

Data File : VN061197.D
Acq On : 29 Apr 2020 17:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 30 03:06:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	97659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	159194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78360	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	50233	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	211293	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.37	95	80053	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	52223	50.428	ug/l	99
3) Chloromethane	2.03	50	61570	49.090	ug/l	97
4) Vinyl Chloride	2.16	62	71122	49.925	ug/l	99
5) Bromomethane	2.53	94	34629	49.176	ug/l	99
6) Chloroethane	2.67	64	45391	50.270	ug/l	100
7) Trichlorofluoromethane	2.98	101	82408	51.274	ug/l	97
8) Diethyl Ether	3.37	74	33362	49.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50378	48.655	ug/l	100
10) Methyl Iodide	3.91	142	62769	47.171	ug/l	99
11) Tert butyl alcohol	4.73	59	55741	269.280	ug/l	99
12) 1,1-Dichloroethene	3.69	96	49335	47.880	ug/l	96
13) Acrolein	3.56	56	30728	222.754	ug/l	99
14) Allyl chloride	4.27	41	100236	52.466	ug/l	98
15) Acrylonitrile	4.93	53	159601	251.167	ug/l	99
16) Acetone	3.77	43	142269	237.786	ug/l	100
17) Carbon Disulfide	4.01	76	133321	46.841	ug/l	99
18) Methyl Acetate	4.27	43	85349	43.840	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	187267	47.563	ug/l	100
20) Methylene Chloride	4.50	84	57222	47.490	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	55227	49.222	ug/l	99
22) Diisopropyl ether	5.90	45	213694	48.234	ug/l	99
23) Vinyl Acetate	5.84	43	888490	249.072	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112045	48.405	ug/l	99
25) 2-Butanone	6.78	43	229031	250.476	ug/l	99
26) 2,2-Dichloropropane	6.78	77	95093	48.773	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64430	48.934	ug/l	100
28) Bromochloromethane	7.15	49	52479	47.832	ug/l	100
29) Tetrahydrofuran	7.17	42	156881	254.698	ug/l	99
30) Chloroform	7.33	83	114654	48.877	ug/l	99
31) Cyclohexane	7.61	56	101162	45.001	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	100722	49.309	ug/l	99
36) 1,1-Dichloropropene	7.75	75	85415	51.307	ug/l	99
37) Ethyl Acetate	6.88	43	97544	49.980	ug/l	99
38) Carbon Tetrachloride	7.73	117	76379	50.272	ug/l	99

Data File : VN061197.D
Acq On : 29 Apr 2020 17:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 30 03:06:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94732	50.741	ug/l	100
40) Benzene	8.00	78	247647	49.931	ug/l	98
41) Methacrylonitrile	7.17	41	145198	179.184	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	97599	51.944	ug/l	98
43) Isopropyl Acetate	8.13	43	163926	50.610	ug/l #	92
44) Trichloroethene	8.80	130	64641	48.212	ug/l	98
45) 1,2-Dichloropropane	9.08	63	65698	49.582	ug/l	99
46) Dibromomethane	9.17	93	43433	52.939	ug/l	99
47) Bromodichloromethane	9.37	83	91686	52.066	ug/l	100
48) Methyl methacrylate	9.17	41	76484	52.329	ug/l	96
49) 1,4-Dioxane	9.17	88	20068	1209.567	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	505349	265.062	ug/l	100
52) Toluene	10.12	92	154531	51.727	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103568	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	106167	50.610	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60228	50.544	ug/l	99
56) Ethyl methacrylate	10.40	69	97432	47.090	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107894	51.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249437	258.610	ug/l	99
59) 2-Hexanone	10.72	43	375344	270.608	ug/l	99
60) Dibromochloromethane	10.87	129	65970	52.860	ug/l	100
61) 1,2-Dibromoethane	10.98	107	63047	52.789	ug/l	99
64) Tetrachloroethene	10.60	164	65967	47.844	ug/l	99
65) Chlorobenzene	11.41	112	159098	50.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	59827	52.933	ug/l	98
67) Ethyl Benzene	11.48	91	303245	51.297	ug/l	100
68) m/p-Xylenes	11.60	106	222658	102.902	ug/l	98
69) o-Xylene	11.92	106	106240	51.115	ug/l	99
70) Styrene	11.94	104	181906	52.291	ug/l	99
71) Bromoform	12.10	173	45658	54.966	ug/l #	100
73) Isopropylbenzene	12.22	105	291084	48.276	ug/l	100
74) N-amyl acetate	12.04	43	149770	49.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92632	49.270	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	128115	74.091	ug/l #	100
77) Bromobenzene	12.50	156	66955	48.104	ug/l	98
78) n-propylbenzene	12.56	91	349305	48.842	ug/l	100
79) 2-Chlorotoluene	12.65	91	203362	48.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246921	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33698	49.490	ug/l	98
82) 4-Chlorotoluene	12.75	91	216781	48.930	ug/l	99
83) tert-Butylbenzene	12.97	119	206598	49.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	250963	48.812	ug/l	100
85) sec-Butylbenzene	13.15	105	283958	49.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	257513	49.819	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	124702	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125286	47.855	ug/l	100
89) n-Butylbenzene	13.59	91	237126	50.041	ug/l	99
