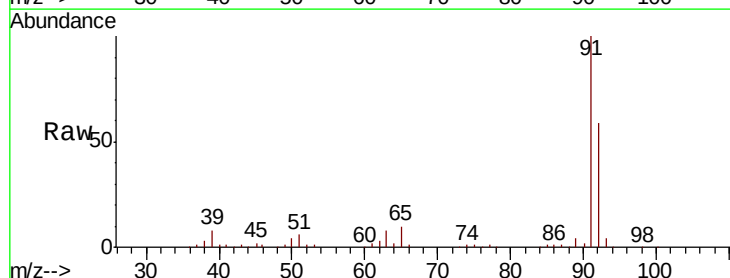
Acq: 18 Jun 2020 10:33

Tgt Ion: 92 Resp: 239039

Ion Ratio Lower Upper

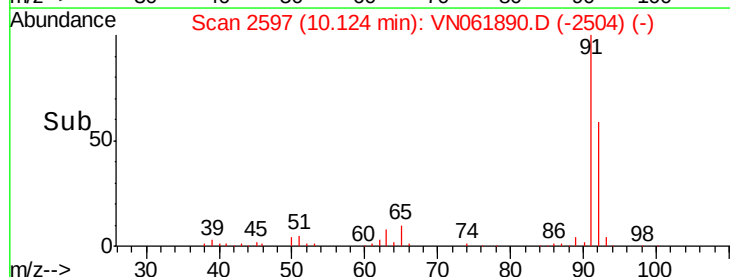
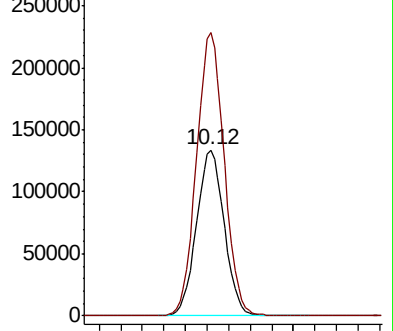
92 100

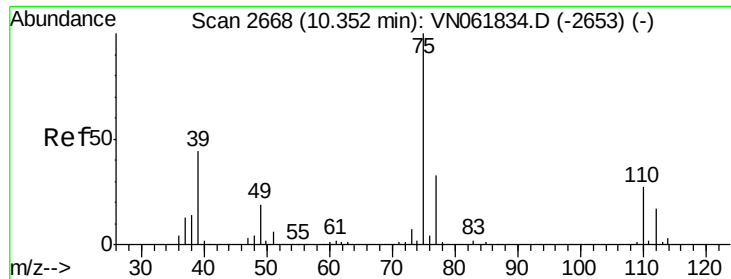
91 170.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.697 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

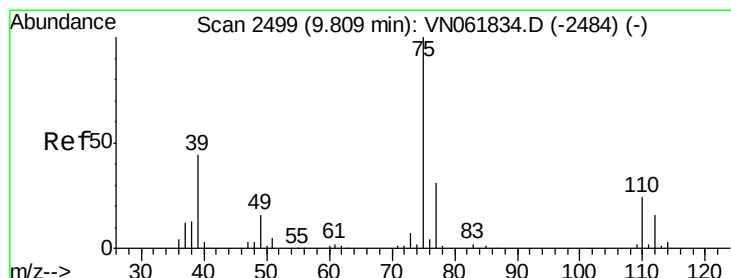
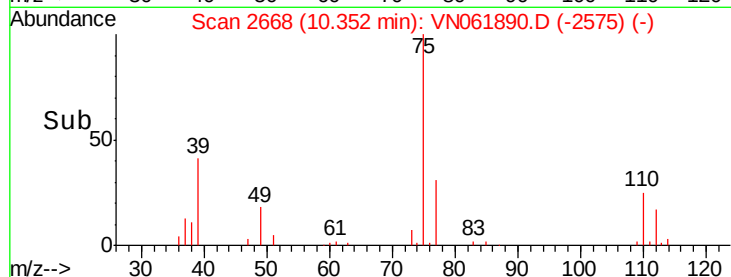
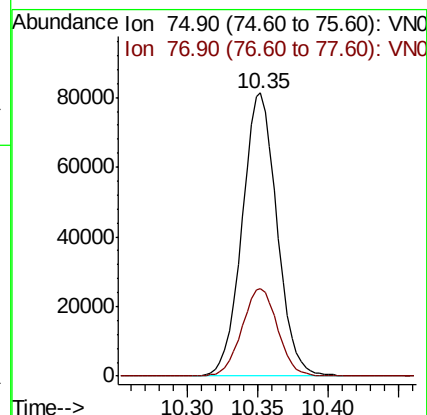
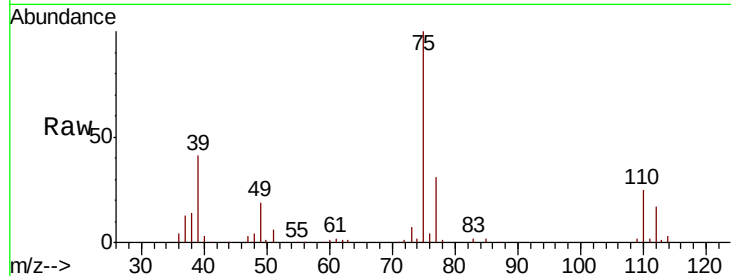
VSTDCCC050

Tot Ion: 75 Resp: 140357

Ion Ratio Lower Upper

75 100

77 31.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 53.210 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

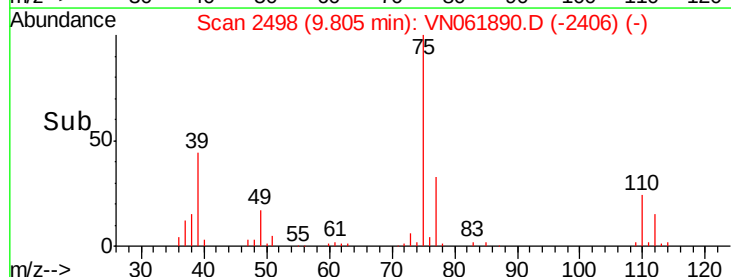
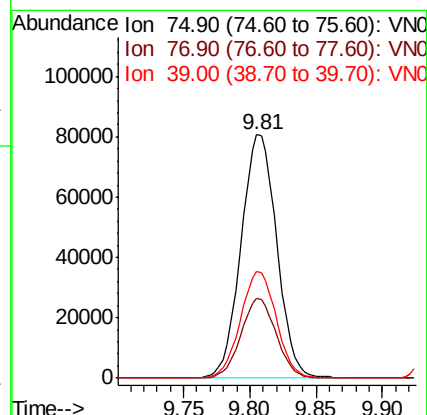
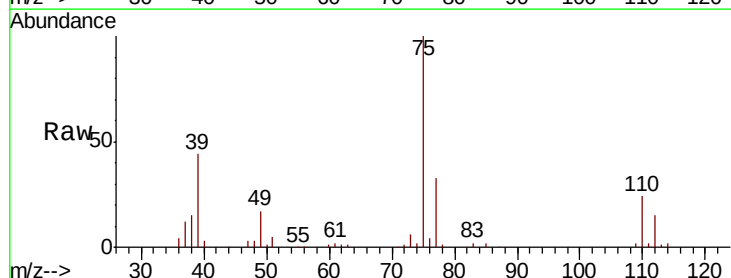
Tgt Ion: 75 Resp: 151066

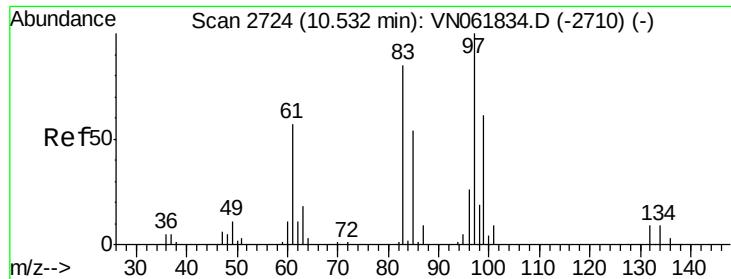
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 43.7 35.4 53.0

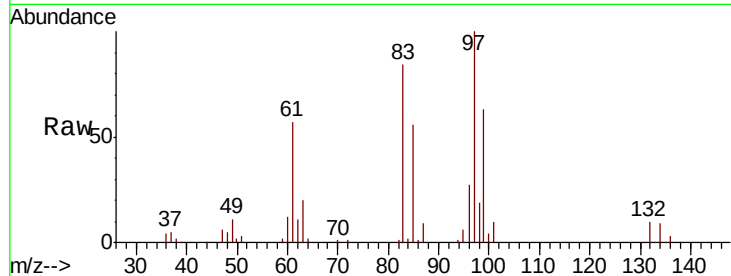




#55
1,1,2-Trichloroethane
Concen: 54.223 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	93099
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.7	101.5
85	55.6	43.4	65.0
99	63.3	48.8	73.2



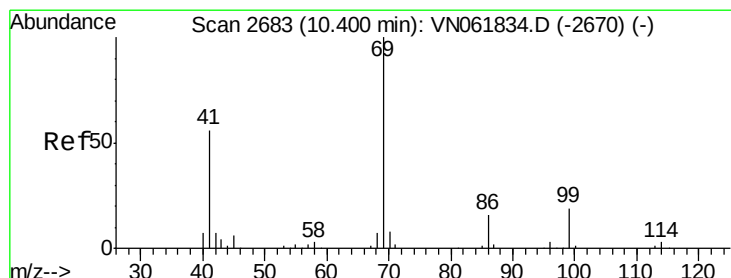
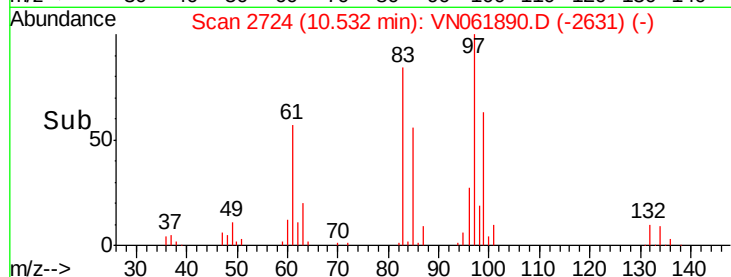
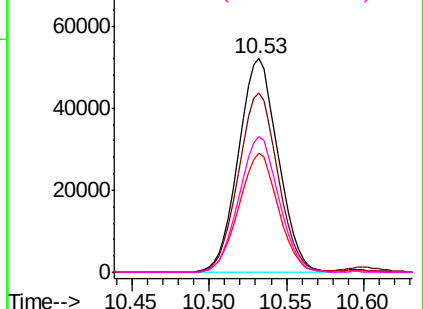
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

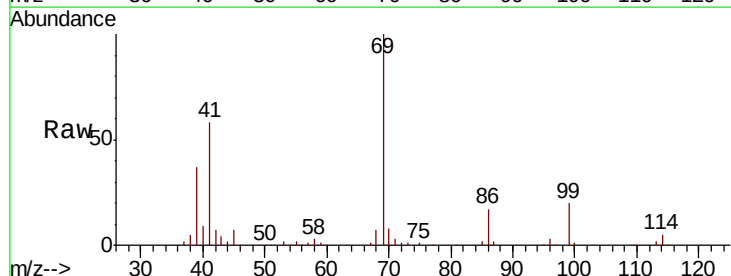
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
Ethyl methacrylate
Concen: 48.118 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:	69	Resp:	125889
Ion	Ratio	Lower	Upper
69	100		
41	57.5	44.9	67.3
39	37.5	30.0	45.0

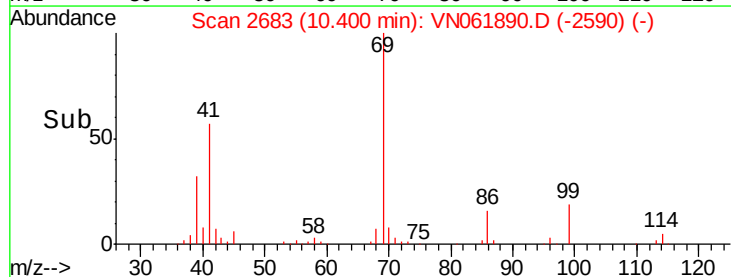
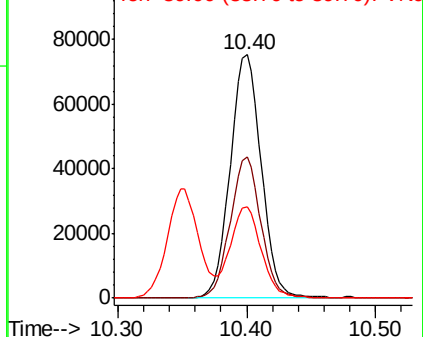


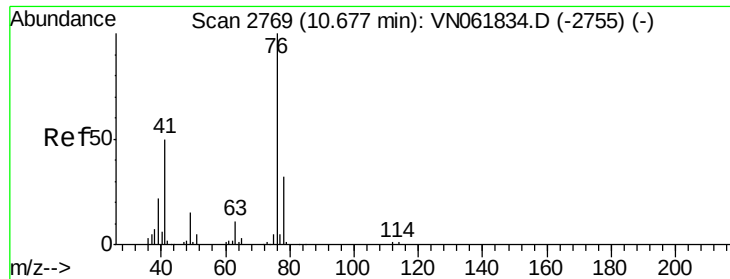
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

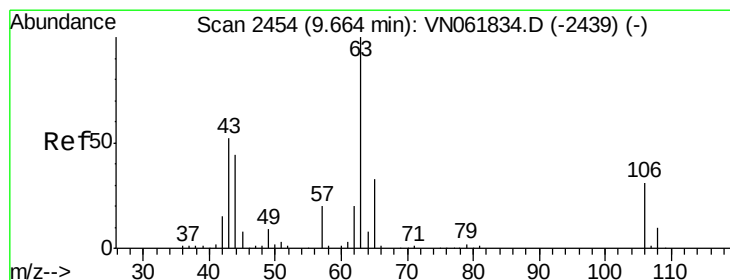
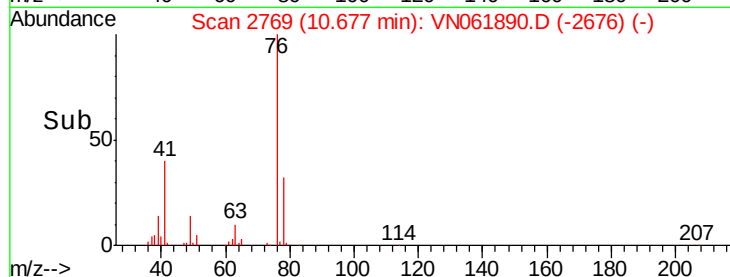
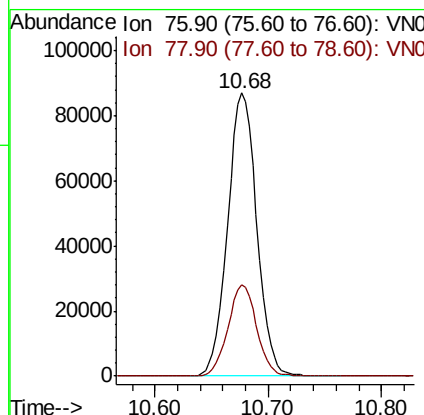
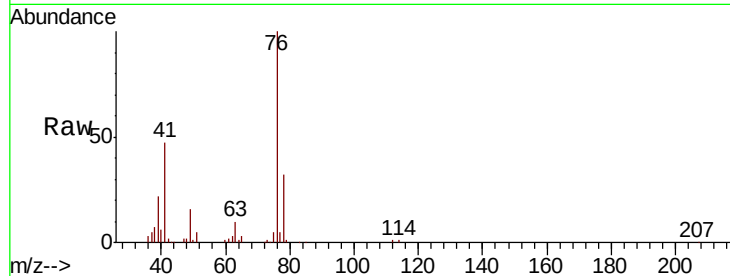




