

Data File : VN061199.D
Acq On : 30 Apr 2020 13:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: May 01 02:15:26 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	7.62	168	115494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	193149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	182026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84210	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.54	113	54726	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.06	98	233884	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	87845	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	62026	50.645	ug/l	99
3) Chloromethane	2.03	50	86002	57.981	ug/l	99
4) Vinyl Chloride	2.16	62	79616	47.257	ug/l	100
5) Bromomethane	2.53	94	32329	38.821	ug/l	98
6) Chloroethane	2.67	64	44278	41.465	ug/l	99
7) Trichlorofluoromethane	2.98	101	95604	50.298	ug/l	95
8) Diethyl Ether	3.37	74	45700	57.643	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	63311	51.703	ug/l	99
10) Methyl Iodide	3.91	142	76314	48.494	ug/l	98
11) Tert butyl alcohol	4.72	59	61999	253.260	ug/l	100
12) 1,1-Dichloroethene	3.69	96	60568	49.705	ug/l	98
13) Acrolein	3.56	56	42745	262.017	ug/l	97
14) Allyl chloride	4.27	41	140667	62.258	ug/l	91
15) Acrylonitrile	4.93	53	216509	288.109	ug/l	99
16) Acetone	3.77	43	181925	257.570	ug/l	97
17) Carbon Disulfide	4.01	76	165033	49.028	ug/l	100
18) Methyl Acetate	4.27	43	129171	55.913	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	233508	50.150	ug/l	98
20) Methylene Chloride	4.50	84	72320	50.751	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	67091	50.562	ug/l	99
22) Diisopropyl ether	5.90	45	281831	53.790	ug/l	97
23) Vinyl Acetate	5.84	43	1107305	262.477	ug/l	99
24) 1,1-Dichloroethane	5.79	63	140893	51.468	ug/l	99
25) 2-Butanone	6.78	43	291013	269.114	ug/l	99
26) 2,2-Dichloropropane	6.77	77	111145	48.203	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77380	49.694	ug/l	98
28) Bromochloromethane	7.15	49	68397	52.714	ug/l	94
29) Tetrahydrofuran	7.16	42	201626	276.793	ug/l	96
30) Chloroform	7.33	83	131300	47.330	ug/l	99
31) Cyclohexane	7.61	56	126682	47.651	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111557	46.180	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100332	51.891	ug/l	100
37) Ethyl Acetate	6.88	43	122856	54.200	ug/l	99
38) Carbon Tetrachloride	7.73	117	81712	46.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	112817	52.029	ug/l	96
40) Benzene	8.00	78	298797	51.871	ug/l	99
41) Methacrylonitrile	7.12	41	62785	66.712	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109854	50.340	ug/l	100
43) Isopropyl Acetate	8.12	43	199025	52.906	ug/l	100
44) Trichloroethene	8.80	130	74463	47.818	ug/l	100
45) 1,2-Dichloropropane	9.08	63	82565	53.650	ug/l	98
46) Dibromomethane	9.17	93	49188	51.621	ug/l	97
47) Bromodichloromethane	9.37	83	105996	51.826	ug/l	100
48) Methyl methacrylate	9.17	41	94145	55.459	ug/l	97
49) 1,4-Dioxane	9.17	88	18453	957.636	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	619218	279.645	ug/l	100
52) Toluene	10.12	92	180334	51.974	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	121896	52.894	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	129777	53.267	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	71260	51.490	ug/l	99
56) Ethyl methacrylate	10.40	69	119441	49.553	ug/l	97
57) 1,3-Dichloropropane	10.68	76	130899	53.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	317459	283.386	ug/l	97
59) 2-Hexanone	10.72	43	453929	281.778	ug/l	100
60) Dibromochloromethane	10.87	129	74398	51.328	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71727	51.709	ug/l	100
64) Tetrachloroethene	10.60	164	76093	48.266	ug/l	99
65) Chlorobenzene	11.41	112	181285	50.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66412	51.389	ug/l	98
67) Ethyl Benzene	11.48	91	350603	51.869	ug/l	99
68) m/p-Xylenes	11.60	106	253575	102.491	ug/l	97
69) o-Xylene	11.92	106	121057	50.938	ug/l	97
70) Styrene	11.94	104	207569	52.184	ug/l	99
71) Bromoform	12.10	173	51007	53.703	ug/l #	99
73) Isopropylbenzene	12.22	105	329704	51.078	ug/l	100
74) N-amyl acetate	12.04	43	169941	51.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	106807	53.065	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	146596	79.191	ug/l #	100
77) Bromobenzene	12.50	156	75054	50.369	ug/l	96
78) n-propylbenzene	12.57	91	397616	51.933	ug/l	100
79) 2-Chlorotoluene	12.65	91	230780	51.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	280194	52.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	39543	54.246	ug/l	97
82) 4-Chlorotoluene	12.75	91	247080	52.093	ug/l	97
83) tert-Butylbenzene	12.97	119	229065	50.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	283688	51.540	ug/l	99
85) sec-Butylbenzene	13.15	105	319657	52.046	ug/l	99
86) p-Isopropyltoluene	13.26	119	289677	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	139540	50.869	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	139831	49.890	ug/l	99
89) n-Butylbenzene	13.59	91	274394	54.089	ug/l	100
90) Hexachloroethane	13.85	117	29131	50.398	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	133398	50.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	22605	53.177	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Quantitation Report (Not Reviewed)

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QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

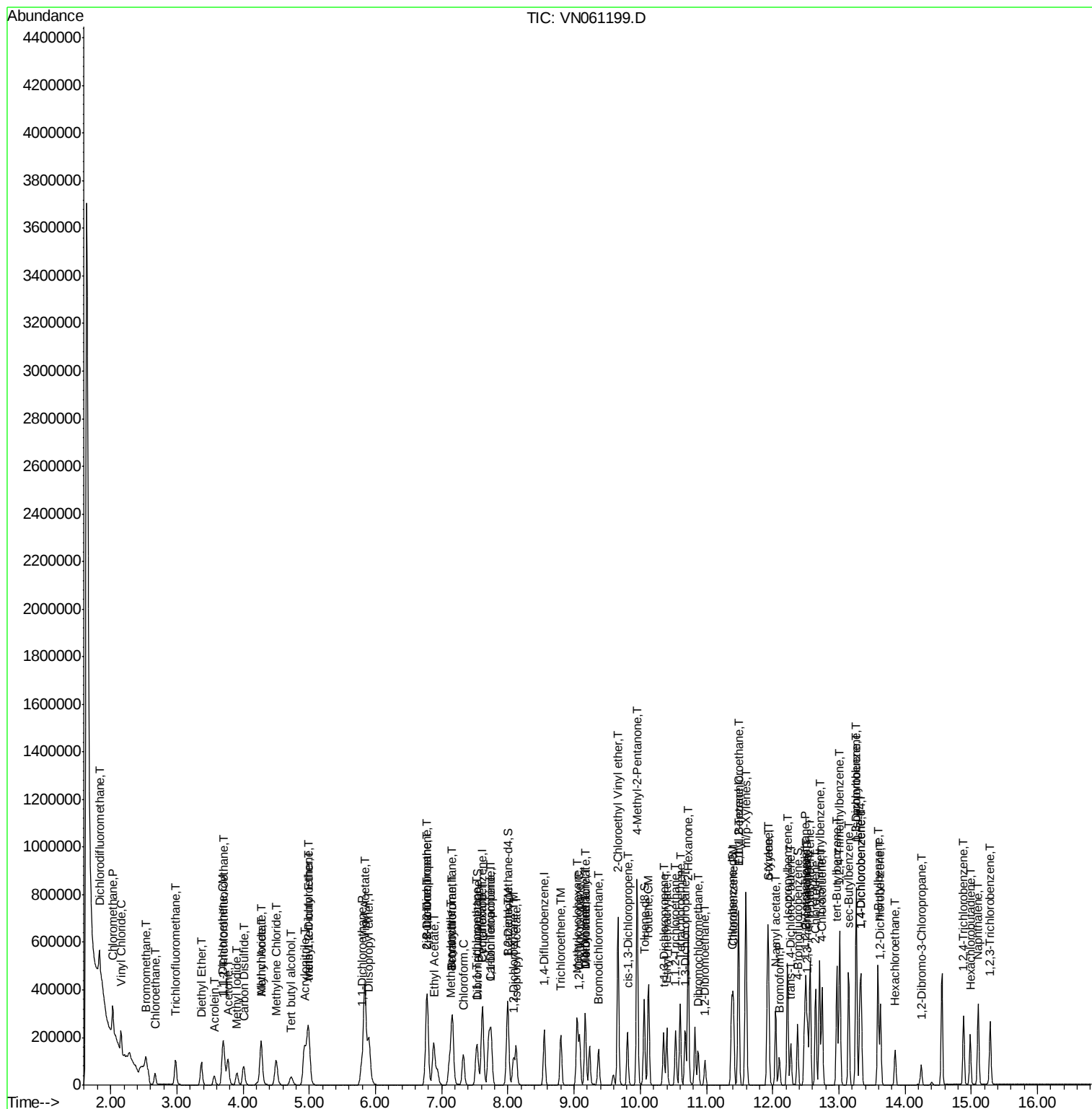
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	86197	53.817	ug/l	100
94) Hexachlorobutadiene	14.98	225	38322	57.272	ug/l	98
95) Naphthalene	15.10	128	271912	52.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	84563	53.476	ug/l	99

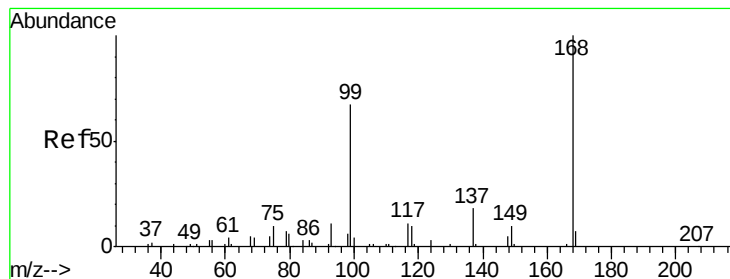
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

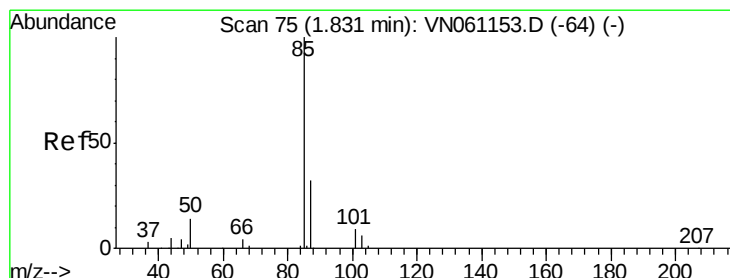
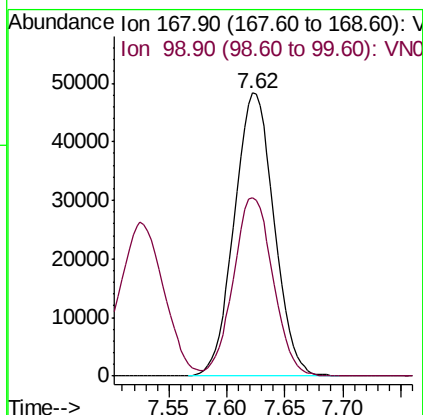
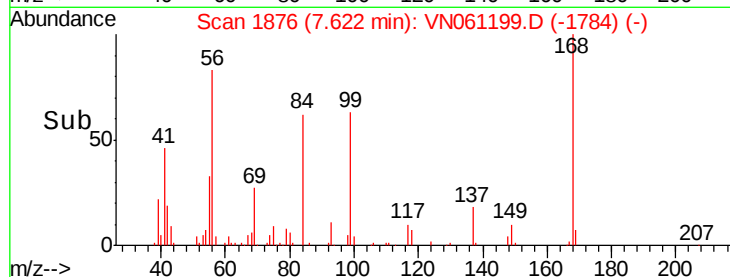
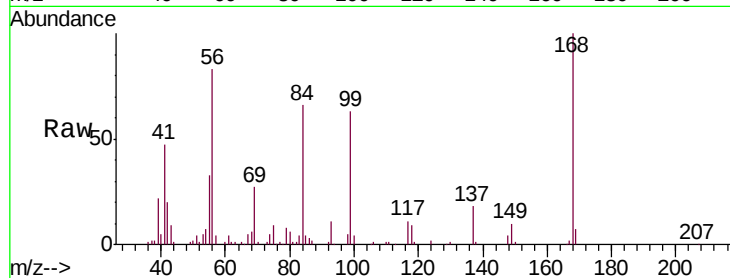
VSTDCCC050