90) Hexachloroethane	13.85	117	26925	49.949	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120793	49.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20538	51.723	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042920\
Quantitation Report (Not Reviewed)

Data File : VN061197.D
Acq On : 29 Apr 2020 17:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 30 03:06:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	71057	47.494	ug/l	100
94) Hexachlorobutadiene	14.98	225	31018	49.627	ug/l	97
95) Naphthalene	15.10	128	232948	47.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	69947	47.354	ug/l	100

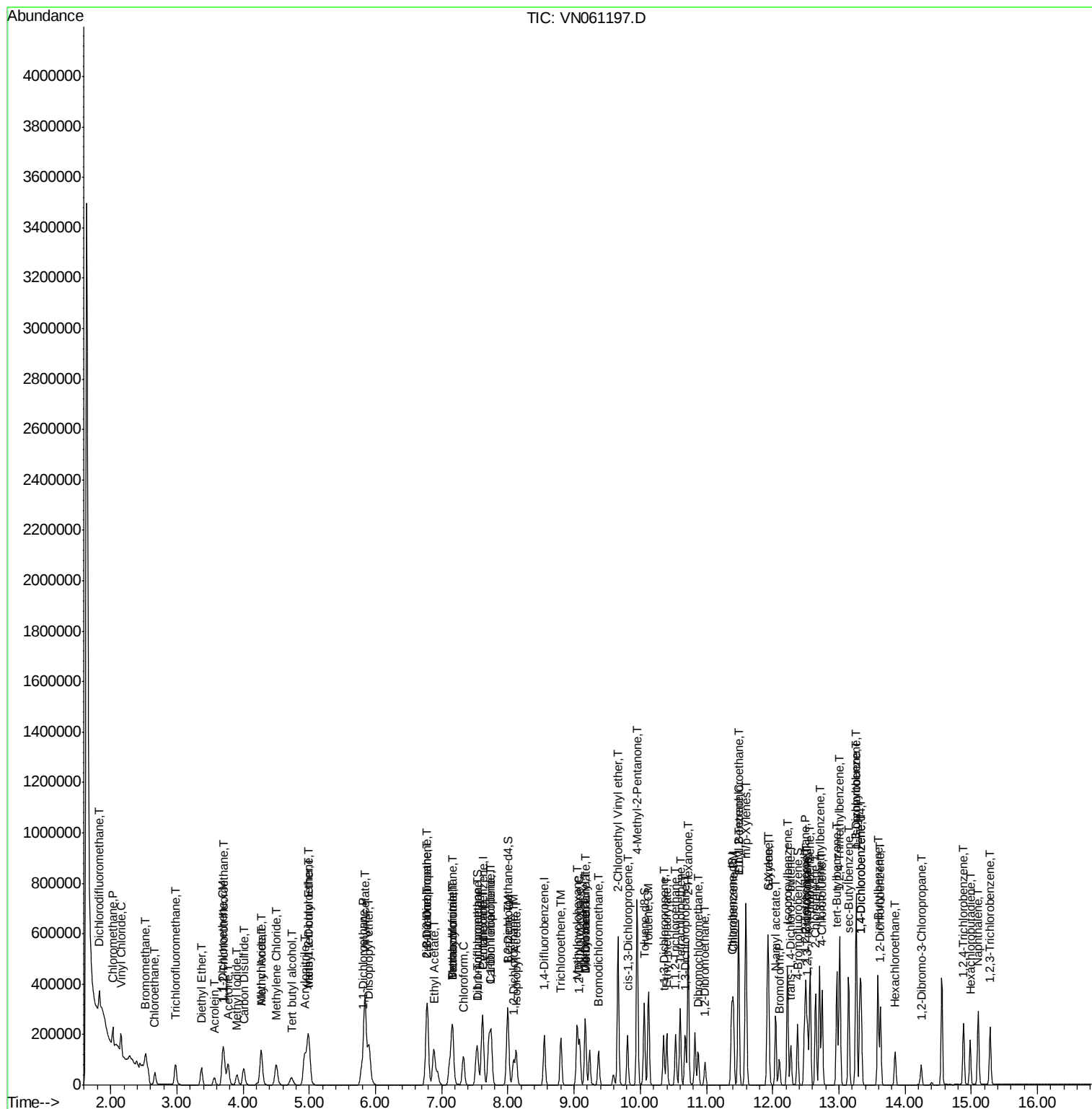
(#) = qualifier out of range (m) = manual integration (+) = signals summed

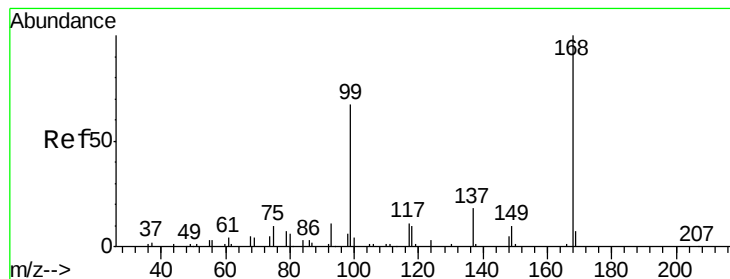
Data File : VN061197.D

```
Acq On       : 29 Apr 2020   17:19
Operator     : JC/MD
Sample       : VSTDCCC050
Misc         : 5.00mL/MSVOA_N/WATER
ALS Vial     : 19      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 30 03:06:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

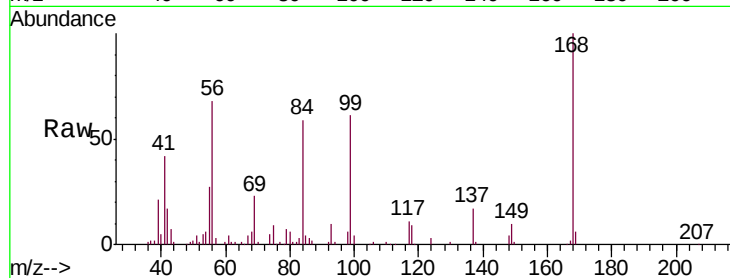
VSTDCCC050EC

Tgt Ion: 168 Resp: 97659

Ion Ratio Lower Upper

168 100

99 61.3 51.2 76.8

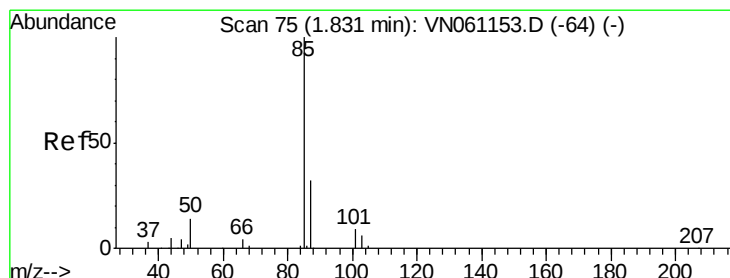
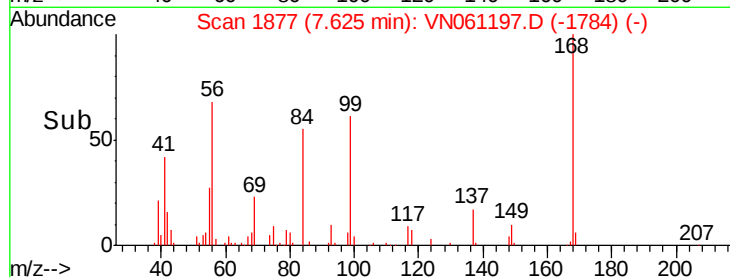


Abundance Ion 167.90 (167.60 to 168.60): VN061197.D (-1784) (-)

Ion 98.90 (98.60 to 99.60): VN061197.D (-1784) (-)

7.63

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 50.428 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061197.D

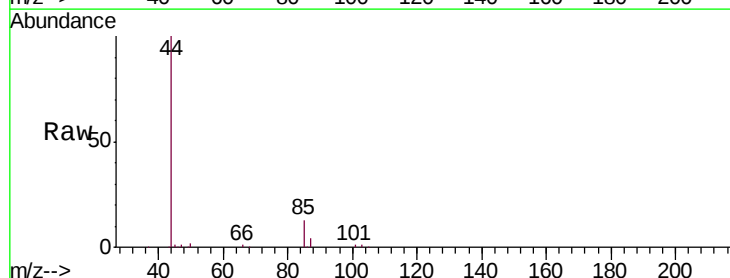
Acq: 29 Apr 2020 17:19

Tgt Ion: 85 Resp: 52223

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2

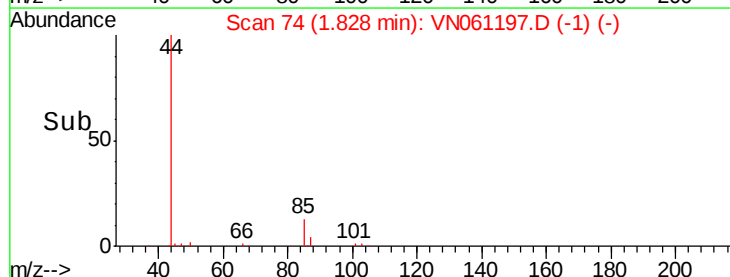


Abundance Ion 84.90 (84.60 to 85.60): VN061197.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN061197.D (-1) (-)

1.83

Time--> 1.75 1.80 1.85 1.90

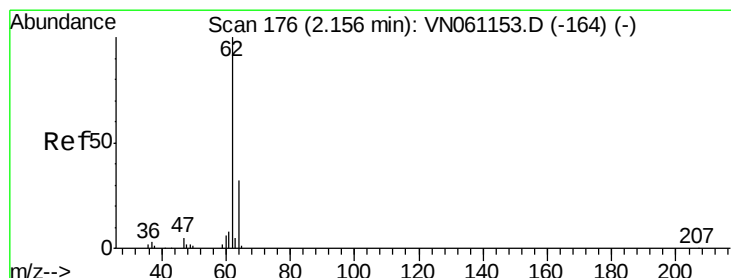
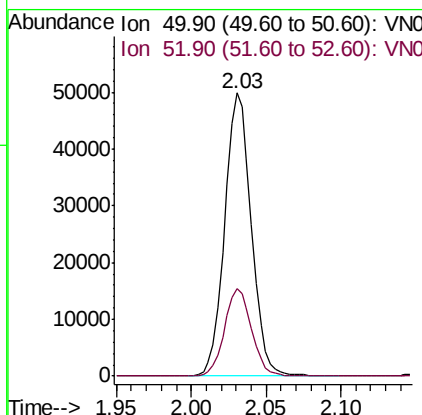
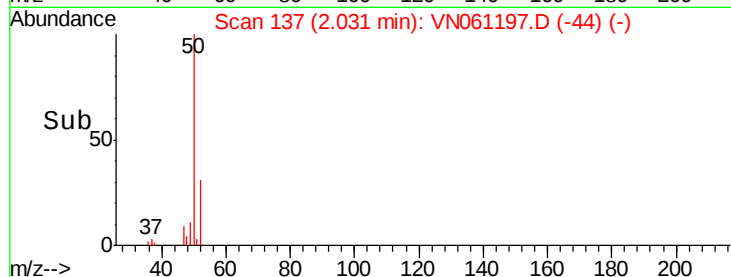
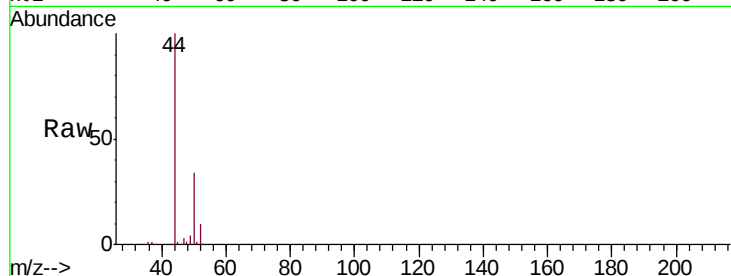




#3
Chloromethane
Concen: 49.090 ug/l
RT: 2.03 min Scan# 137
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

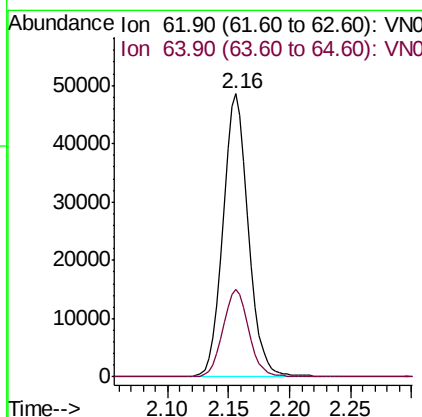
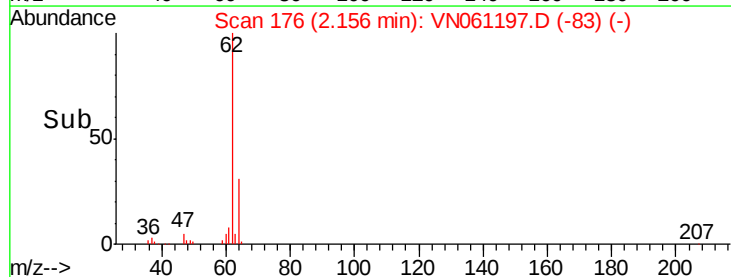
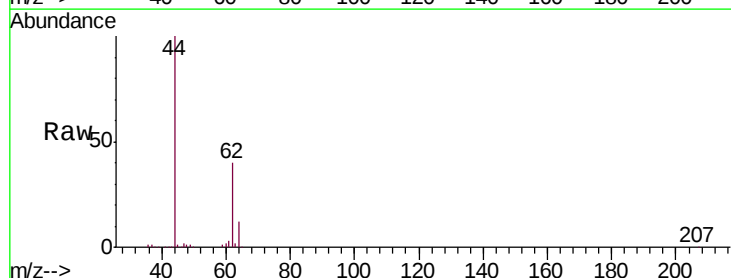
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

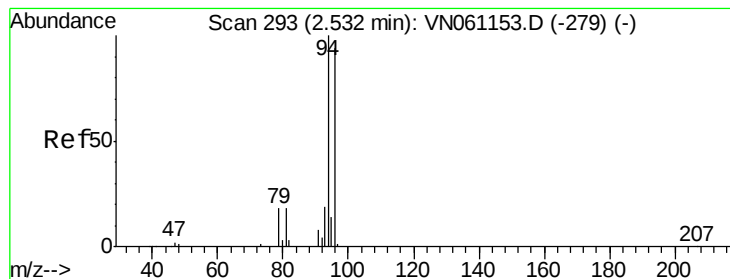
Tgt Ion: 50 Resp: 61570
Ion Ratio Lower Upper
50 100
52 30.8 26.0 39.0



#4
Vinyl Chloride
Concen: 49.925 ug/l
RT: 2.16 min Scan# 176
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 62 Resp: 71122
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5

Bromomethane

Concen: 49.176 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

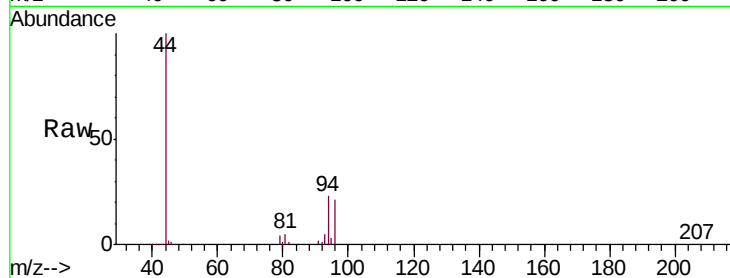
VSTDCCC050EC

Tgt Ion: 94 Resp: 34629

Ion Ratio Lower Upper

94 100

96 92.5 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)

Ion 95.90 (95.60 to 96.60): VN061153.D (-279) (-)

2.53

20000

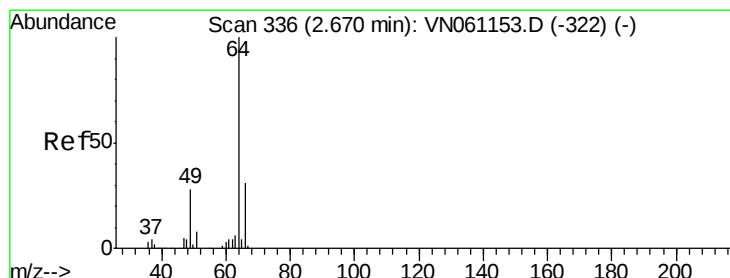
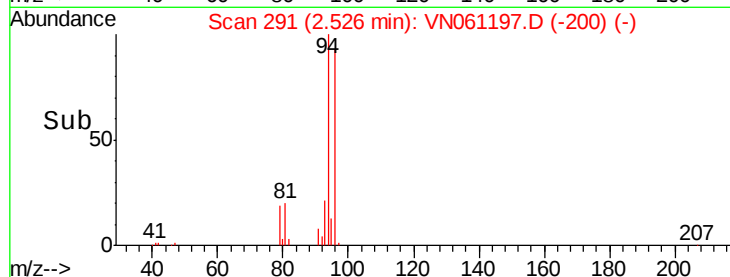
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 50.270 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061197.D

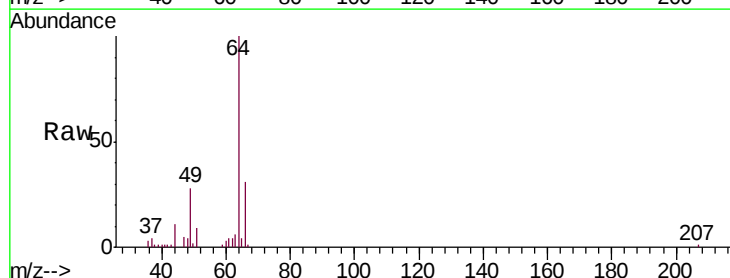
Acq: 29 Apr 2020 17:19

Tgt Ion: 64 Resp: 45391

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)

2.67

25000

20000

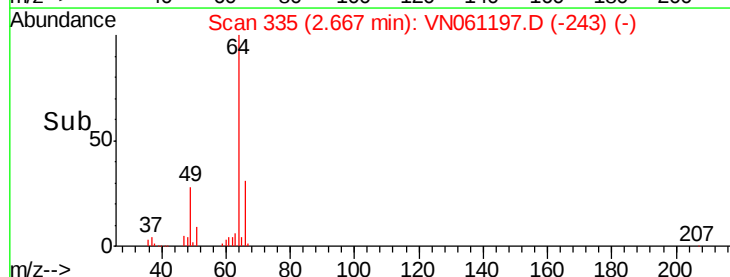
15000

10000

5000

0

Time-->



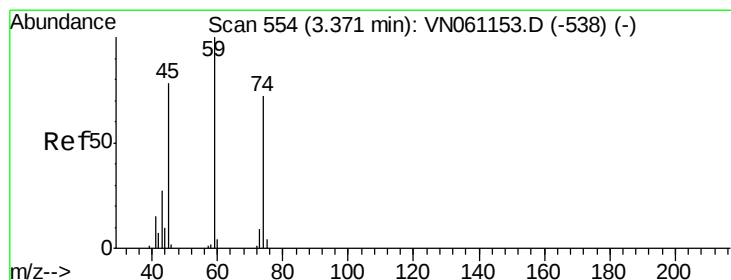
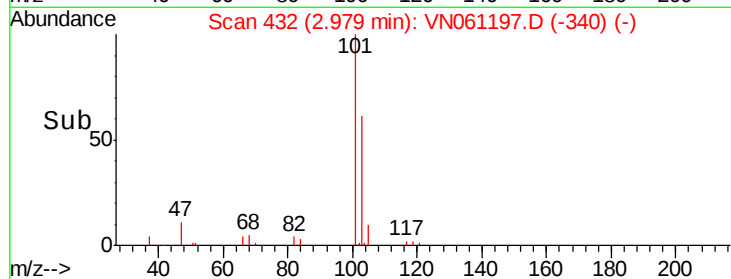
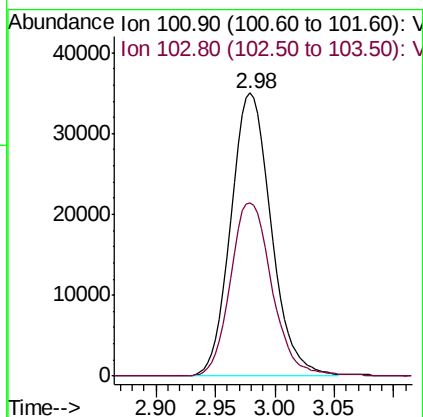
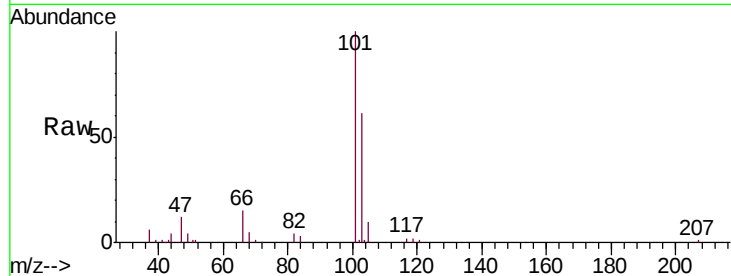


#7

Trichlorofluoromethane
 Concen: 51.274 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

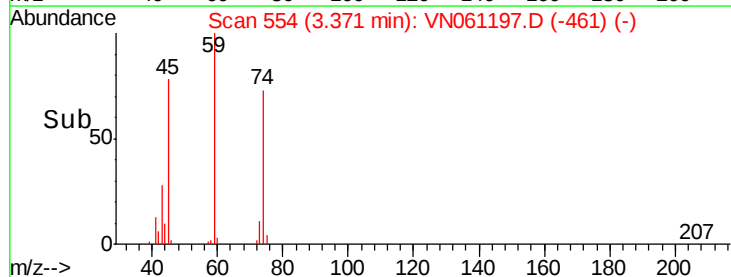
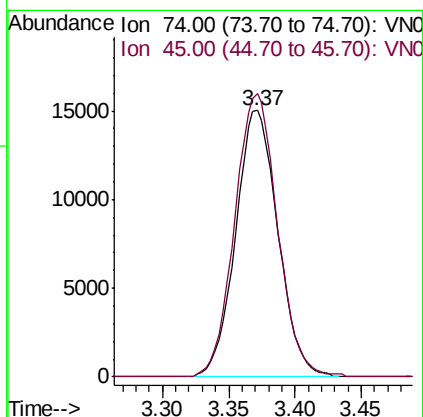
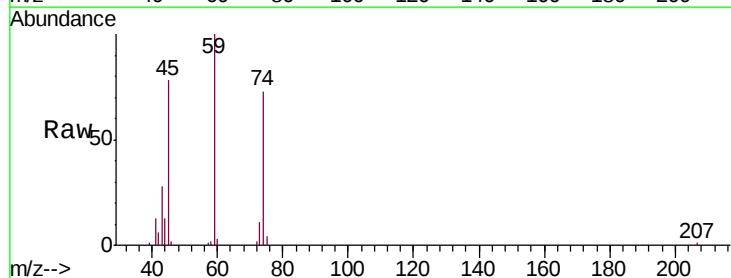
Tgt Ion:101 Resp: 82408
 Ion Ratio Lower Upper
 101 100
 103 61.2 50.6 76.0

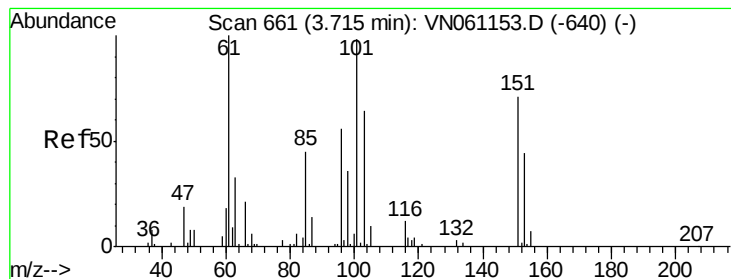


#8

Diethyl Ether
 Concen: 49.765 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 74 Resp: 33362
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.655 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

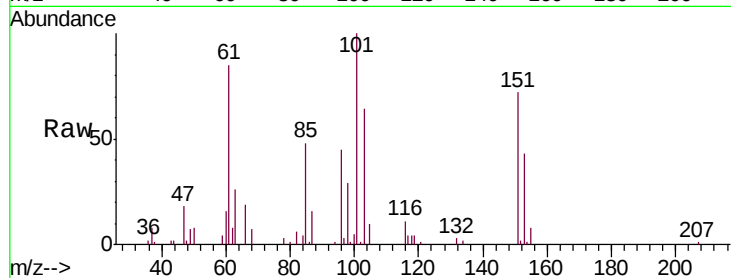
Tgt Ion:101 Resp: 50378

Ion Ratio Lower Upper

101 100

85 47.2 37.2 55.8

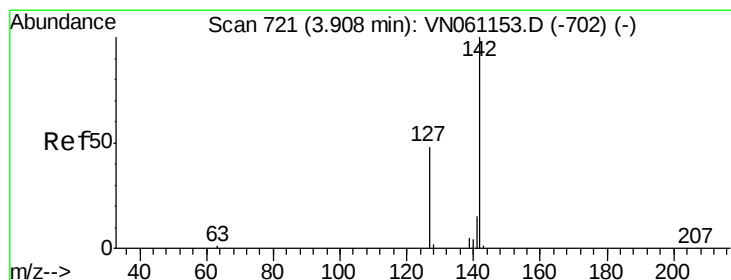
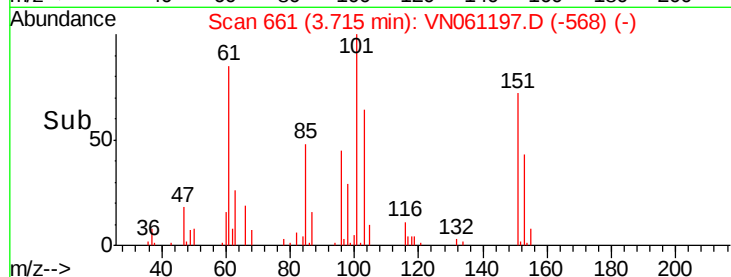
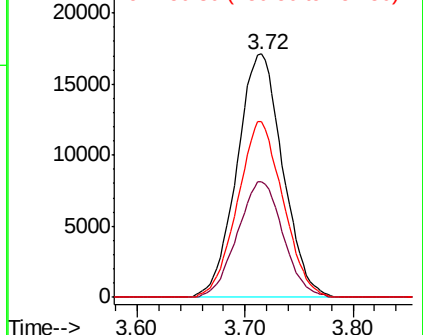
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.171 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

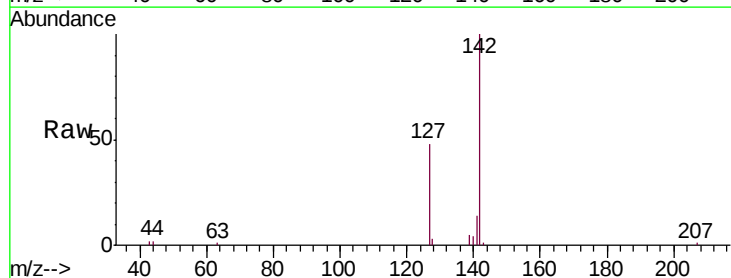
Tgt Ion:142 Resp: 62769

Ion Ratio Lower Upper

142 100

127 48.2 38.0 57.0

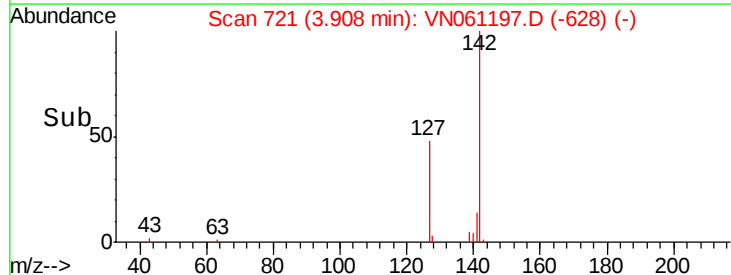
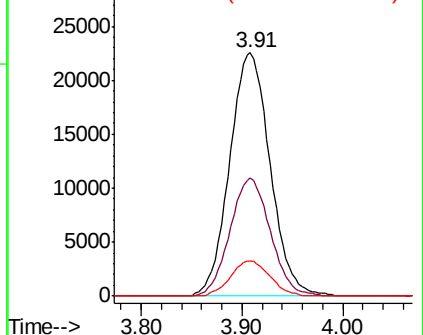
141 14.2 11.7 17.5

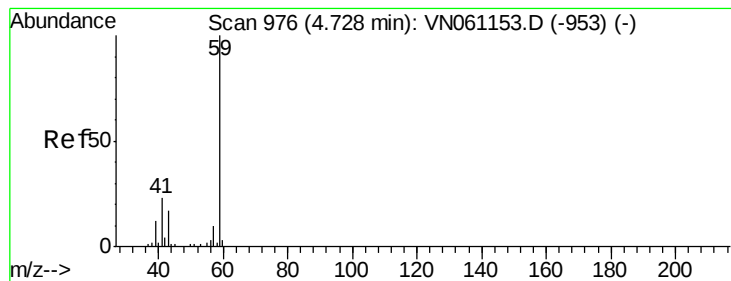


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



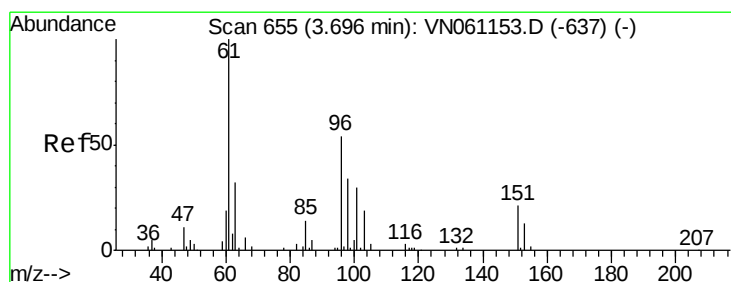
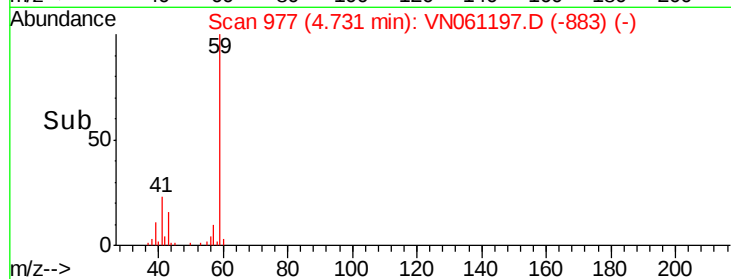
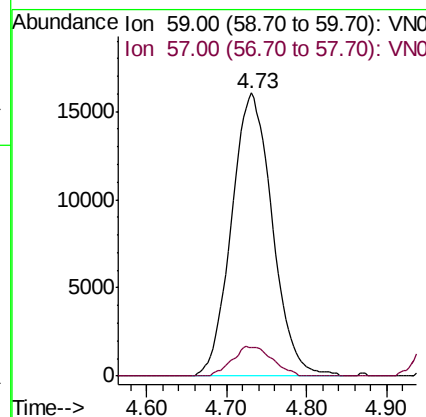
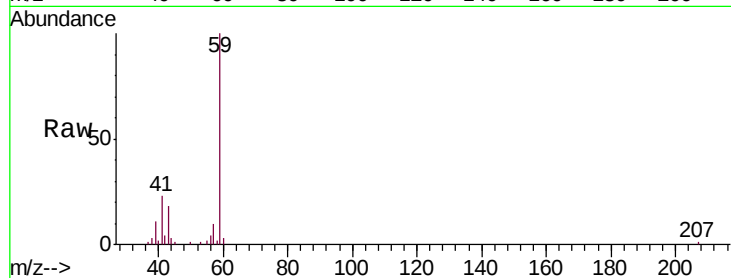


#11

Tert butyl alcohol
 Concen: 269.280 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

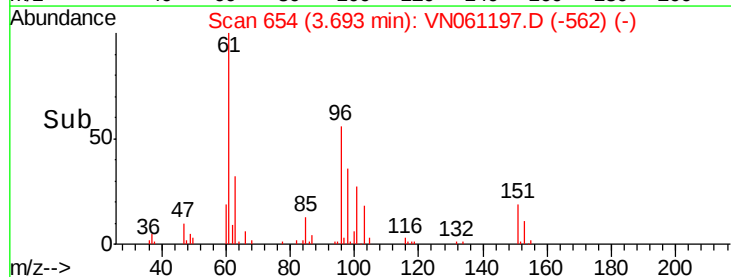
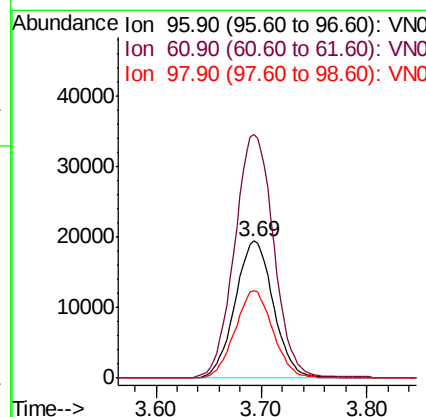
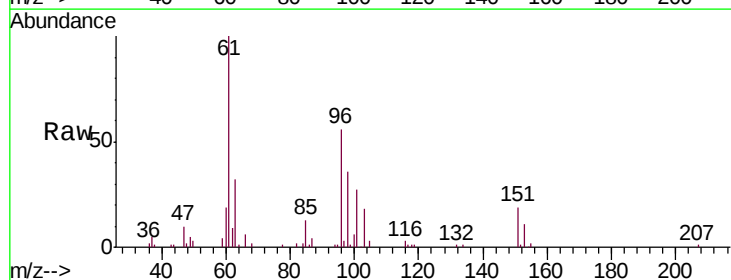
Tgt Ion: 59 Resp: 55741