#57
 1,3-Dichloropropane
 Concen: 53.562 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

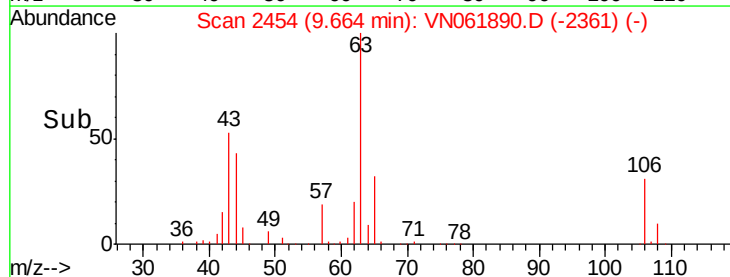
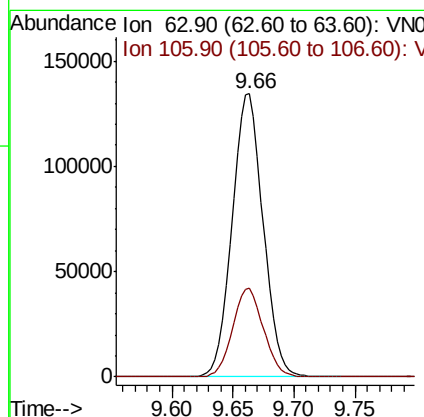
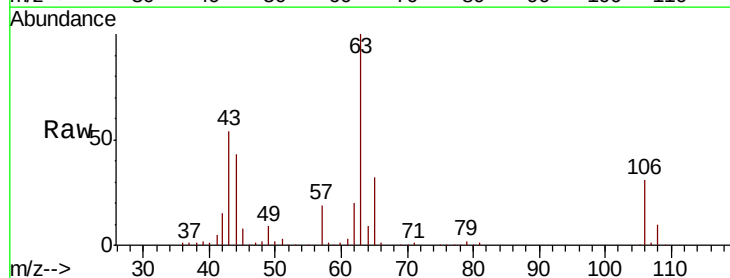
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

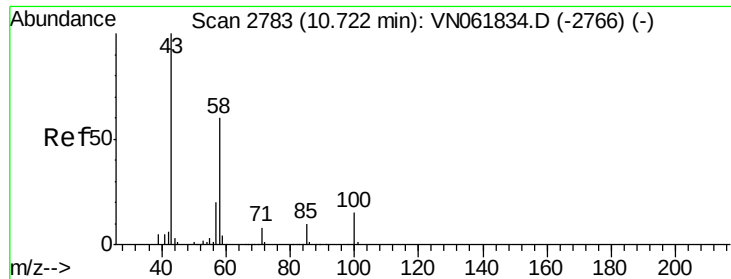
Tot Ion: 76 Resp: 155799
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.657 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 63 Resp: 238006
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.6 36.8

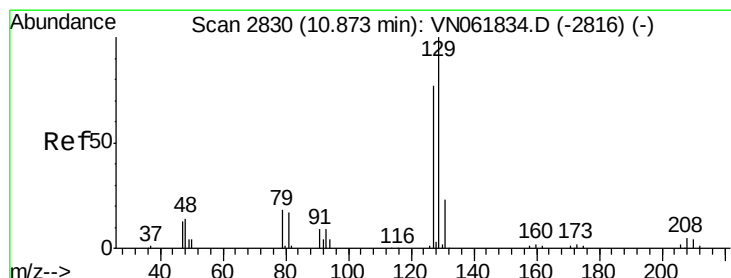
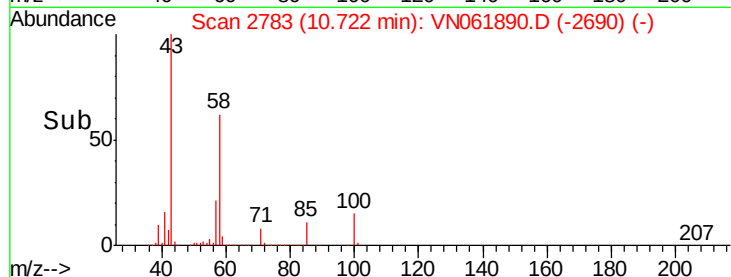
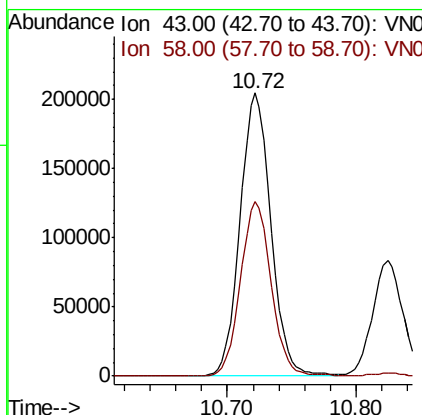
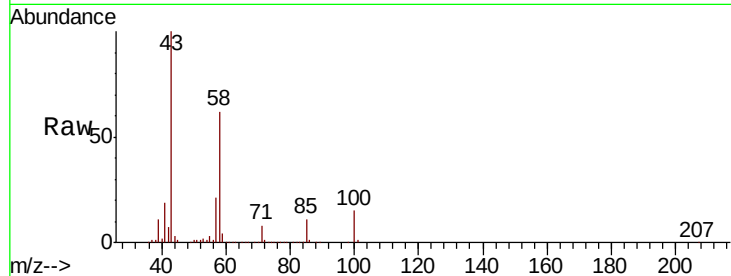




#59
2-Hexanone
Concen: 239.720 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

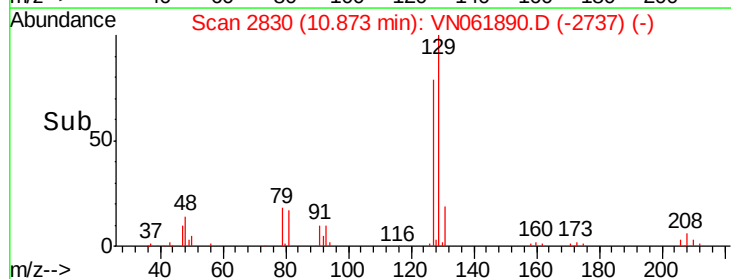
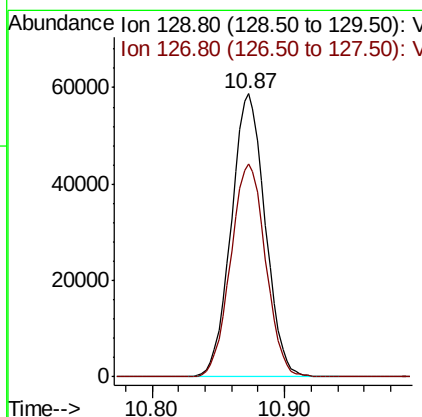
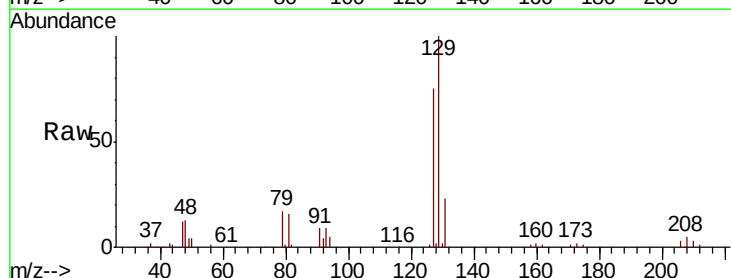
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

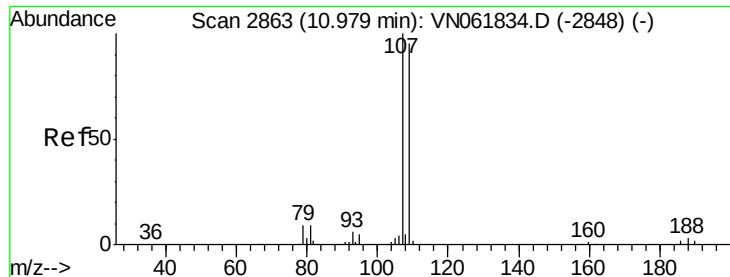
Tot Ion: 43 Resp: 340801
Ion Ratio Lower Upper
43 100
58 61.3 30.1 90.5



#60
Dibromochloromethane
Concen: 54.427 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 129 Resp: 104274
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

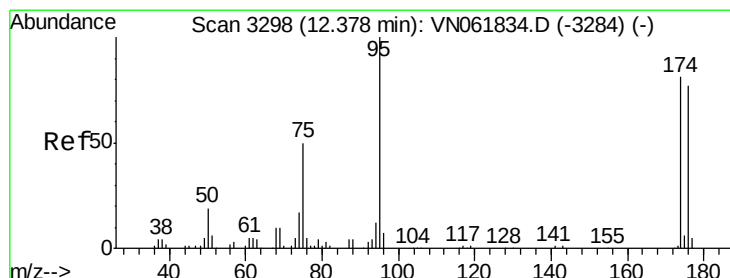
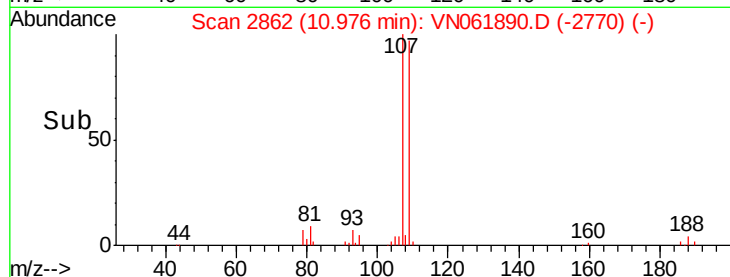
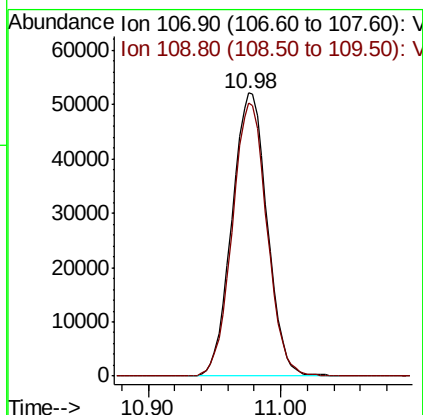
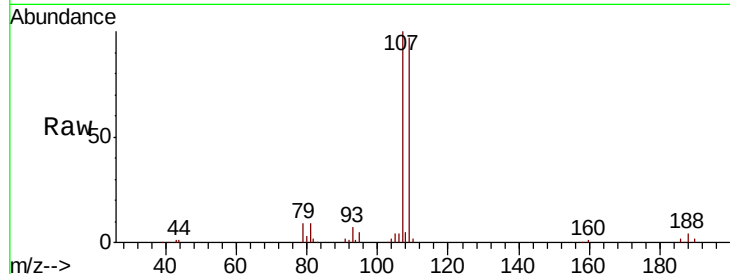




#61
 1,2-Dibromoethane
 Concen: 53.652 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

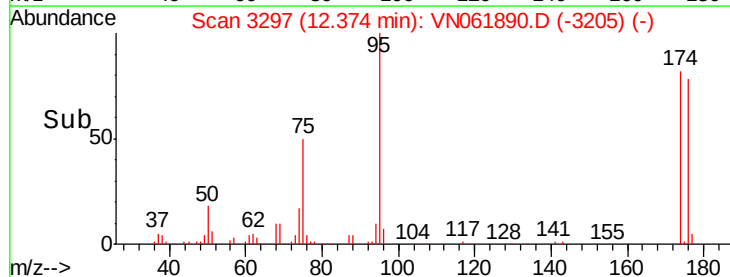
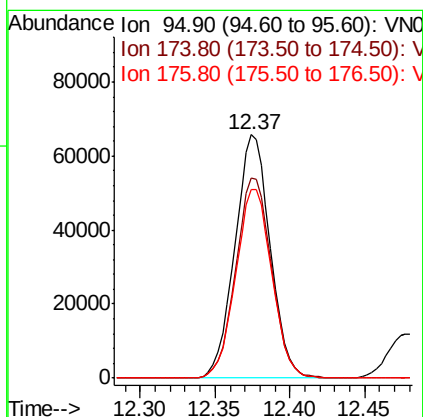
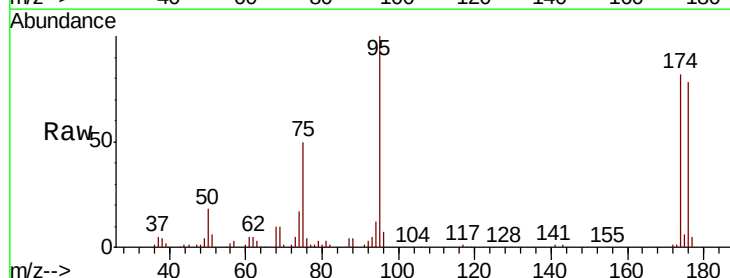
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

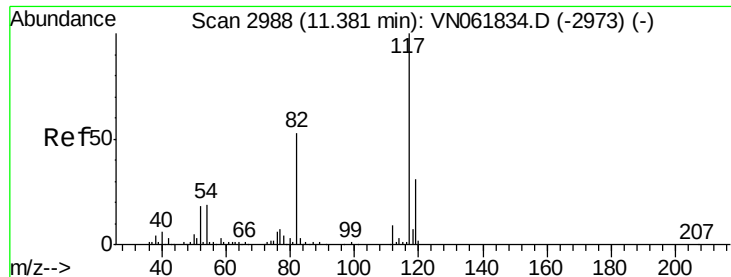
Tot Ion: 107 Resp: 96190
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.559 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 95 Resp: 107524
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 158.6
 176 79.7 0.0 152.0