Tgt Ion: 168 Resp: 115494

Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 50.645 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061199.D

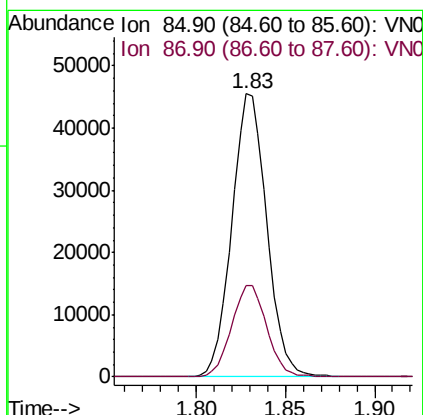
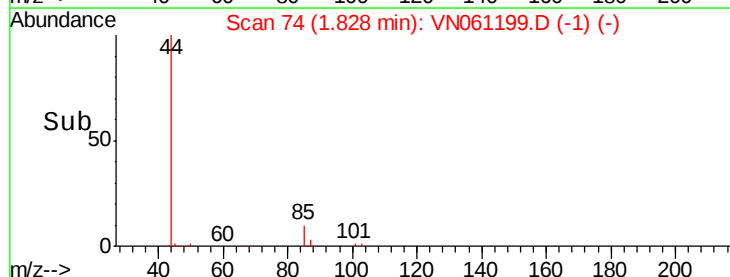
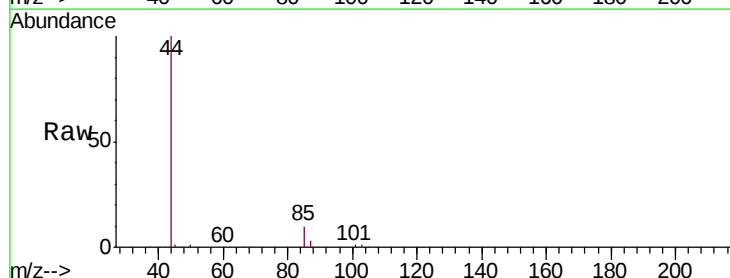
Acq: 30 Apr 2020 13:44

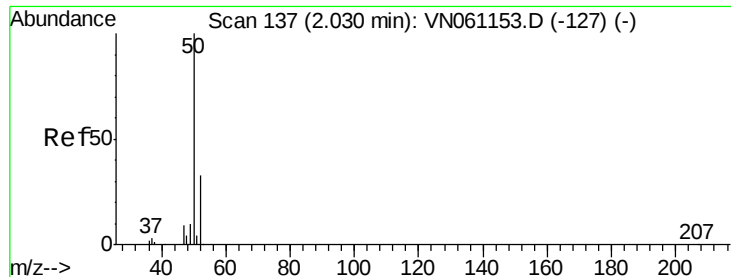
Tgt Ion: 85 Resp: 62026

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2





#3

Chloromethane

Concen: 57.981 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

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ClientSampleId :

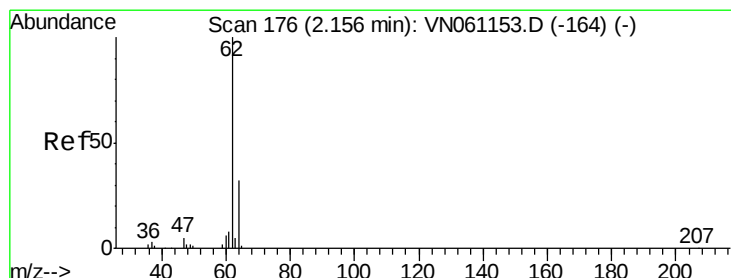
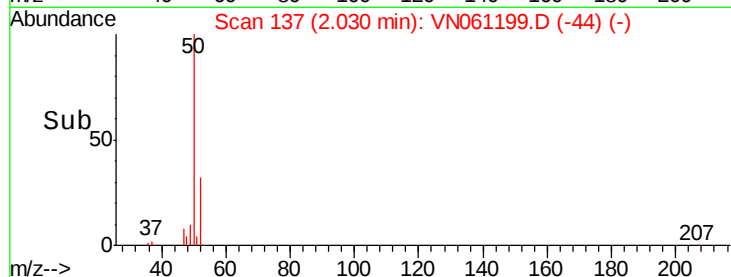
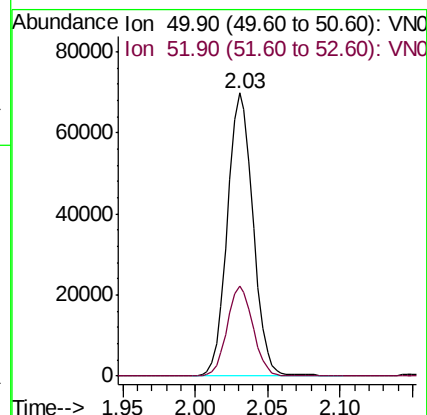
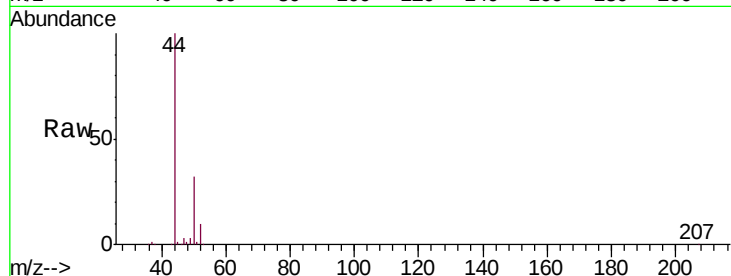
VSTDCCC050

Tgt Ion: 50 Resp: 86002

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 47.257 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061199.D

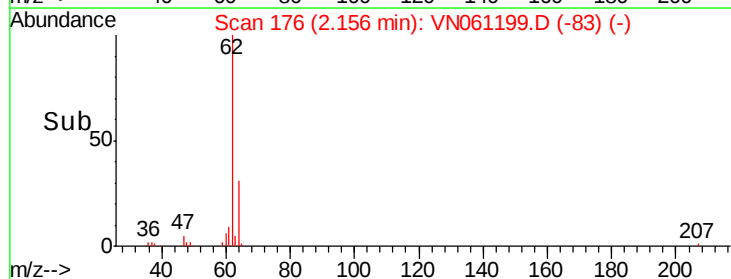
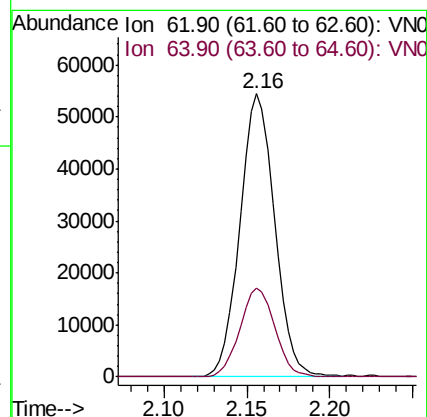
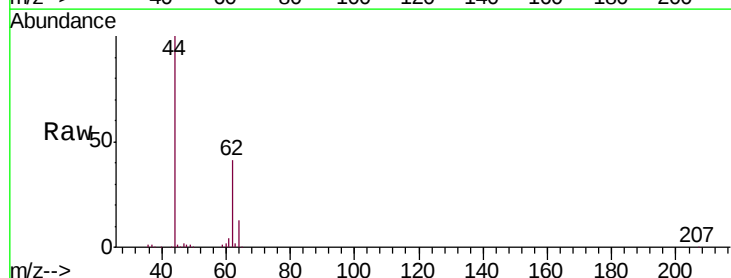
Acq: 30 Apr 2020 13:44

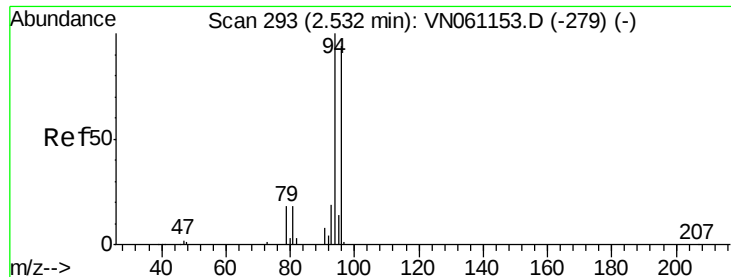
Tgt Ion: 62 Resp: 79616

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 38.821 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

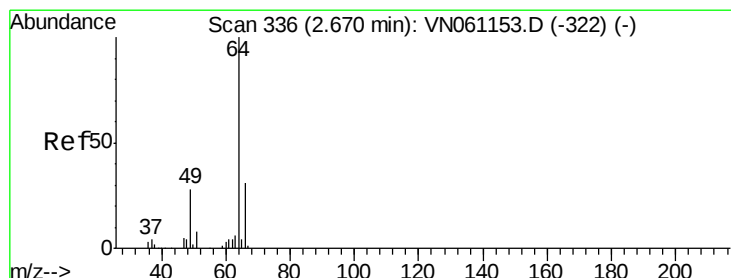
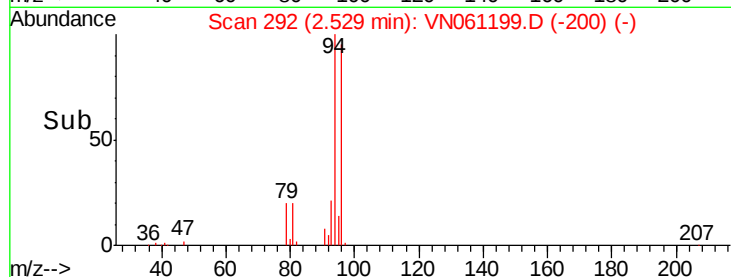
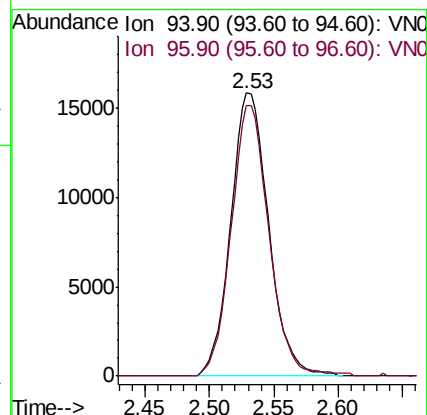
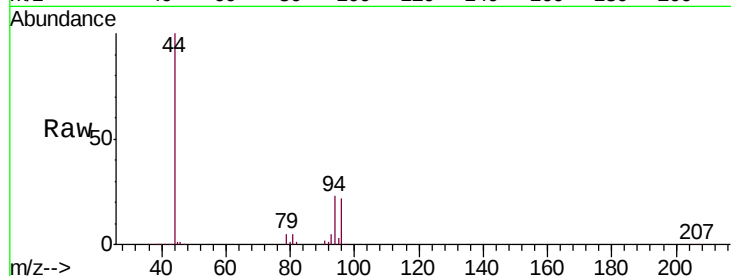
VSTDCCC050