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

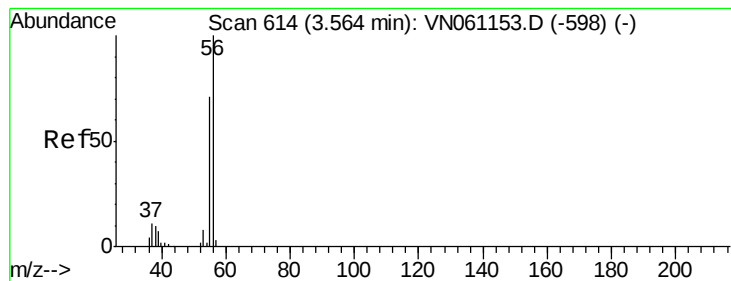


#12

1,1-Dichloroethene
 Concen: 47.880 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 96 Resp: 49335
 Ion Ratio Lower Upper
 96 100
 61 177.3 147.0 220.6
 98 63.4 49.8 74.6





#13

Acrolein

Concen: 222.754 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

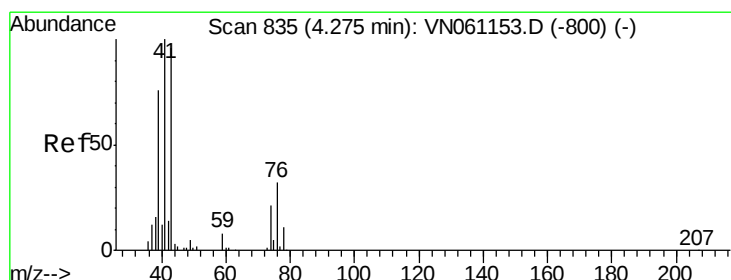
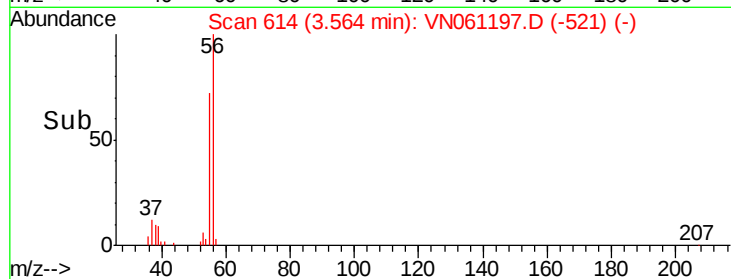
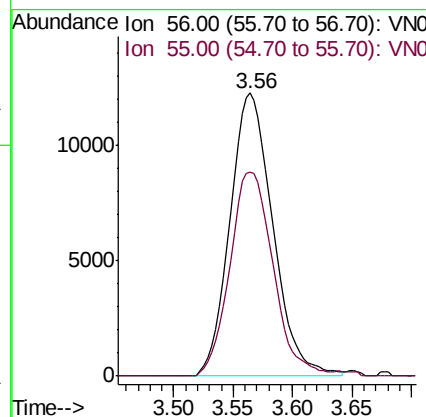
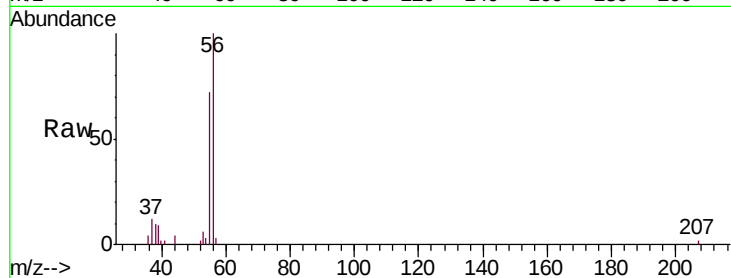
VSTDCCC050EC

Tgt Ion: 56 Resp: 30728

Ion Ratio Lower Upper

56 100

55 72.6 58.5 87.7



#14

Allyl chloride

Concen: 52.466 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

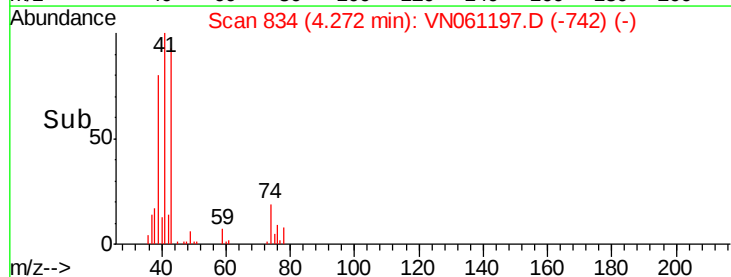
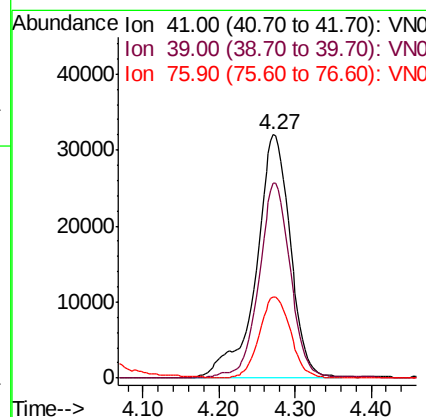
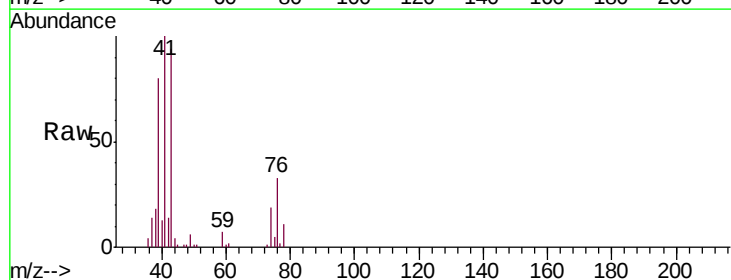
Tgt Ion: 41 Resp: 100236

Ion Ratio Lower Upper

41 100

39 73.8 57.1 85.7

76 30.4 24.3 36.5





#15

Acrylonitrile

Concen: 251.167 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

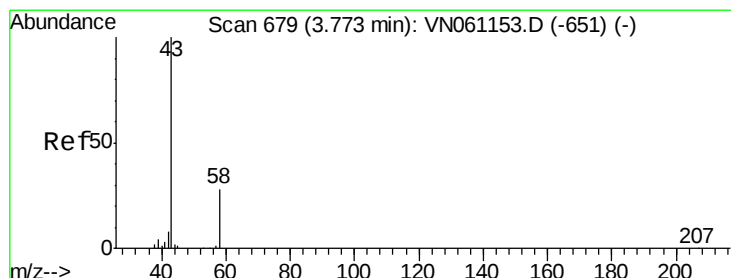
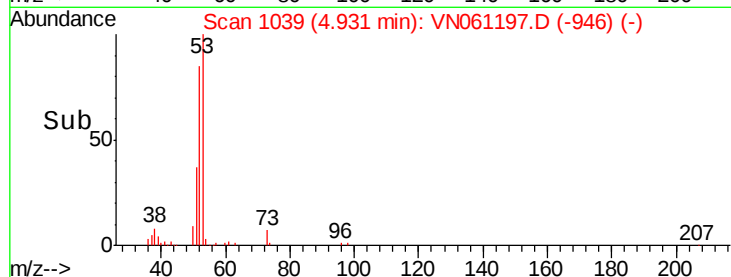
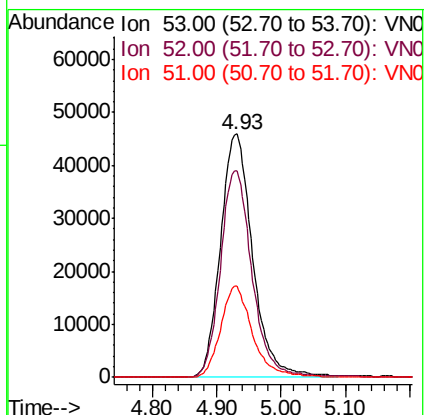
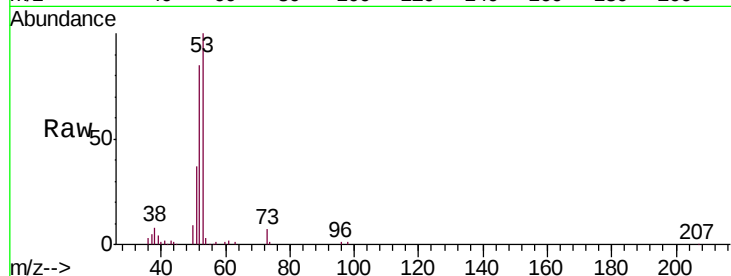
Tgt Ion: 53 Resp: 159601

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

51 37.2 29.5 44.3



#16

Acetone

Concen: 237.786 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061197.D

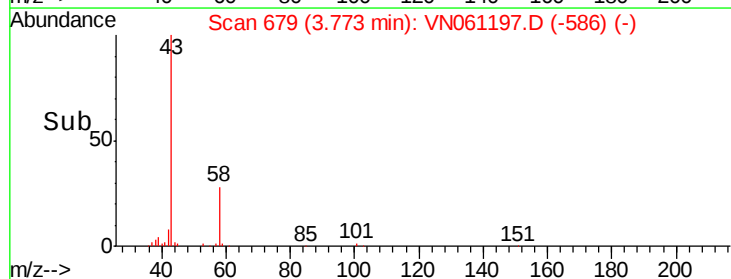
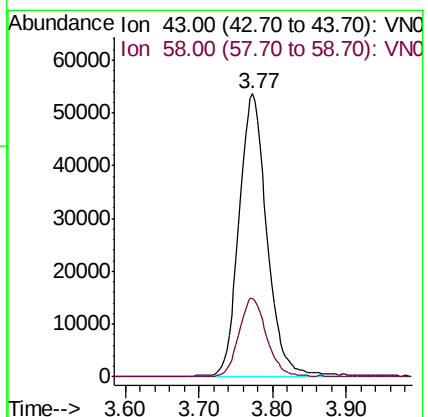
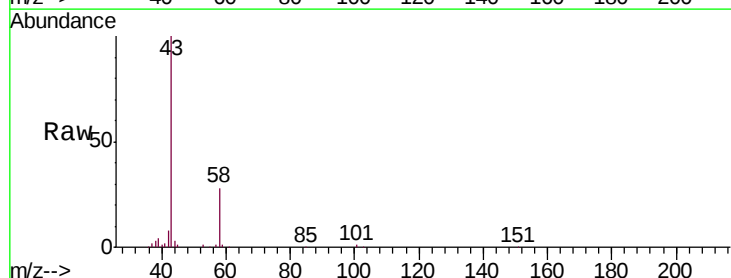
Acq: 29 Apr 2020 17:19

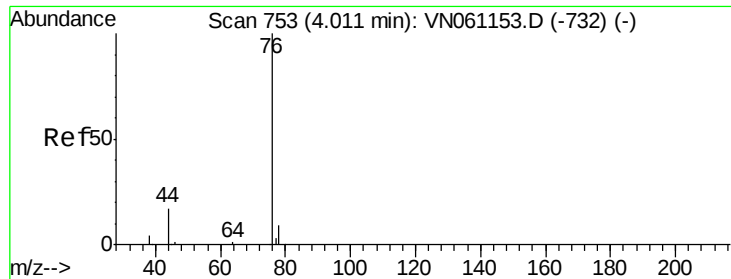
Tgt Ion: 43 Resp: 142269

Ion Ratio Lower Upper

43 100

58 27.6 22.2 33.2

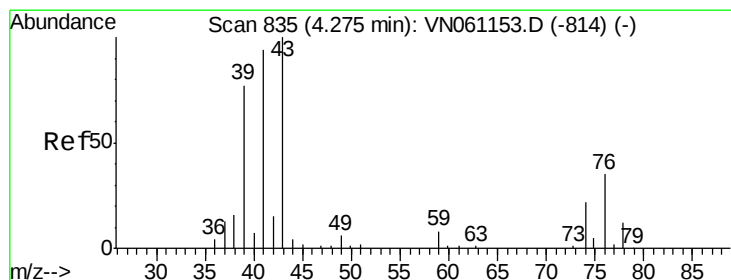
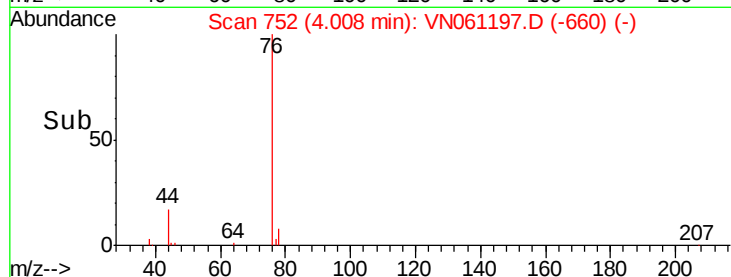
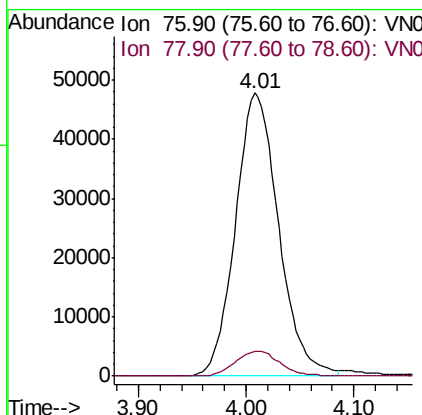
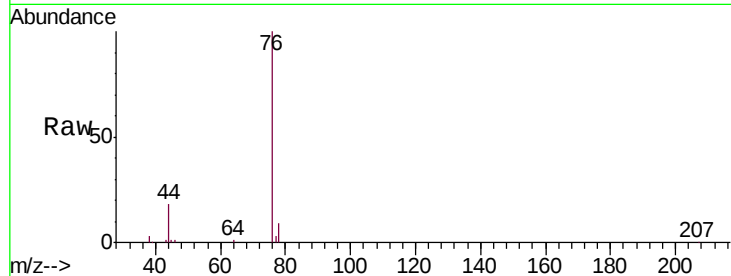




#17
Carbon Disulfide
Concen: 46.841 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

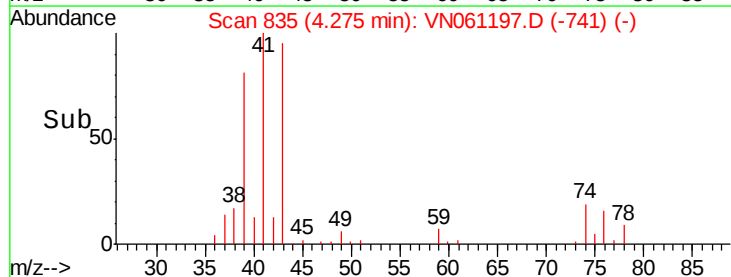
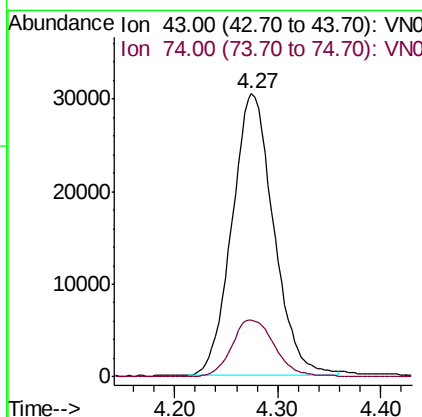
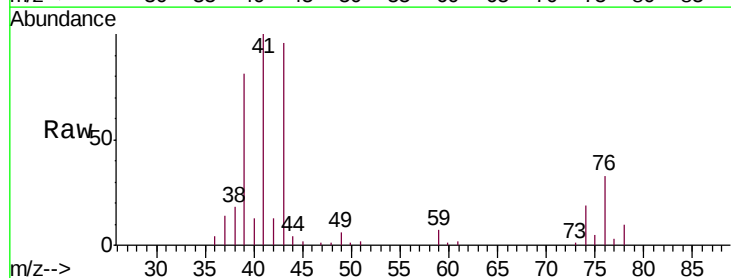
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

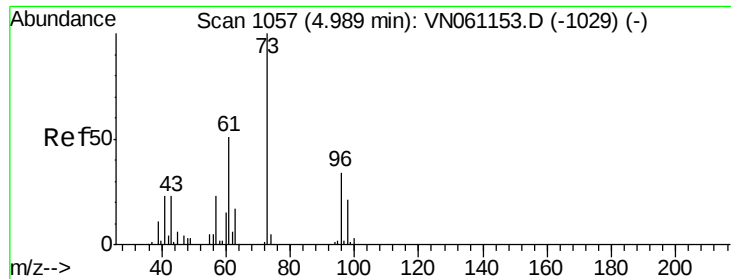
Tgt Ion: 76 Resp: 133321
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 43.840 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 43 Resp: 85349
Ion Ratio Lower Upper
43 100
74 20.9 17.0 25.4

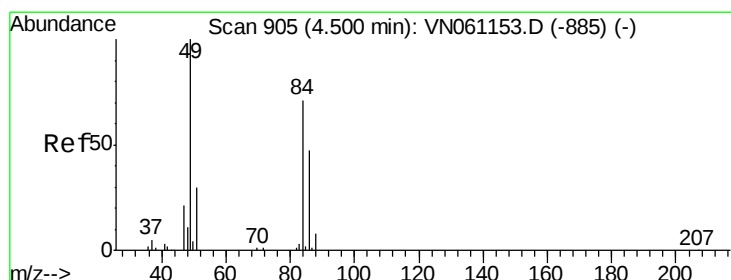
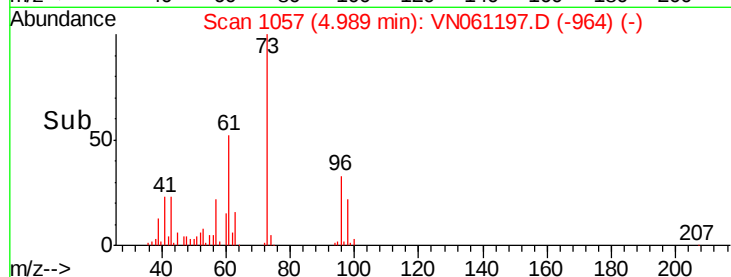
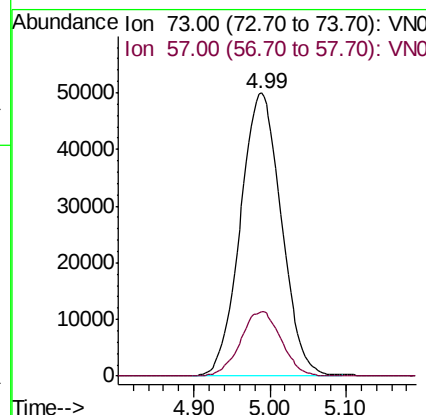
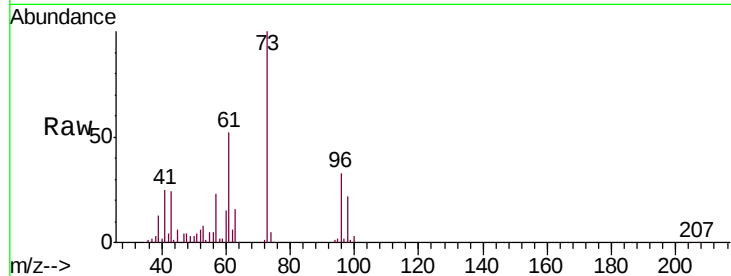




#19
Methyl tert-butyl Ether
Concen: 47.563 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

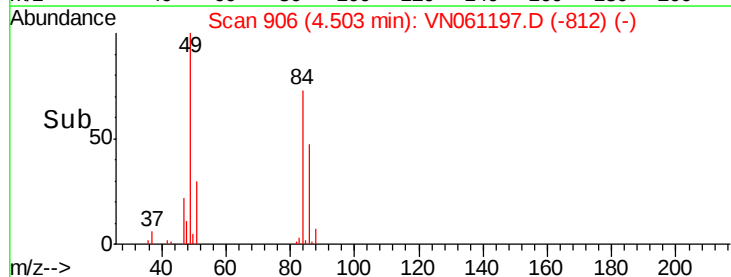
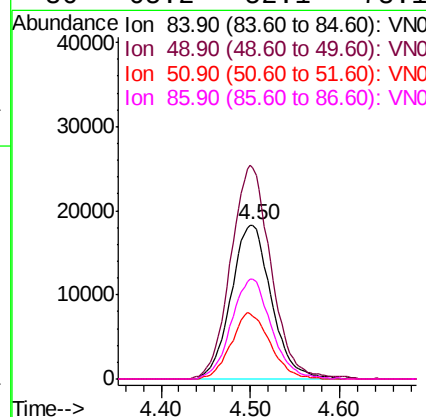
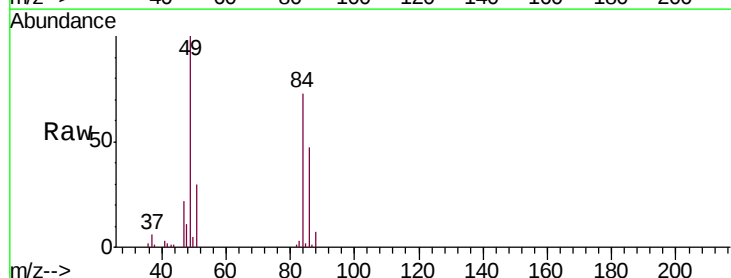
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

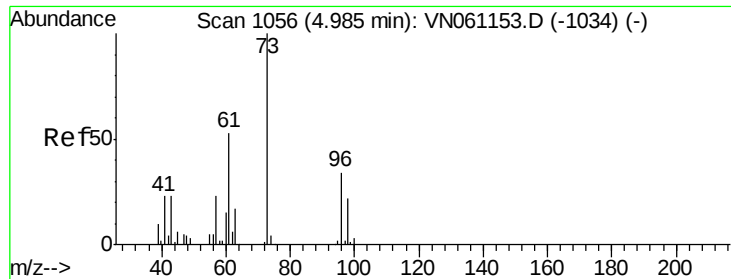
Tgt Ion: 73 Resp: 187267
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 47.490 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 84 Resp: 57222
Ion Ratio Lower Upper
84 100
49 137.1 112.0 168.0
51 41.2 33.6 50.4
86 65.2 52.1 78.1

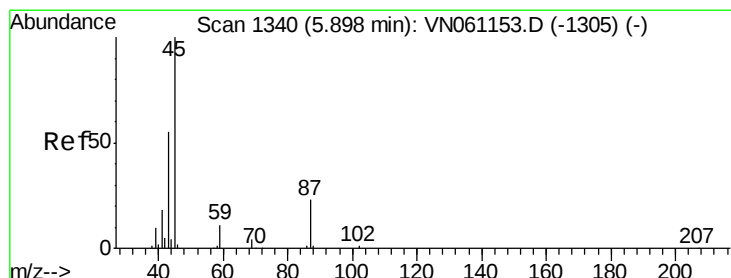
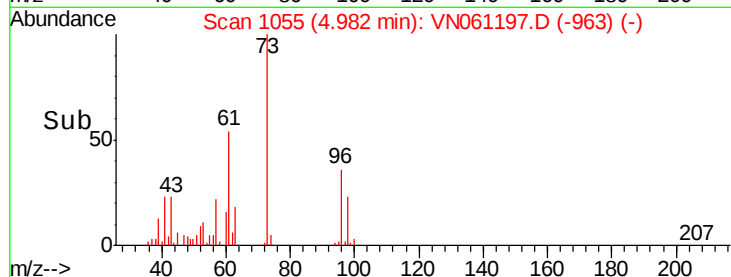
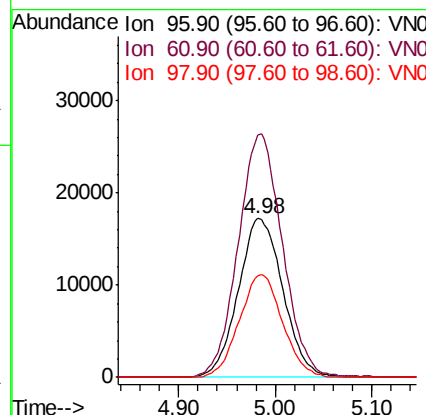
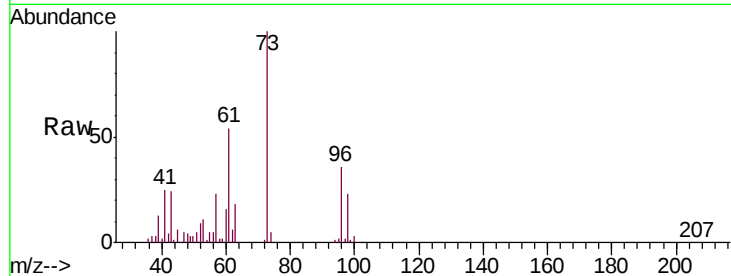




#21
trans-1,2-Dichloroethene
Concen: 49.222 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

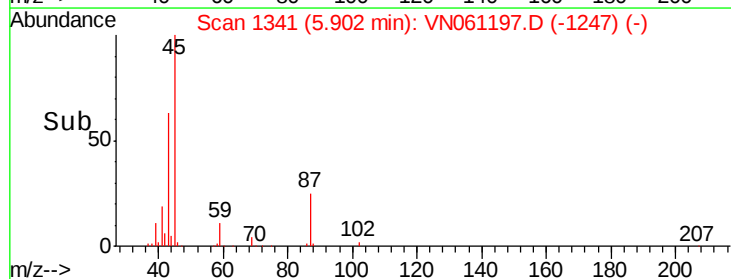
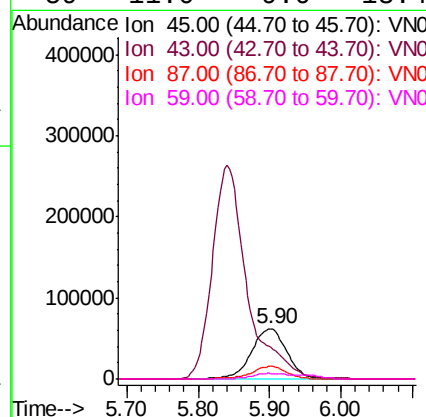
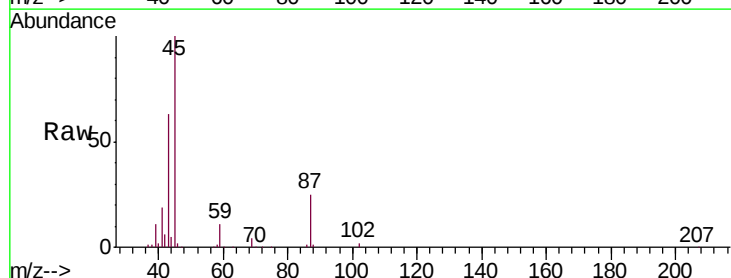
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

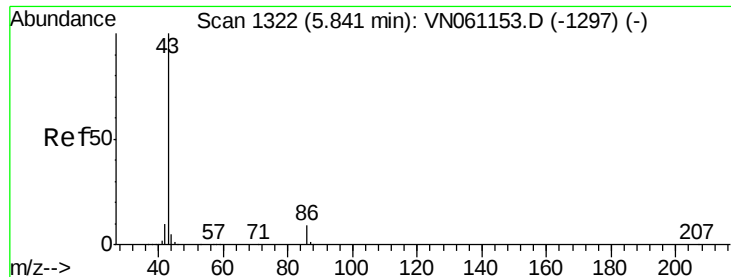
Tgt Ion: 96 Resp: 55227
Ion Ratio Lower Upper
96 100
61 152.5 123.0 184.4
98 64.0 50.1 75.1



#22
Diisopropyl ether
Concen: 48.234 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 45 Resp: 213694
Ion Ratio Lower Upper
45 100
43 61.0 47.9 71.9
87 24.7 19.2 28.8
59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 249.072 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

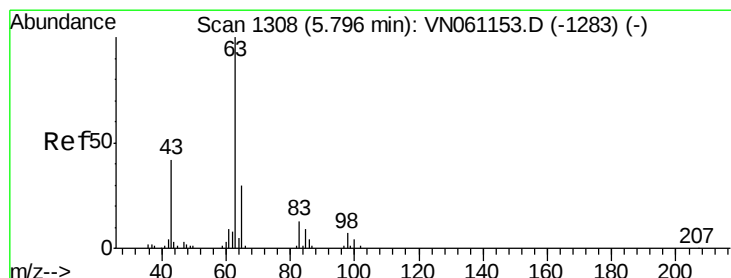
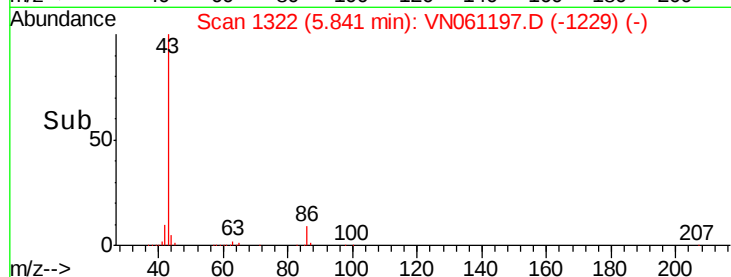
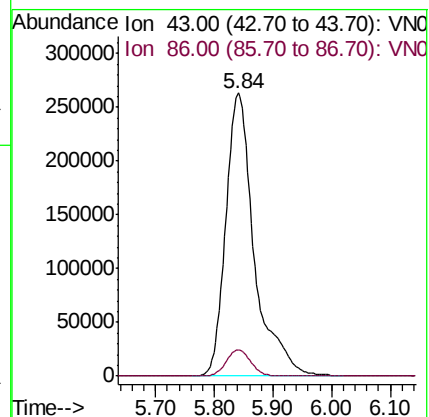
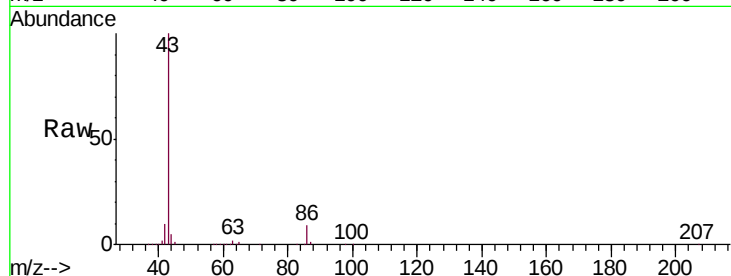
VSTDCCC050EC

Tgt Ion: 43 Resp: 888490

Ion Ratio Lower Upper

43 100

86 9.3 7.2 10.8



#24

1,1-Dichloroethane

Concen: 48.405 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

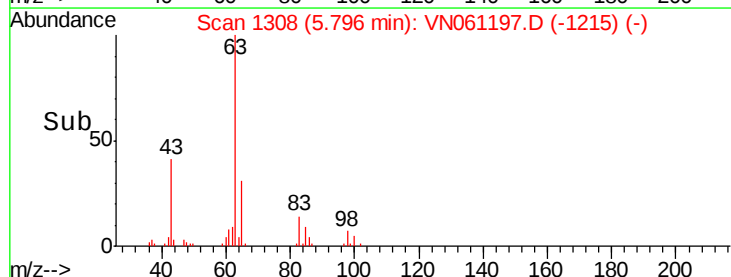
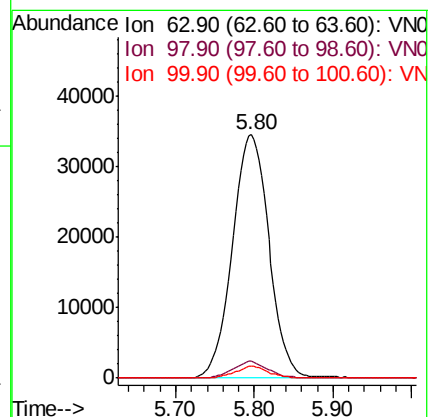
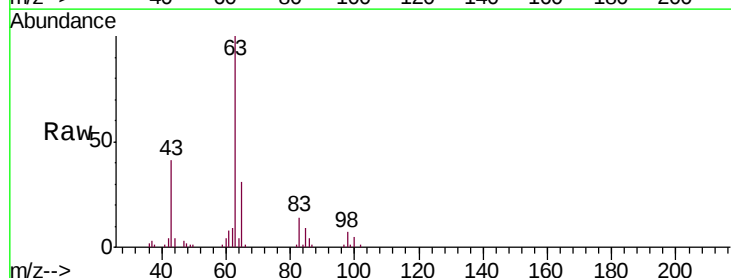
Tgt Ion: 63 Resp: 112045

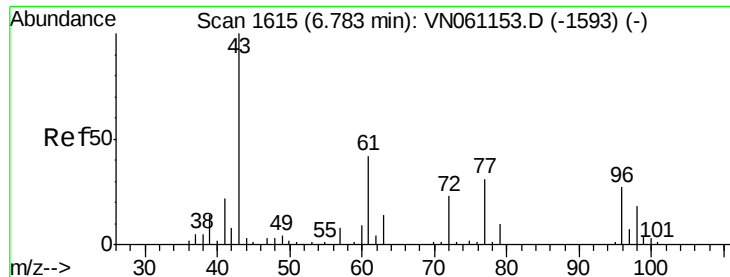
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.8 1.9 5.7





#25

2-Butanone

Concen: 250.476 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

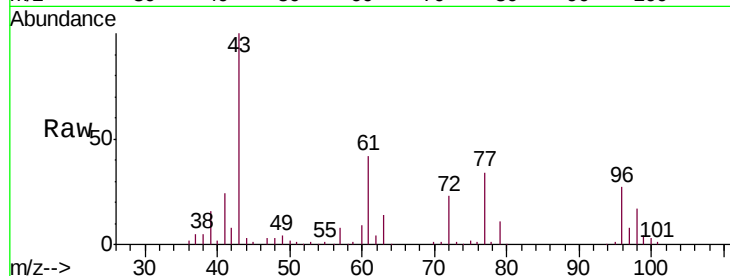
VSTDCCC050EC

Tgt Ion: 43 Resp: 229031

Ion Ratio Lower Upper

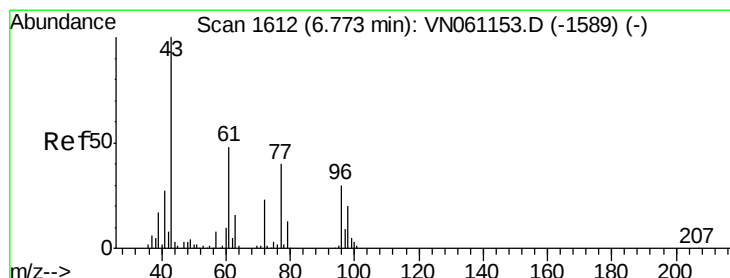
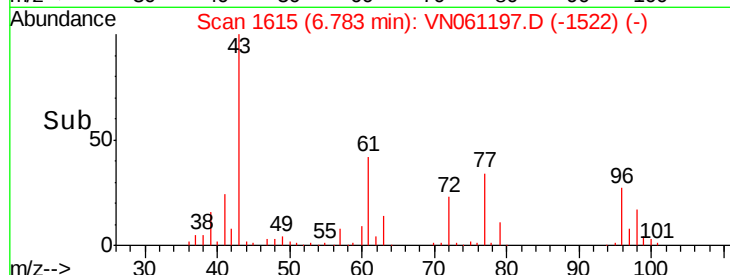
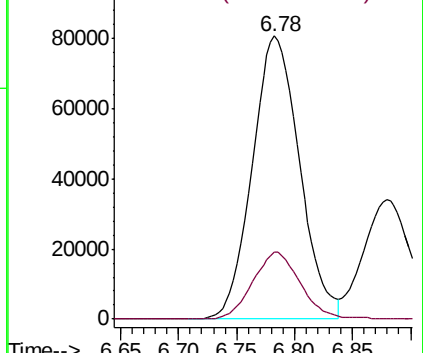
43 100

72 23.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.773 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061197.D

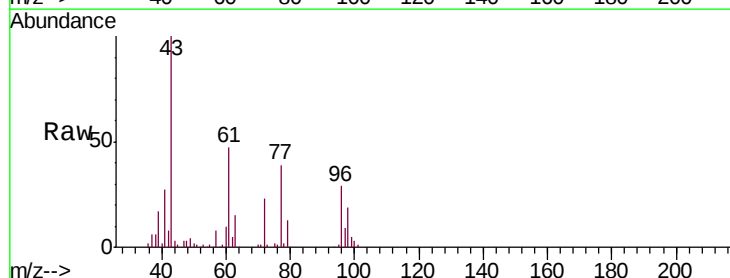
Acq: 29 Apr 2020 17:19

Tgt Ion: 77 Resp: 95093

Ion Ratio Lower Upper

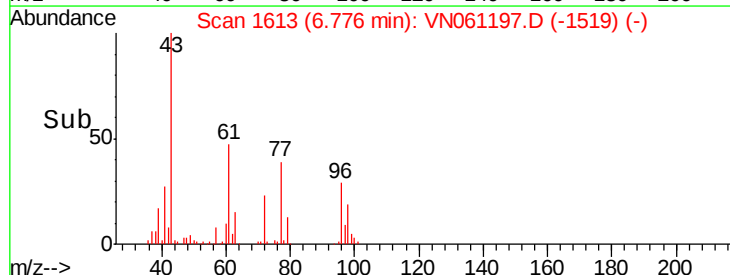