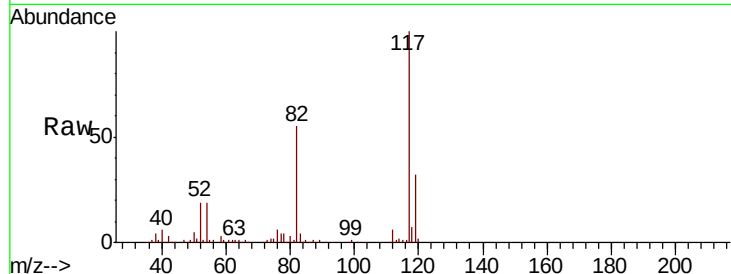




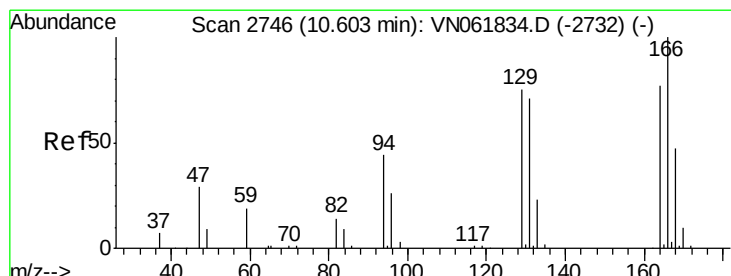
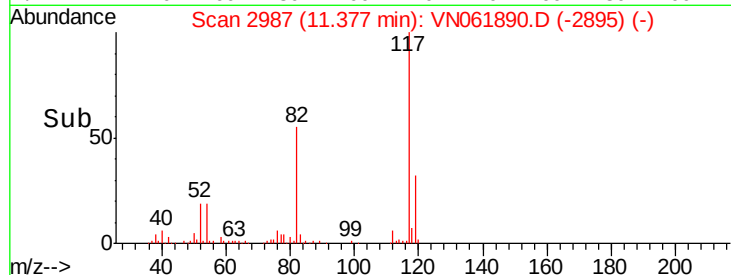
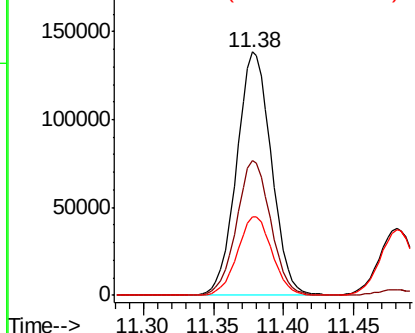
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 239093
Ion Ratio Lower Upper
117 100
82 55.5 42.6 64.0
119 32.3 24.7 37.1

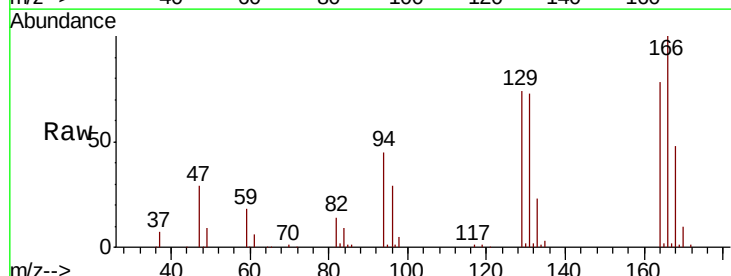


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

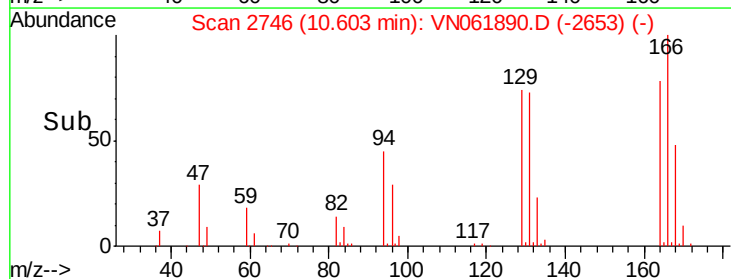
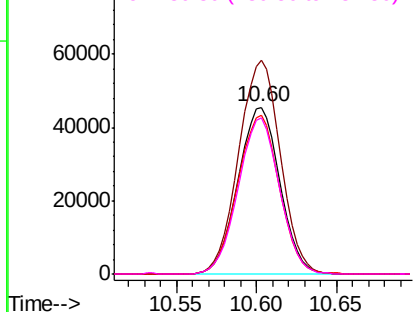


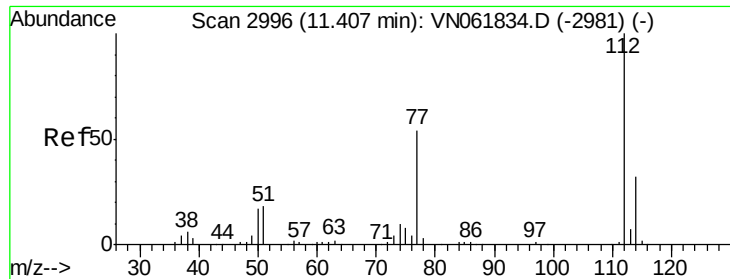
#64
Tetrachloroethene
Concen: 53.271 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:164 Resp: 81179
Ion Ratio Lower Upper
164 100
166 128.0 103.5 155.3
129 95.3 77.5 116.3
131 93.4 73.8 110.8



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

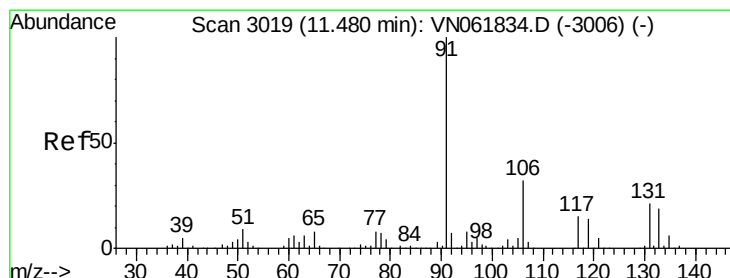
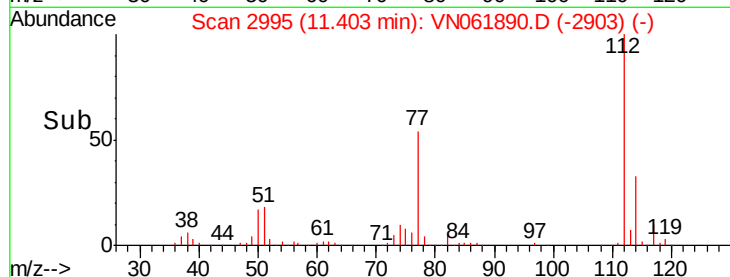
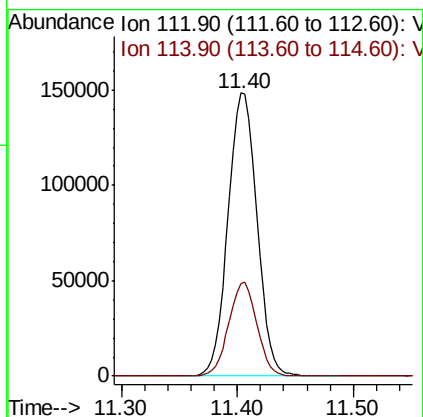
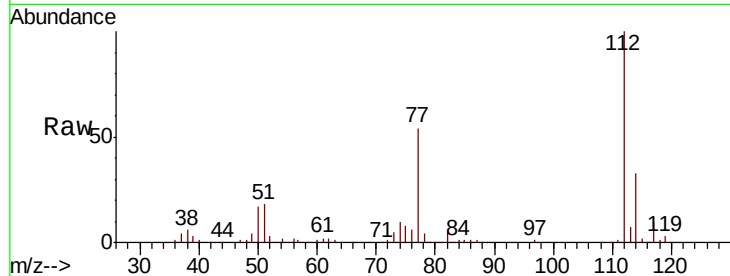




#65
Chlorobenzene
Concen: 50.990 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

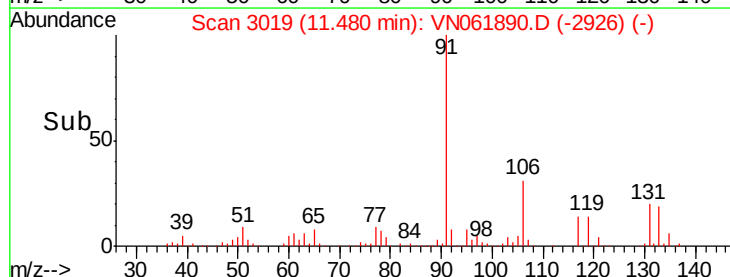
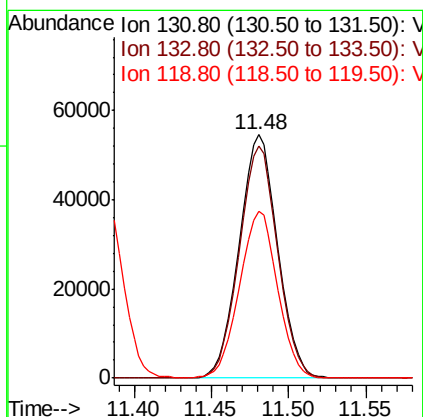
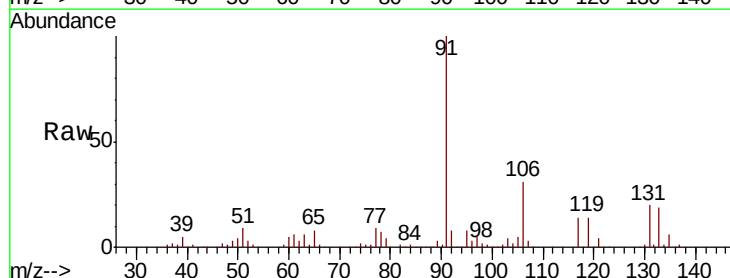
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

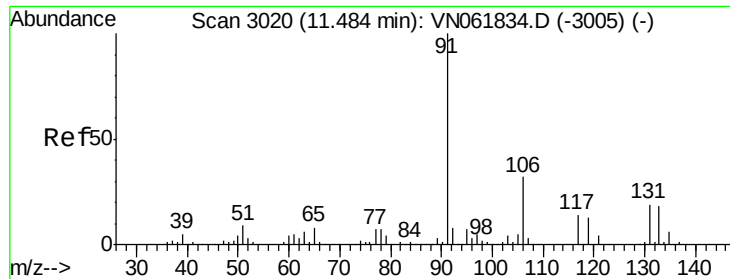
Tot Ion:112 Resp: 257250
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.557 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:131 Resp: 94235
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 68.0 34.0 101.8

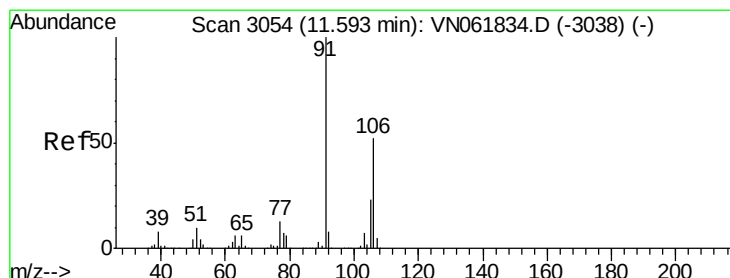
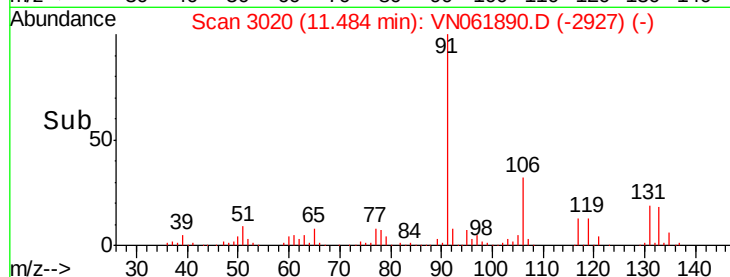
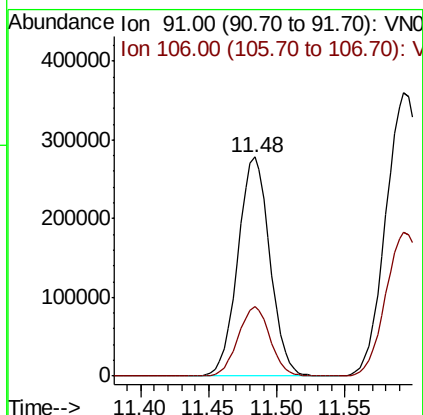
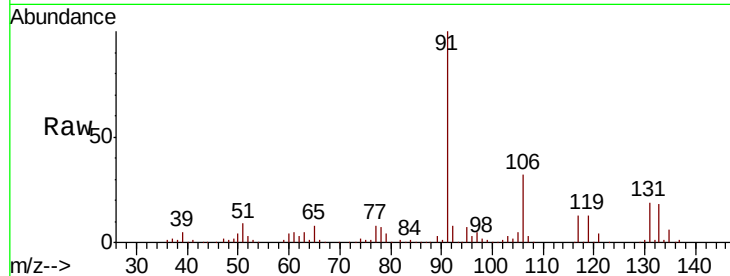




#67
Ethyl Benzene
Concen: 53.647 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

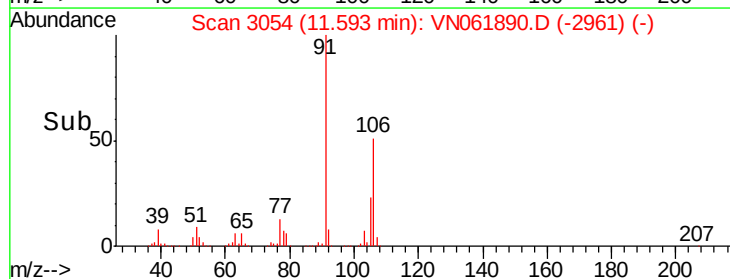
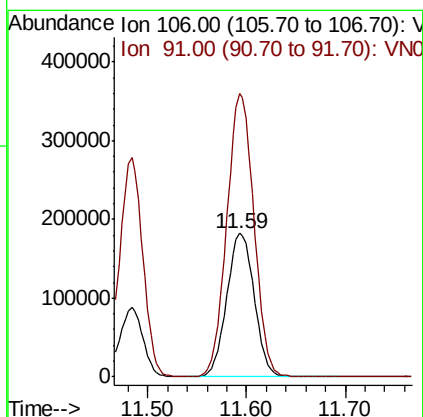
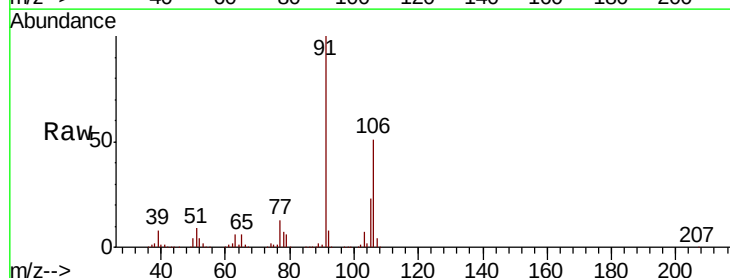
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