Tgt Ion: 94 Resp: 32329

Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7



#6

Chloroethane

Concen: 41.465 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061199.D

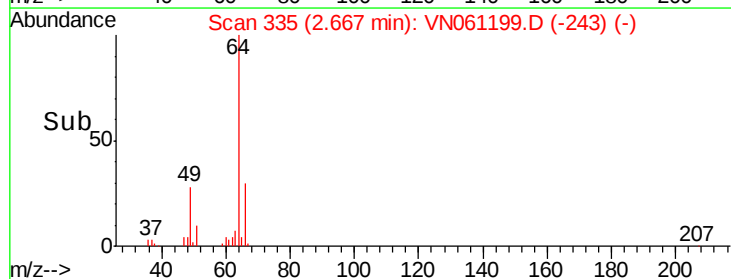
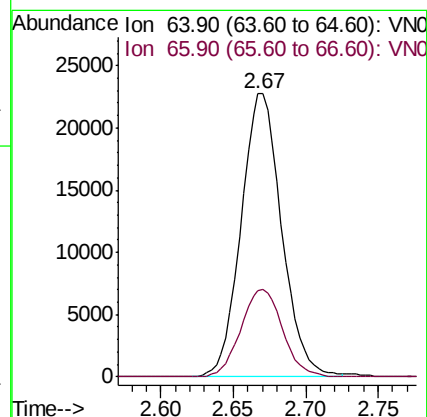
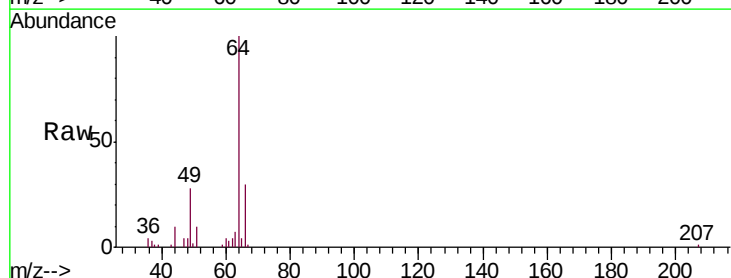
Acq: 30 Apr 2020 13:44

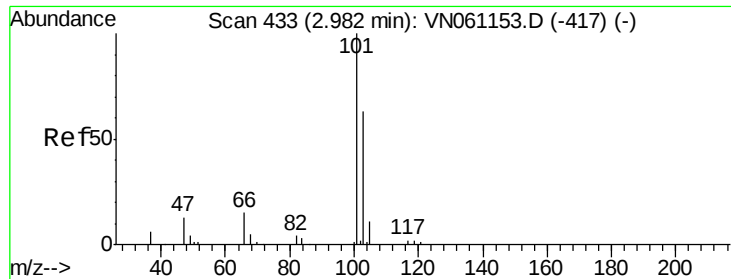
Tgt Ion: 64 Resp: 44278

Ion Ratio Lower Upper

64 100

66 30.3 24.6 36.8



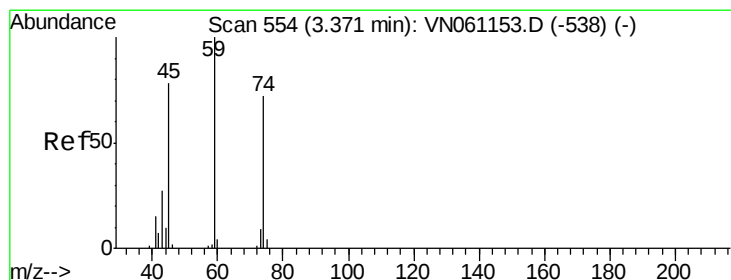
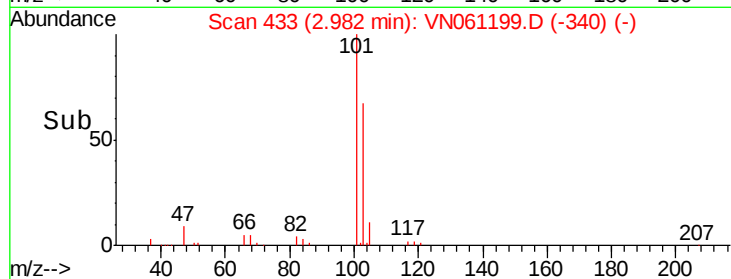
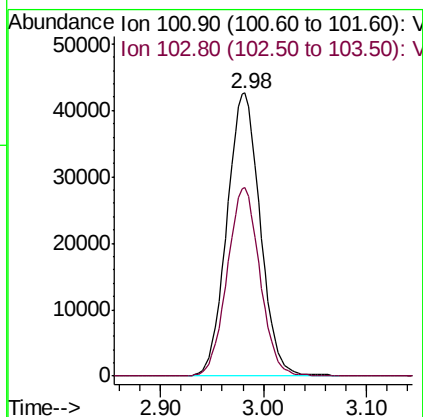
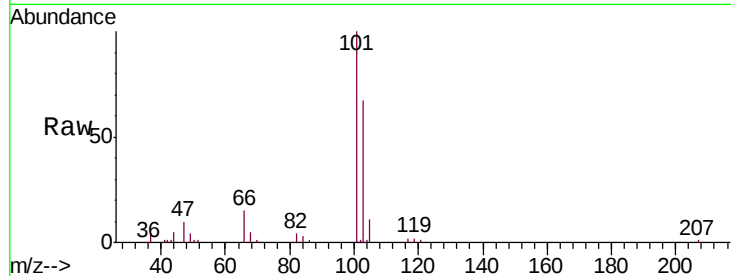


#7

Trichlorofluoromethane
 Concen: 50.298 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
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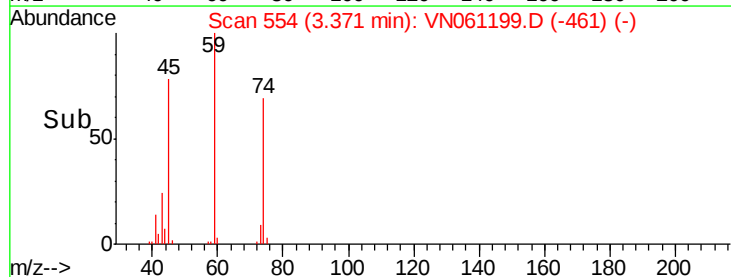
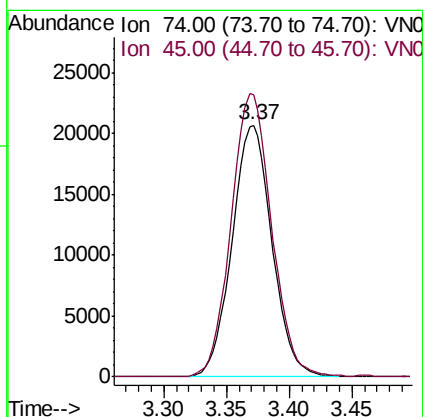
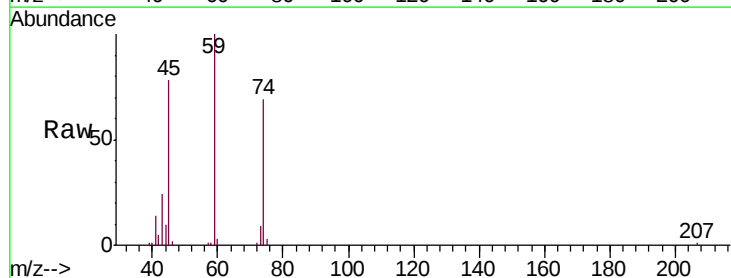
Tgt Ion:101 Resp: 95604
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.6 76.0

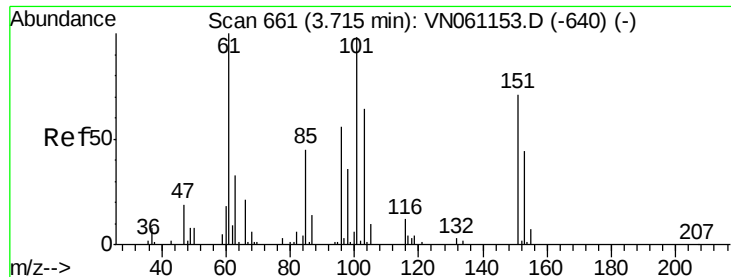


#8

Diethyl Ether
 Concen: 57.643 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 74 Resp: 45700
 Ion Ratio Lower Upper
 74 100
 45 114.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.703 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

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VSTDCCC050

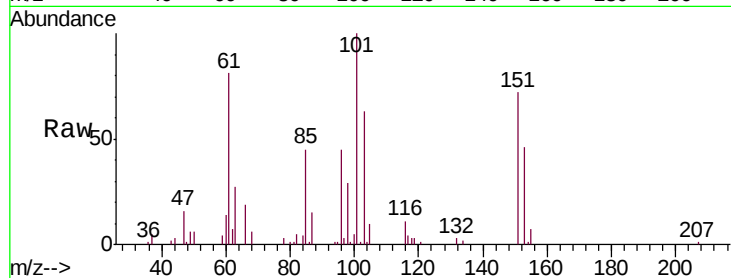
Tgt Ion:101 Resp: 63311

Ion Ratio Lower Upper

101 100

85 45.3 37.2 55.8

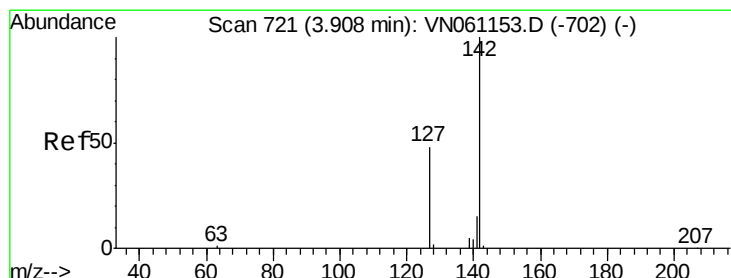
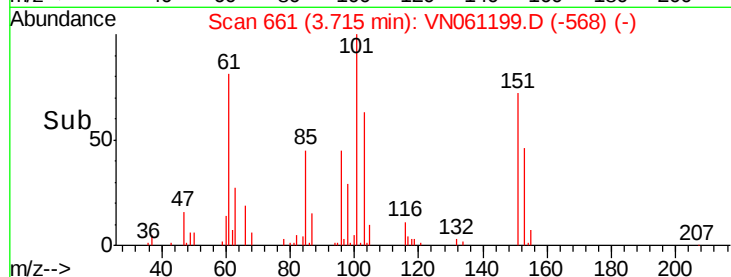
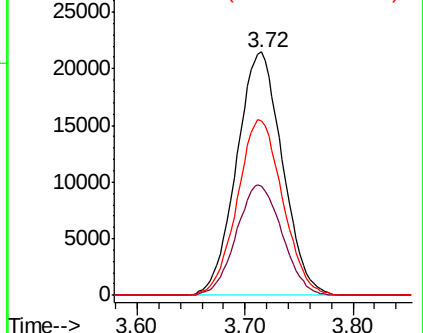
151 71.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.494 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

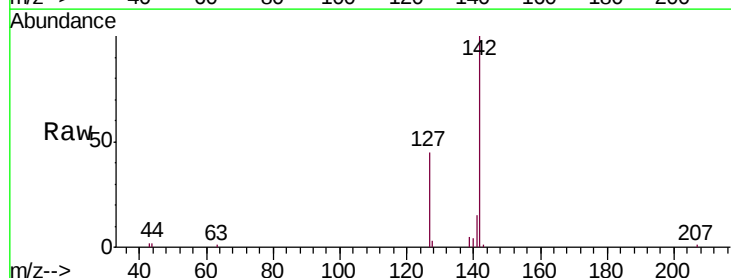
Tgt Ion:142 Resp: 76314

Ion Ratio Lower Upper

142 100

127 45.3 38.0 57.0

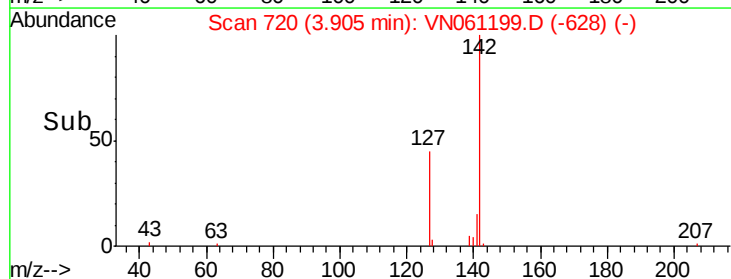
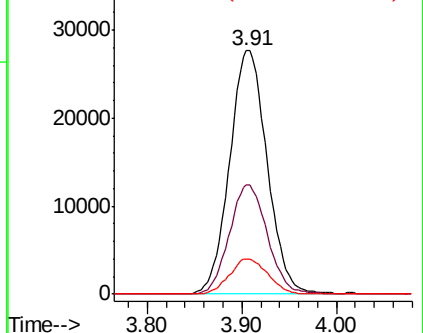
141 14.6 11.7 17.5