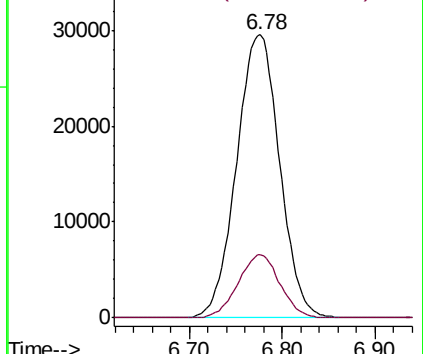
77 100

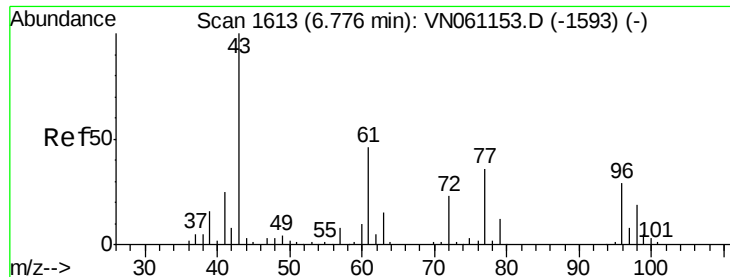
97 21.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.934 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

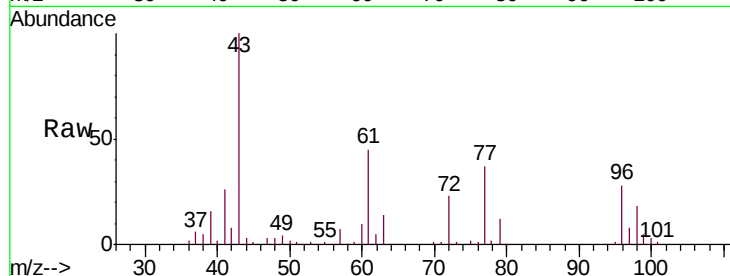
Tgt Ion: 96 Resp: 64430

Ion Ratio Lower Upper

96 100

61 161.3 0.0 322.0

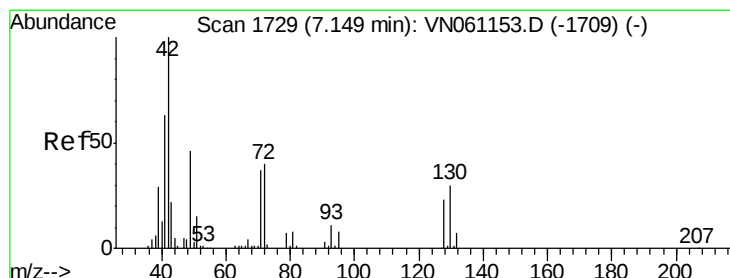
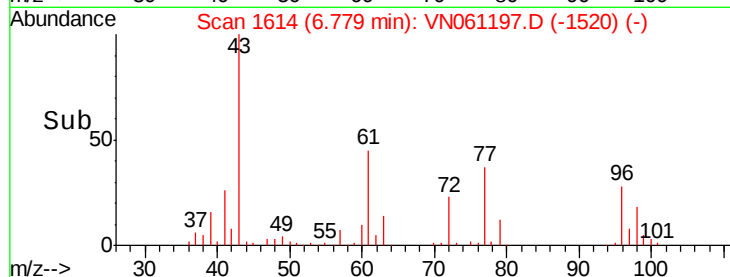
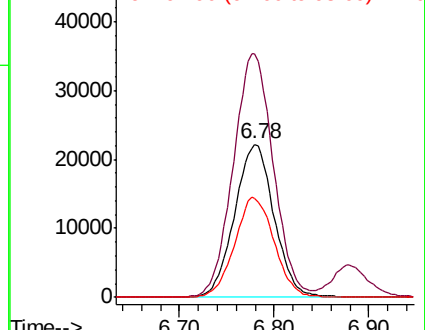
98 65.2 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061197.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061197.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061197.D (-1520) (-)



#28

Bromochloromethane

Concen: 47.832 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

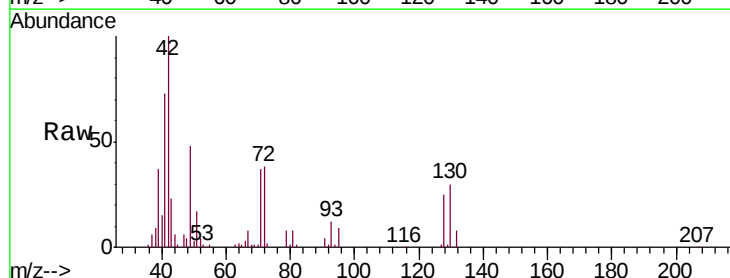
Tgt Ion: 49 Resp: 52479

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

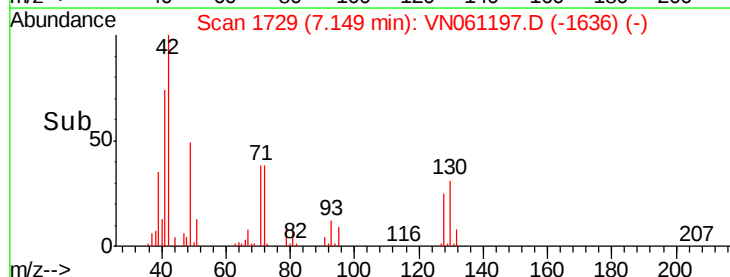
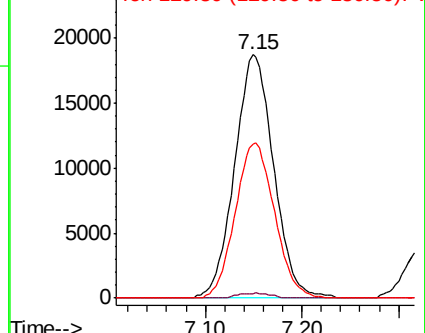
130 64.0 51.4 77.2

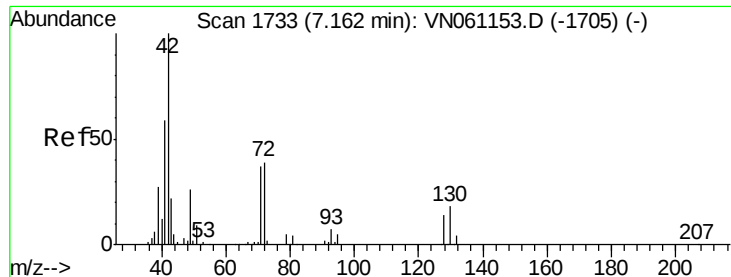


Abundance Ion 48.90 (48.60 to 49.60): VN061197.D (-1636) (-)

Ion 128.80 (128.50 to 129.50): VN061197.D (-1636) (-)

Ion 129.80 (129.50 to 130.50): VN061197.D (-1636) (-)

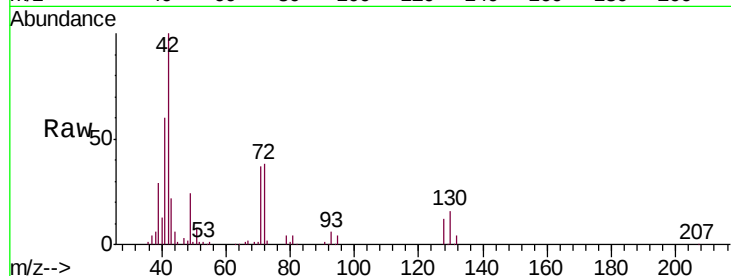




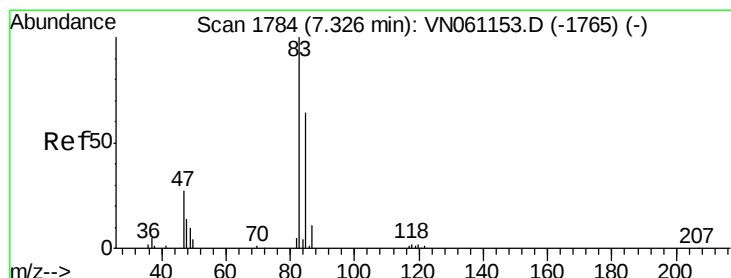
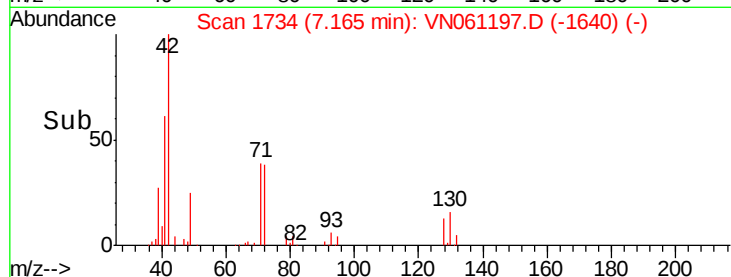
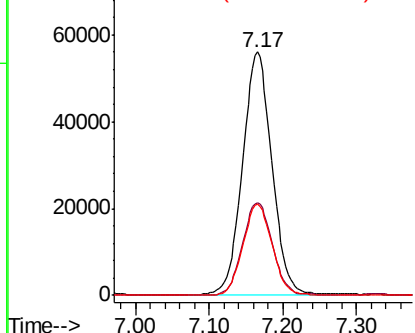
#29
Tetrahydrofuran
Concen: 254.698 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 156881
Ion Ratio Lower Upper
42 100
72 38.6 31.4 47.0
71 37.0 29.5 44.3

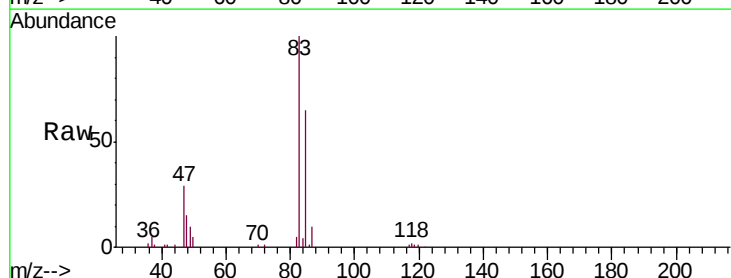


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

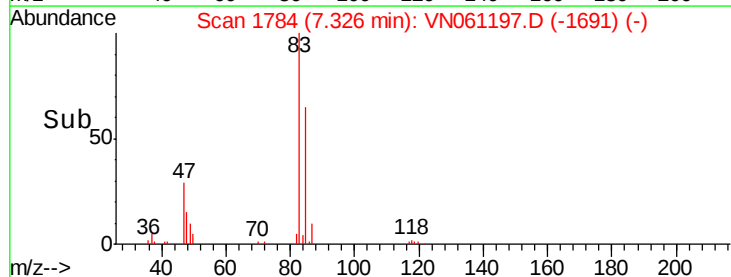
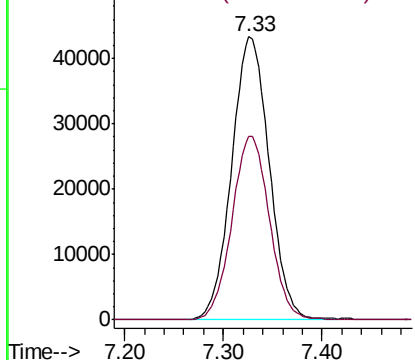


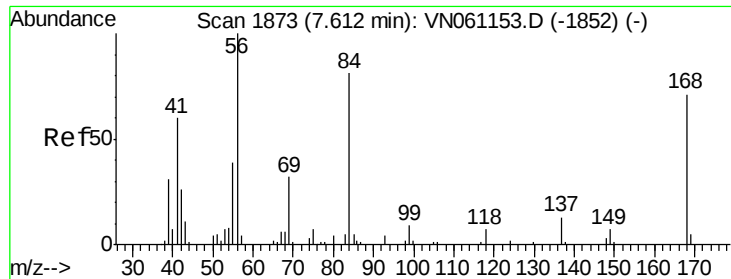
#30
Chloroform
Concen: 48.877 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 83 Resp: 114654
Ion Ratio Lower Upper
83 100
85 64.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

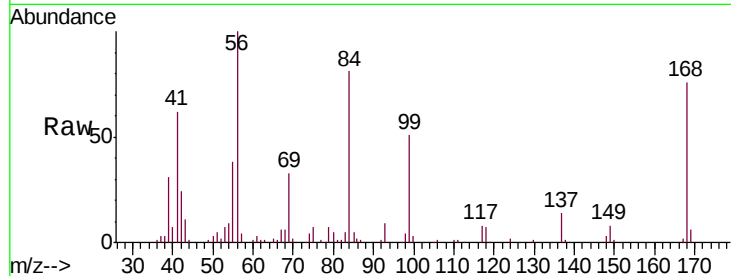




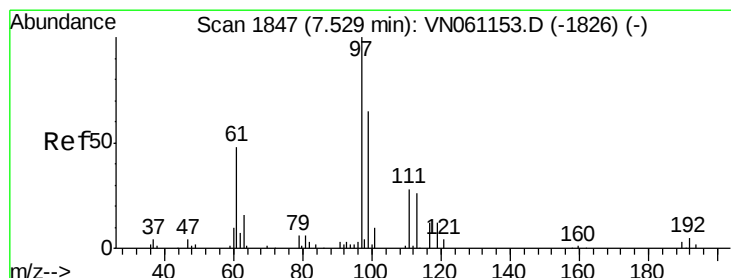
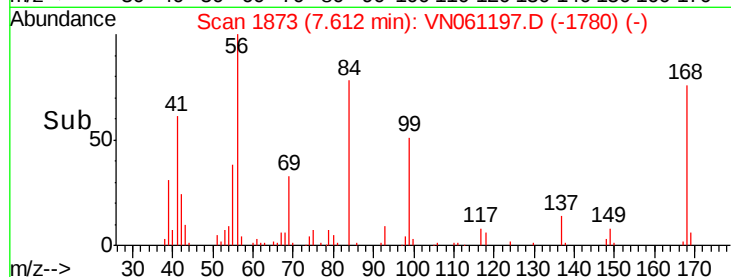
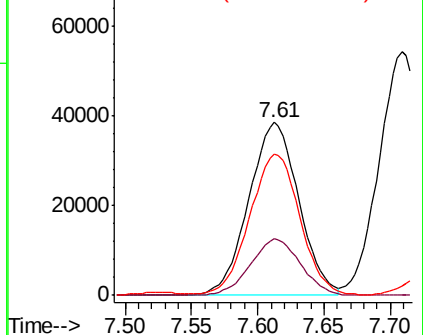
#31
Cyclohexane
Concen: 45.001 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 101162
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 80.4 64.6 97.0

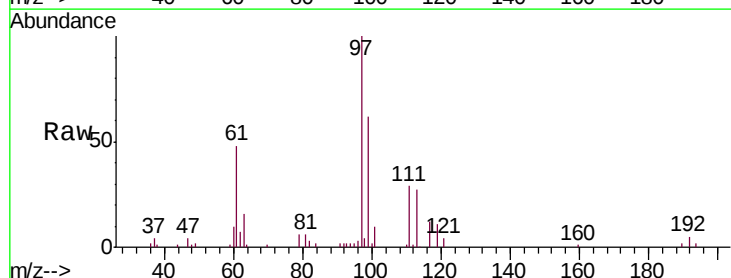


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

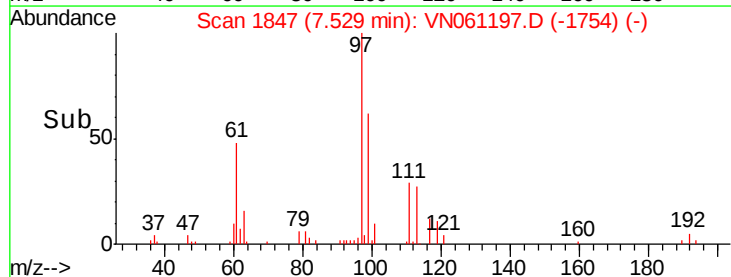
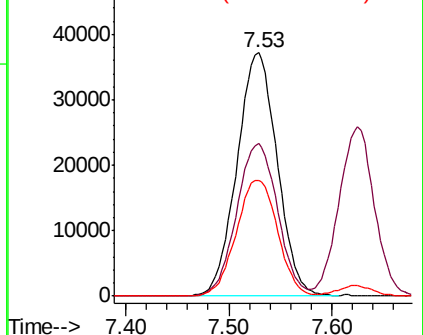


#32
1,1,1-Trichloroethane
Concen: 49.309 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 97 Resp: 100722
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 49.0 38.6 57.8



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

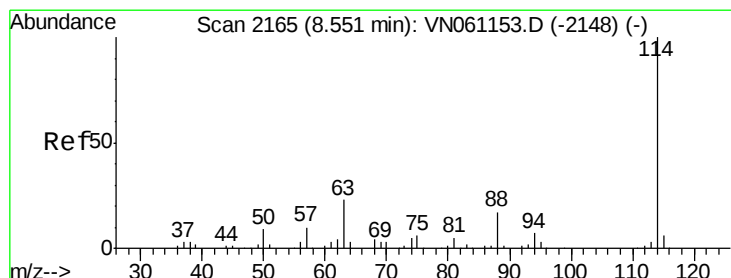
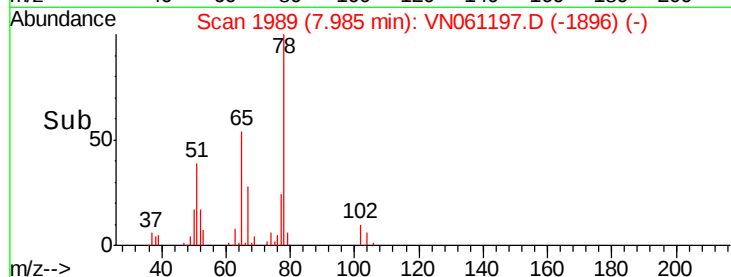
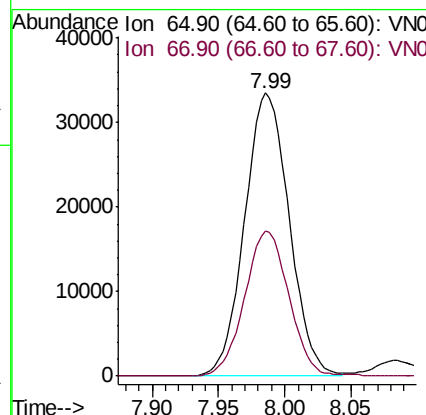
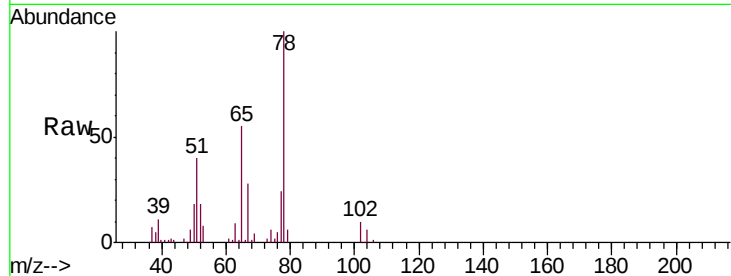




#33
 1,2-Dichloroethane-d4
 Concen: 50.710 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

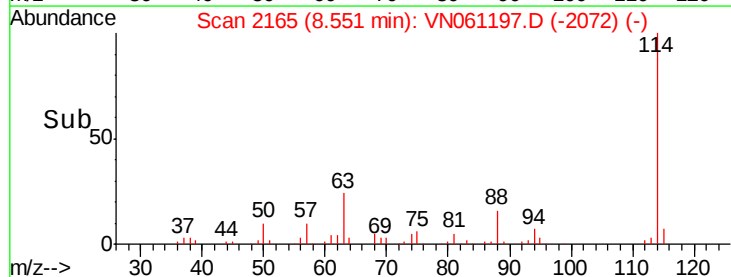
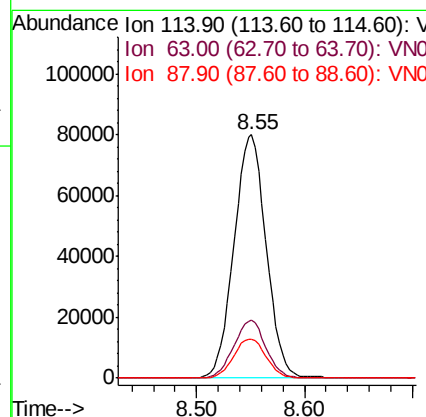
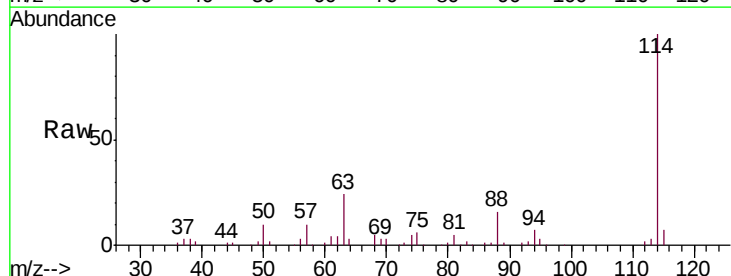
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 78360
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 114 Resp: 166303
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.0 0.0 33.4

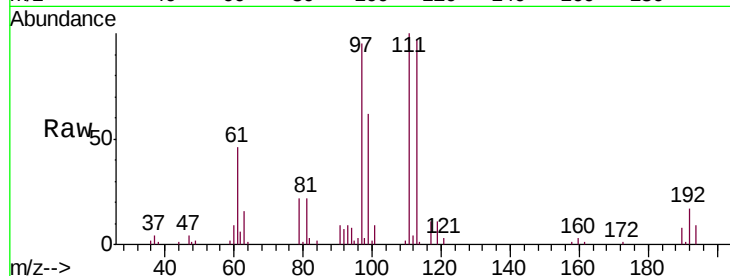




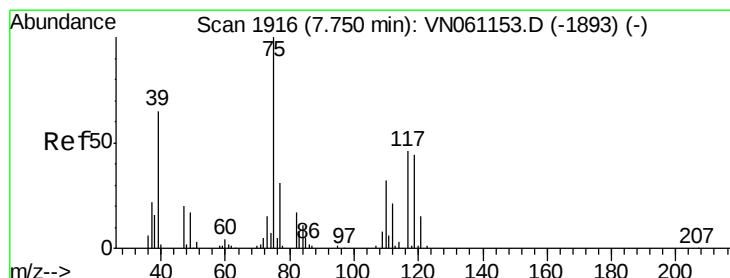
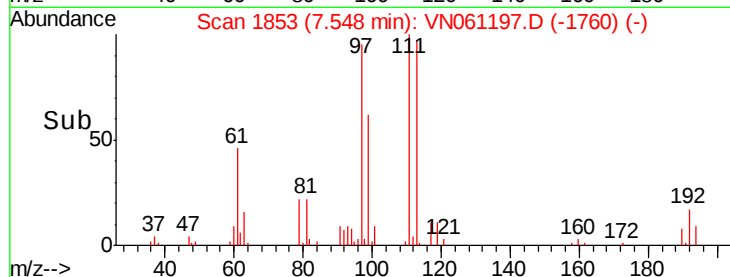
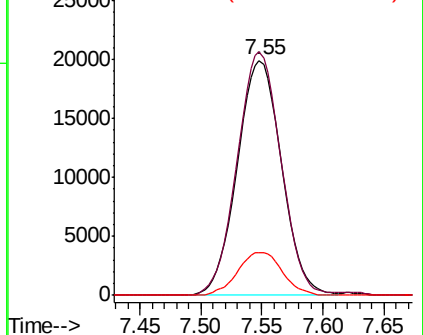
#35
 Dibromofluoromethane
 Concen: 51.082 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 50233
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.4 14.7 22.1

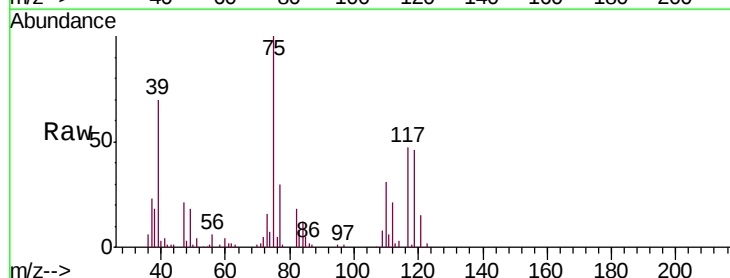


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

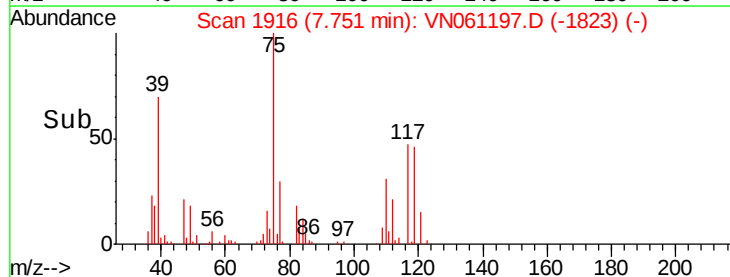
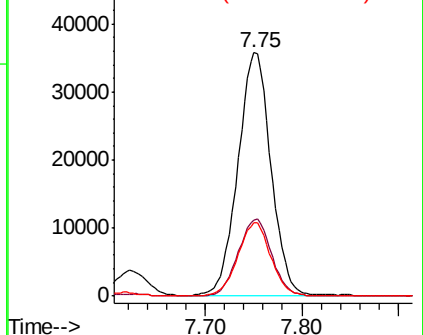


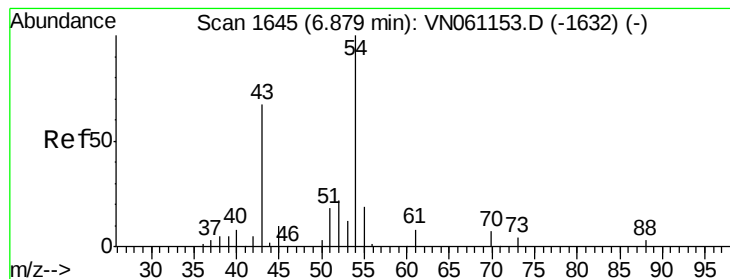
#36
 1,1-Dichloropropene
 Concen: 51.307 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 75 Resp: 85415
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.0 48.0
 77 30.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 49.980 ug/l

RT: 6.88 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

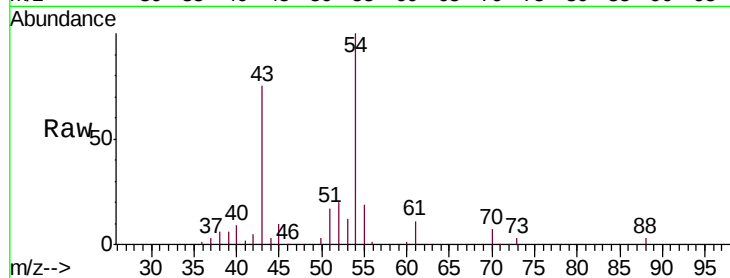
Tgt Ion: 43 Resp: 97544

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.2

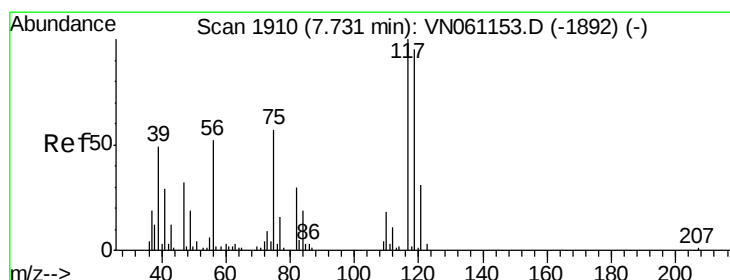
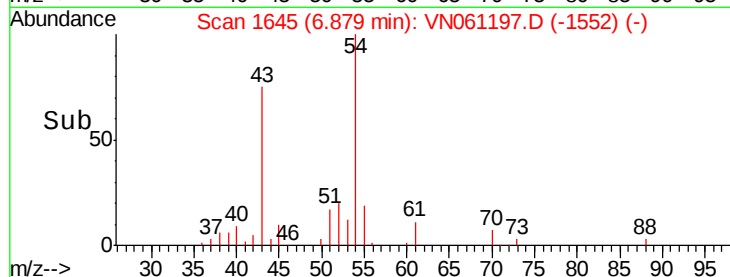
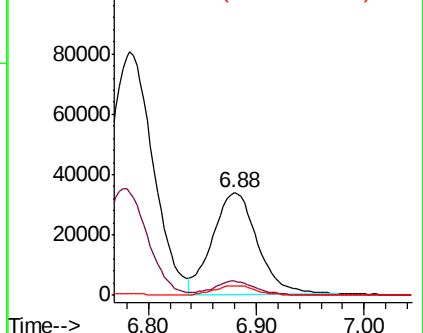
70 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061197.D (-1552) (-)

Ion 60.90 (60.60 to 61.60): VN061197.D (-1552) (-)

Ion 70.00 (69.70 to 70.70): VN061197.D (-1552) (-)



#38

Carbon Tetrachloride

Concen: 50.272 ug/l

RT: 7.73 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

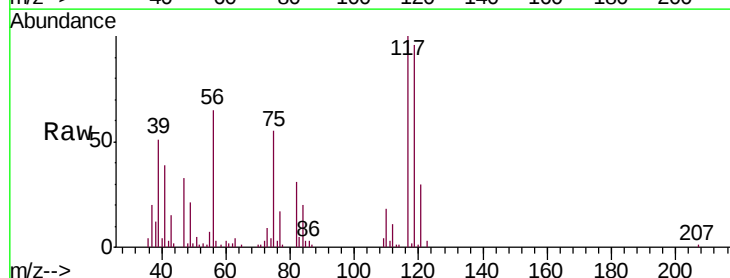
Tgt Ion: 117 Resp: 76379

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

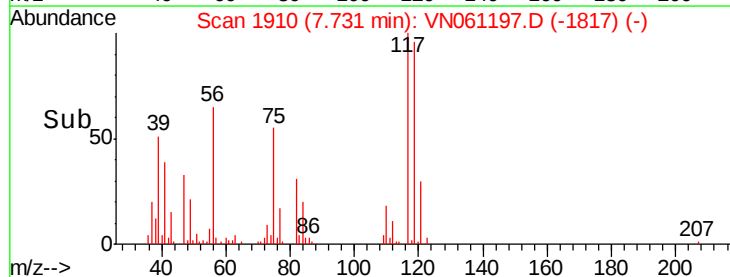
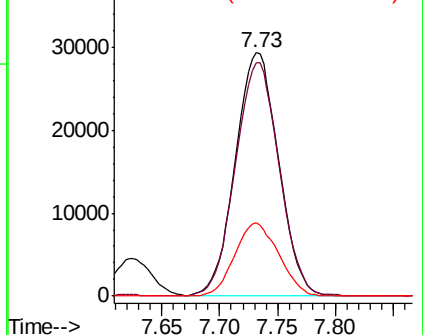
121 30.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061197.D (-1817) (-)

Ion 118.80 (118.50 to 119.50): VN061197.D (-1817) (-)

Ion 120.80 (120.50 to 121.50): VN061197.D (-1817) (-)

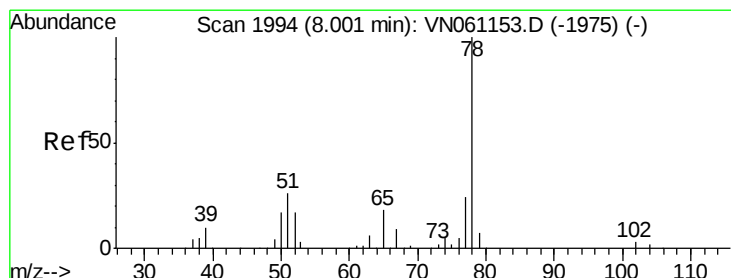