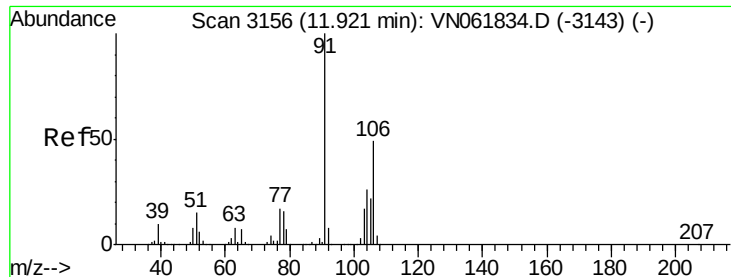
Tot Ion: 91 Resp: 453783
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 108.820 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 106 Resp: 354939
Ion Ratio Lower Upper
106 100
91 194.8 157.0 235.6

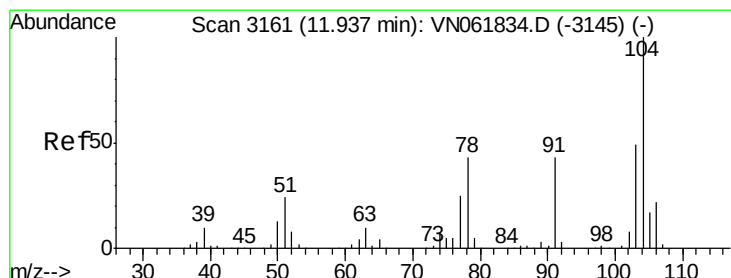
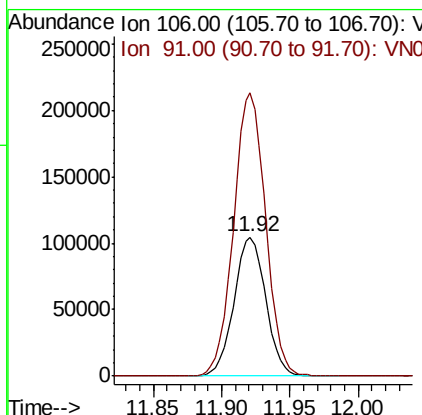
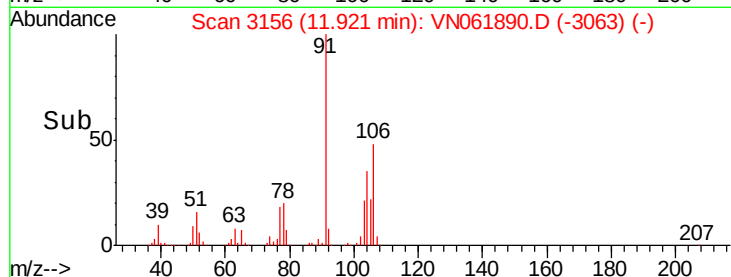
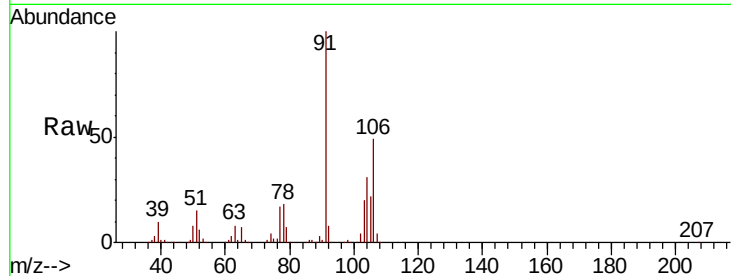




#69
o-Xylene
Concen: 54.369 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

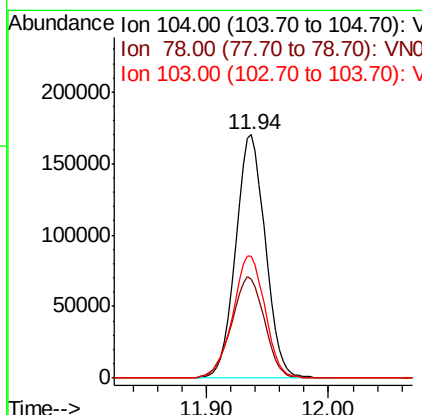
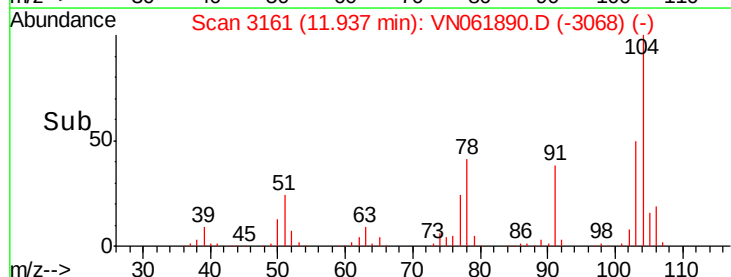
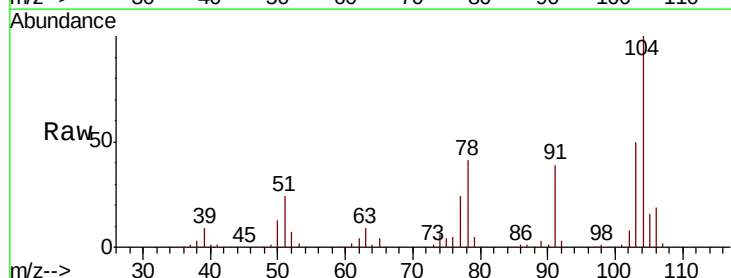
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

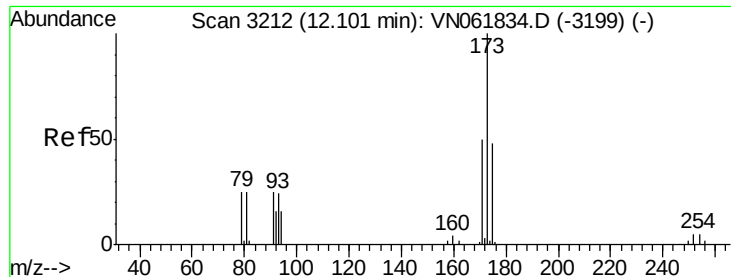
Tot Ion:106 Resp: 169205
Ion Ratio Lower Upper
106 100
91 205.1 103.0 308.9



#70
Styrene
Concen: 54.966 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:104 Resp: 286425
Ion Ratio Lower Upper
104 100
78 46.5 37.6 56.4
103 54.5 43.0 64.4





#71

Bromoform

Concen: 54.550 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

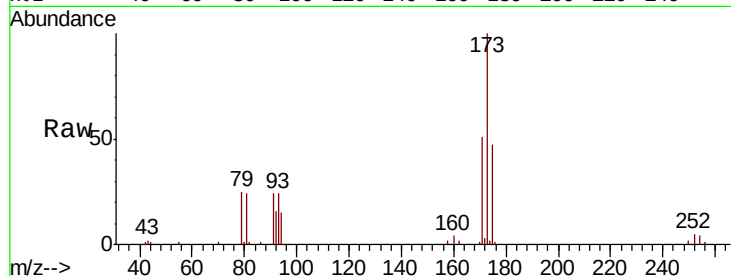
Tot Ion:173 Resp: 69986

Ion Ratio Lower Upper

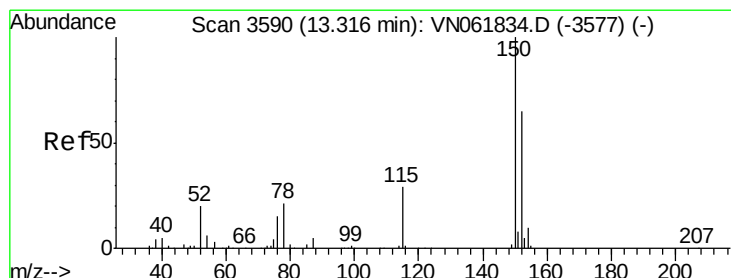
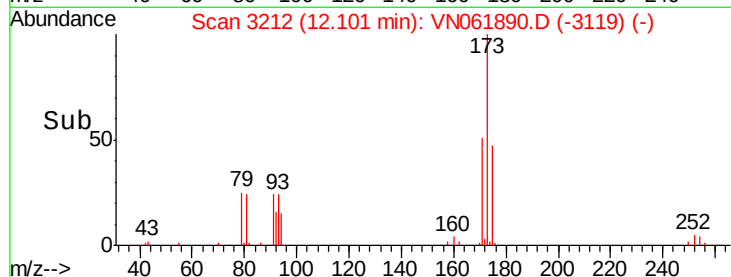
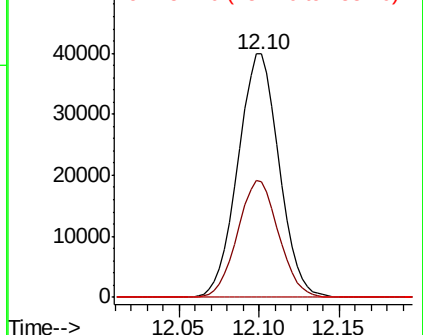
173 100

175 47.6 23.9 71.7

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

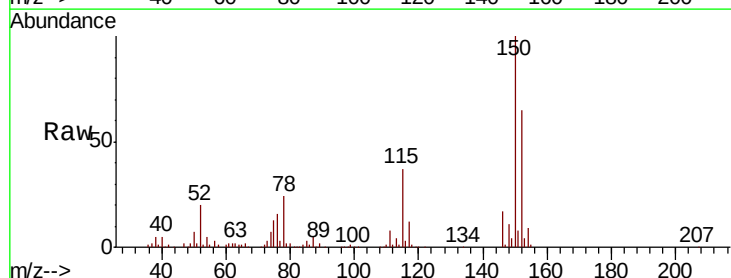
Tgt Ion:152 Resp: 121468

Ion Ratio Lower Upper

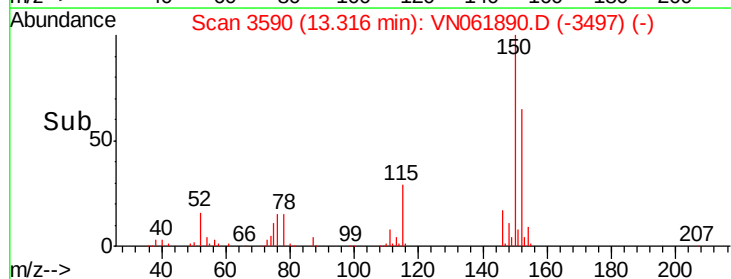
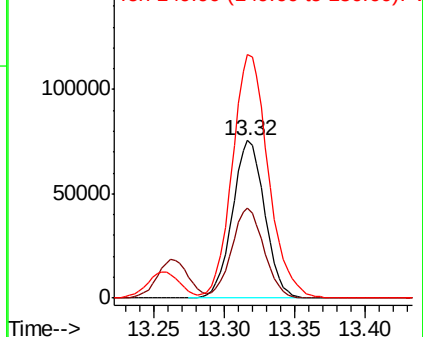
152 100

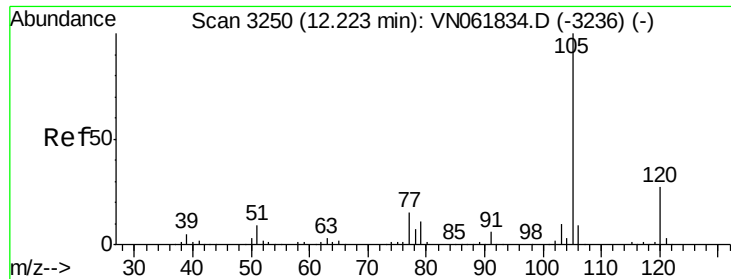
115 57.2 29.1 87.3

150 171.8 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

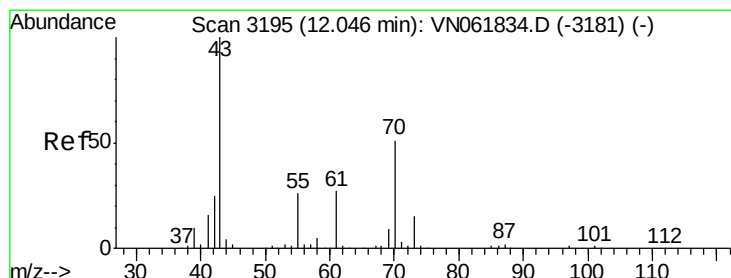
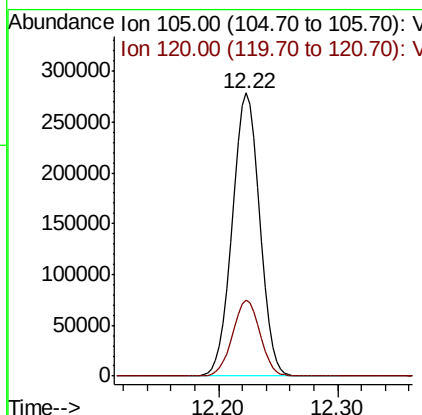
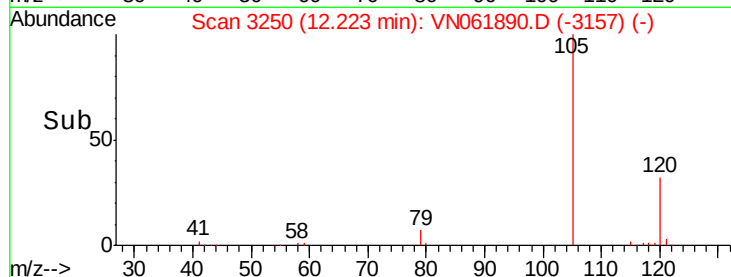
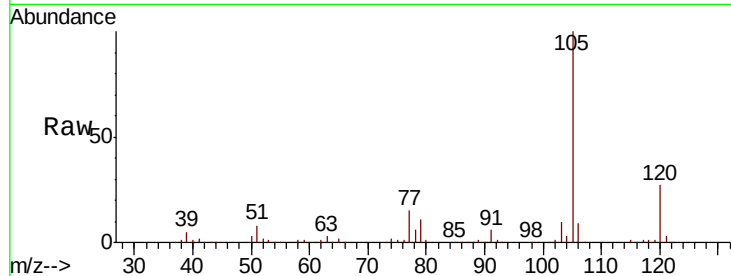