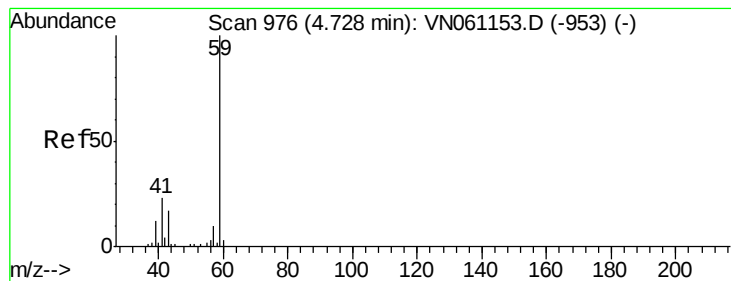


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



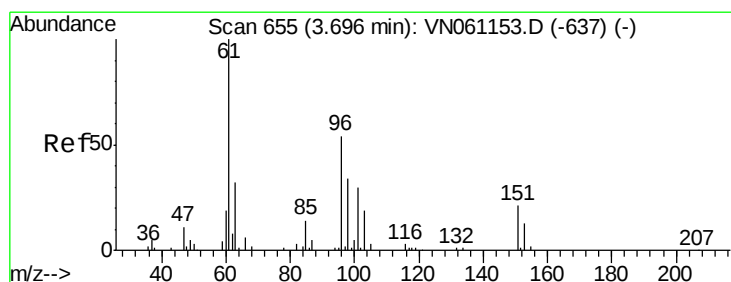
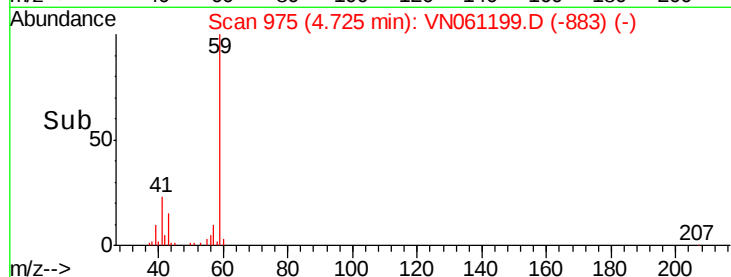
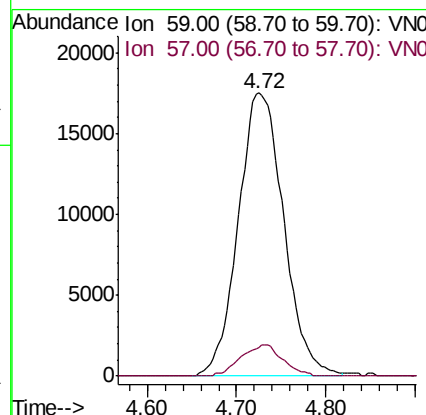
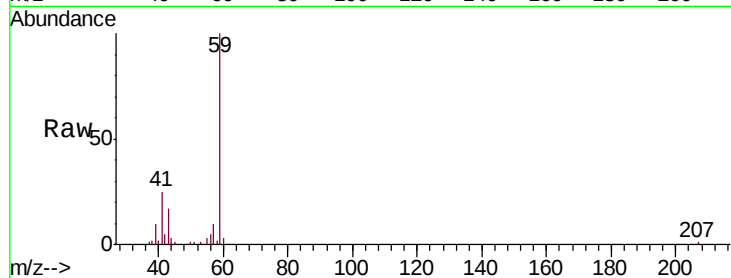


#11

Tert butyl alcohol
 Concen: 253.260 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

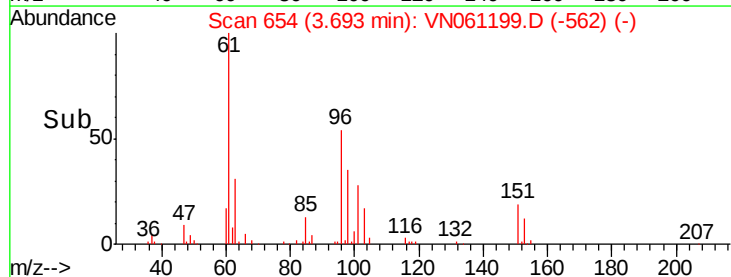
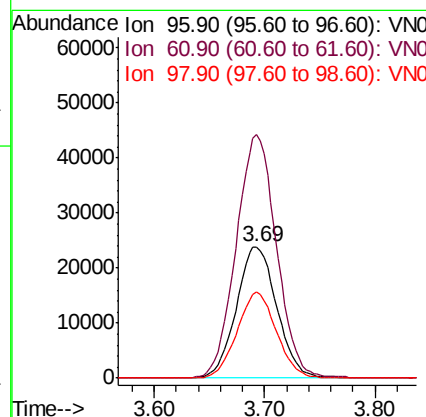
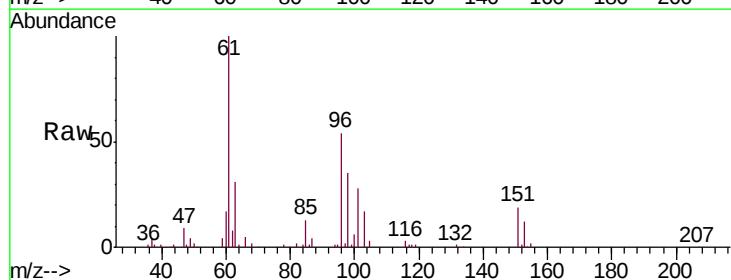
Tgt Ion: 59 Resp: 61999
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

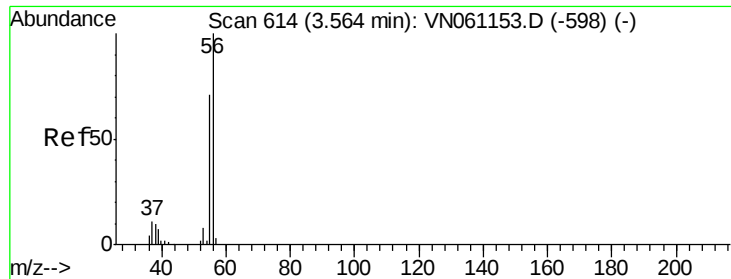


#12

1,1-Dichloroethene
 Concen: 49.705 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 96 Resp: 60568
 Ion Ratio Lower Upper
 96 100
 61 185.3 147.0 220.6
 98 65.3 49.8 74.6





#13

Acrolein

Concen: 262.017 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

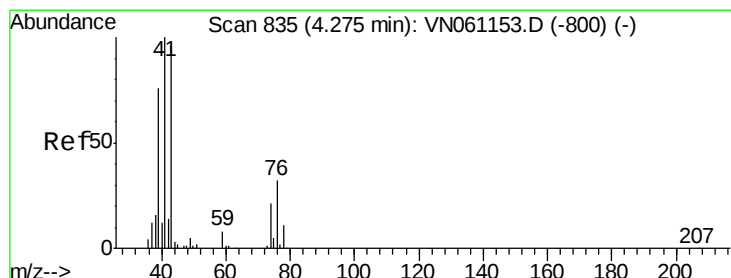
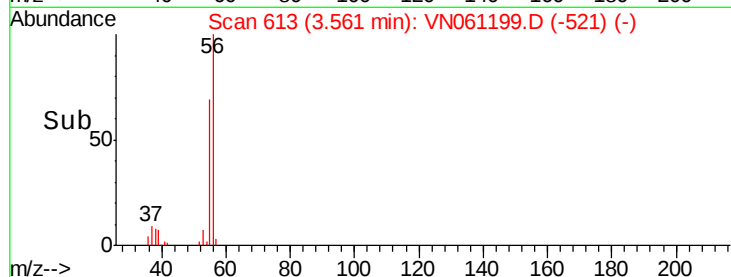
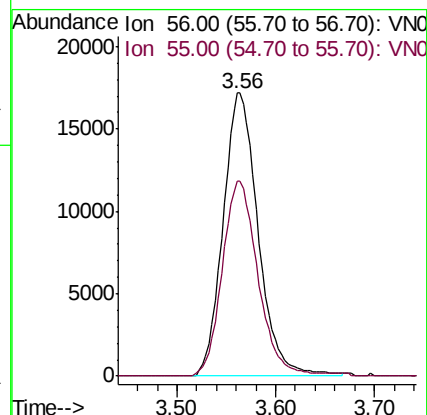
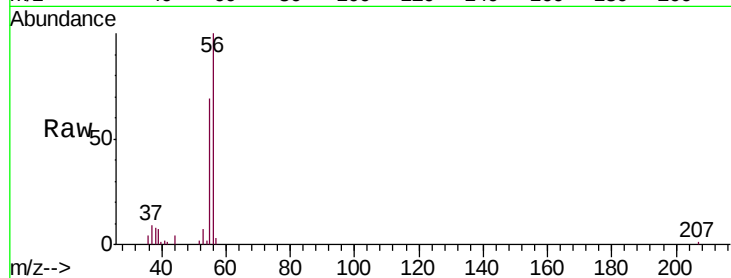
VSTDCCC050

Tgt Ion: 56 Resp: 42745

Ion Ratio Lower Upper

56 100

55 70.2 58.5 87.7



#14

Allyl chloride

Concen: 62.258 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

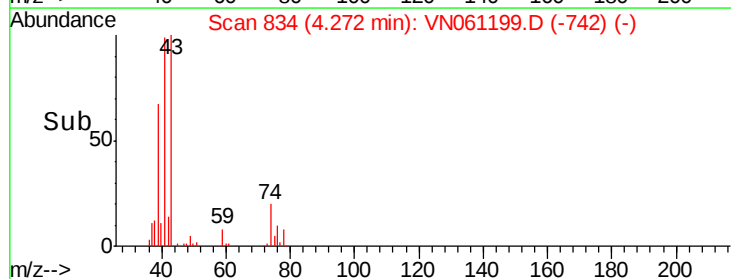
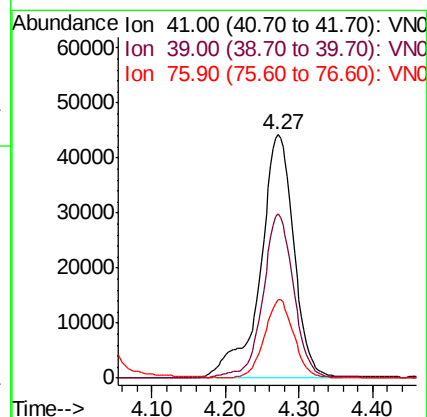
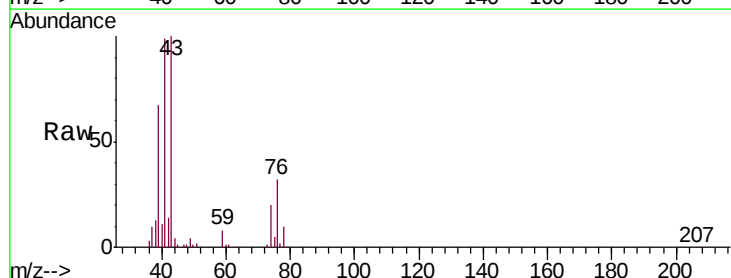
Tgt Ion: 41 Resp: 140667