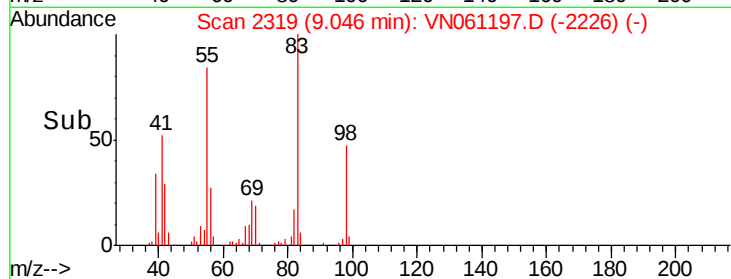
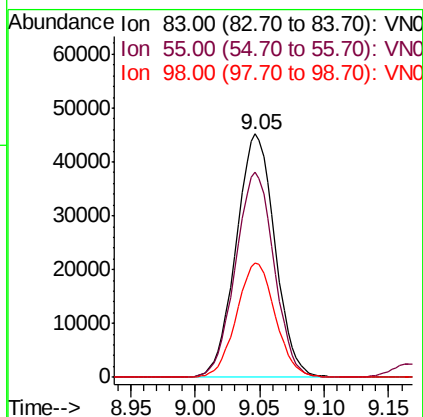
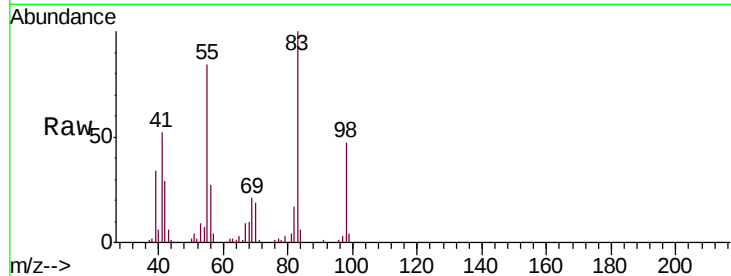




#39
Methylcyclohexane
Concen: 50.741 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

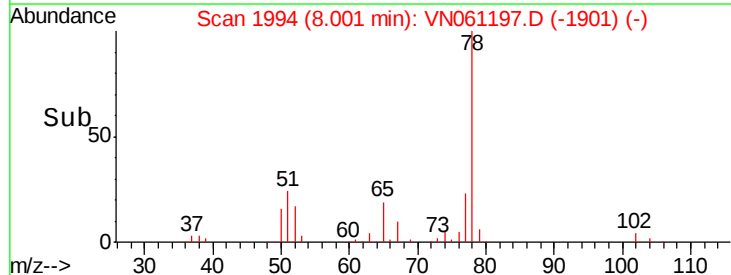
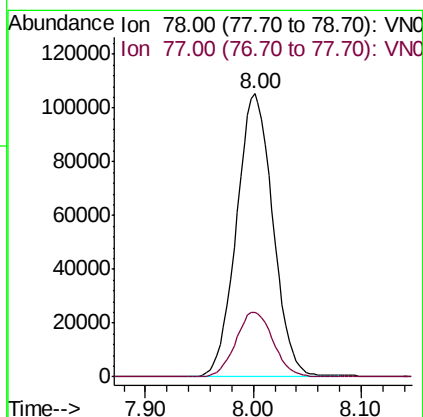
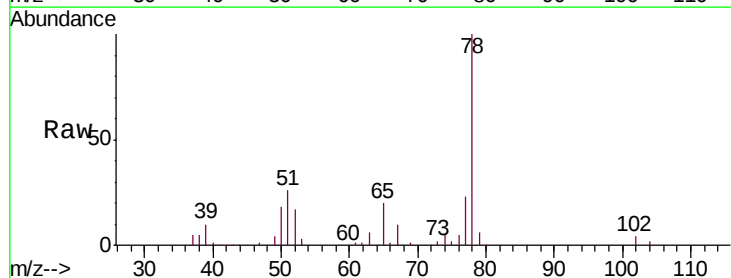
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

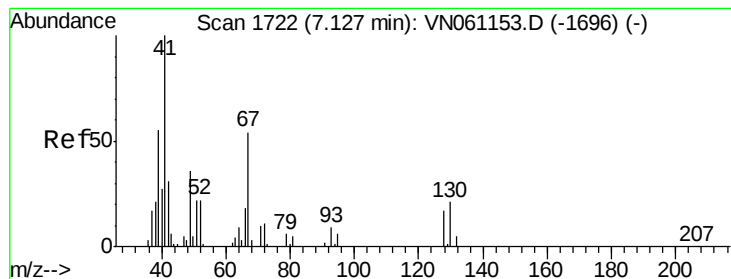
Tgt Ion: 83 Resp: 94732
Ion Ratio Lower Upper
83 100
55 84.0 67.3 100.9
98 47.0 37.7 56.5



#40
Benzene
Concen: 49.931 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 78 Resp: 247647
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41

Methacrylonitrile

Concen: 179.184 ug/l

RT: 7.17 min Scan# 1734

Delta R.T. 0.04 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 145198

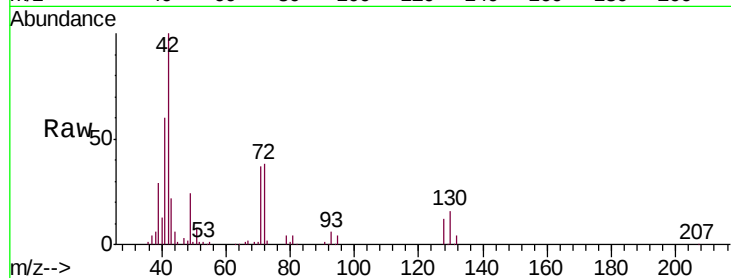
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



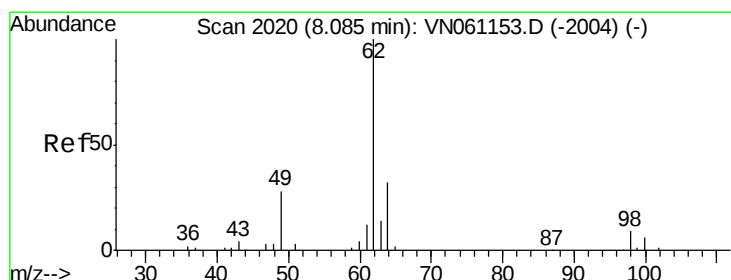
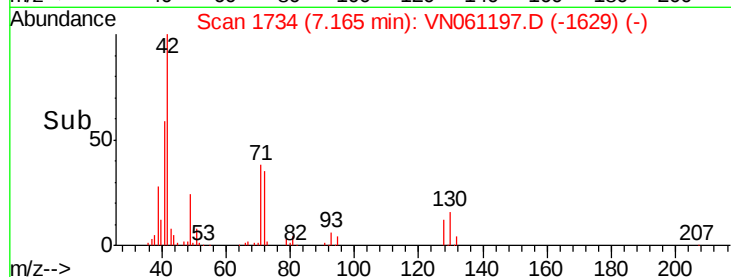
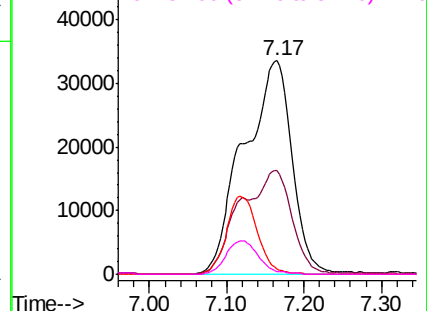
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 51.944 ug/l

RT: 8.08 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN061197.D

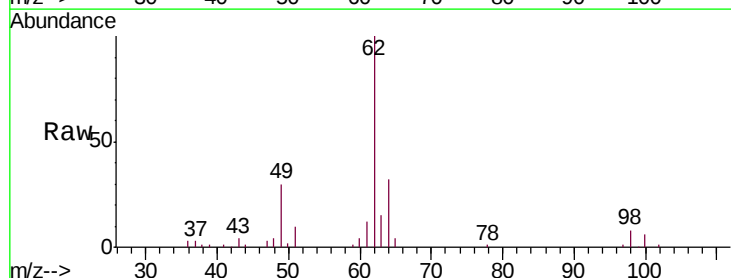
Acq: 29 Apr 2020 17:19

Tgt Ion: 62 Resp: 97599

Ion Ratio Lower Upper

62 100

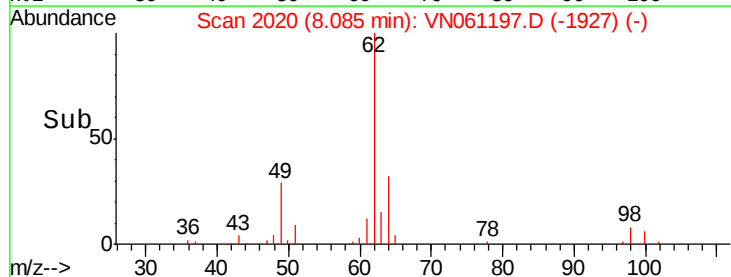
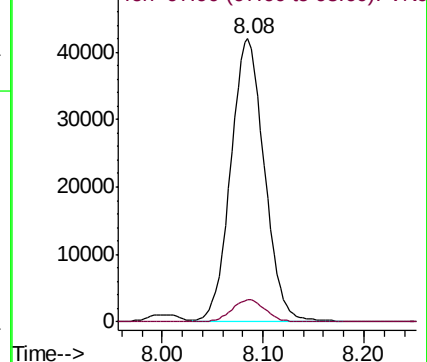
98 7.7 0.0 16.8

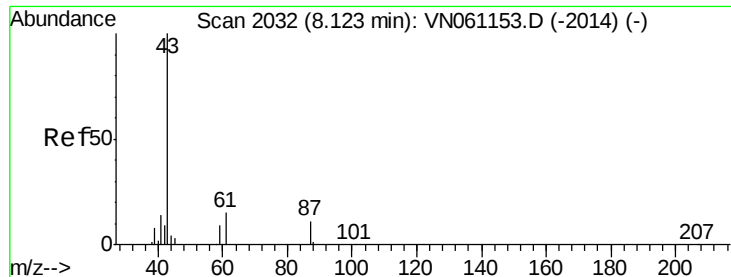


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.610 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

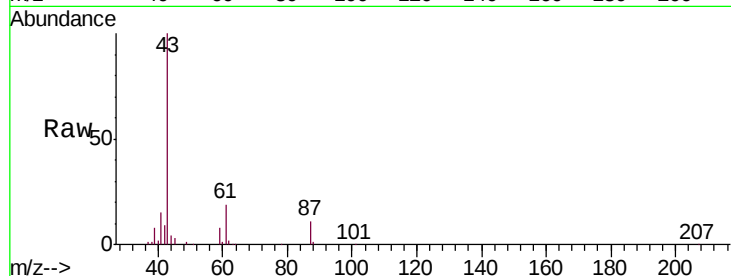
Tgt Ion: 43 Resp: 163926

Ion Ratio Lower Upper

43 100

61 18.8 19.5 29.3#

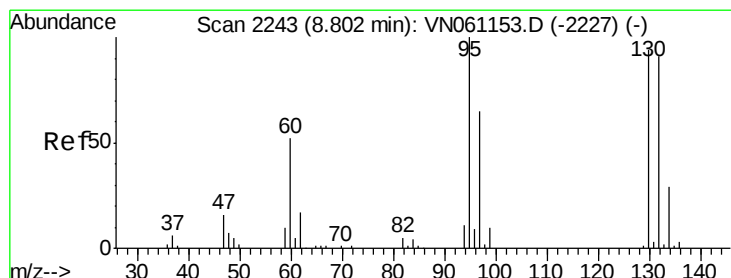
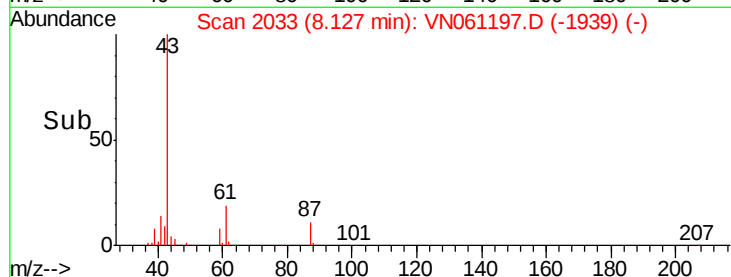
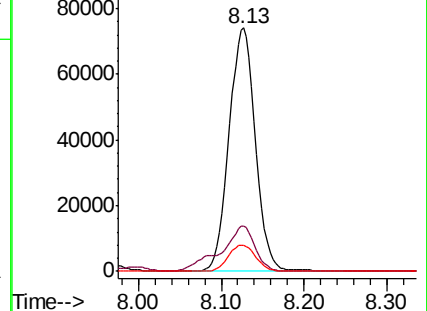
87 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 48.212 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061197.D

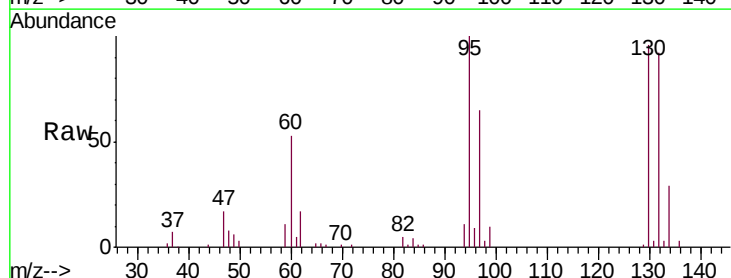
Acq: 29 Apr 2020 17:19

Tgt Ion: 130 Resp: 64641

Ion Ratio Lower Upper

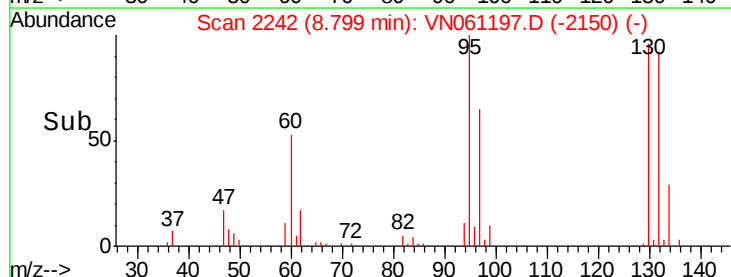
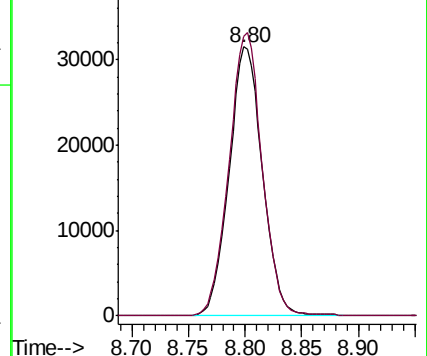
130 100

95 104.0 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 49.582 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

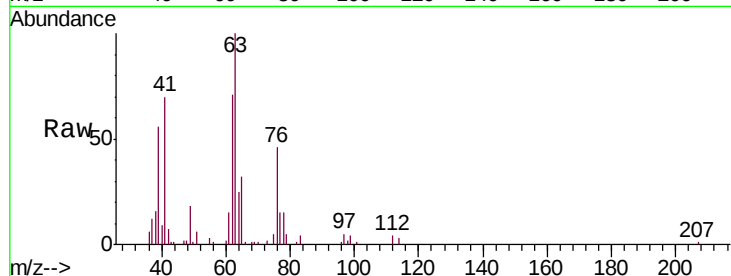
VSTDCCC050EC

Tgt Ion: 63 Resp: 65698

Ion Ratio Lower Upper

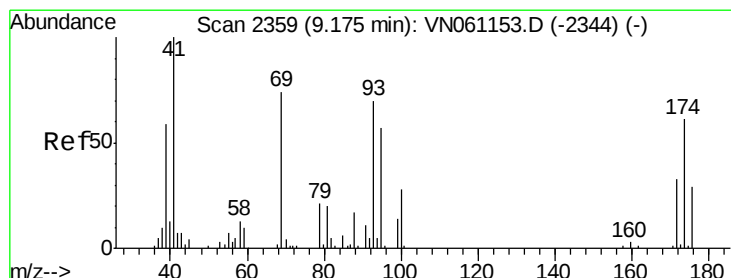
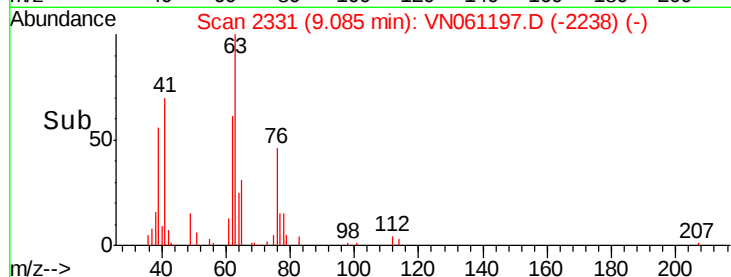
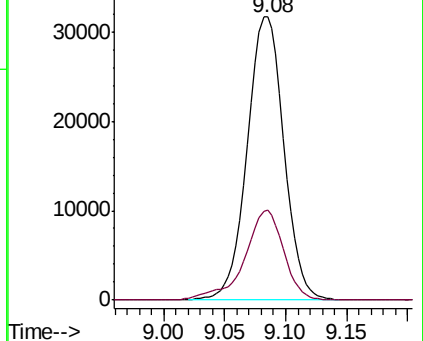
63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.939 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

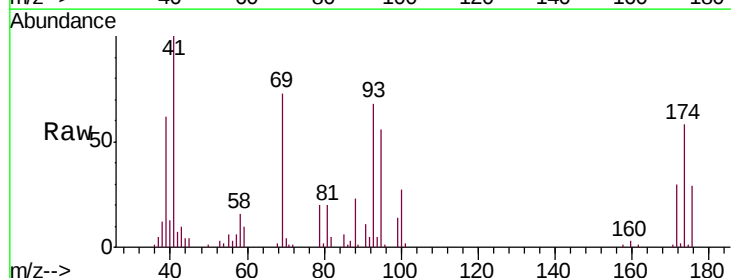
Tgt Ion: 93 Resp: 43433

Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

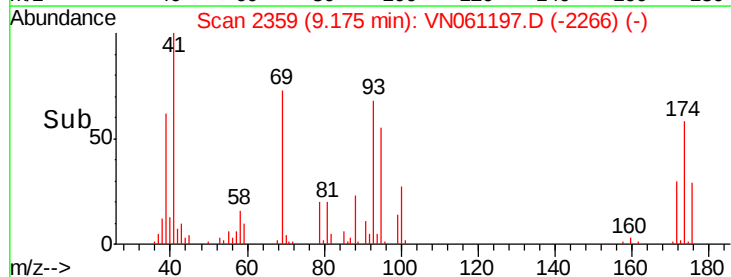
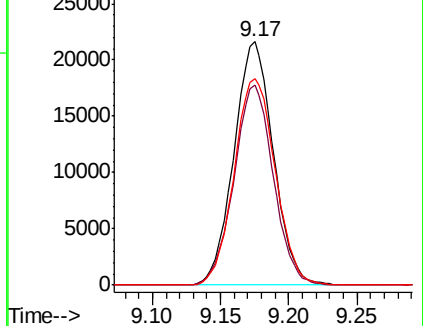
174 88.2 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.066 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

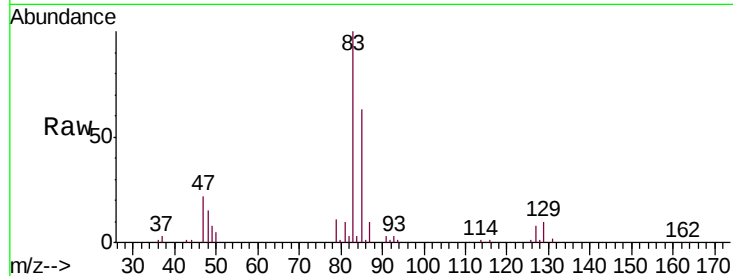
Tgt Ion: 83 Resp: 91686

Ion Ratio Lower Upper

83 100

85 62.7 50.4 75.6

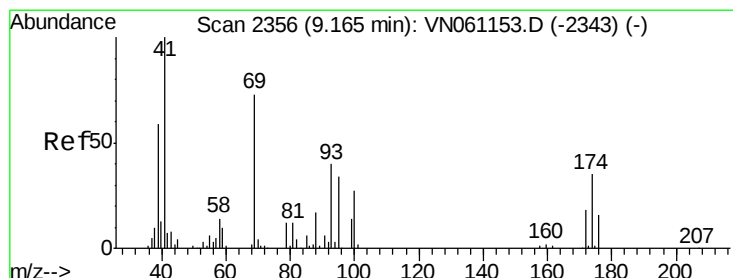
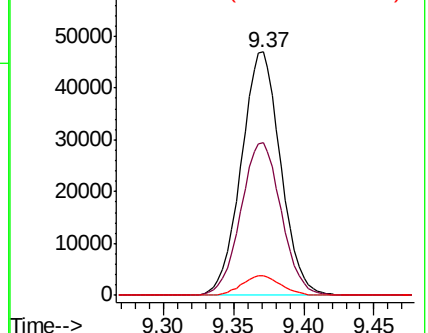
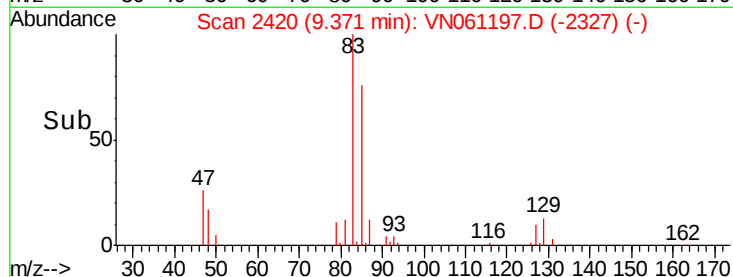
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061197.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061197.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061197.D (-2327) (-)



#48

Methyl methacrylate

Concen: 52.329 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

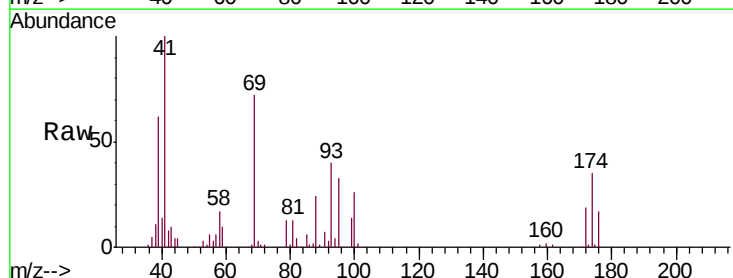
Tgt Ion: 41 Resp: 76484

Ion Ratio Lower Upper

41 100

69 74.0 60.3 90.5

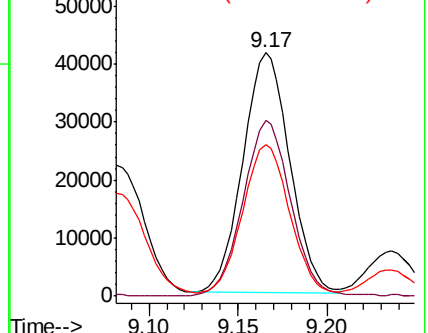
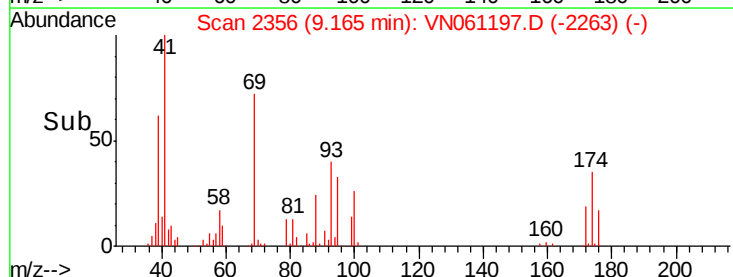
39 64.3 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061197.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061197.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061197.D (-2263) (-)

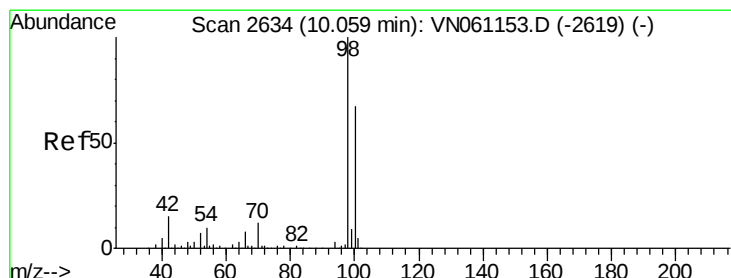
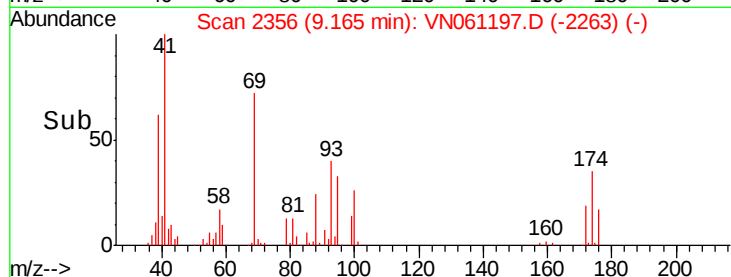
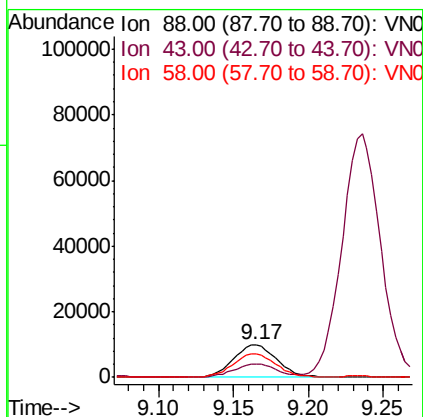
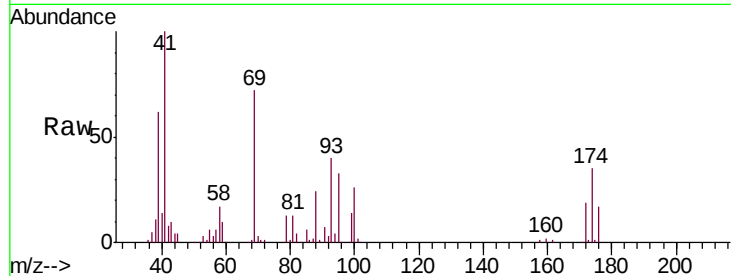




#49
1,4-Dioxane
Concen: 1209.567 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

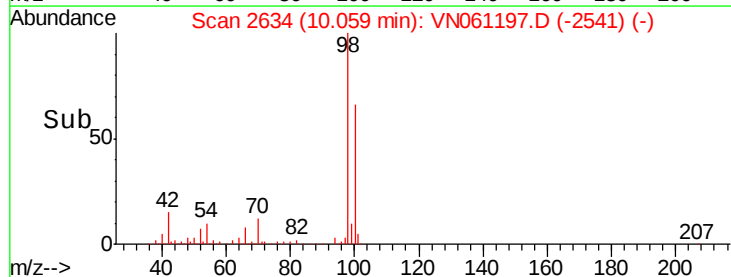
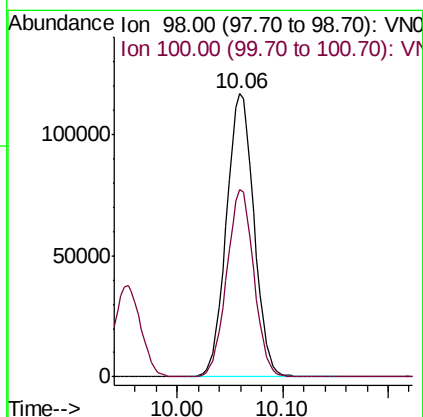
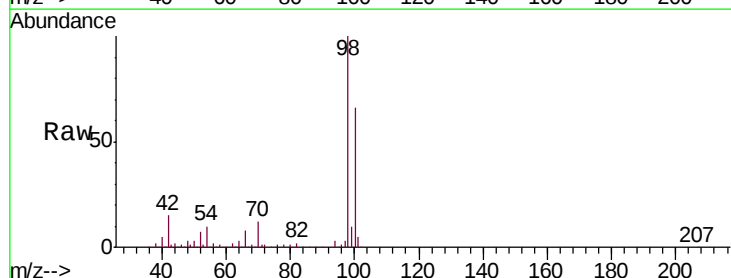
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20068
Ion Ratio Lower Upper
88 100
43 41.5 35.3 52.9
58 72.6 61.5 92.3



#50
Toluene-d8
Concen: 52.707 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 98 Resp: 211293
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 265.062 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

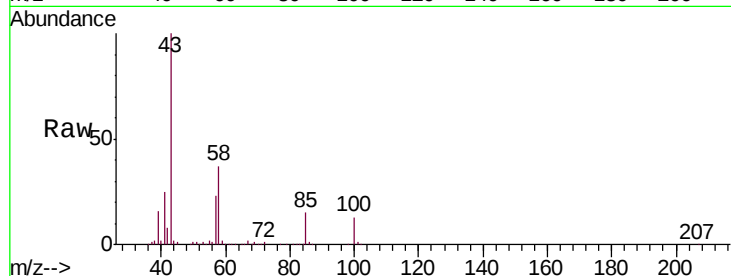
VSTDCCC050EC

Tgt Ion: 43 Resp: 505349

Ion Ratio Lower Upper

43 100

58 36.2 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

300000

250000

200000

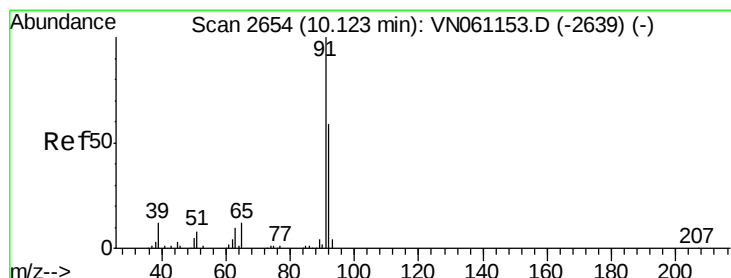
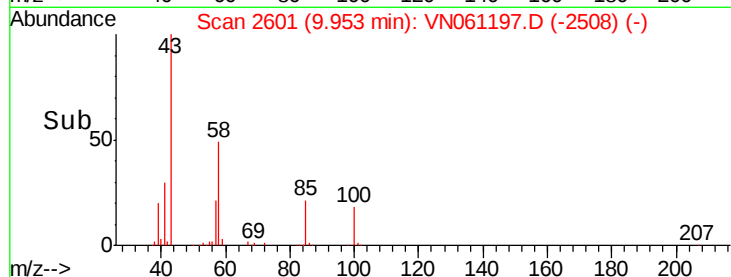
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.727 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061197.D

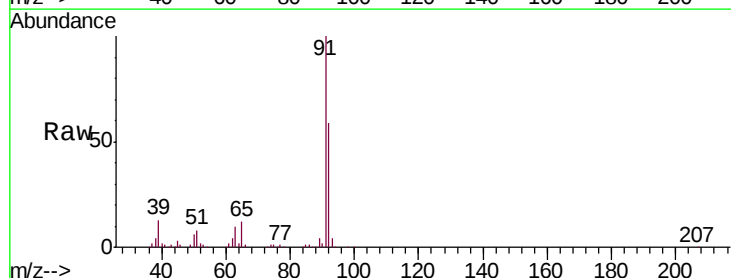
Acq: 29 Apr 2020 17:19

Tgt Ion: 92 Resp: 154531

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