#73
Isopropylbenzene
Concen: 51.565 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

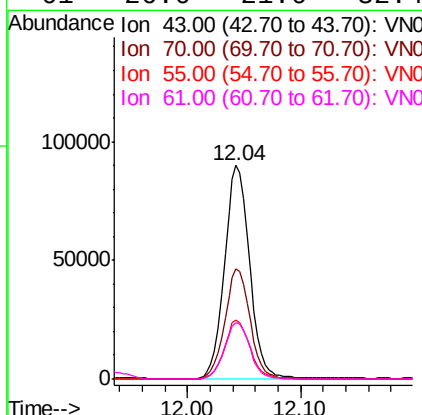
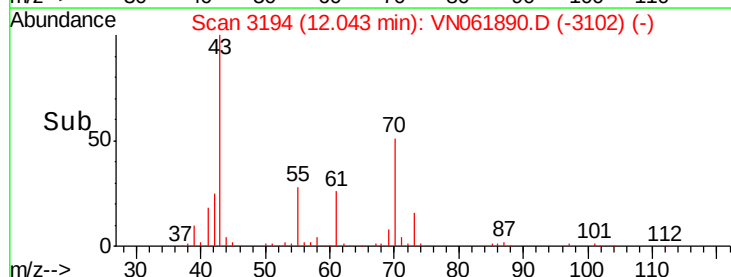
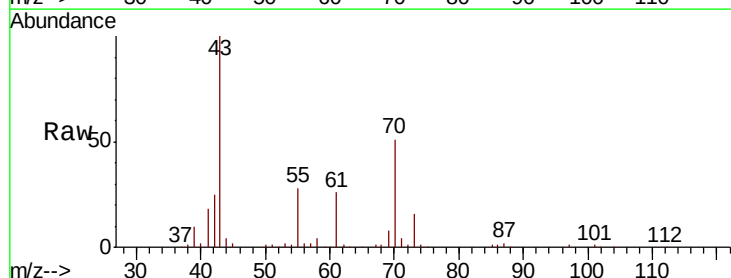
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

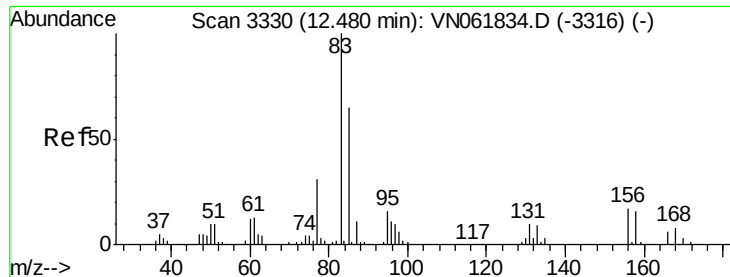
Tot Ion:105 Resp: 445096
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8



#74
N-ethyl acetate
Concen: 45.022 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 43 Resp: 139717
Ion Ratio Lower Upper
43 100
70 51.6 40.6 60.8
55 28.1 21.5 32.3
61 26.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.043 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

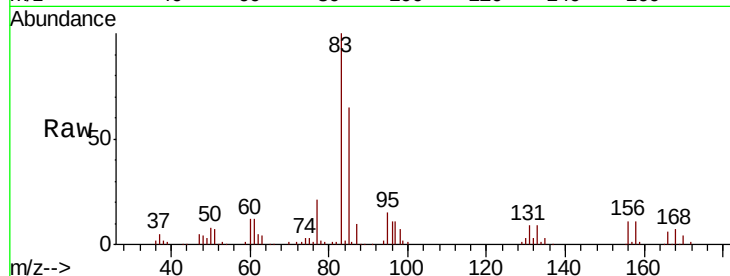
Tot Ion: 83 Resp: 134824

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

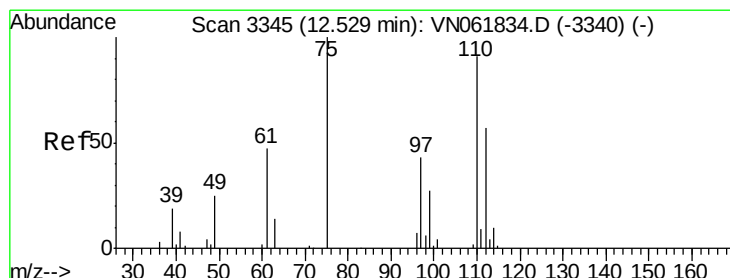
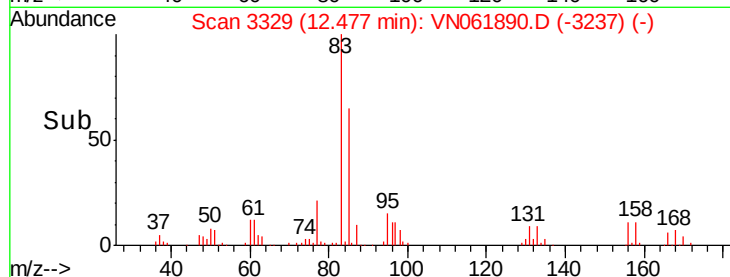
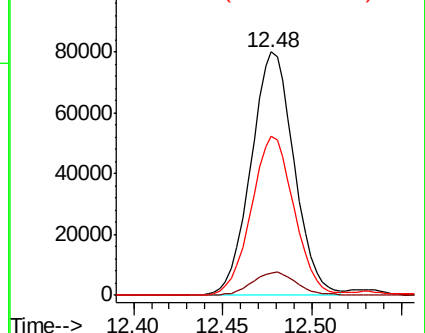
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 69.899 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061890.D

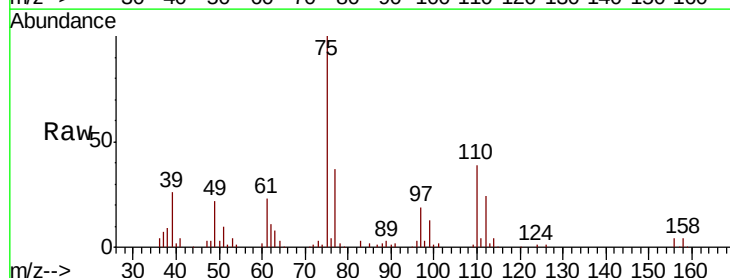
Acq: 18 Jun 2020 10:33

Tgt Ion: 75 Resp: 166689

Ion Ratio Lower Upper

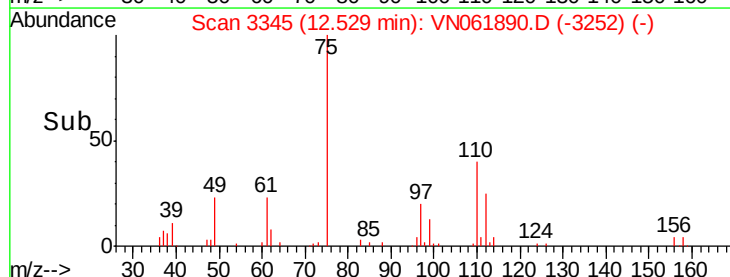
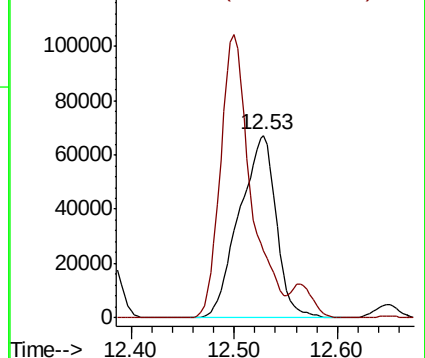
75 100

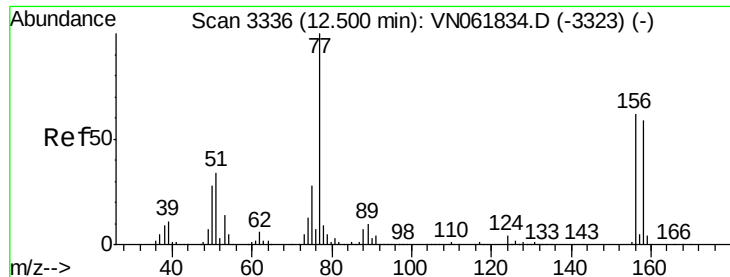
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 50.458 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

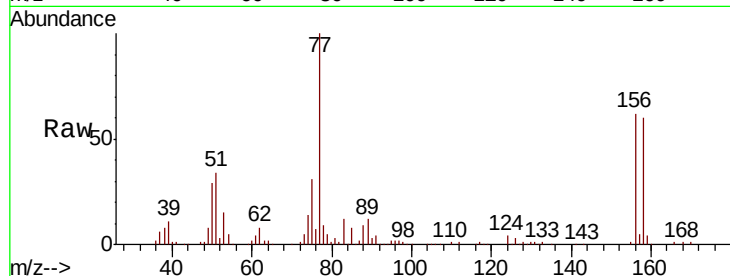
Tot Ion:156 Resp: 109879

Ion Ratio Lower Upper

156 100

77 195.7 100.7 302.1

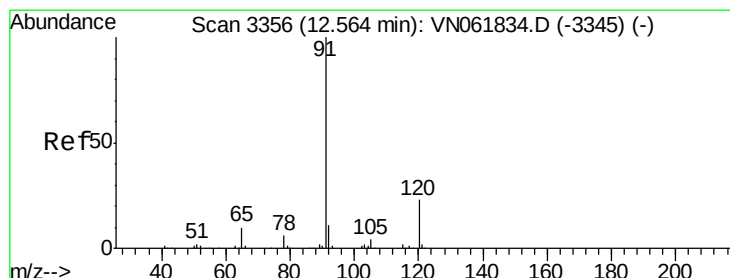
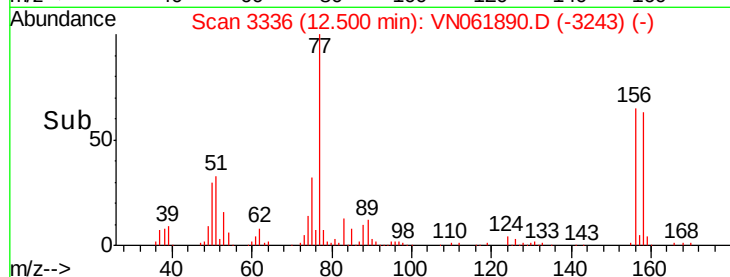
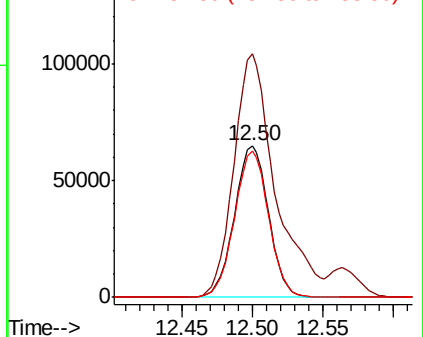
158 96.6 48.5 145.5



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



#78

n-propylbenzene

Concen: 51.691 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061890.D

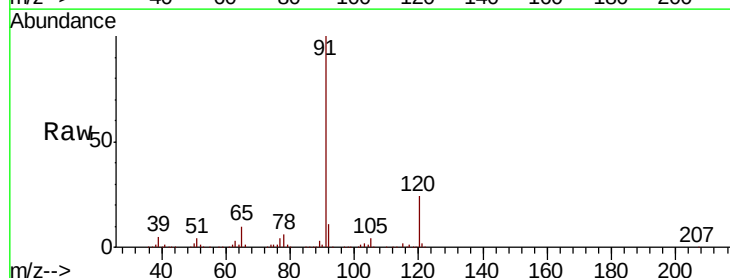
Acq: 18 Jun 2020 10:33

Tgt Ion: 91 Resp: 509109

Ion Ratio Lower Upper

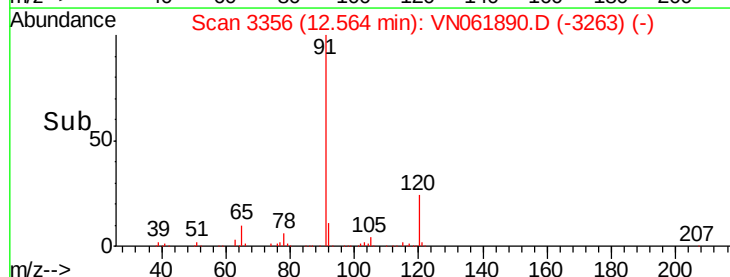
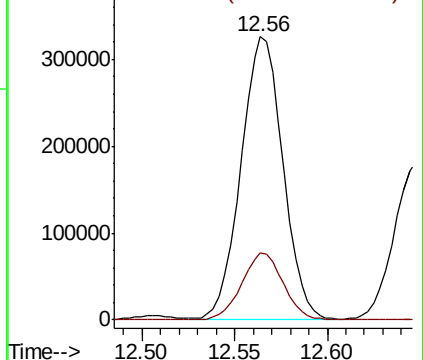
91 100

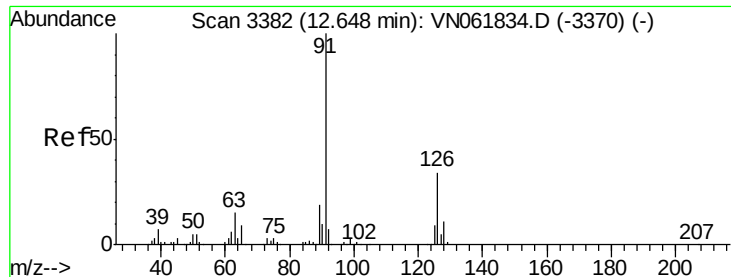
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