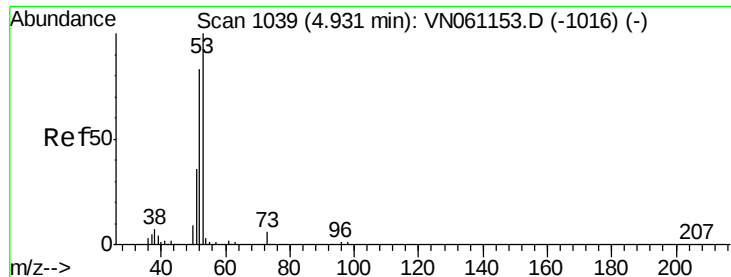
Ion Ratio Lower Upper

41 100

39 61.7 57.1 85.7

76 28.2 24.3 36.5





#15

Acrylonitrile

Concen: 288.109 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

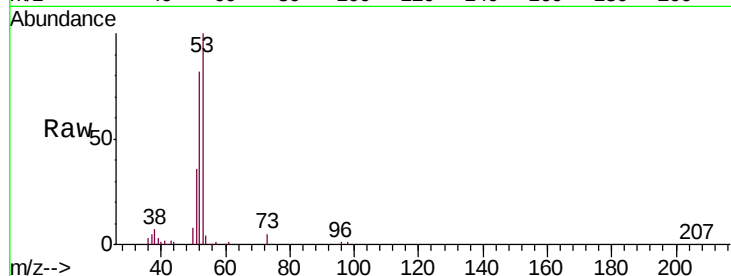
Tgt Ion: 53 Resp: 216509

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

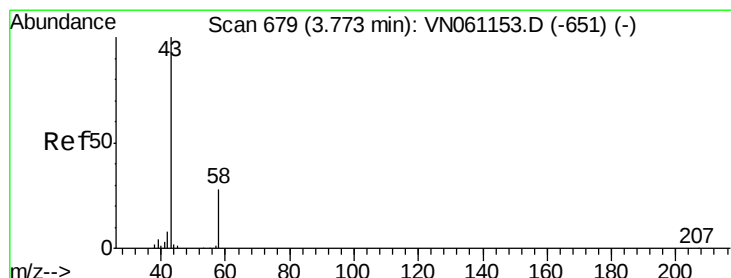
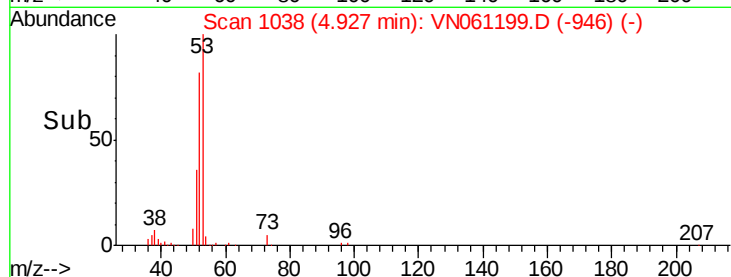
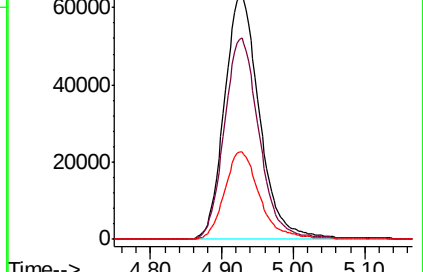
51 36.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061199.D (-946) (-)

Ion 52.00 (51.70 to 52.70): VN061199.D (-946) (-)

Ion 51.00 (50.70 to 51.70): VN061199.D (-946) (-)



#16

Acetone

Concen: 257.570 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061199.D

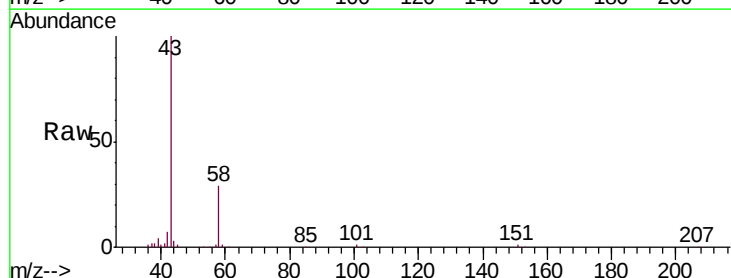
Acq: 30 Apr 2020 13:44

Tgt Ion: 43 Resp: 181925

Ion Ratio Lower Upper

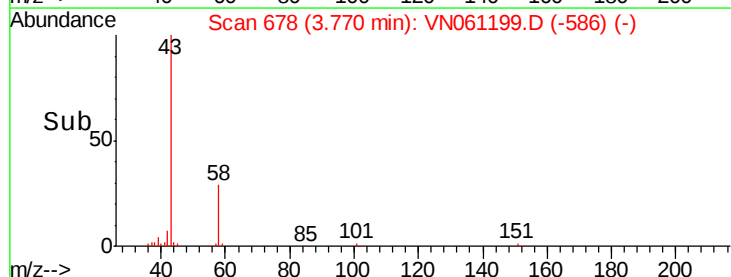
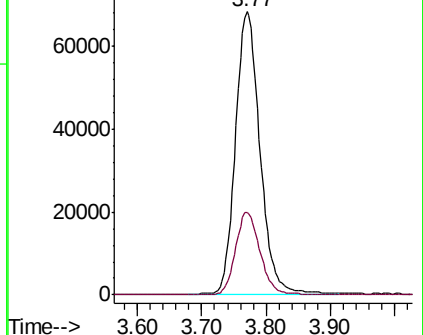
43 100

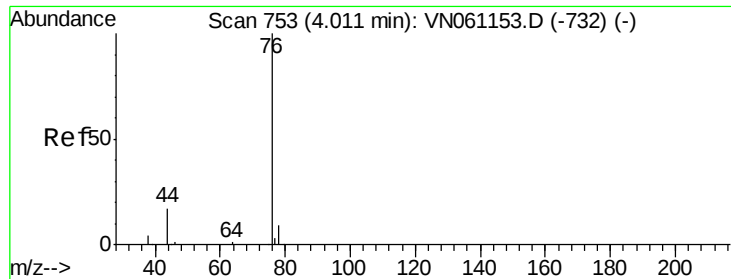
58 29.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061199.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061199.D (-586) (-)

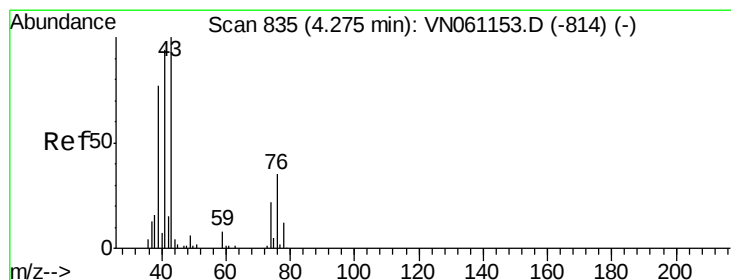
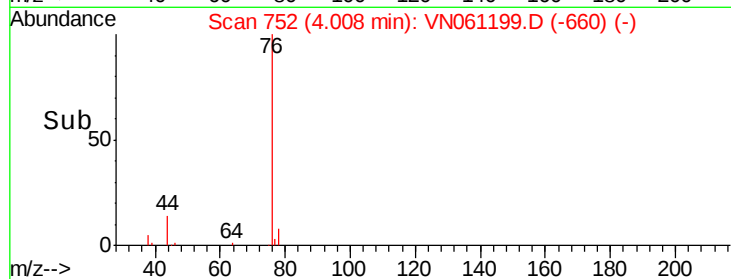
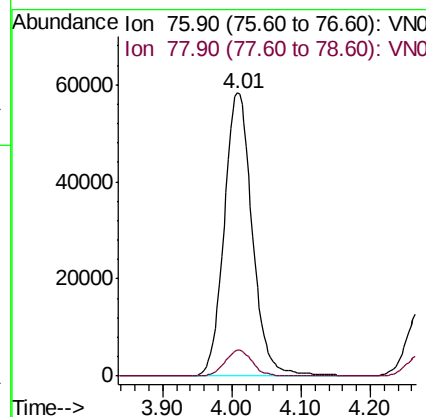
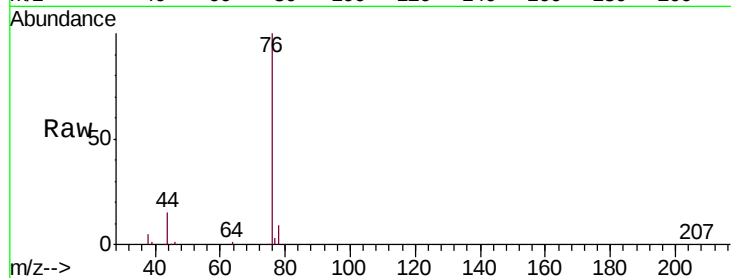




#17
Carbon Disulfide
Concen: 49.028 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

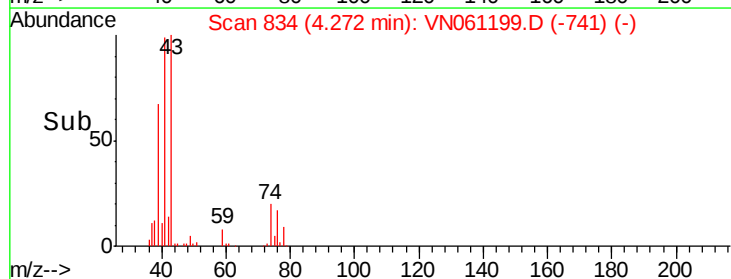
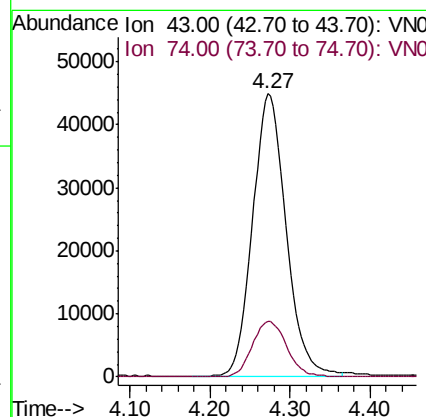
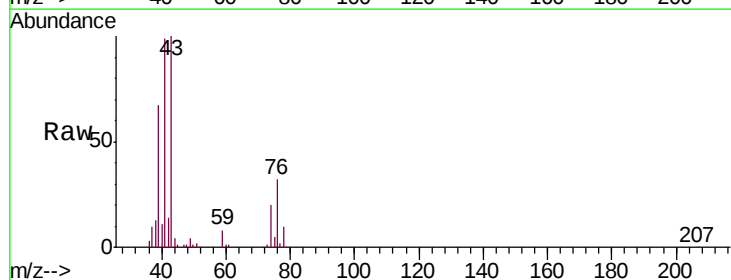
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

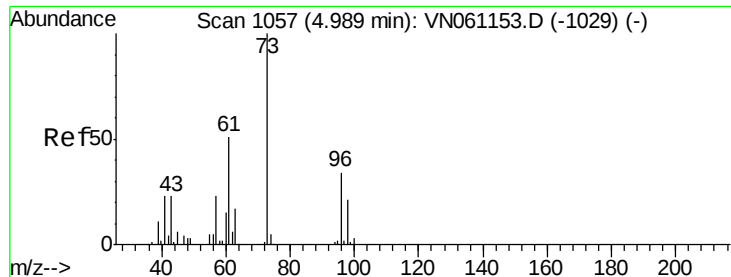
Tgt Ion: 76 Resp: 165033
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 55.913 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 43 Resp: 129171
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4

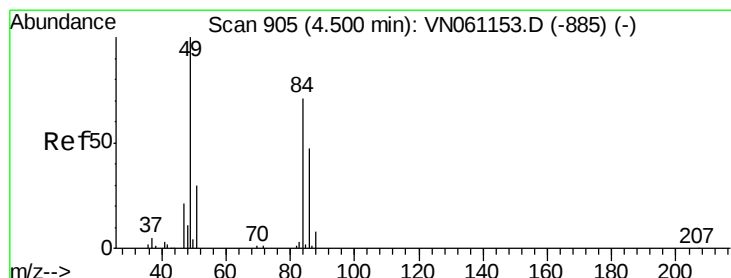
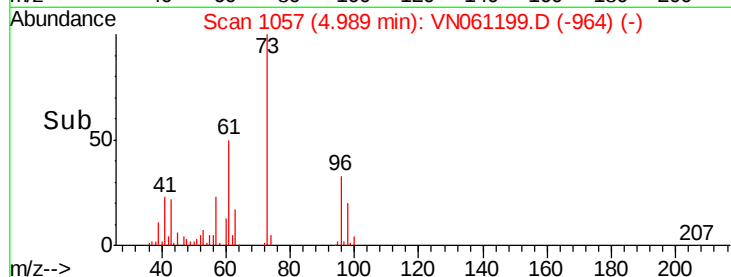
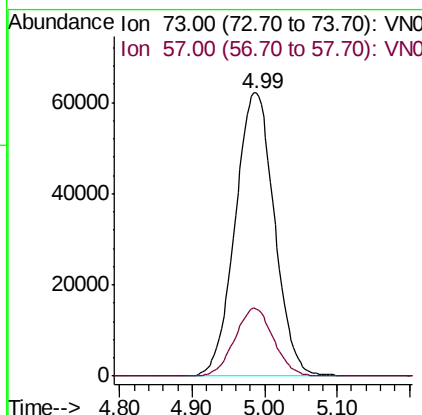
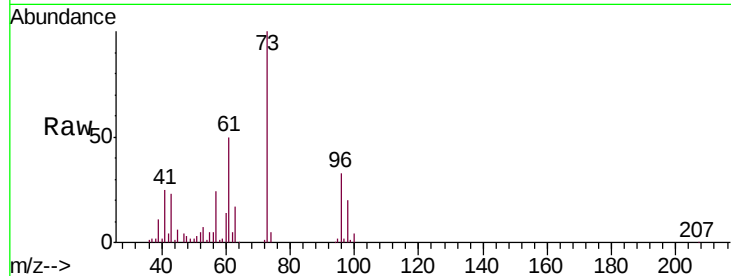