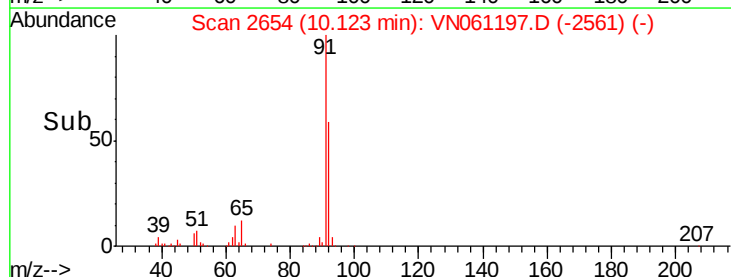
150000

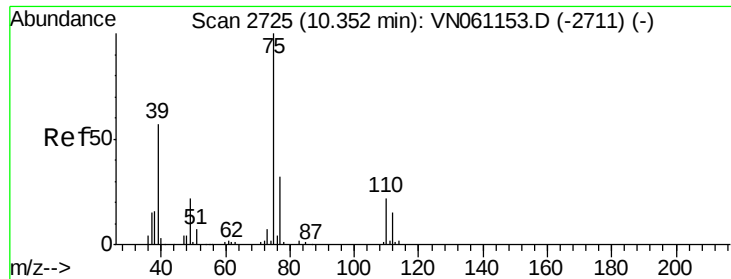
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.196 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

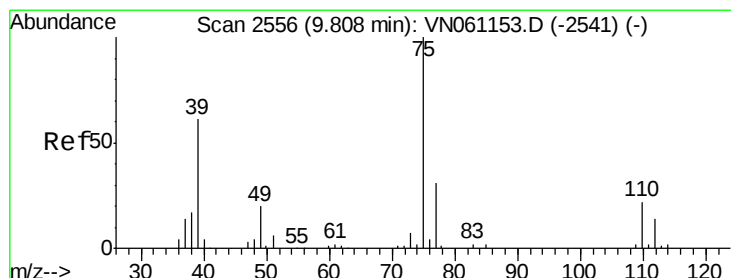
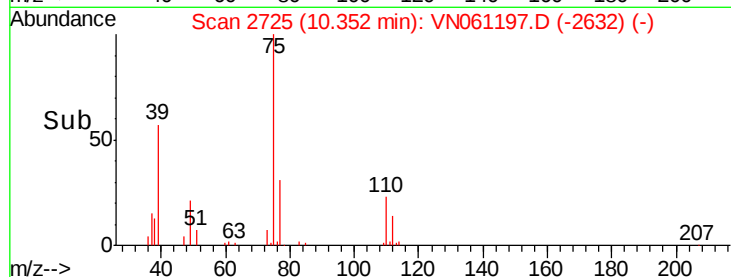
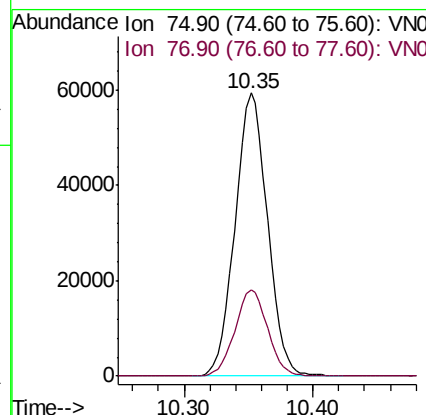
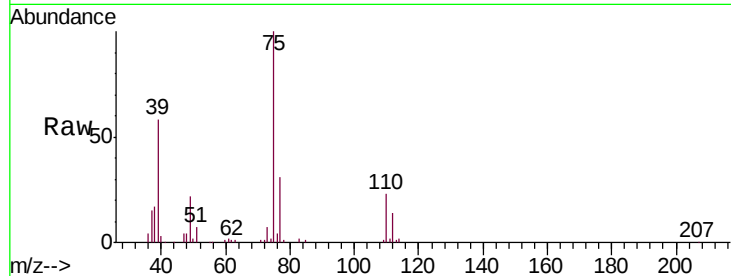
VSTDCCC050EC

Tgt Ion: 75 Resp: 103568

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.610 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

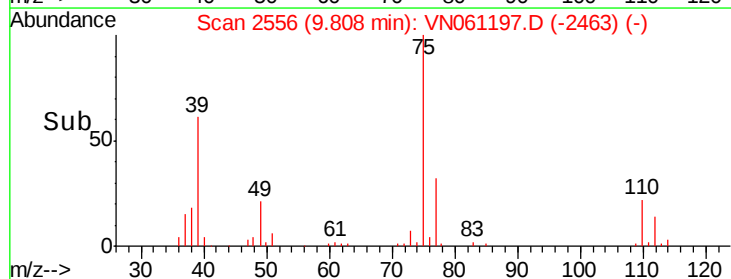
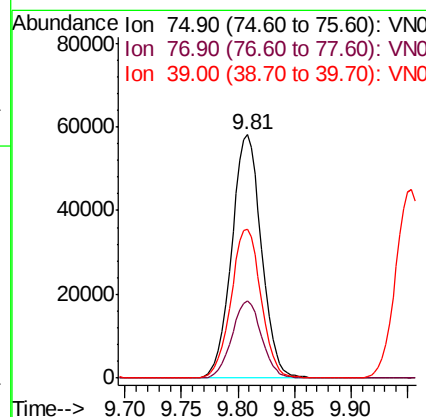
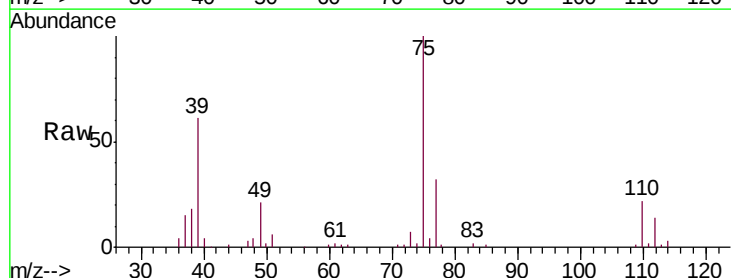
Tgt Ion: 75 Resp: 106167

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 61.3 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 50.544 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 60228

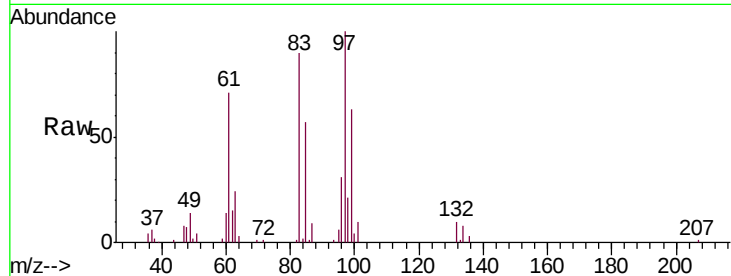
Ion Ratio Lower Upper

97 100

83 89.7 70.6 106.0

85 57.2 46.4 69.6

99 63.1 50.6 75.8



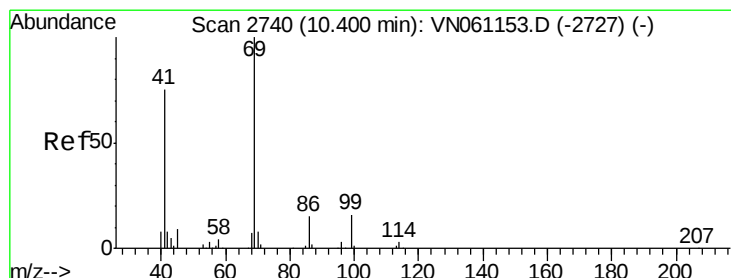
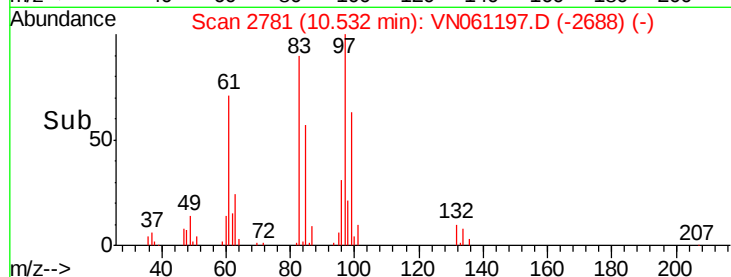
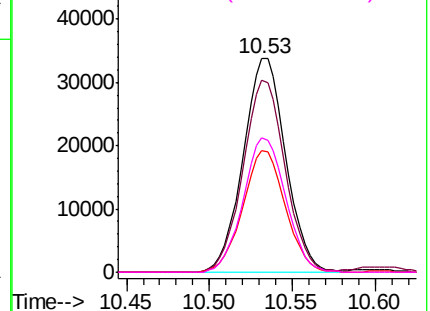
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 47.090 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

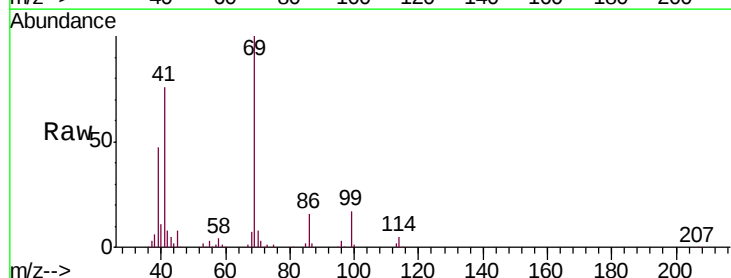
Tgt Ion: 69 Resp: 97432

Ion Ratio Lower Upper

69 100

41 76.0 60.3 90.5

39 46.5 35.9 53.9

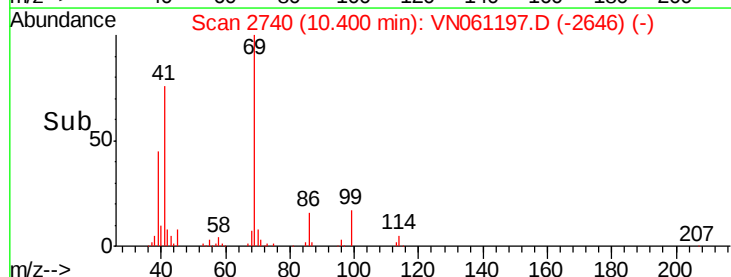
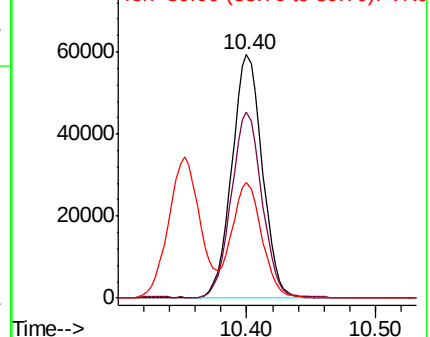


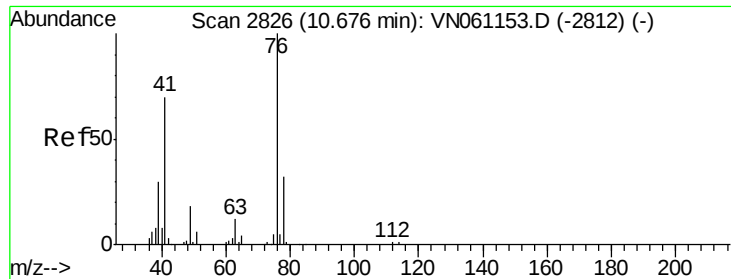
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

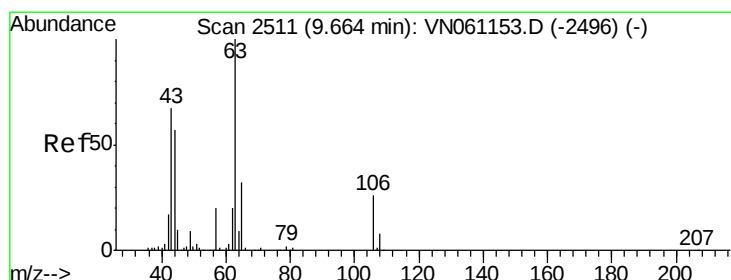
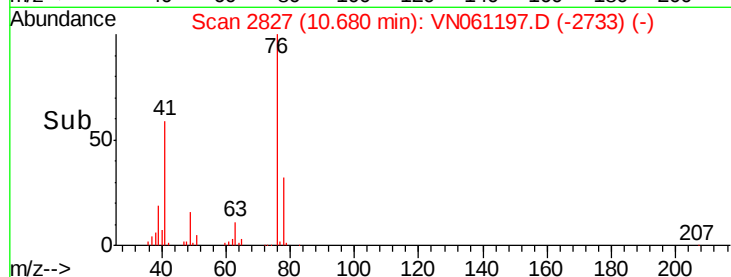
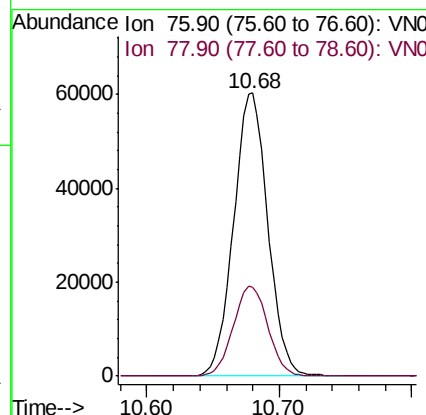
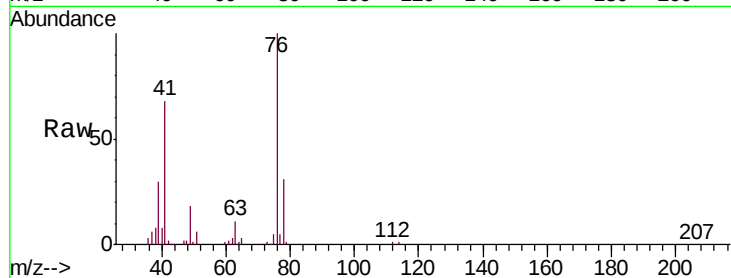




#57
 1,3-Dichloropropane
 Concen: 51.513 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

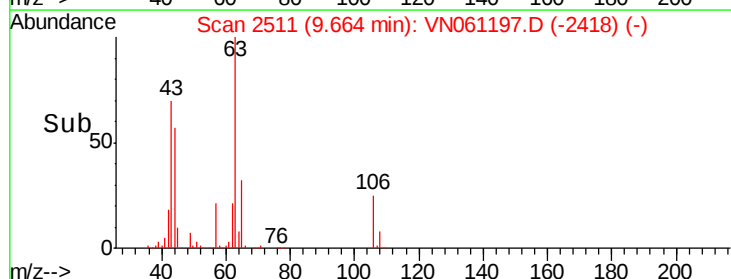
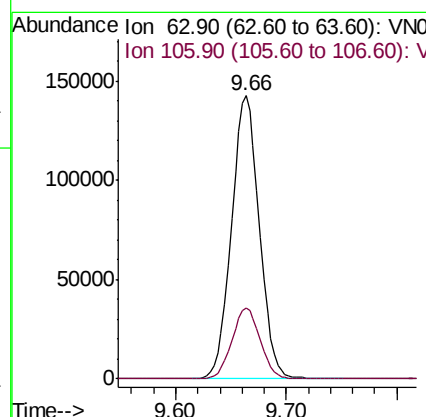
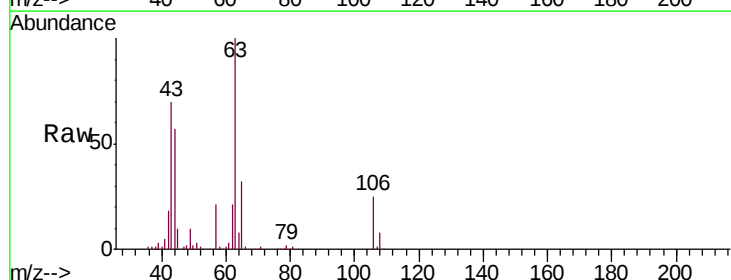
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

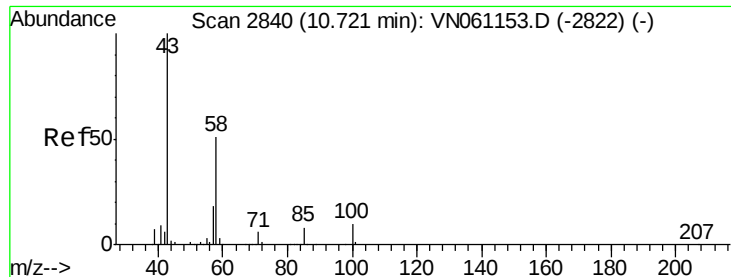
Tgt Ion: 76 Resp: 107894
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.610 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 63 Resp: 249437
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 30.8

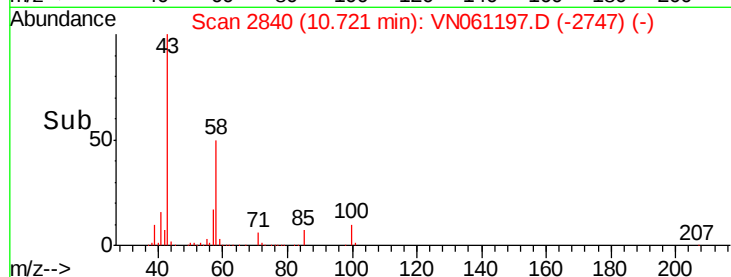
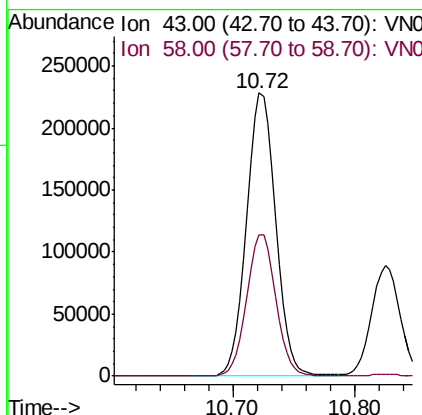
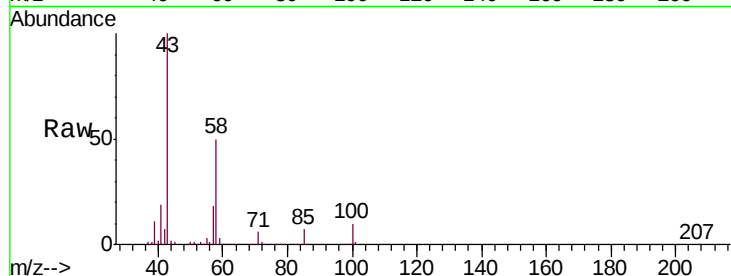




#59
2-Hexanone
Concen: 270.608 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

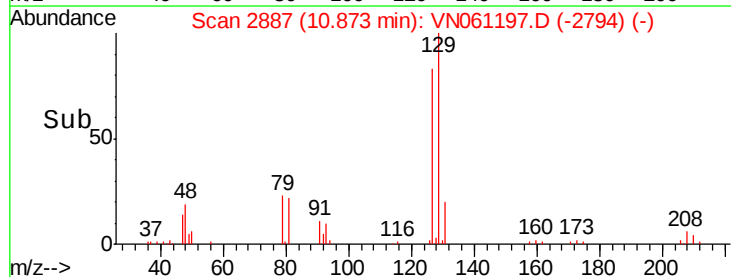
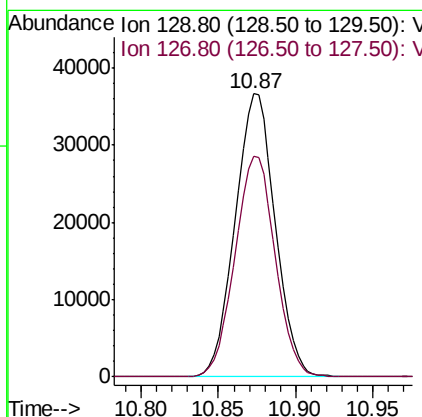
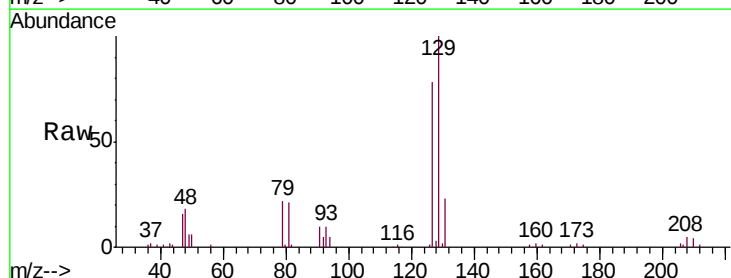
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

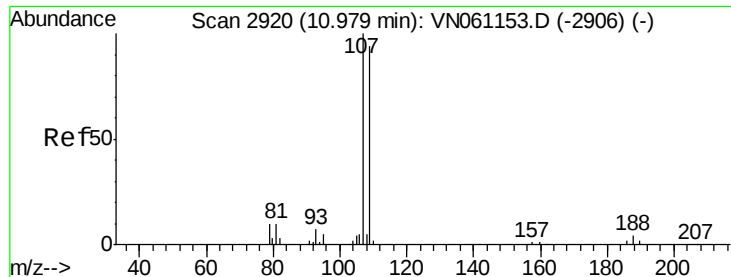
Tgt Ion: 43 Resp: 375344
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.4



#60
Dibromochloromethane
Concen: 52.860 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 129 Resp: 65970
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.8

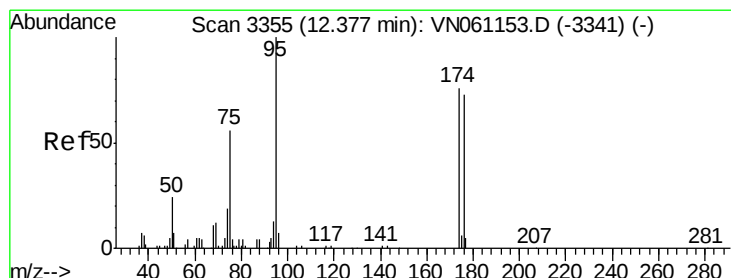
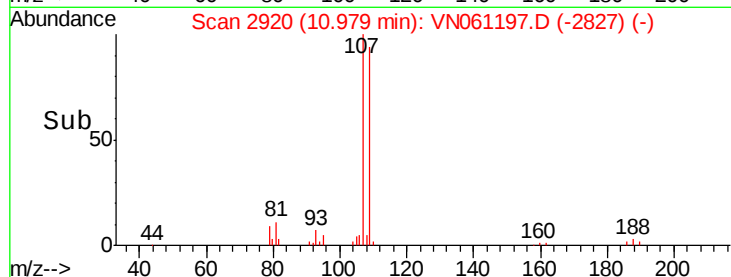
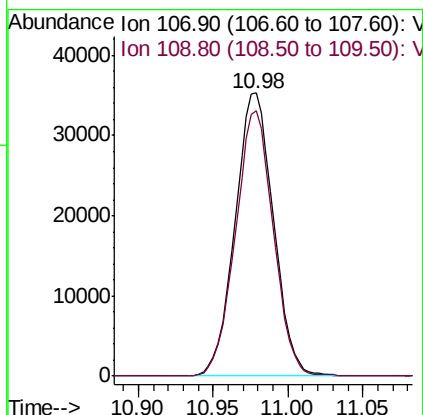
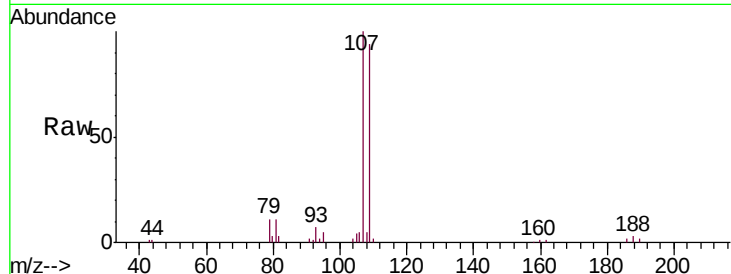




#61
 1,2-Dibromoethane
 Concen: 52.789 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

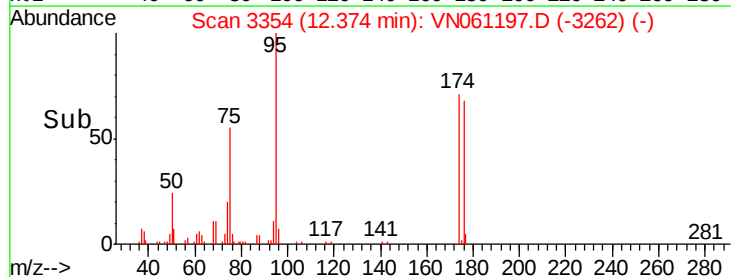
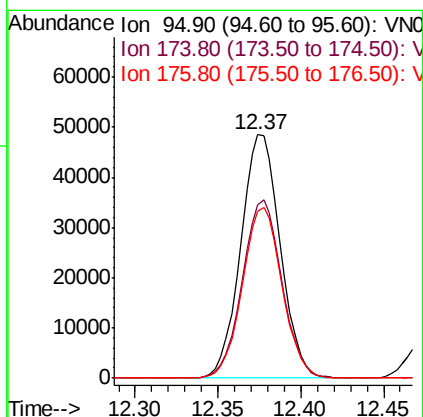
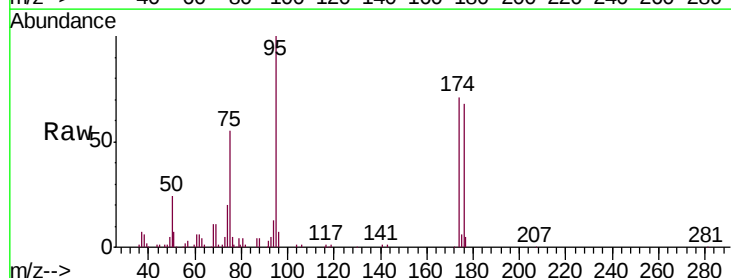
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 63047
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.065 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 95 Resp: 80053
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 149.4
 176 70.2 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

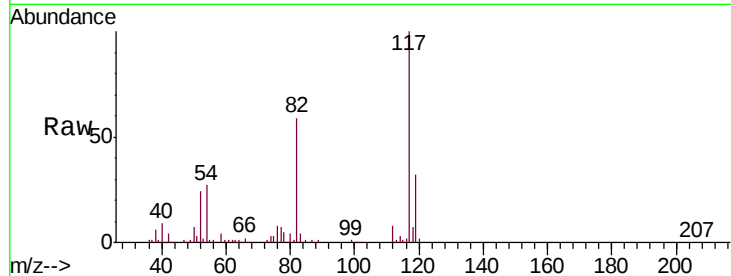
Tgt Ion:117 Resp: 159194

Ion Ratio Lower Upper

117 100

82 59.1 47.8 71.8

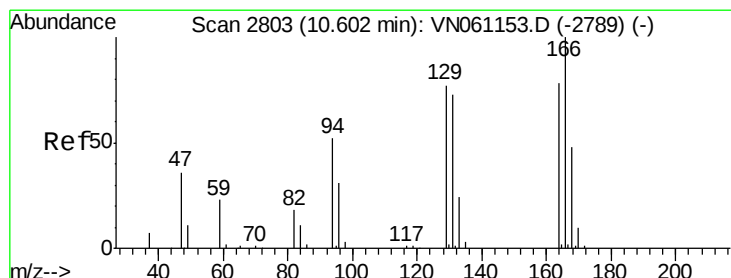
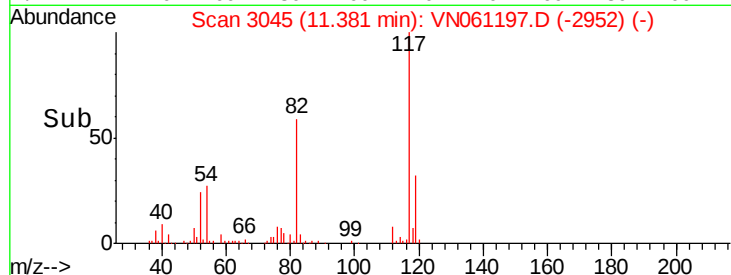
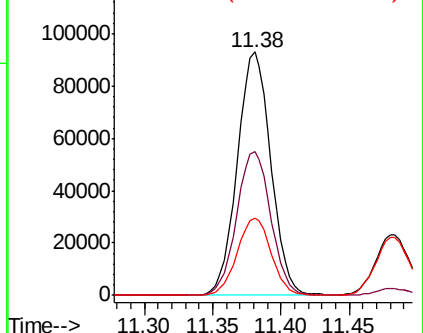
119 31.7 25.8 38.6



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: 47.844 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion:164 Resp: 65967

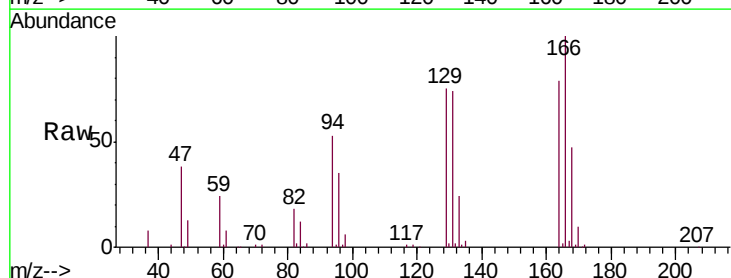
Ion Ratio Lower Upper

164 100

166 126.9 102.0 153.0

129 95.7 78.2 117.2

131 93.9 74.5 111.7

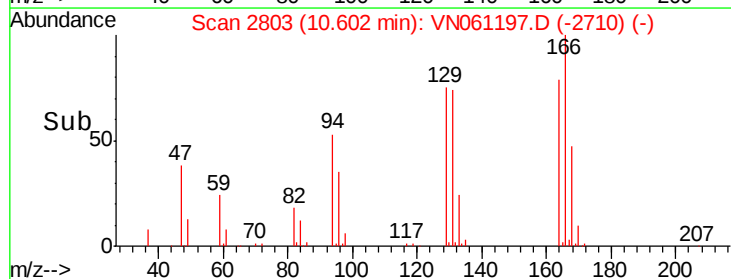
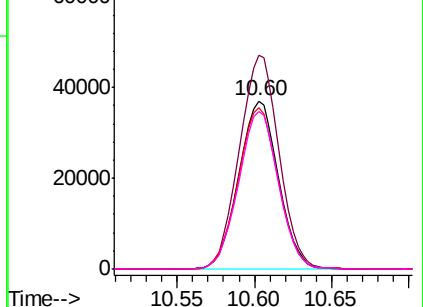


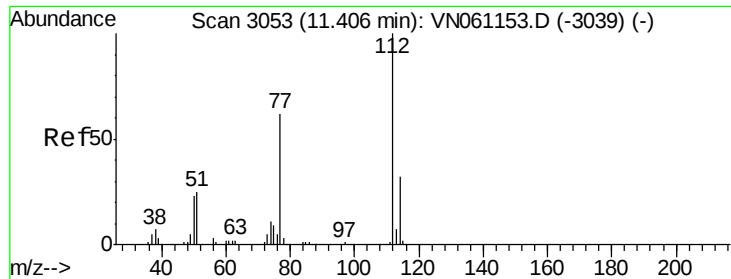
Abundance Ion 163.80 (163.50 to 164.50): V

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

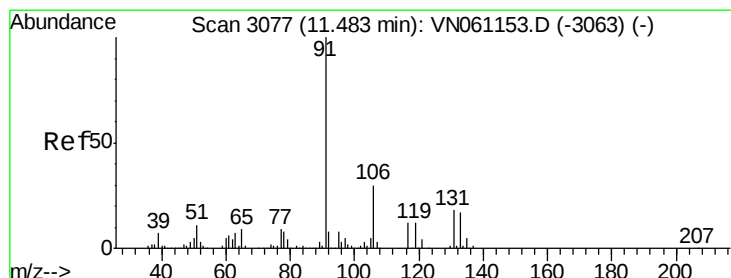
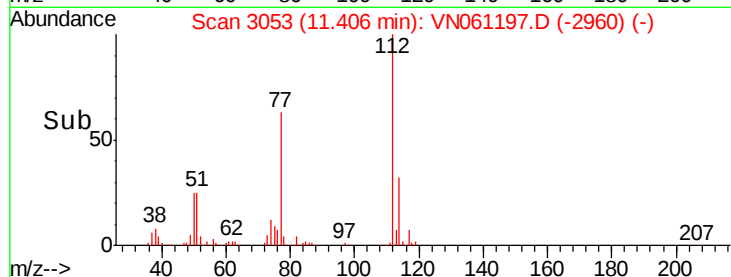
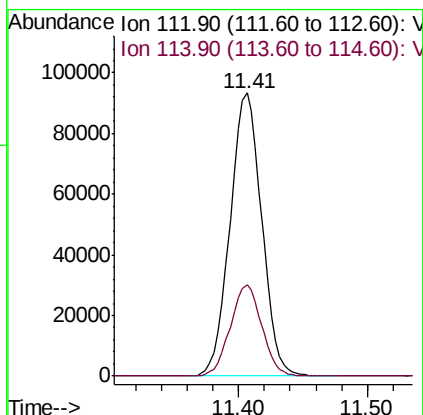
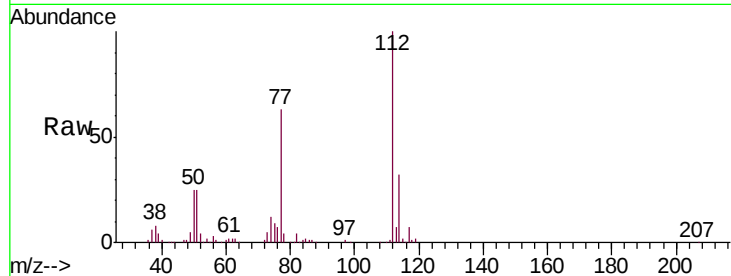




#65
Chlorobenzene
Concen: 50.381 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

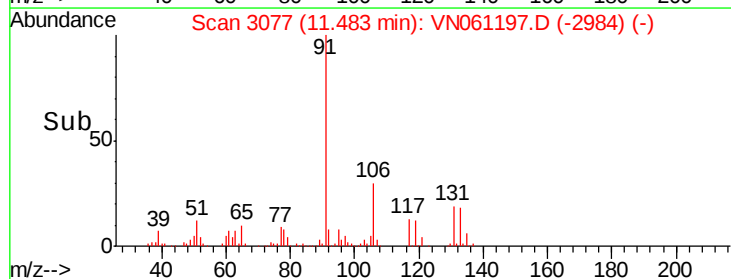
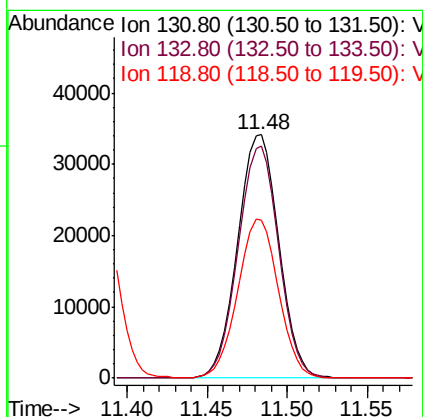
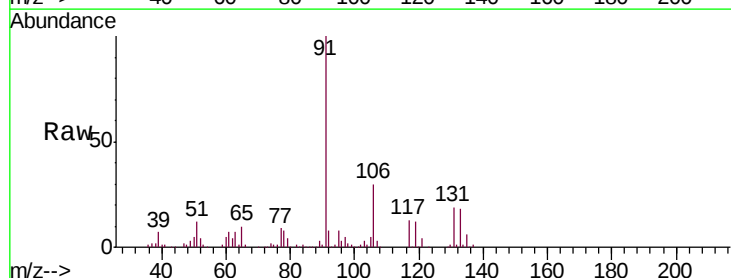
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 159098
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.933 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion:131 Resp: 59827
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 64.5 32.6 97.8

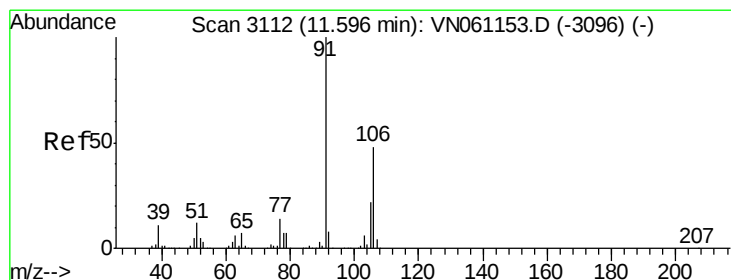
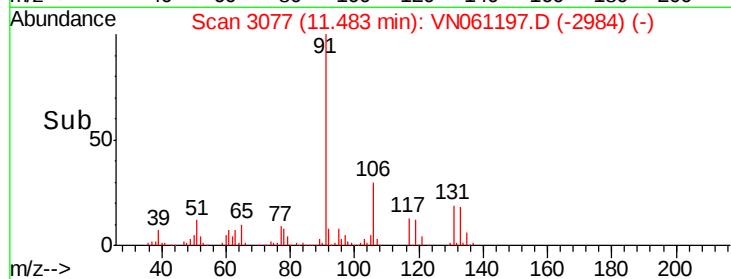
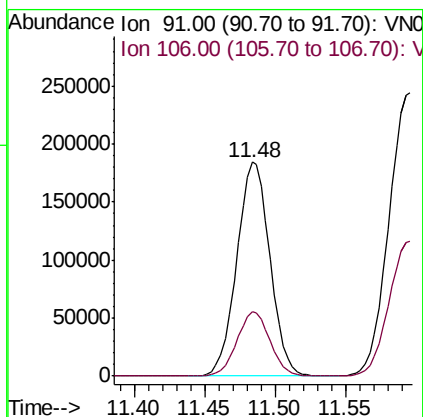