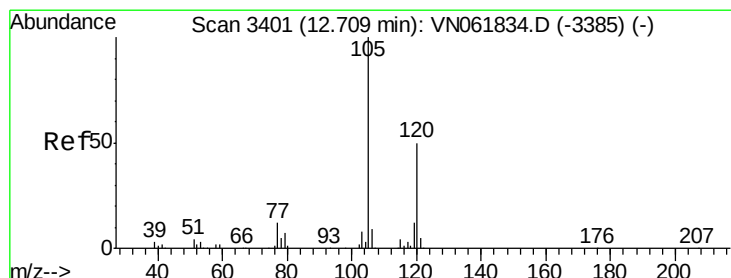
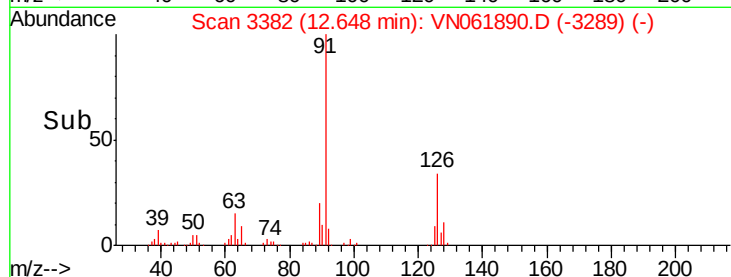
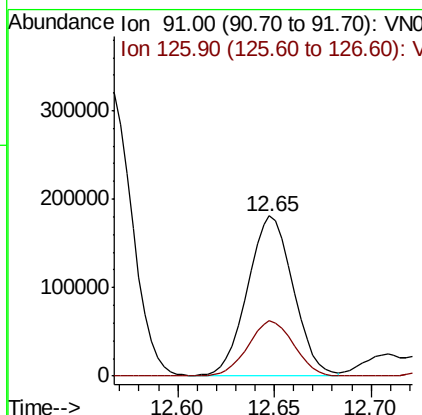
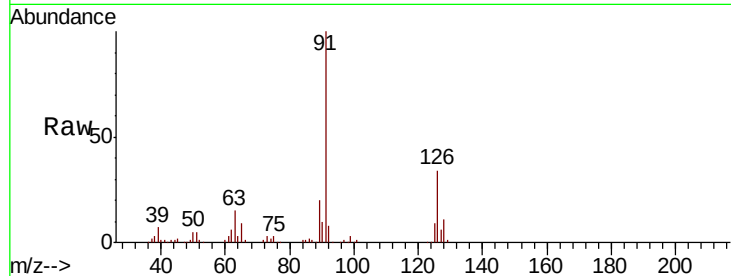




#79
 2-Chlorotoluene
 Concen: 49.952 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

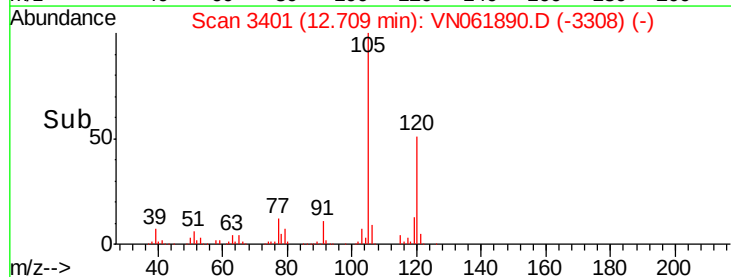
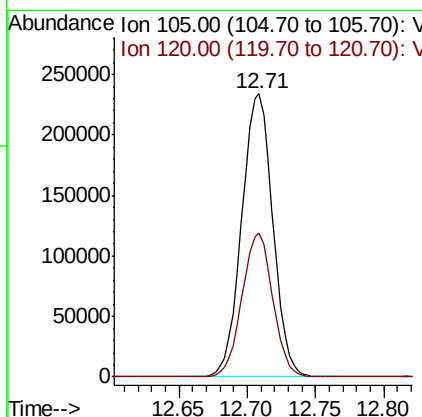
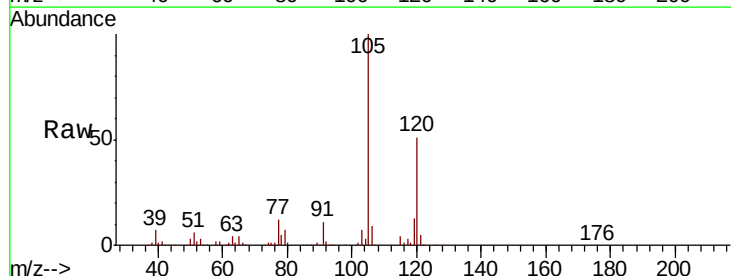
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

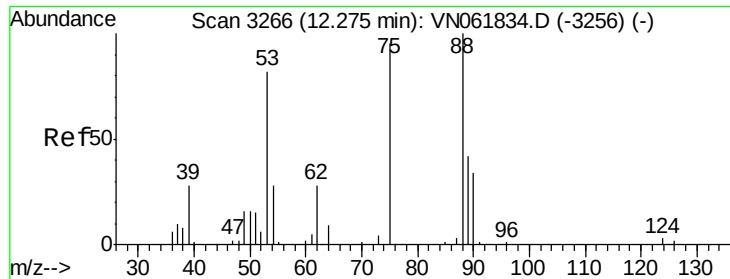
Tot Ion: 91 Resp: 295484
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.899 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 105 Resp: 370622
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.171 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

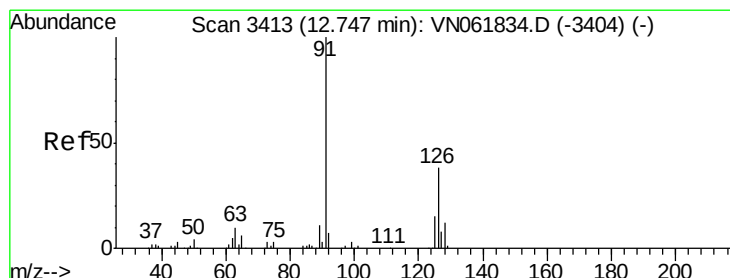
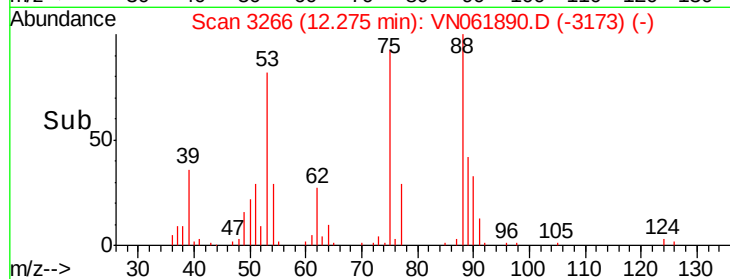
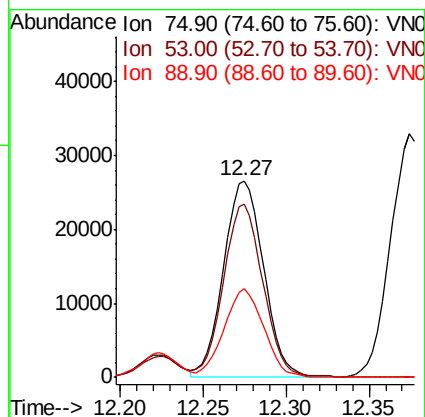
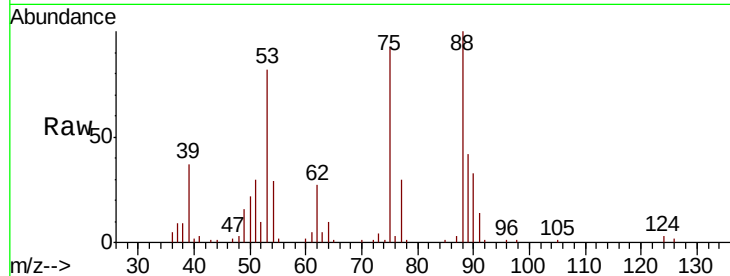
Tot Ion: 75 Resp: 44741

Ion Ratio Lower Upper

75 100

53 86.7 70.4 105.6

89 44.4 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.967 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061890.D

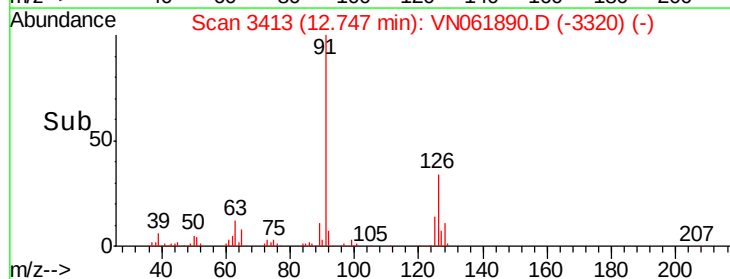
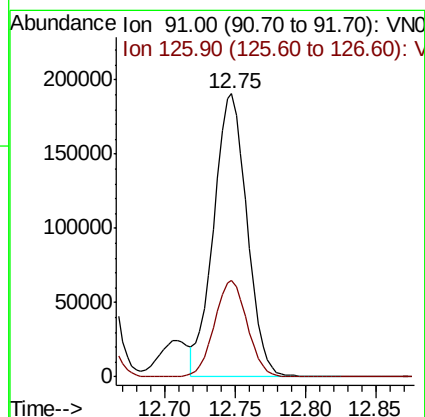
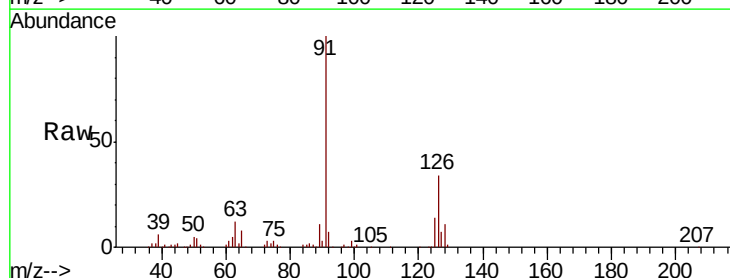
Acq: 18 Jun 2020 10:33

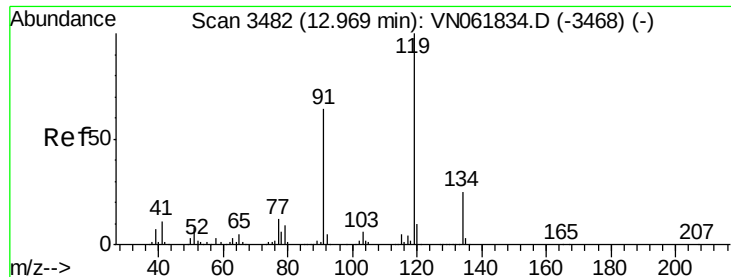
Tgt Ion: 91 Resp: 311527

Ion Ratio Lower Upper

91 100

126 33.7 17.2 51.6

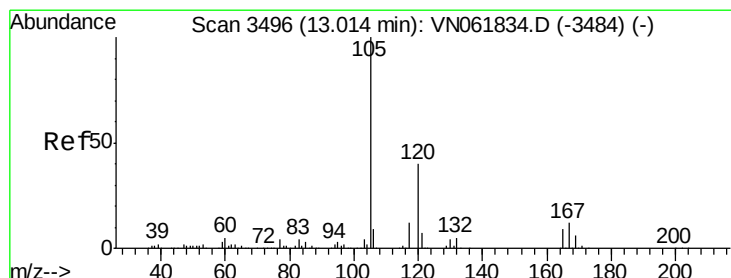
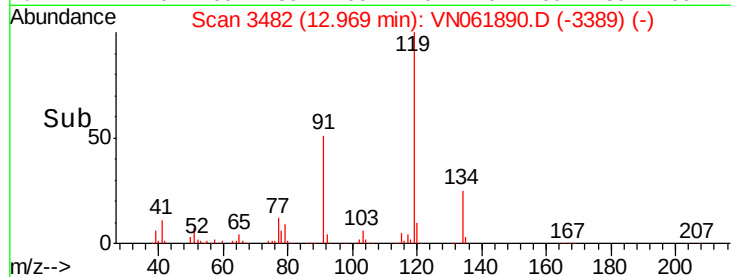
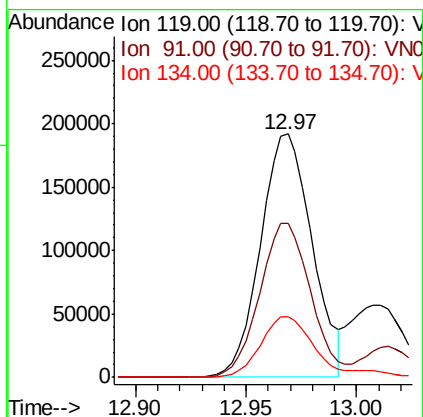
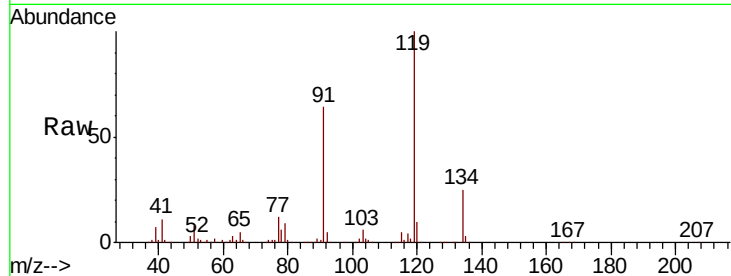




#83
 tert-Butylbenzene
 Concen: 51.439 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

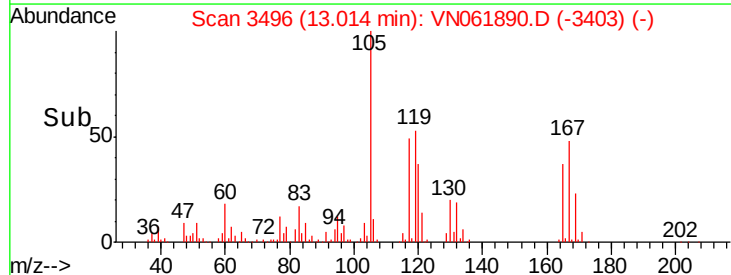
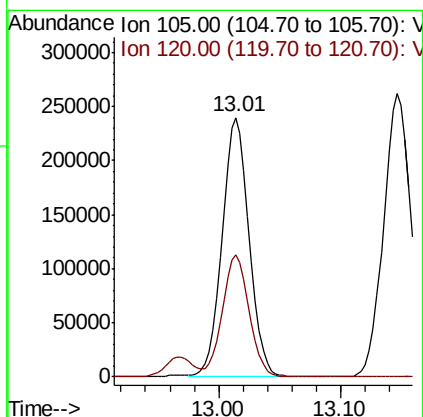
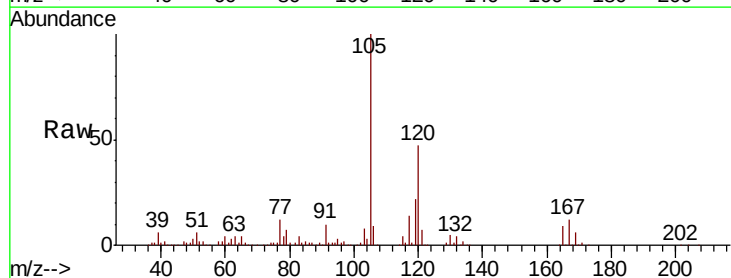
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