#19
Methyl tert-butyl Ether
Concen: 50.150 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

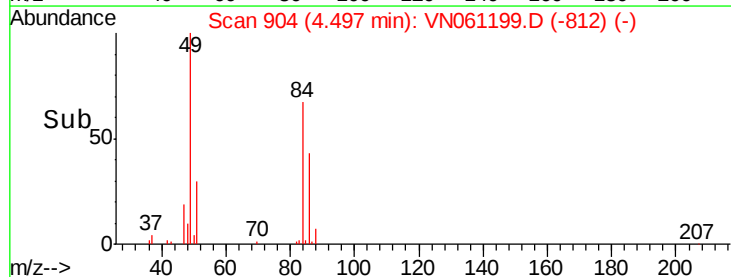
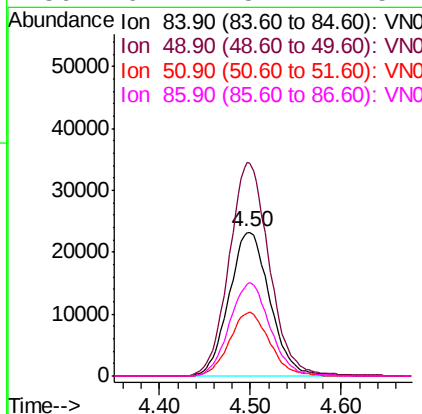
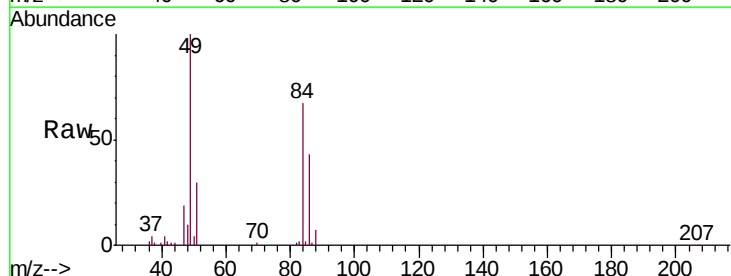
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

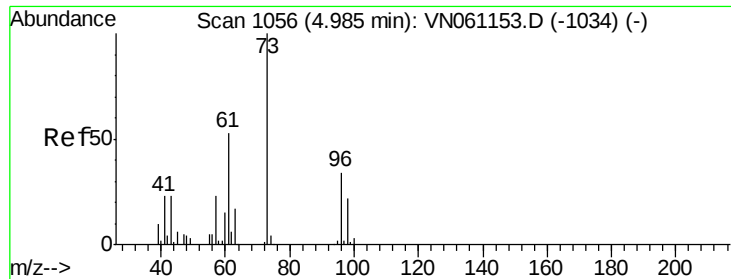
Tgt Ion: 73 Resp: 233508
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 50.751 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 84 Resp: 72320
Ion Ratio Lower Upper
84 100
49 148.7 112.0 168.0
51 44.1 33.6 50.4
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.562 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

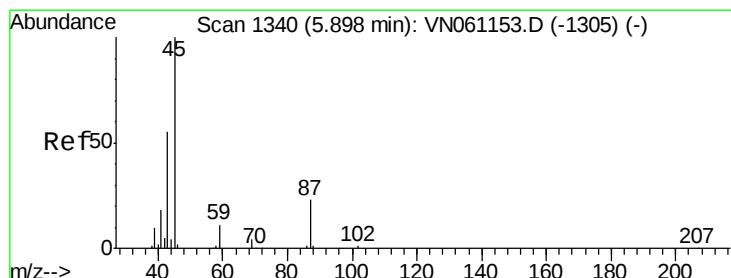
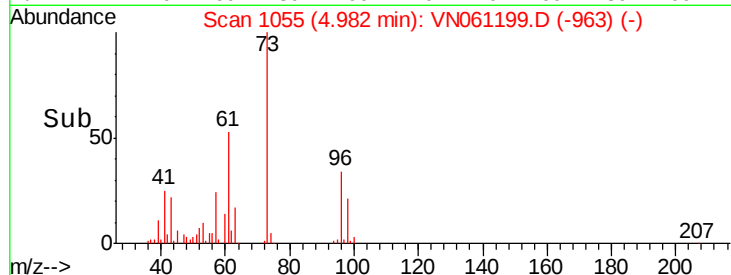
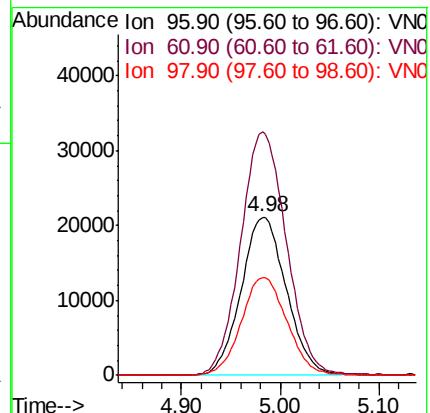
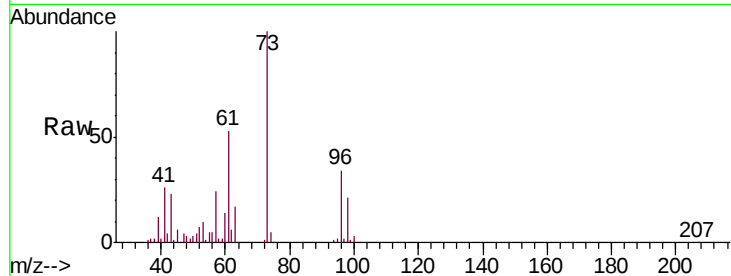
Tgt Ion: 96 Resp: 67091

Ion Ratio Lower Upper

96 100

61 154.2 123.0 184.4

98 61.8 50.1 75.1



#22

Diisopropyl ether

Concen: 53.790 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Tgt Ion: 45 Resp: 281831

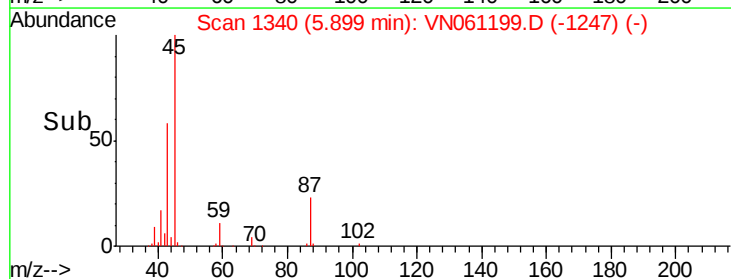
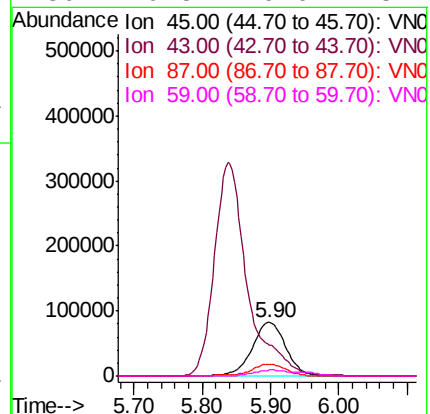
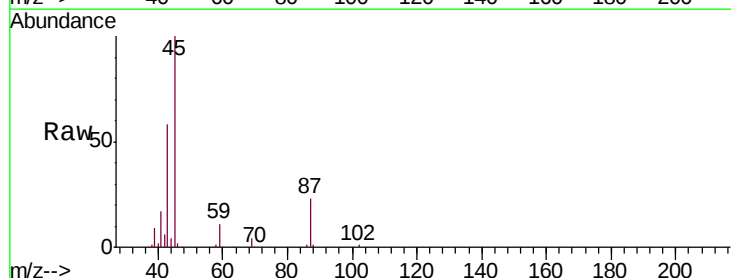
Ion Ratio Lower Upper

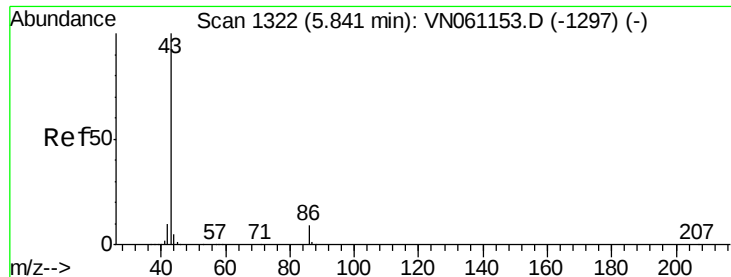
45 100

43 57.1 47.9 71.9

87 22.8 19.2 28.8

59 10.8 9.0 13.4

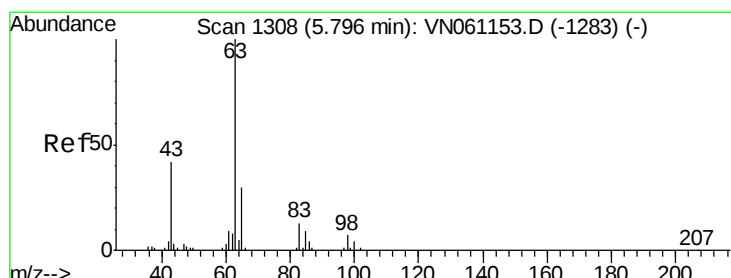
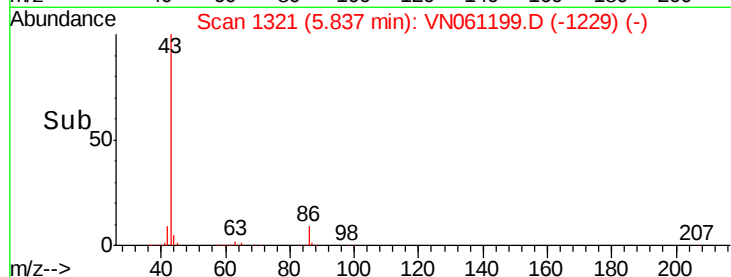
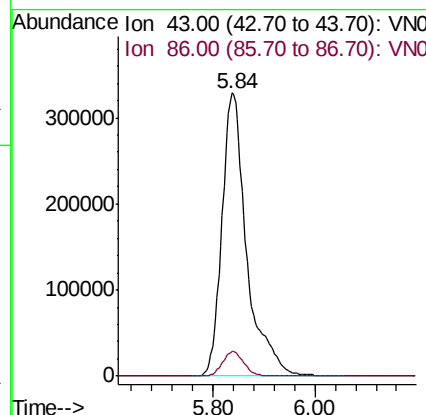
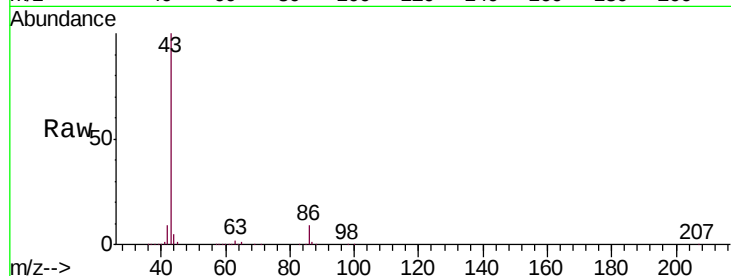




#23
 Vinyl Acetate
 Concen: 262.477 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