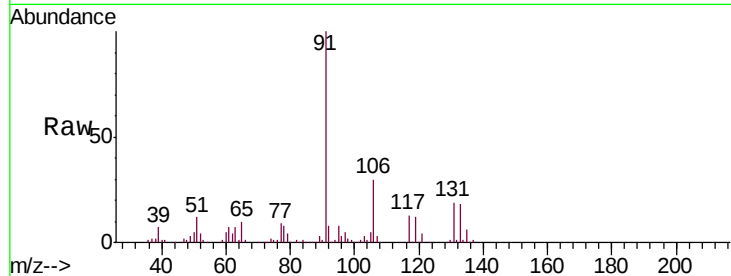




#67
Ethyl Benzene
Concen: 51.297 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

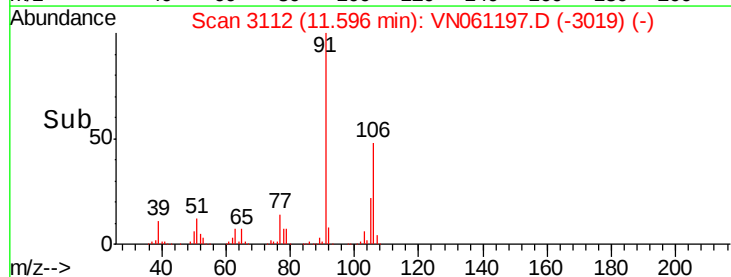
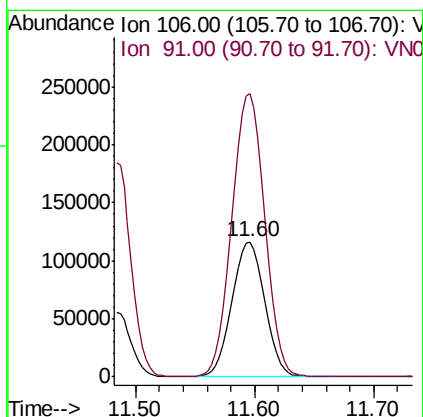
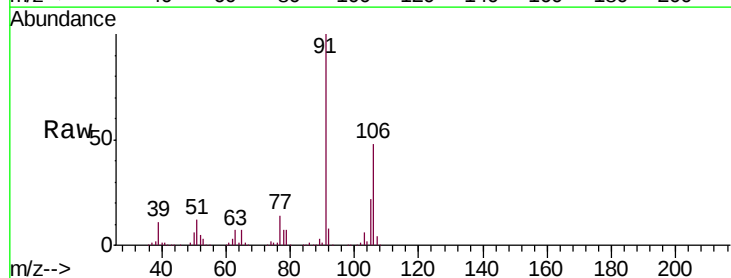
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 303245
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6



#68
m/p-Xylenes
Concen: 102.902 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion: 106 Resp: 222658
Ion Ratio Lower Upper
106 100
91 210.7 166.4 249.6

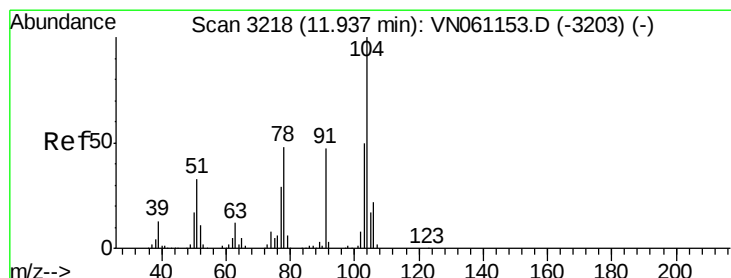
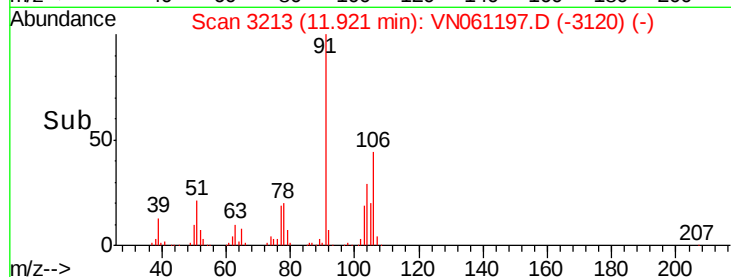
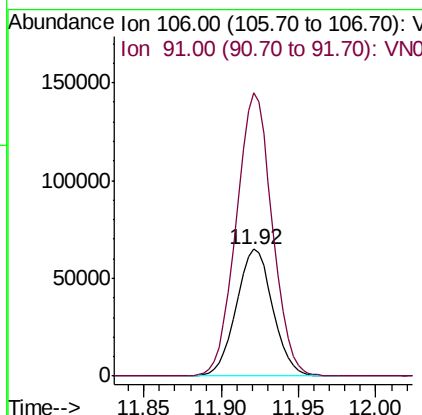
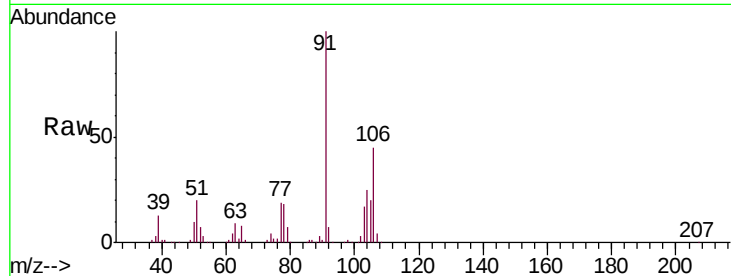




#69
o-Xylene
Concen: 51.115 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

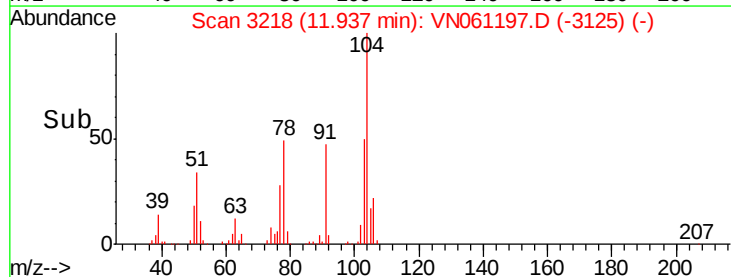
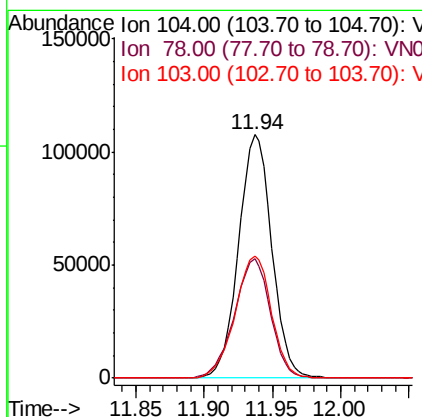
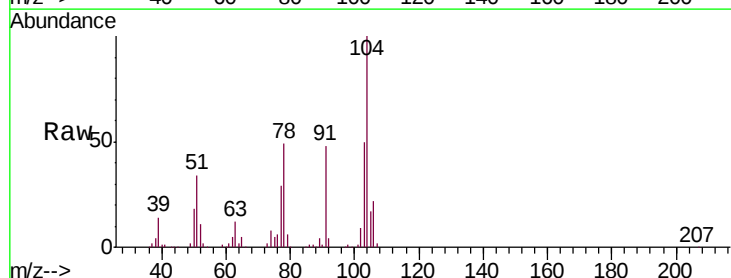
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

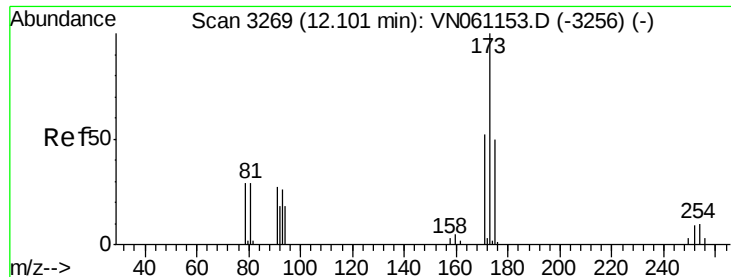
Tgt Ion:106 Resp: 106240
Ion Ratio Lower Upper
106 100
91 220.7 109.7 329.0



#70
Styrene
Concen: 52.291 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061197.D
Acq: 29 Apr 2020 17:19

Tgt Ion:104 Resp: 181906
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 54.7 43.3 64.9





#71

Bromoform

Concen: 54.966 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

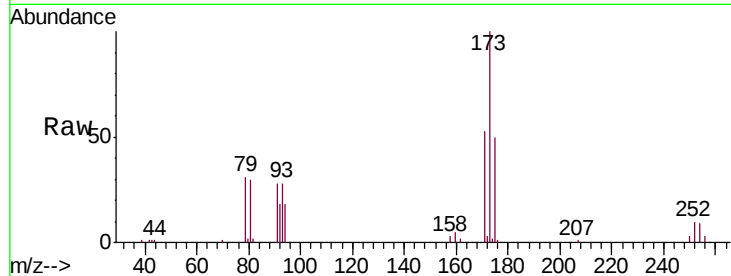
Tgt Ion:173 Resp: 45658

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

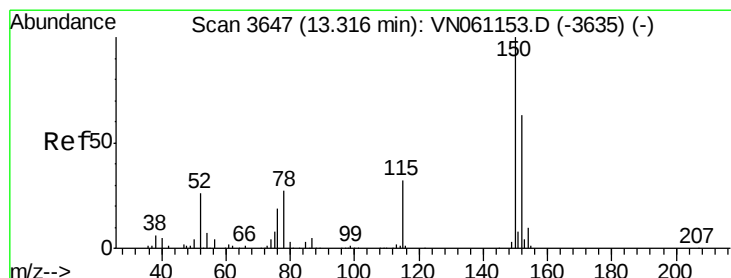
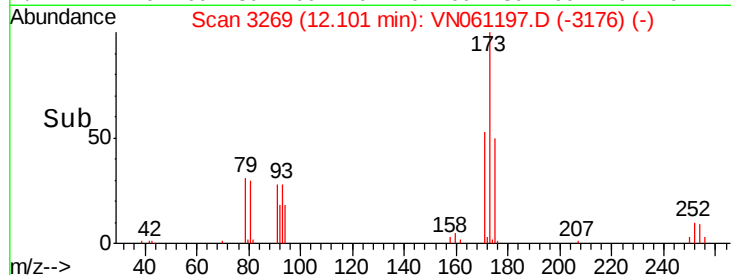
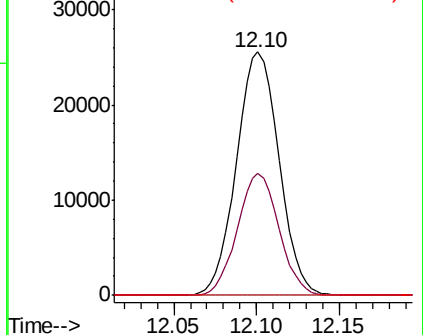
254 0.0 0.0 0.0



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# 3647

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

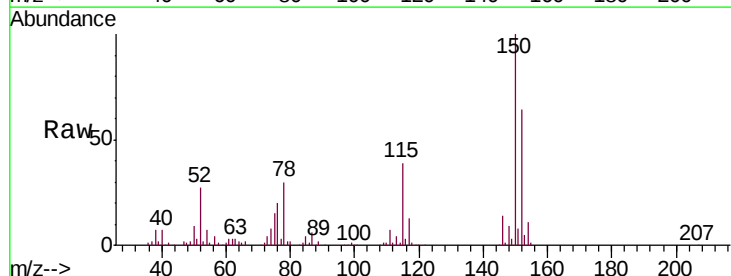
Tgt Ion:152 Resp: 82018

Ion Ratio Lower Upper

152 100

115 61.4 31.0 93.0

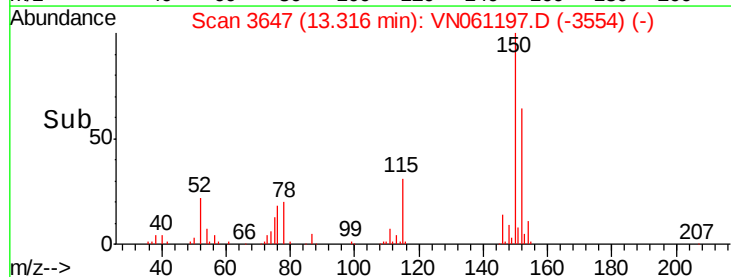
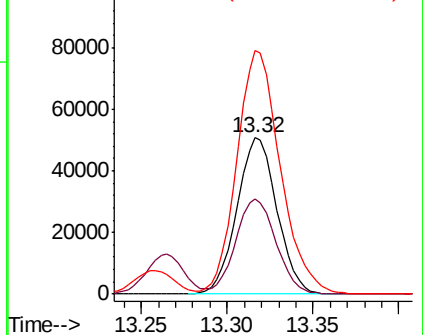
150 170.2 0.0 351.8

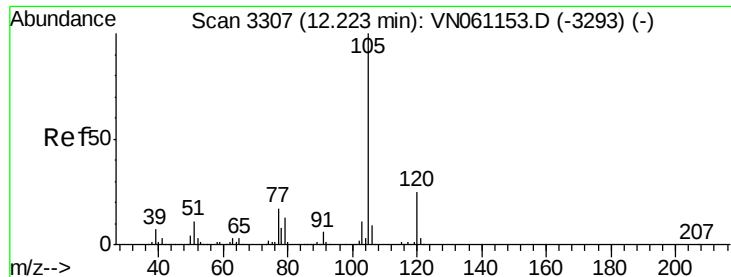


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.276 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

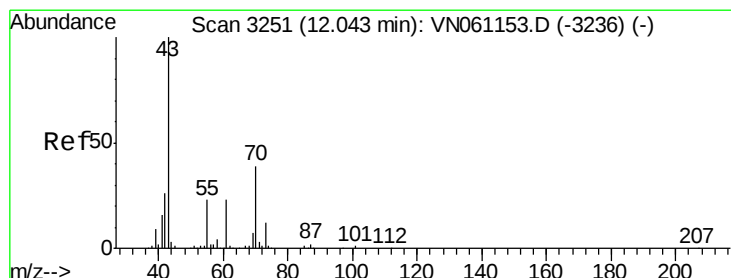
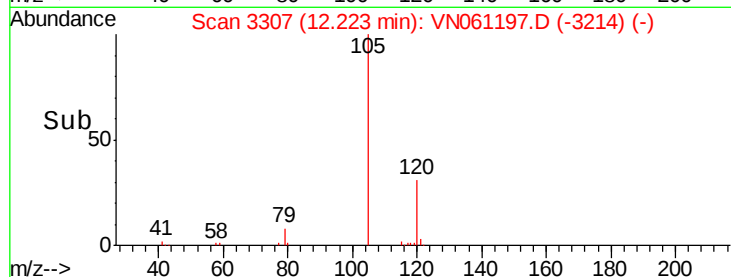
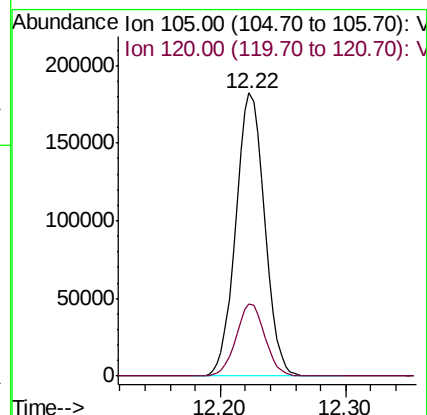
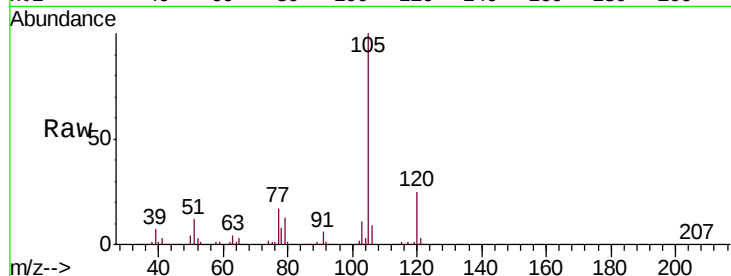
VSTDCCC050EC

Tgt Ion: 105 Resp: 291084

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 49.053 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Tgt Ion: 43 Resp: 149770

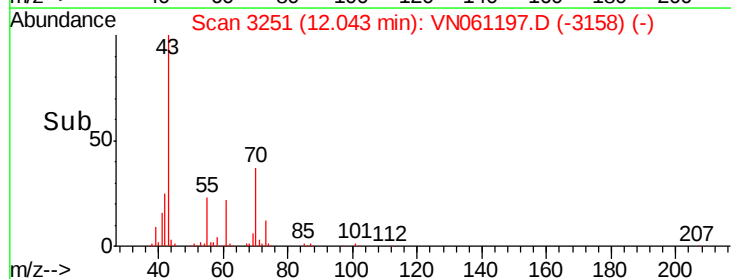
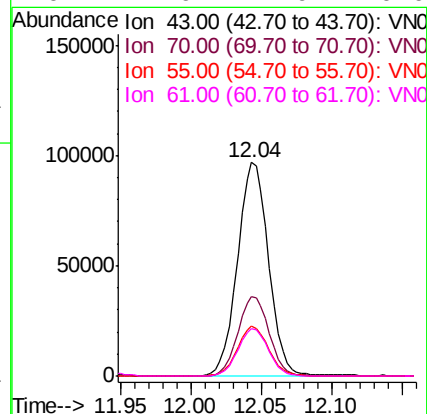
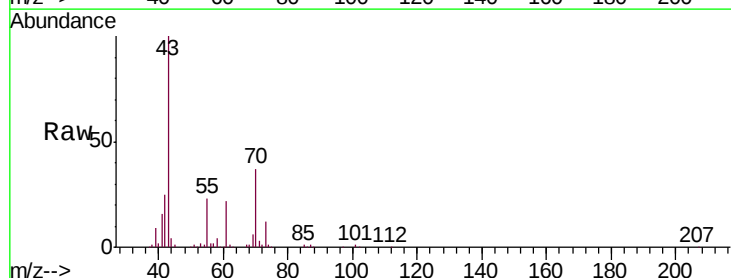
Ion Ratio Lower Upper

43 100

70 37.1 30.6 46.0

55 23.3 18.5 27.7

61 21.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.270 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

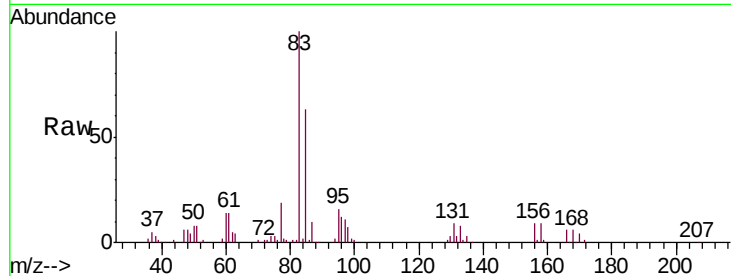
Tgt Ion: 83 Resp: 92632

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

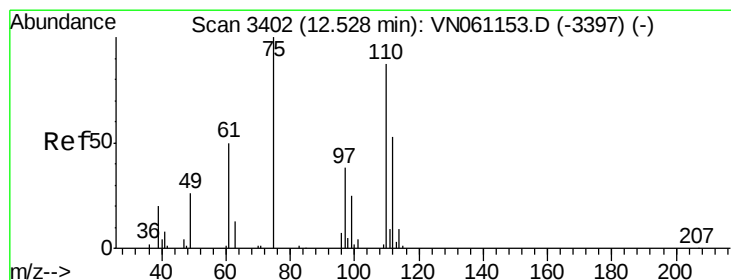
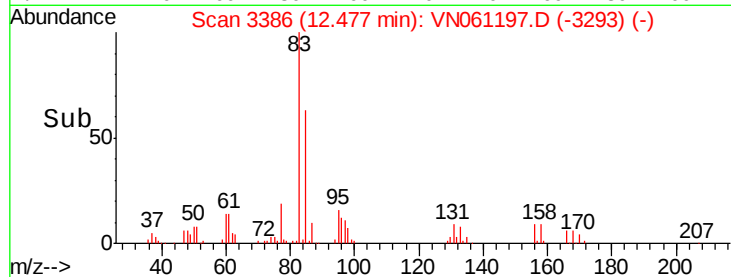
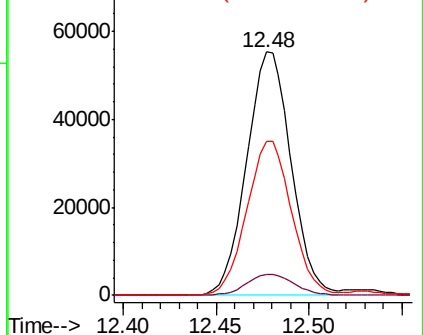
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061197.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061197.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061197.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 74.091 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061197.D

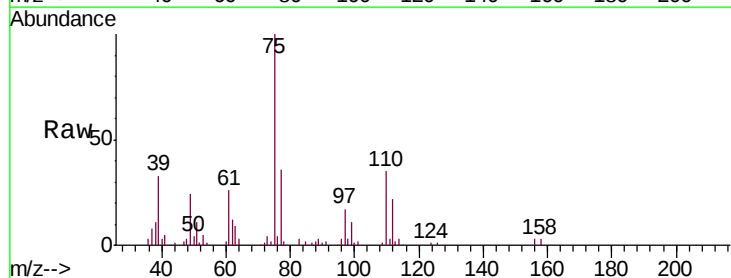
Acq: 29 Apr 2020 17:19

Tgt Ion: 75 Resp: 128115

Ion Ratio Lower Upper

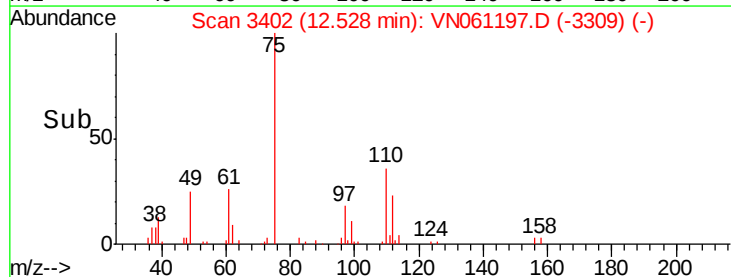
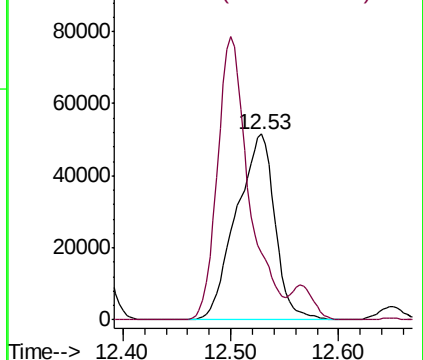
75 100

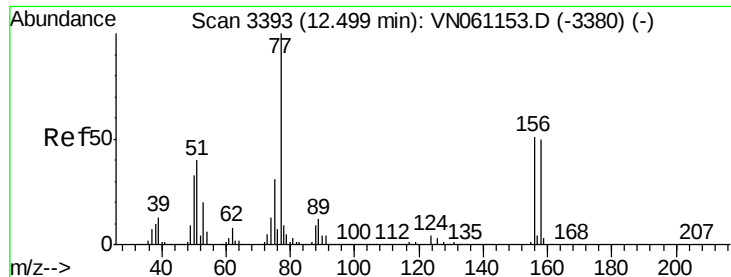
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061197.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061197.D (-3309) (-)





#77

Bromobenzene

Concen: 48.104 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

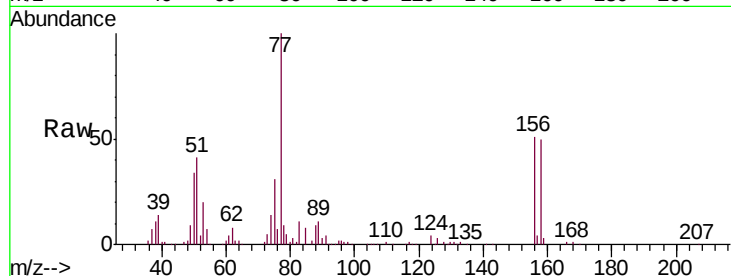
Tgt Ion:156 Resp: 66955

Ion Ratio Lower Upper

156 100

77 239.0 117.4 352.2

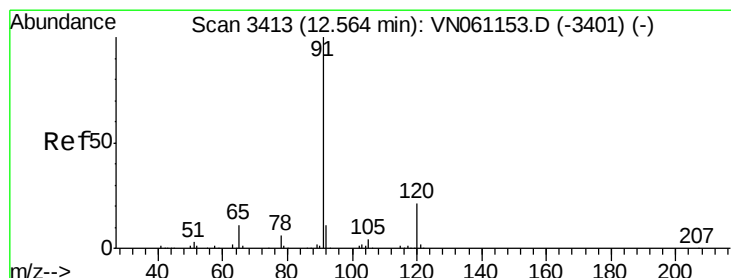
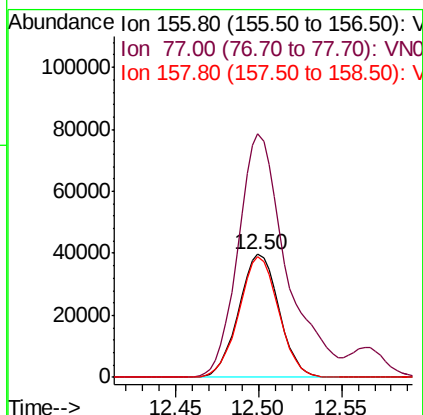
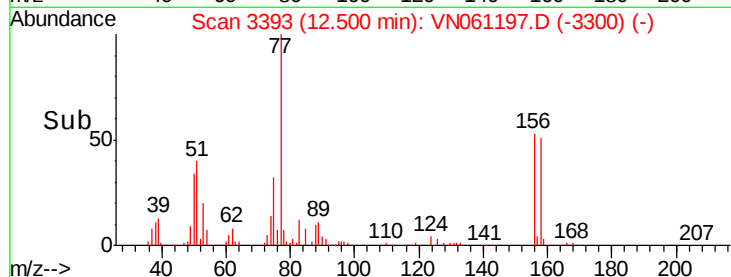
158 96.8 48.4 145.0



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: 48.842 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061197.D

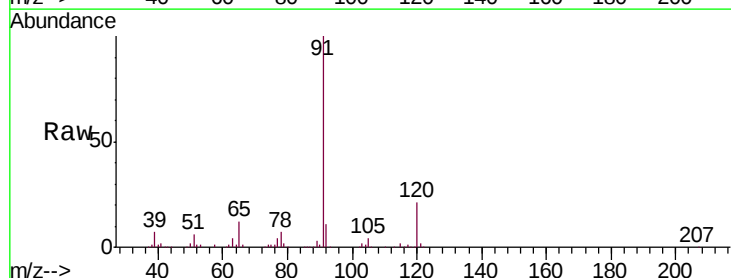
Acq: 29 Apr 2020 17:19

Tgt Ion: 91 Resp: 349305

Ion Ratio Lower Upper

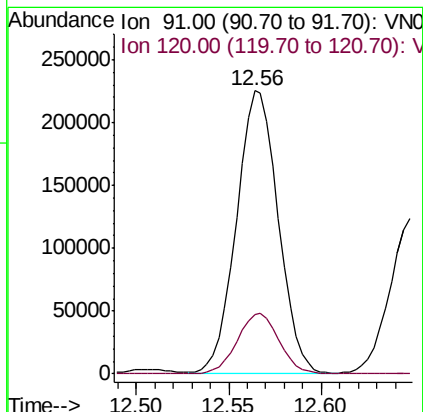
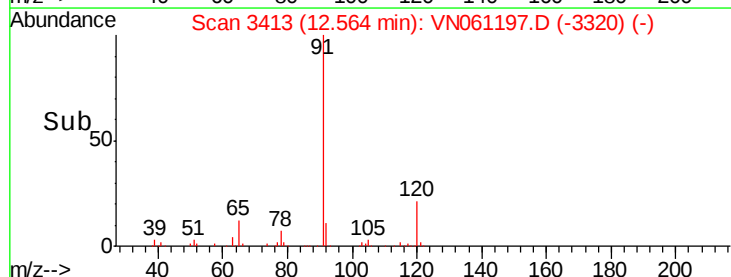
91 100

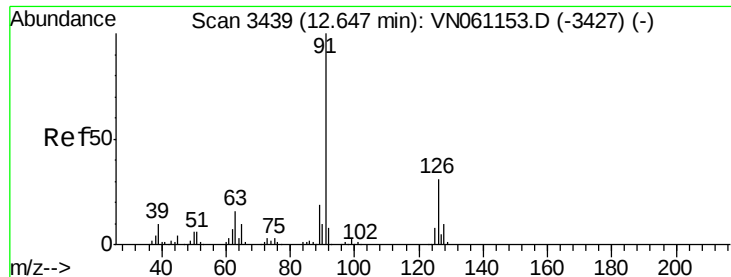
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

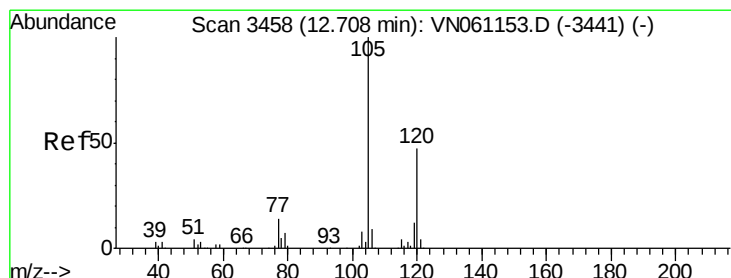
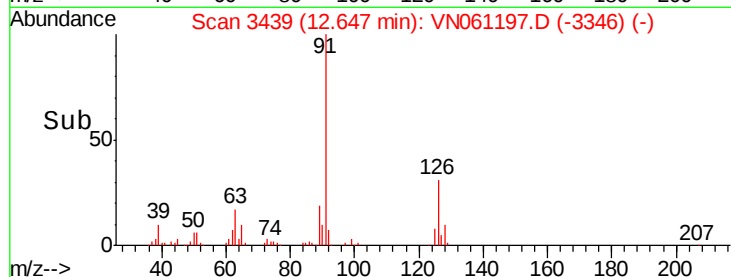
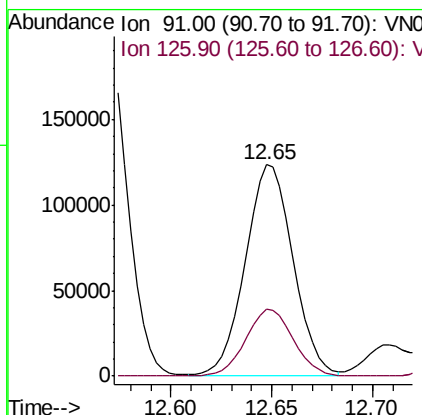
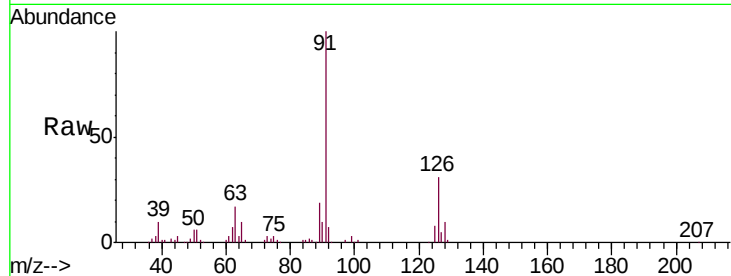




#79
 2-Chlorotoluene
 Concen: 48.378 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

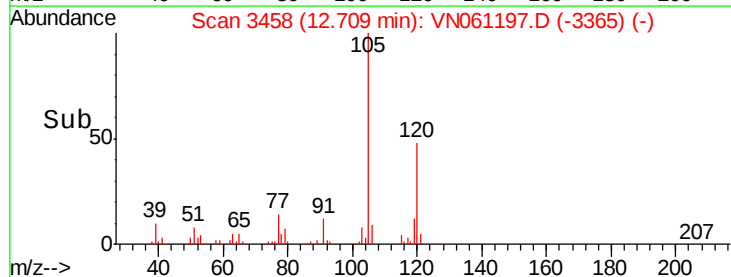
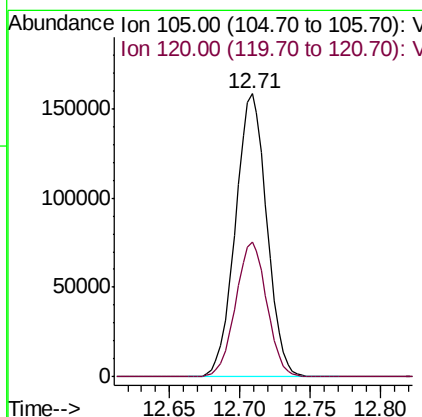
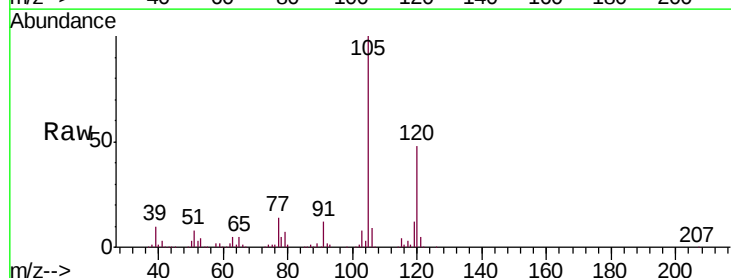
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

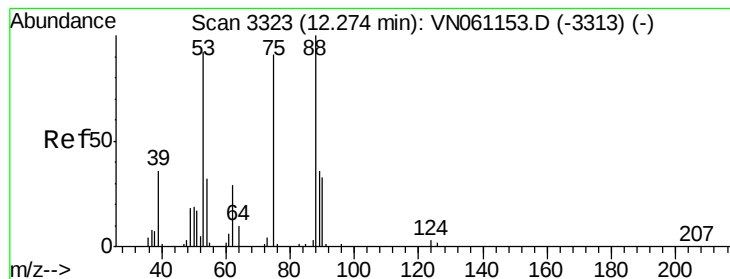
Tgt Ion: 91 Resp: 203362
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.479 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 105 Resp: 246921