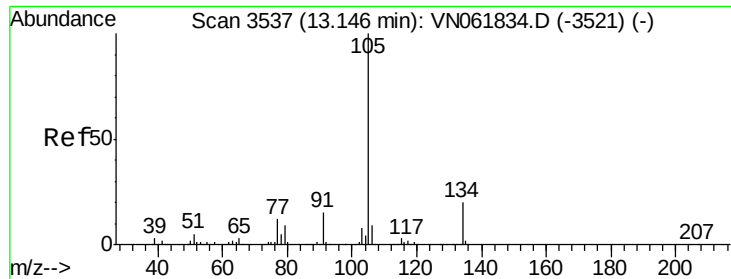
Tot Ion:119 Resp: 311417
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.5 94.5
 134 25.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.588 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion:105 Resp: 370706
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.878 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

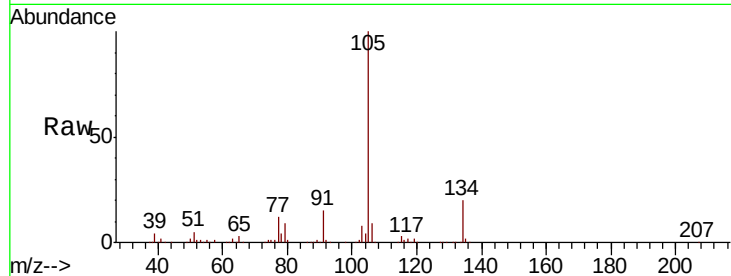
VSTDCCC050

Tot Ion:105 Resp: 411083

Ion Ratio Lower Upper

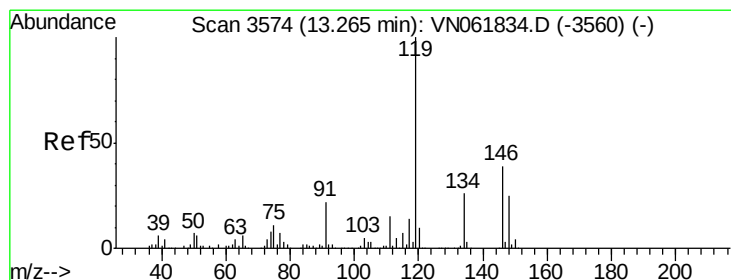
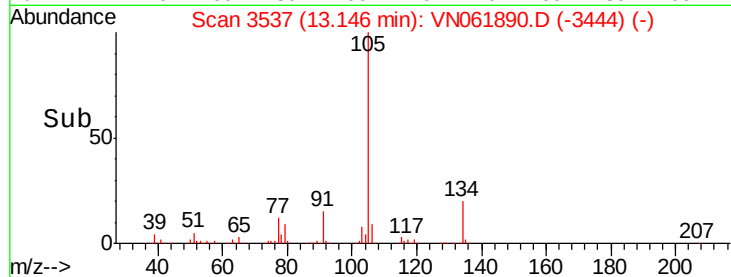
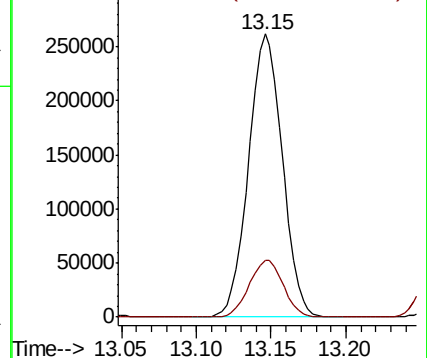
105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.874 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

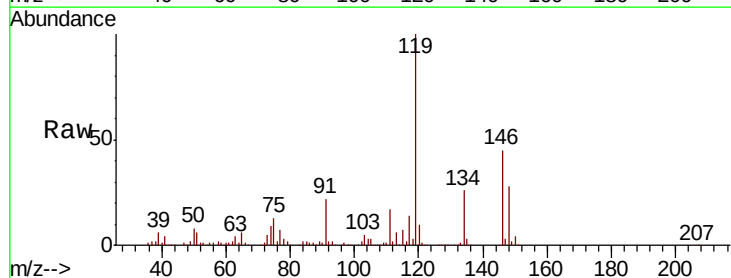
Tgt Ion:119 Resp: 380403

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

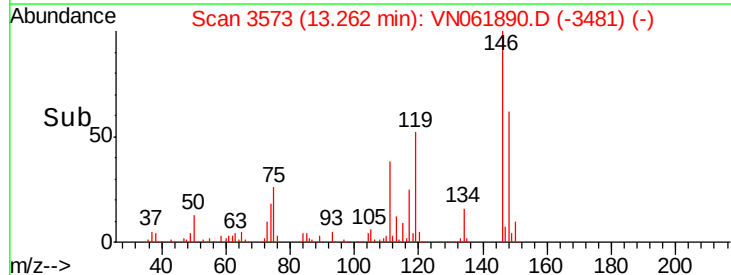
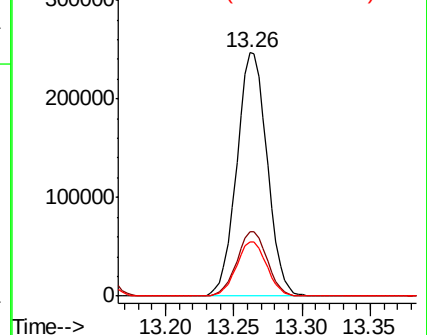
91 22.2 11.2 33.6

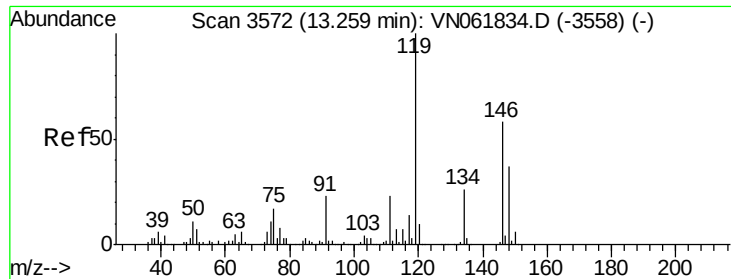


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

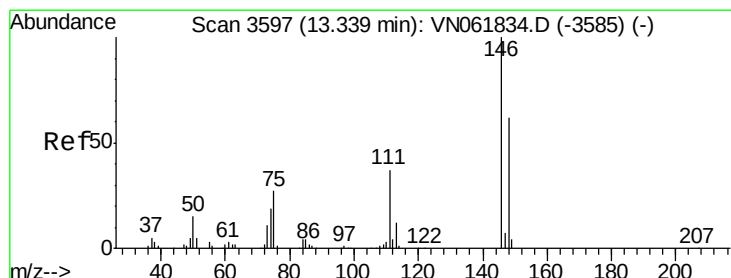
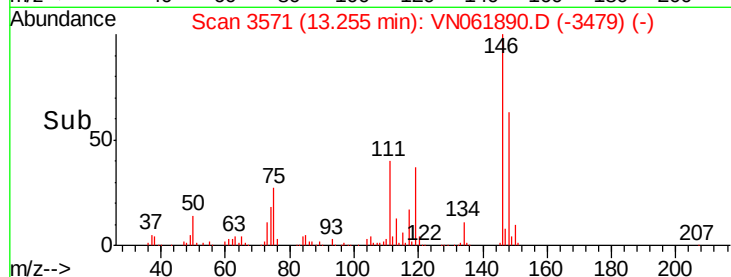
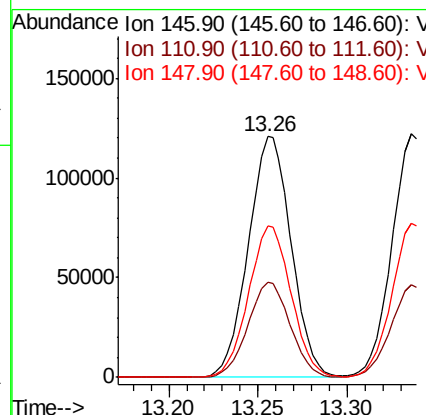
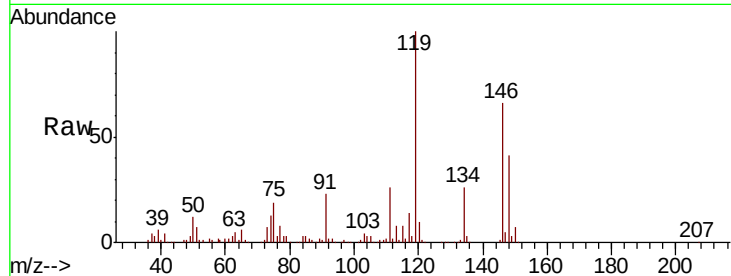




#87
 1,3-Dichlorobenzene
 Concen: 51.090 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

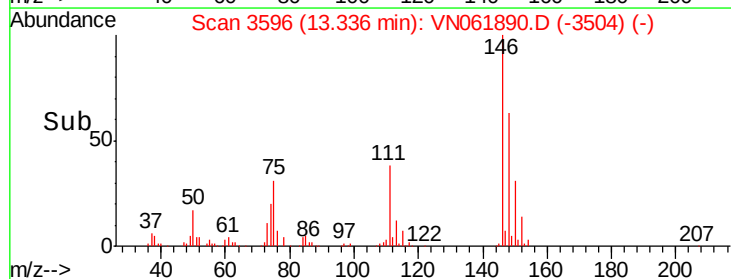
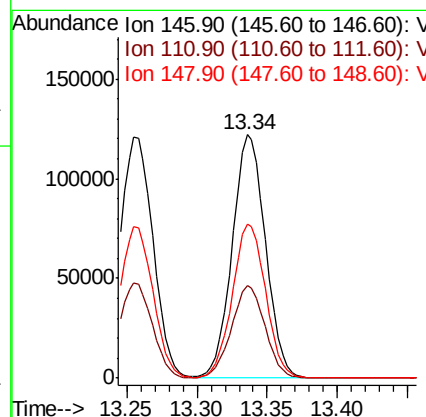
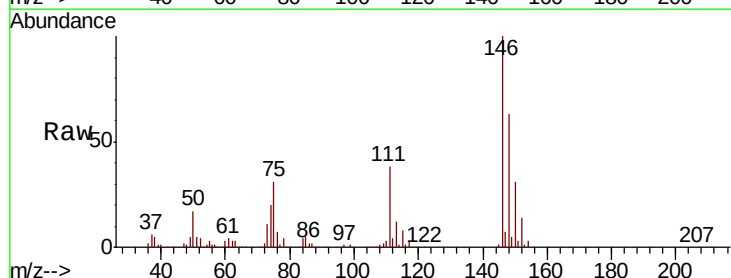
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

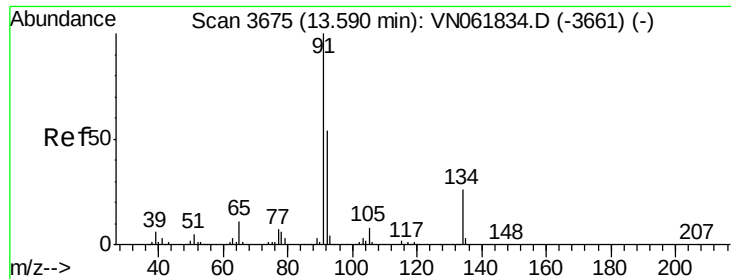
Tot Ion:146 Resp: 202915
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 62.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.416 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion:146 Resp: 200900
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 52.868 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

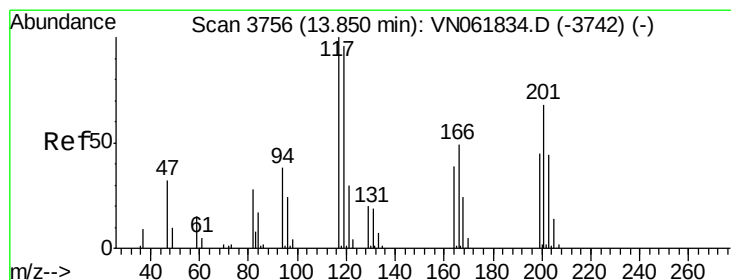
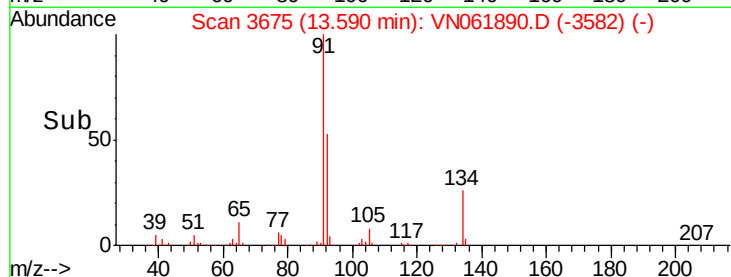
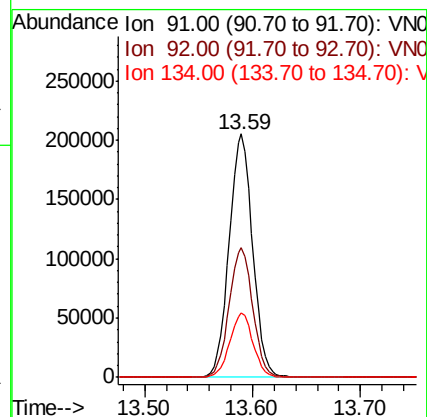
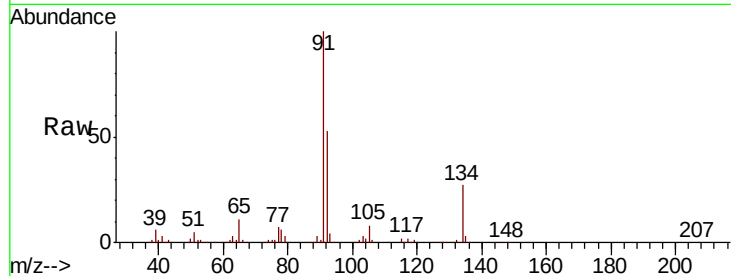
Tot Ion: 91 Resp: 311757

Ion Ratio Lower Upper

91 100

92 53.4 27.0 80.8

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 51.837 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061890.D

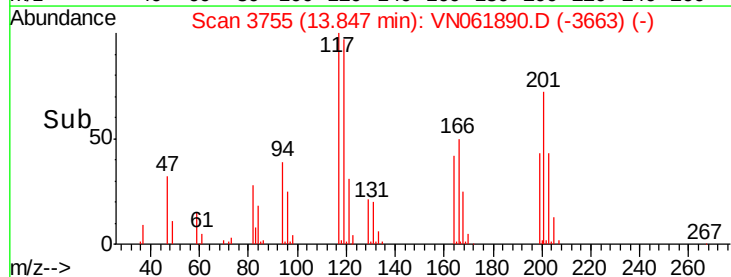
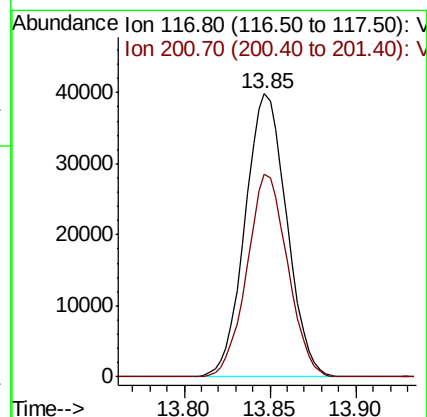
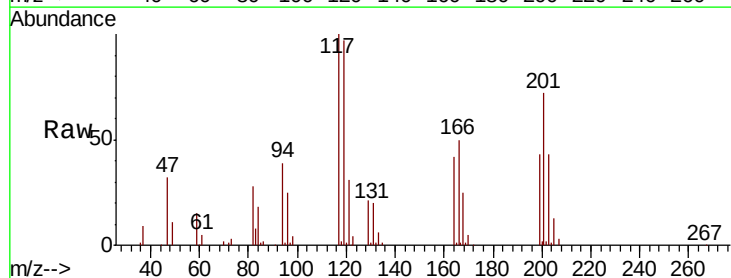
Acq: 18 Jun 2020 10:33