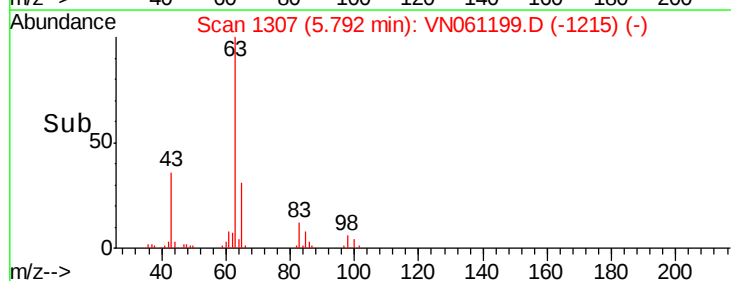
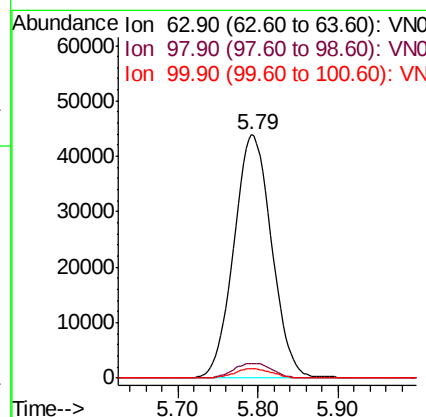
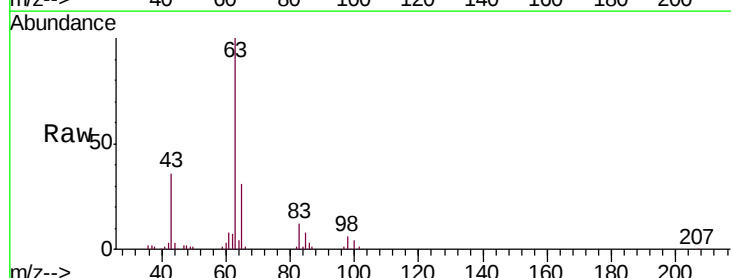
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

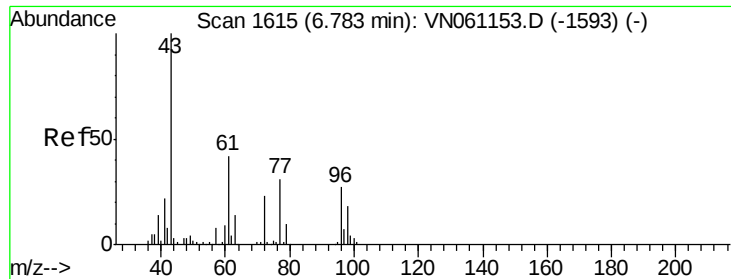
Tgt Ion: 43 Resp: 1107305
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 51.468 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 63 Resp: 140893
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.0 1.9 5.7

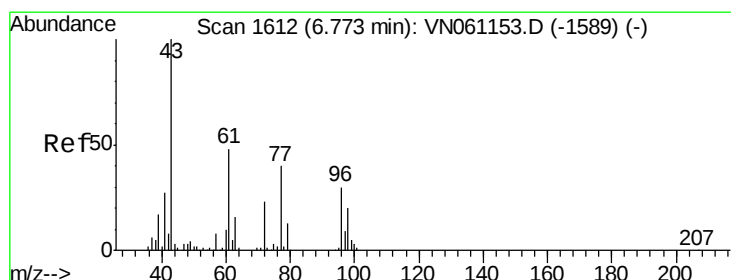
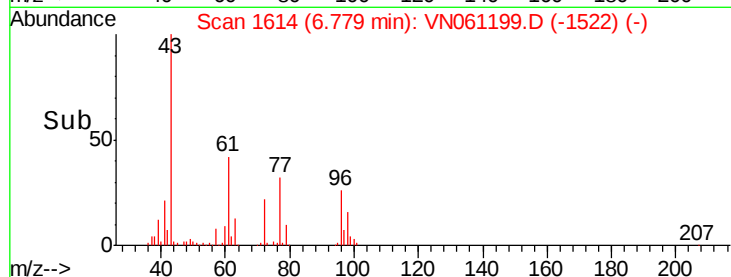
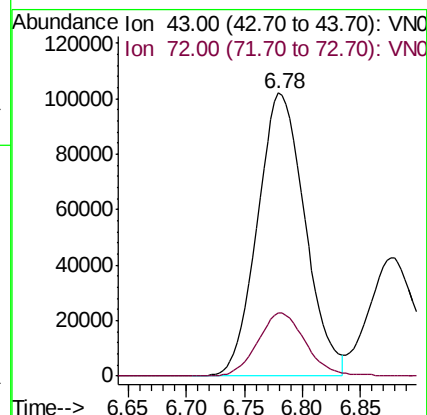
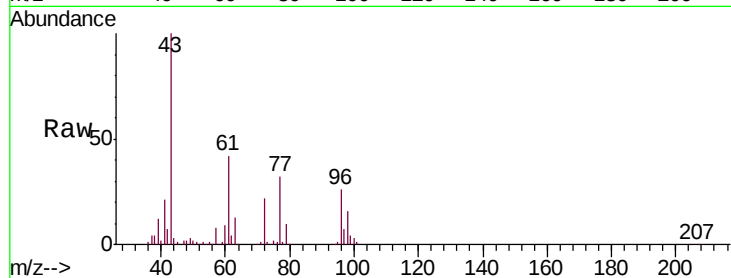




#25
2-Butanone
Concen: 269.114 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

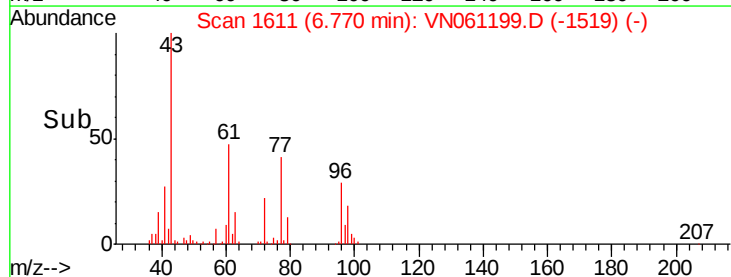
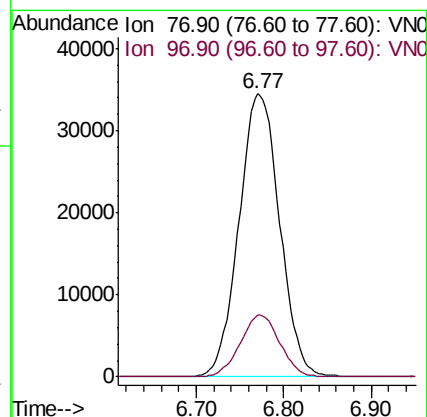
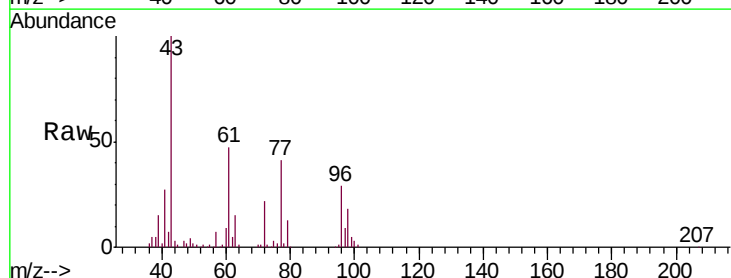
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

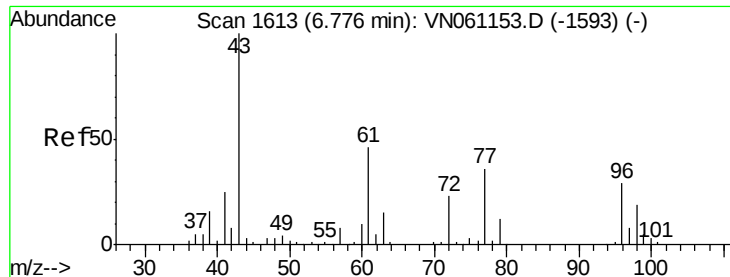
Tgt Ion: 43 Resp: 291013
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.4



#26
2,2-Dichloropropane
Concen: 48.203 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 77 Resp: 111145
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5

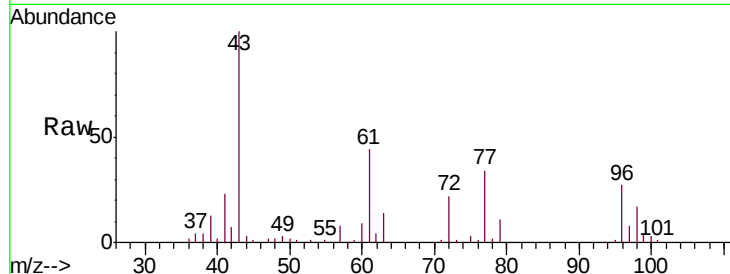




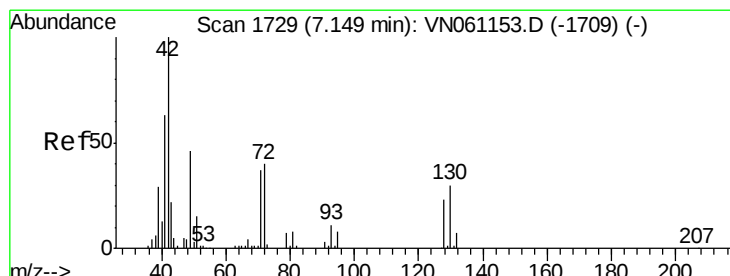
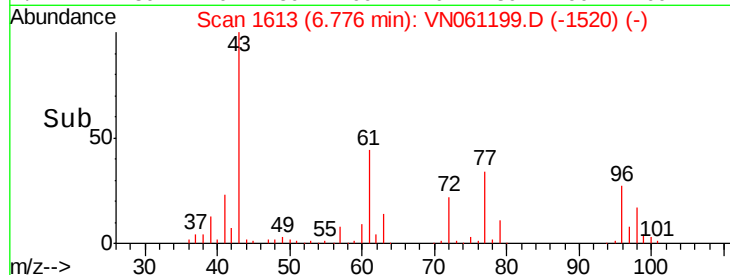
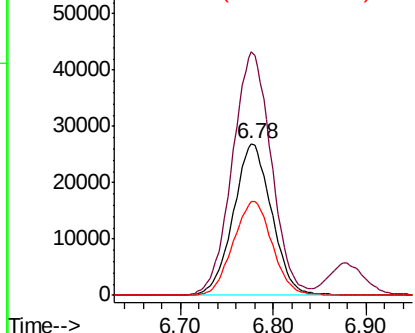
#27
 cis-1,2-Dichloroethene
 Concen: 49.694 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 77380
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 322.0
 98 63.2 0.0 129.6

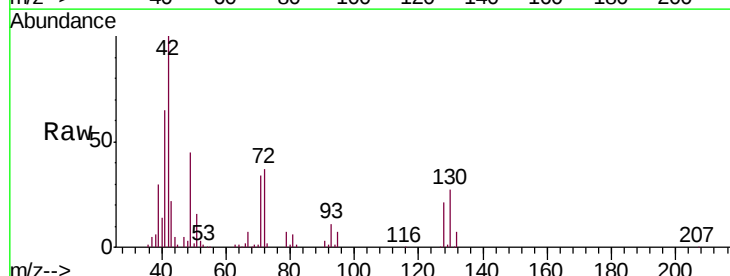


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

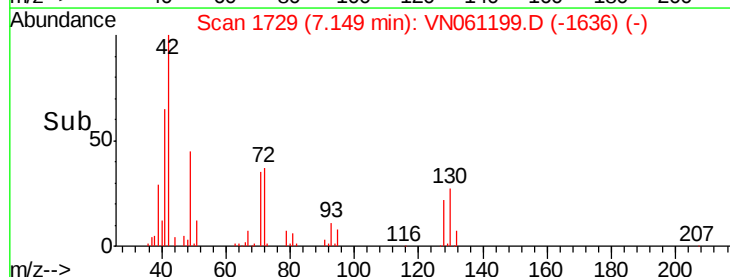
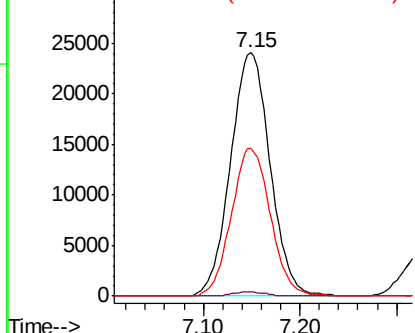