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.490 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

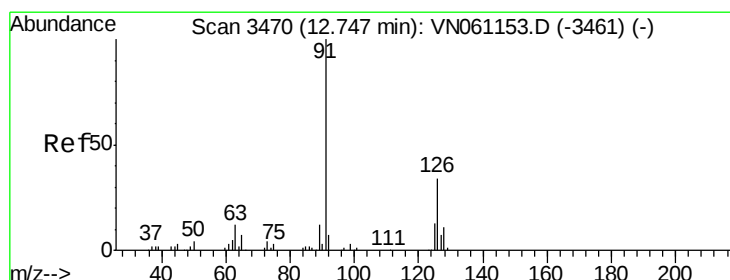
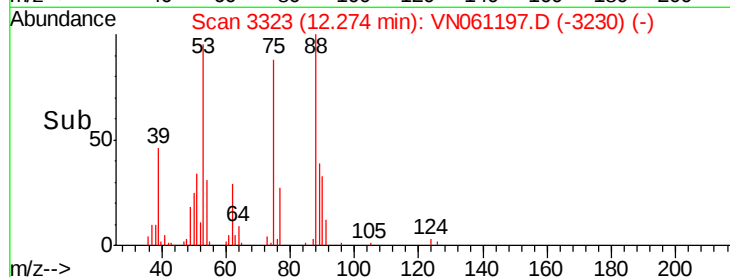
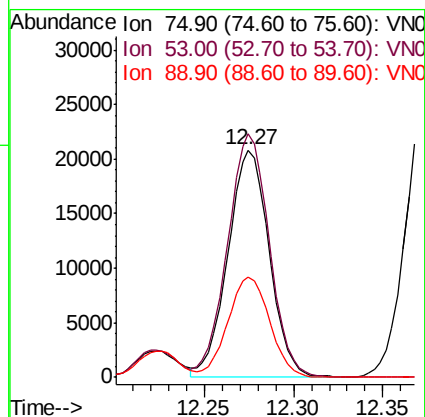
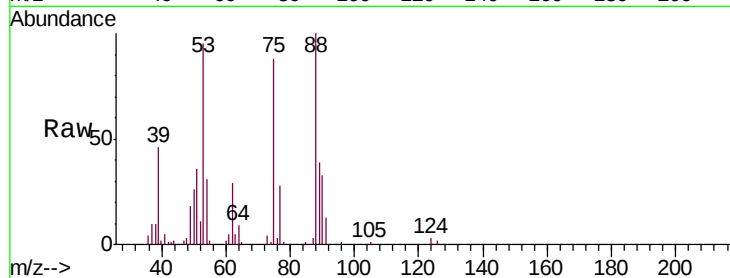
Tgt Ion: 75 Resp: 33698

Ion Ratio Lower Upper

75 100

53 108.2 84.1 126.1

89 44.6 35.2 52.8



#82

4-Chlorotoluene

Concen: 48.930 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061197.D

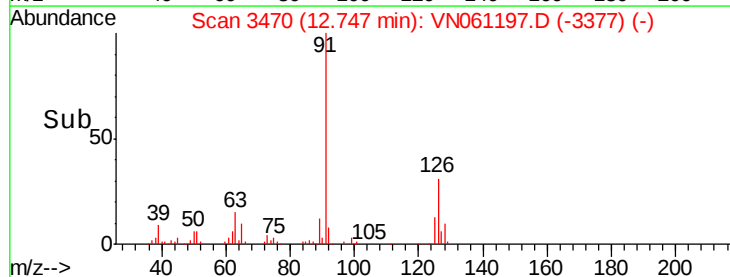
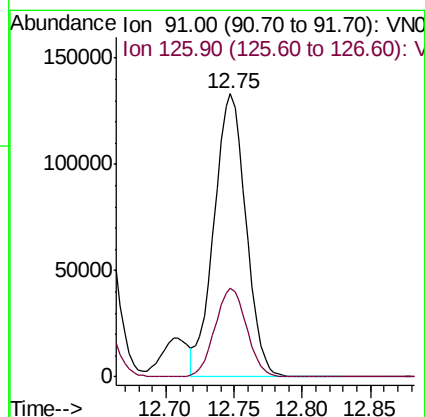
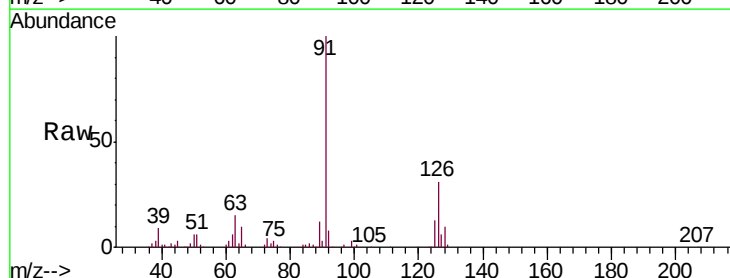
Acq: 29 Apr 2020 17:19

Tgt Ion: 91 Resp: 216781

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.1

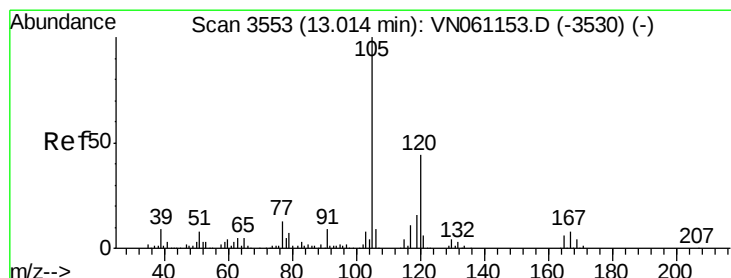
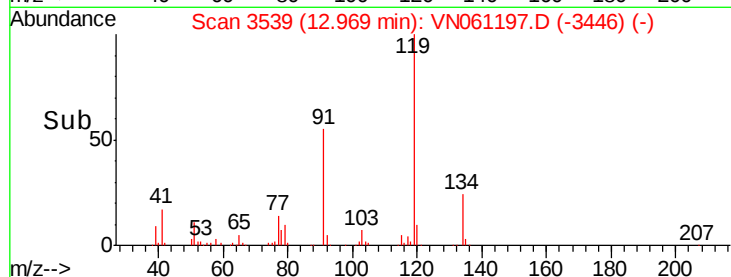
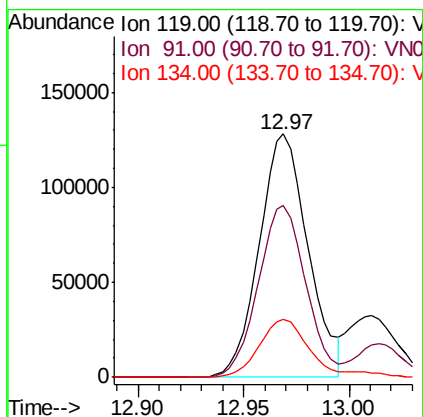
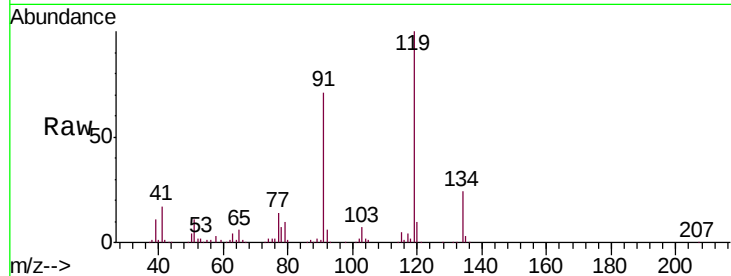




#83
 tert-Butylbenzene
 Concen: 49.097 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

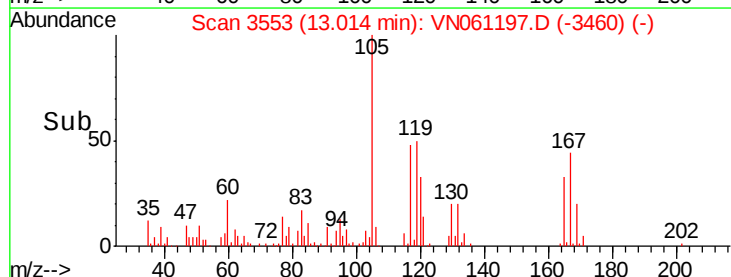
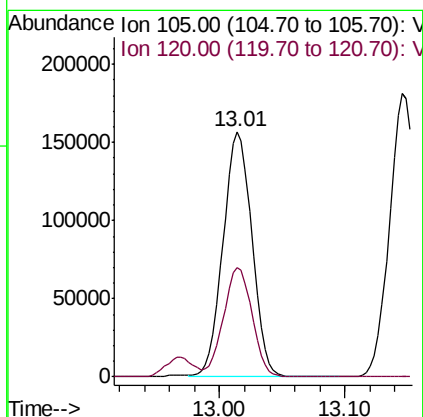
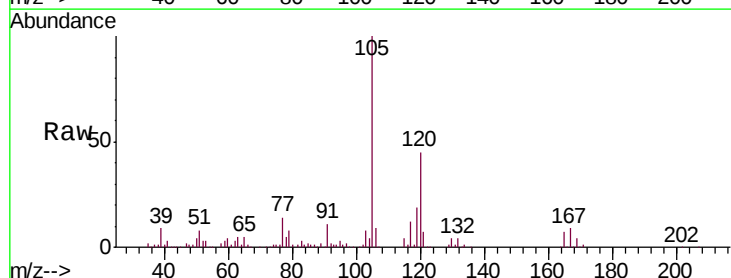
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 206598
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.8 104.4
 134 25.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.812 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion:105 Resp: 250963
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6

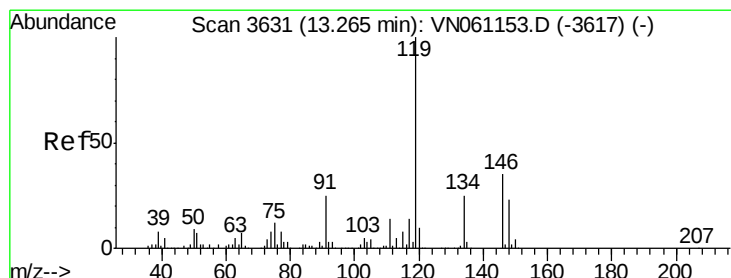
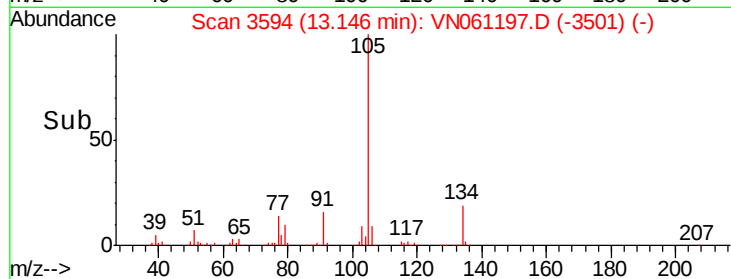
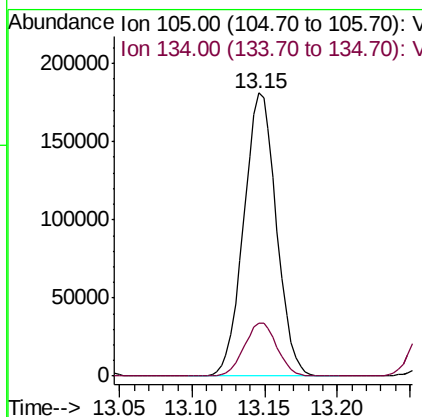
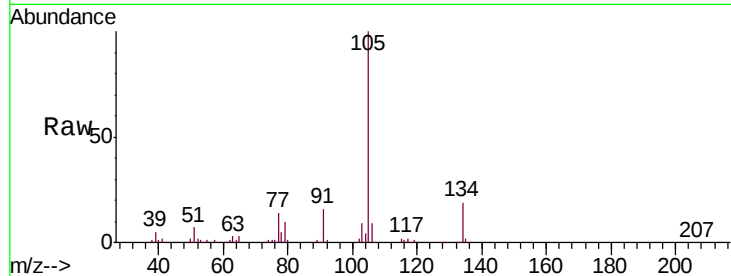




#85
 sec-Butylbenzene
 Concen: 49.496 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

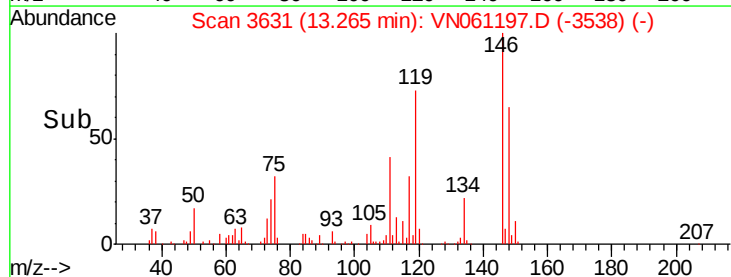
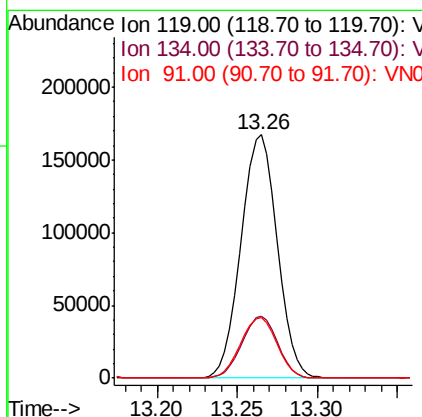
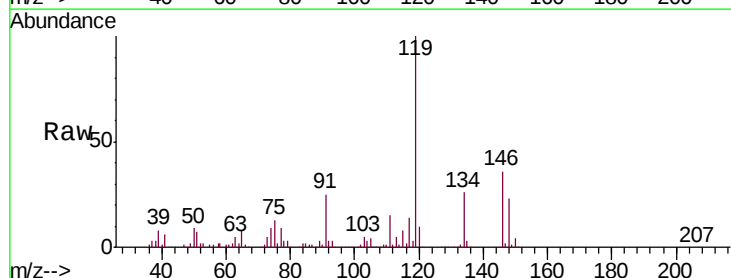
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 283958
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 49.819 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion:119 Resp: 257513
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.2 12.7 38.0

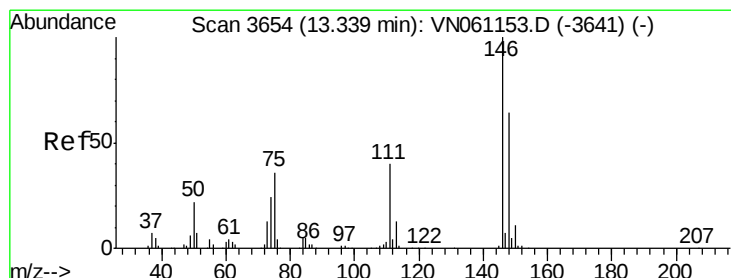
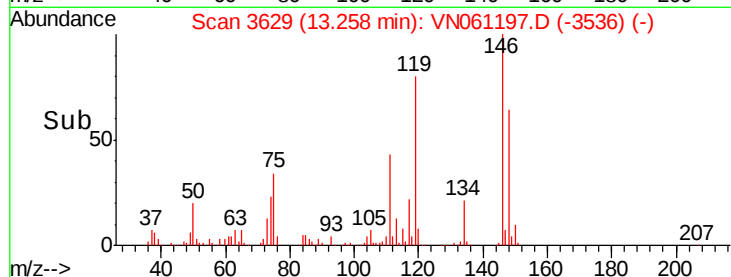
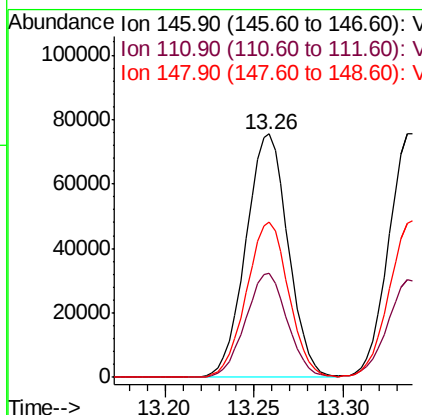
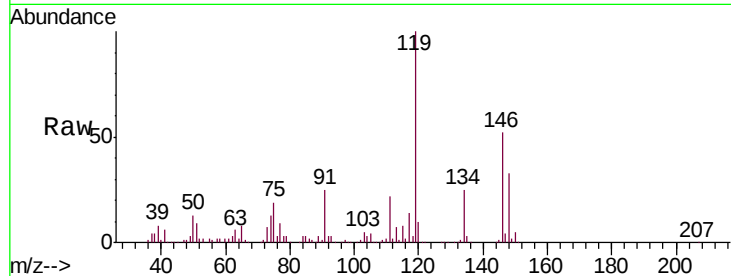




#87
 1,3-Dichlorobenzene
 Concen: 48.667 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

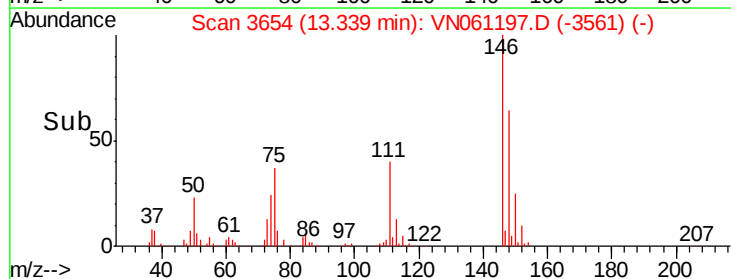
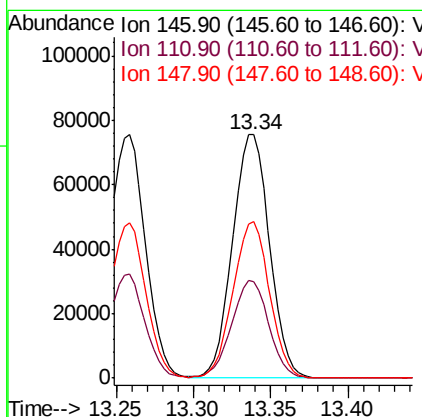
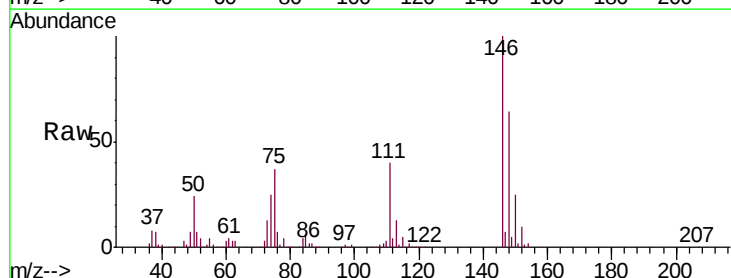
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

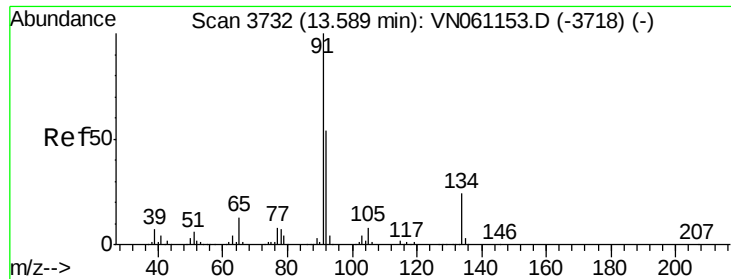
Tgt Ion:146 Resp: 124702
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.855 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion:146 Resp: 125286
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 50.041 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061197.D

Acq: 29 Apr 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

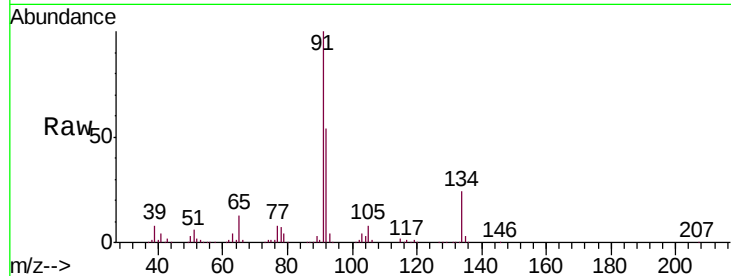
Tgt Ion: 91 Resp: 237126

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.3

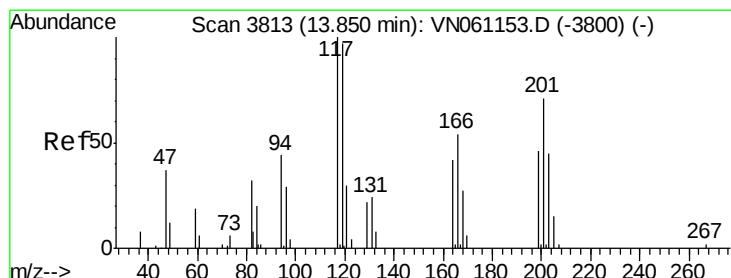
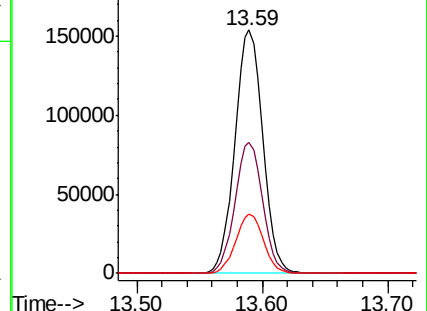
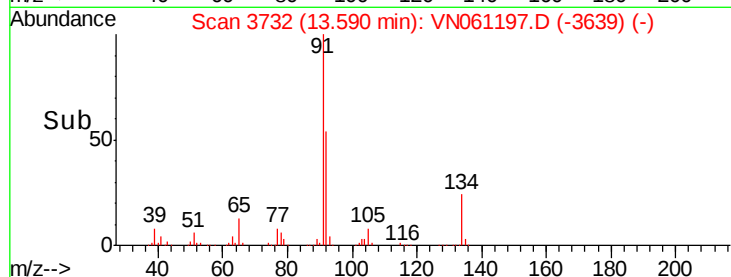
134 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)



#90

Hexachloroethane

Concen: 49.949 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061197.D

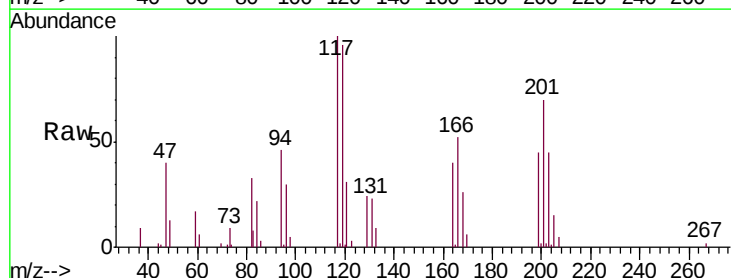
Acq: 29 Apr 2020 17:19

Tgt Ion: 117 Resp: 26925

Ion Ratio Lower Upper

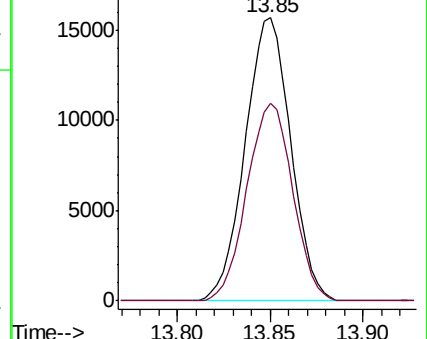
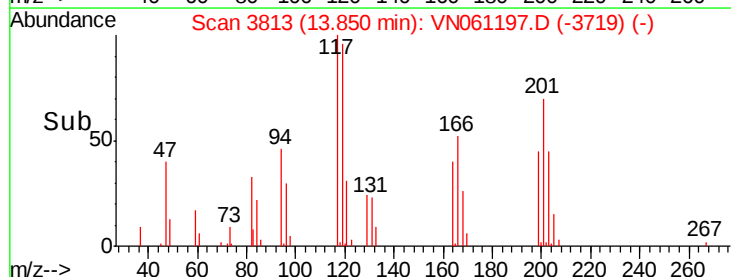
117 100

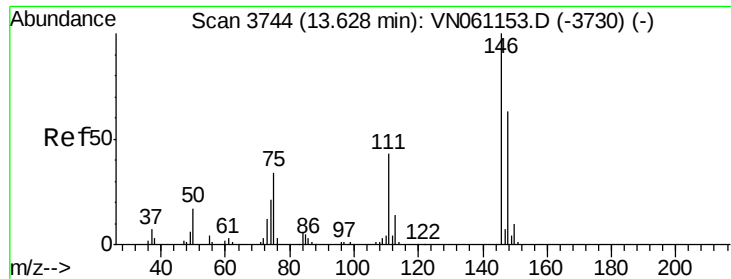
201 69.9 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)

Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)

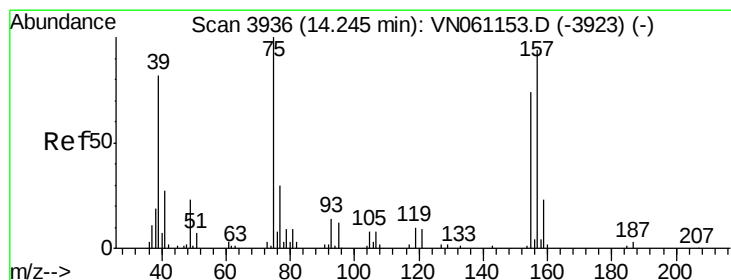
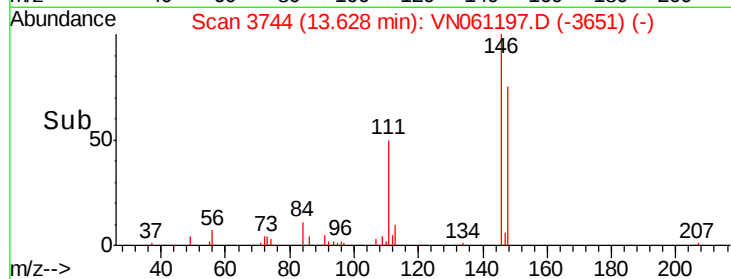
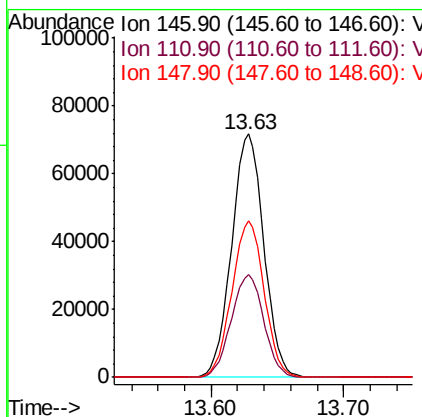
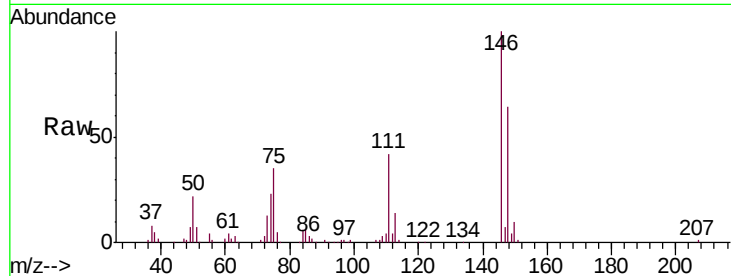




#91
 1,2-Dichlorobenzene
 Concen: 49.165 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

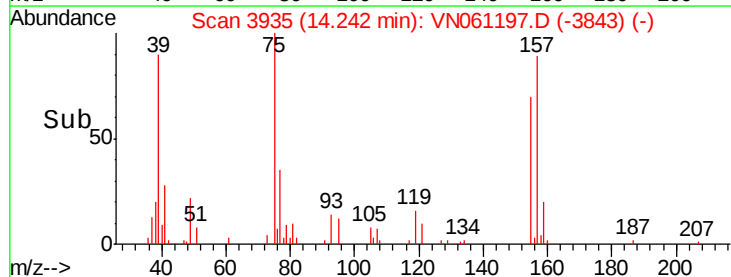
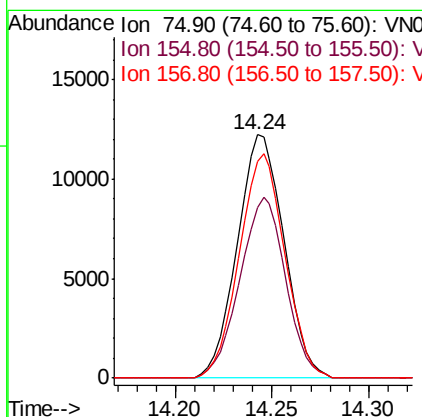
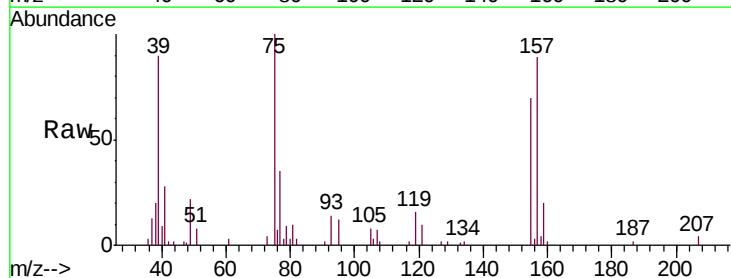
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 120793
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.8 65.3
 148 64.2 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.723 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion: 75 Resp: 20538
 Ion Ratio Lower Upper
 75 100
 155 72.7 36.5 109.7
 157 90.2 46.6 139.7

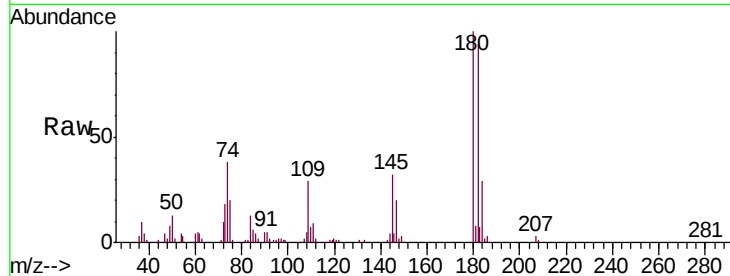




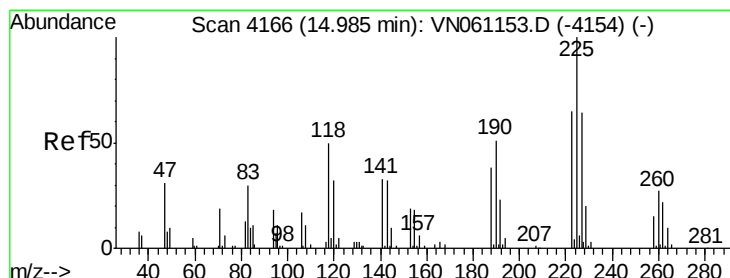
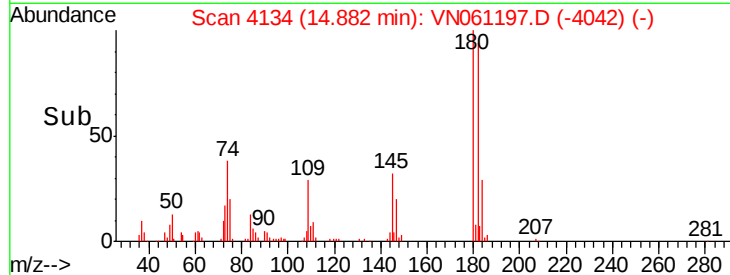
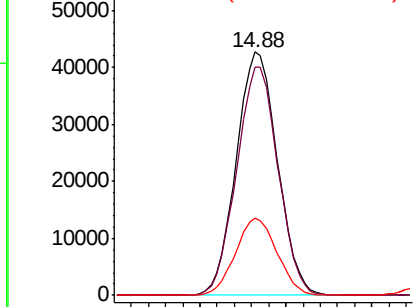
#93
 1,2,4-Trichlorobenzene
 Concen: 47.494 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 71057
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.9
 145 31.7 16.0 47.9

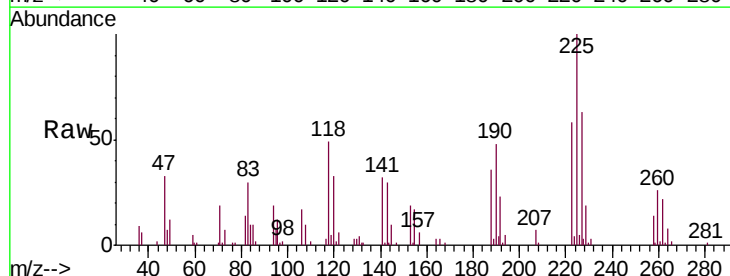


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.627 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061197.D
 Acq: 29 Apr 2020 17:19

Tgt Ion:225 Resp: 31018
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.4 97.0
 227 63.6 32.4 97.0



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