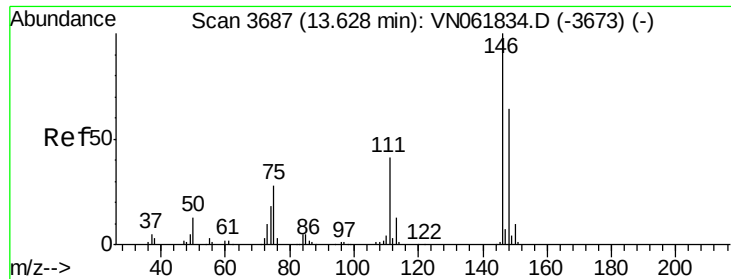
Tgt Ion: 117 Resp: 67001

Ion Ratio Lower Upper

117 100

201 69.8 34.6 103.8

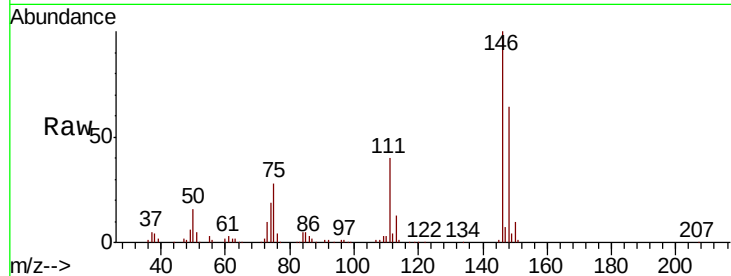




#91
 1,2-Dichlorobenzene
 Concen: 50.990 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.9	31.8	95.4

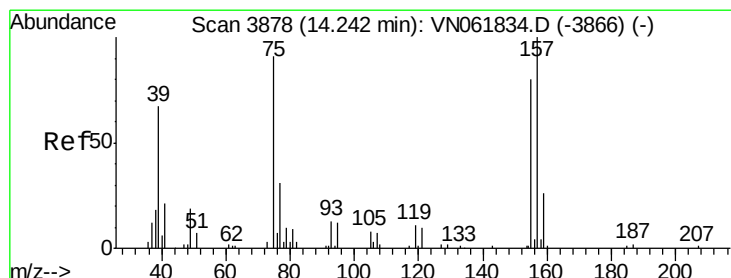
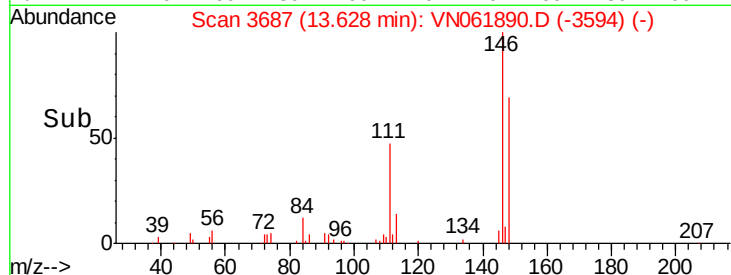
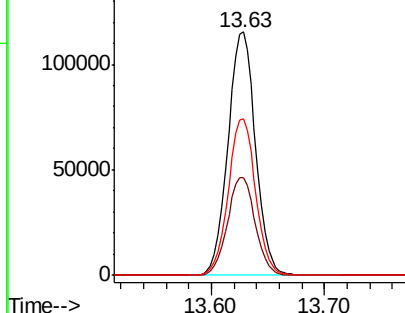


Abundance

Ion 145.90 (145.60 to 146.60): V

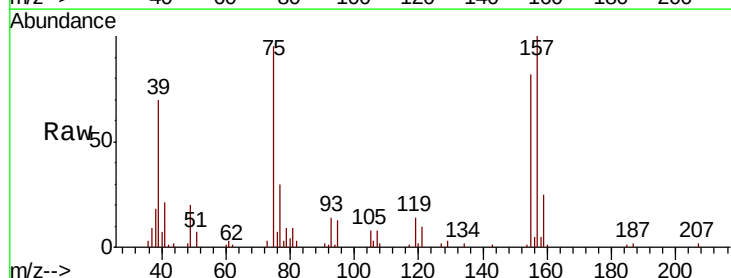
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.995 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	44.4	133.2
157	112.4	57.0	171.2

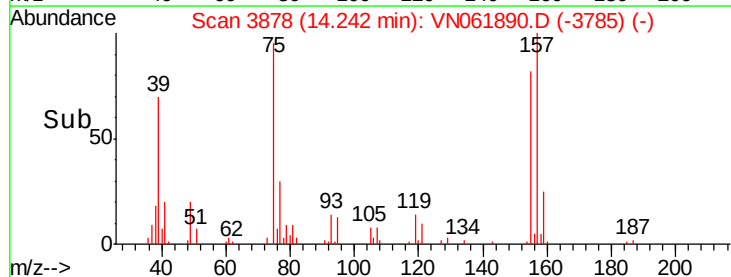
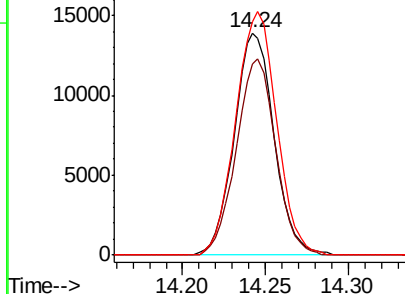


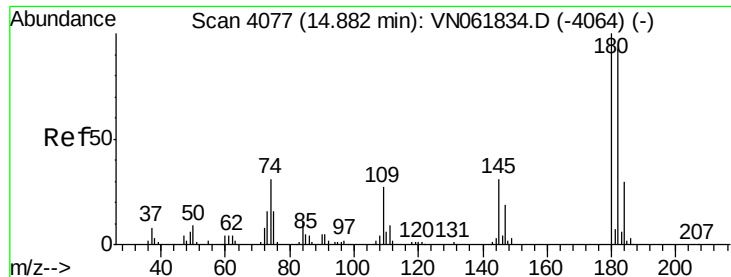
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

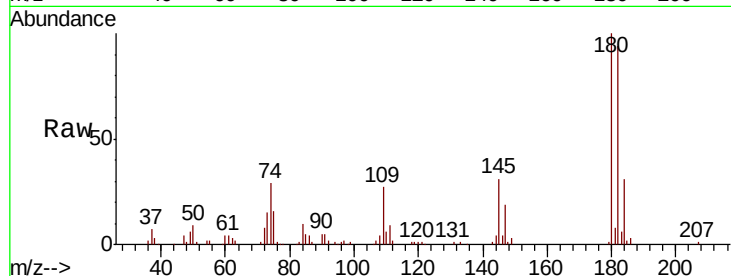




#93
 1,2,4-Trichlorobenzene
 Concen: 51.705 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	31.6	15.8	47.3

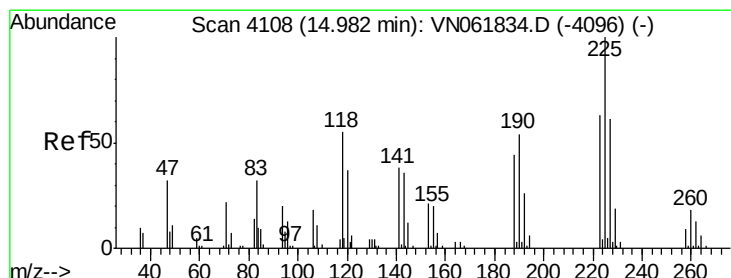
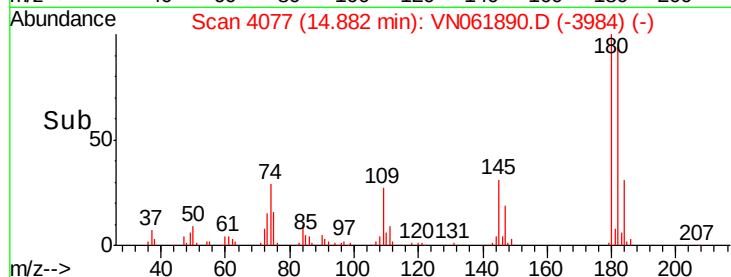
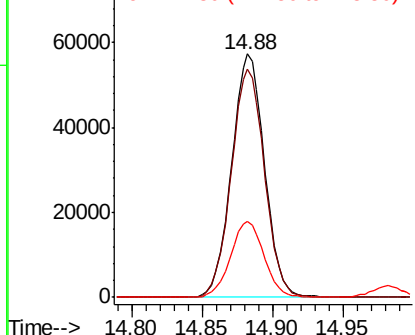


Abundance

Ion 179.80 (179.50 to 180.50): V

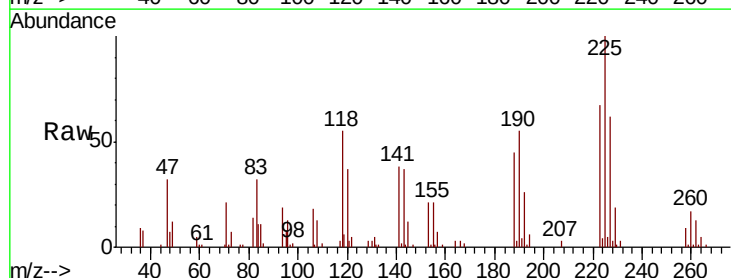
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.850 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.7	95.1
227	61.0	30.1	90.3

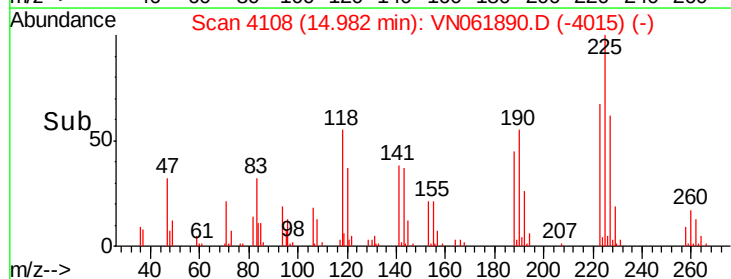
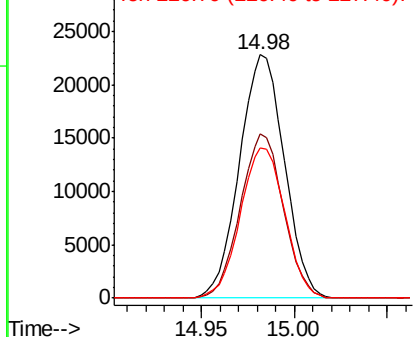


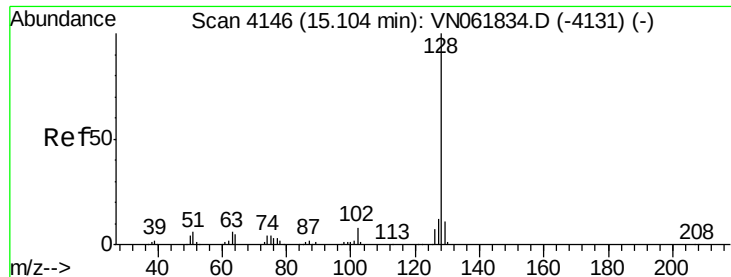
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

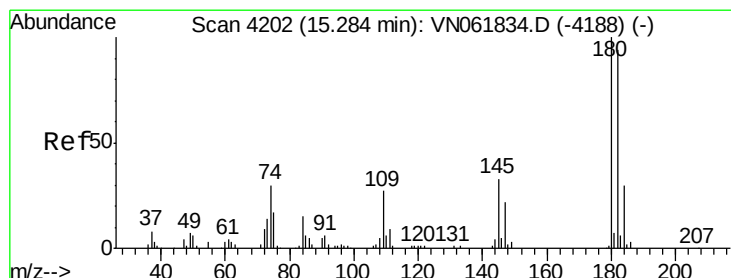
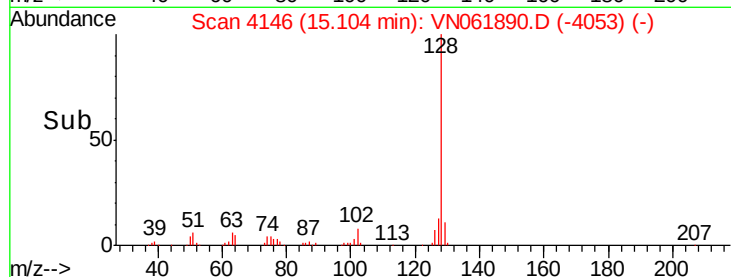
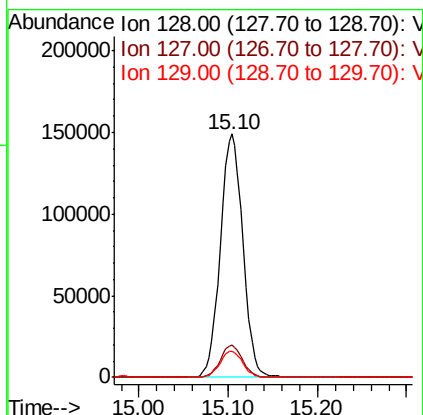
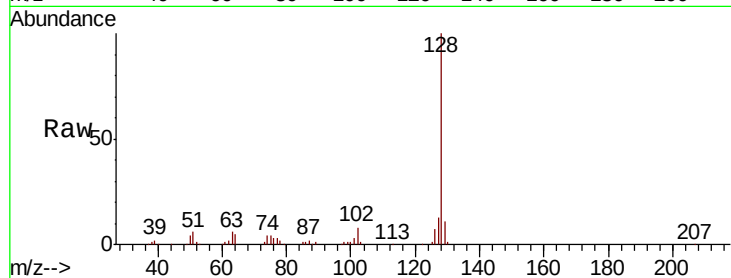




#95
Naphthalene
Concen: 43.521 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 260031
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.603 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:180 Resp: 92209
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 32.5 16.5 49.5