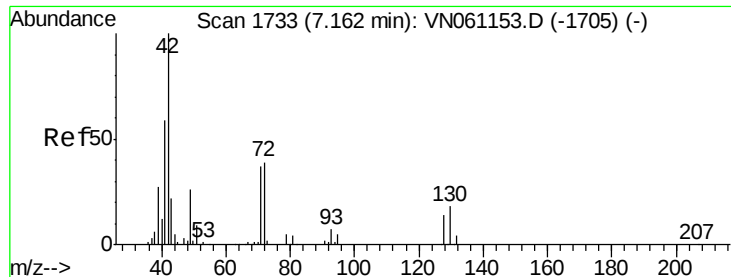
#28
 Bromochloromethane
 Concen: 52.714 ug/l
 RT: 7.15 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 49 Resp: 68397
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 59.8 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 276.793 ug/l

RT: 7.16 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

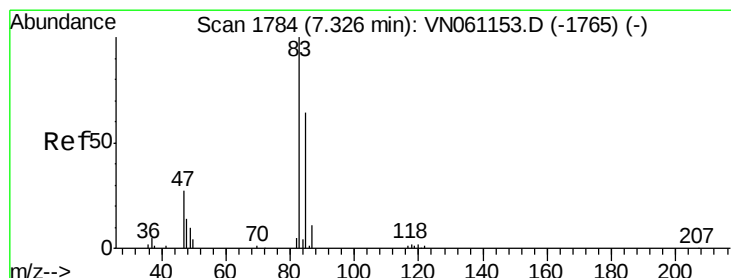
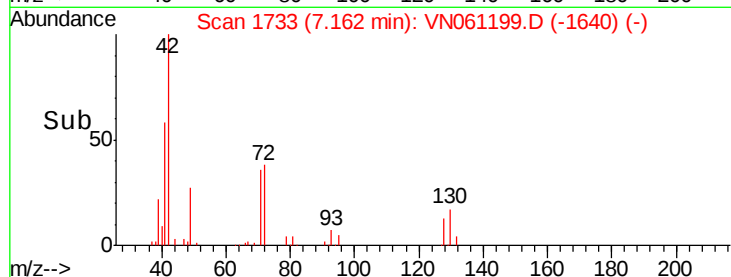
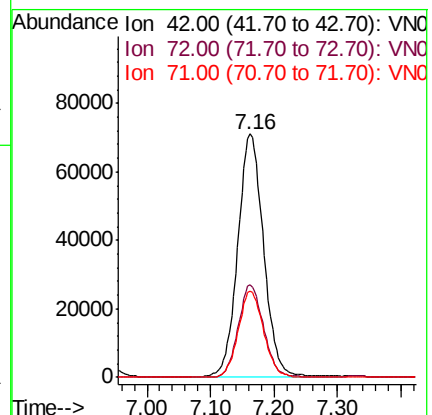
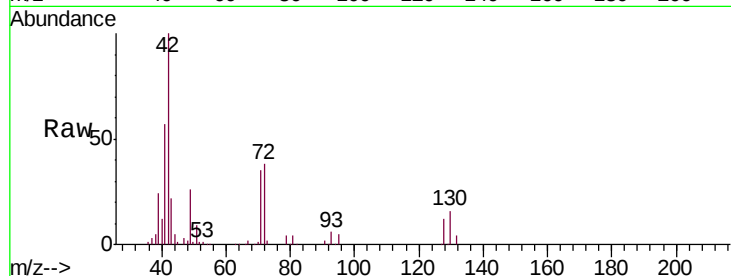
Tgt Ion: 42 Resp: 201626

Ion Ratio Lower Upper

42 100

72 37.1 31.4 47.0

71 34.4 29.5 44.3



#30

Chloroform

Concen: 47.330 ug/l

RT: 7.33 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VN061199.D

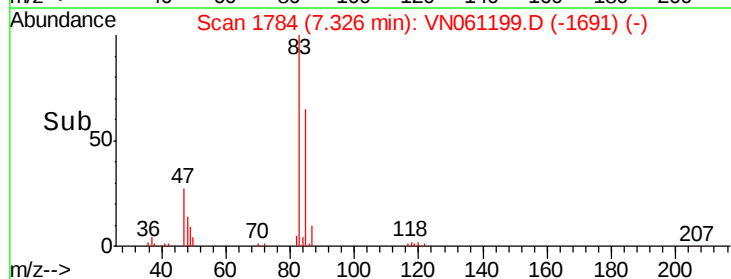
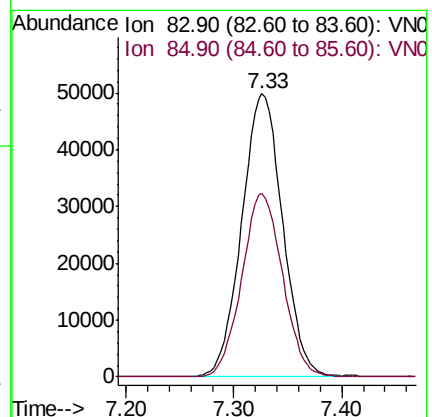
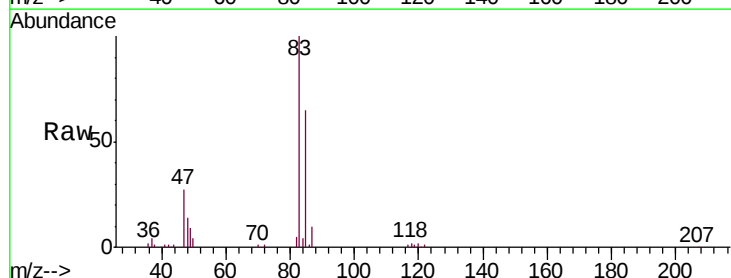
Acq: 30 Apr 2020 13:44

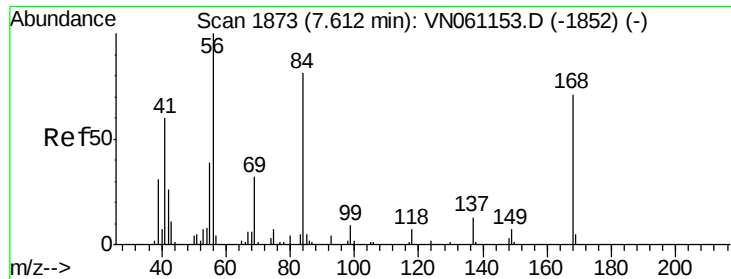
Tgt Ion: 83 Resp: 131300

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

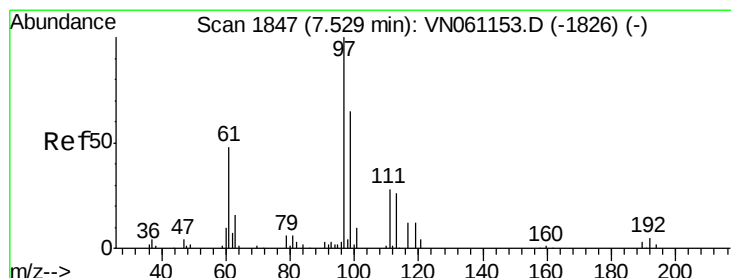
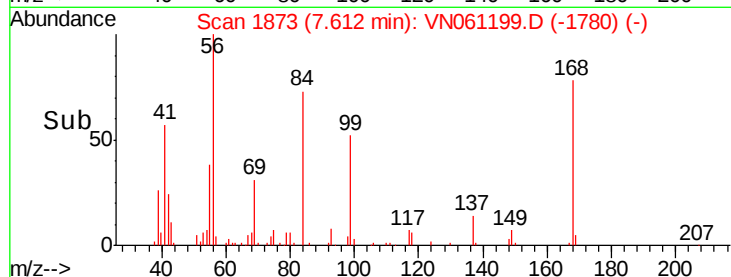
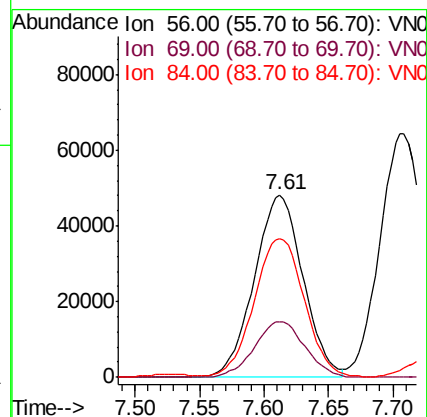
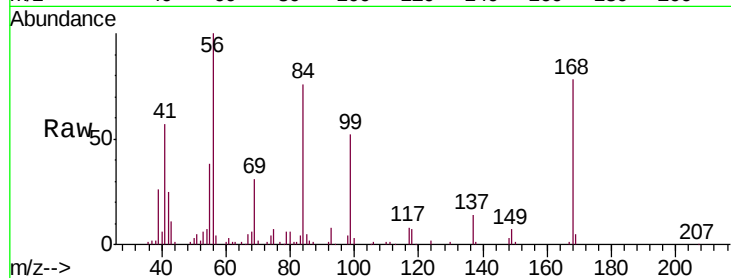




#31
Cyclohexane
Concen: 47.651 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

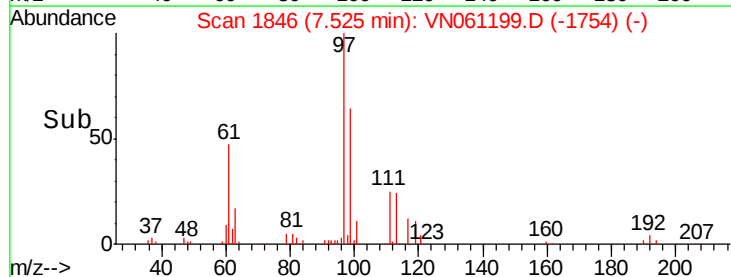
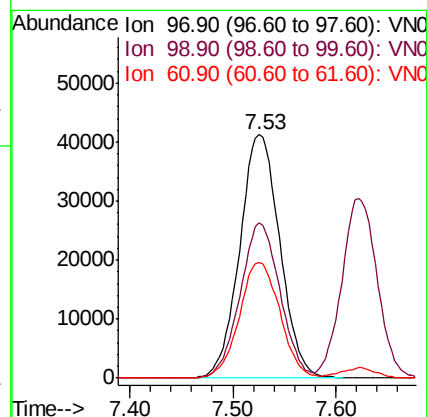
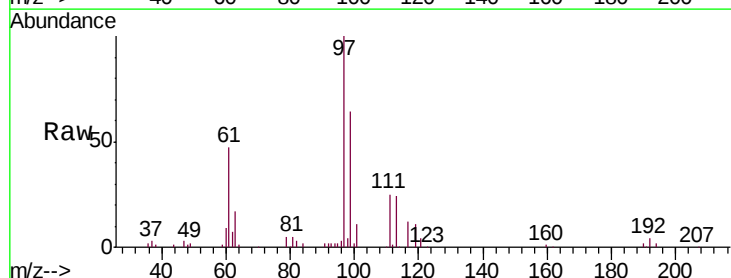
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

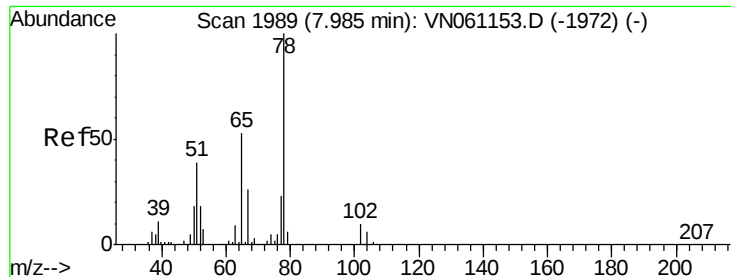
Tgt Ion: 56 Resp: 126682
Ion Ratio Lower Upper
56 100
69 30.6 25.7 38.5
84 75.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 46.180 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 97 Resp: 111557
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 48.1 38.6 57.8

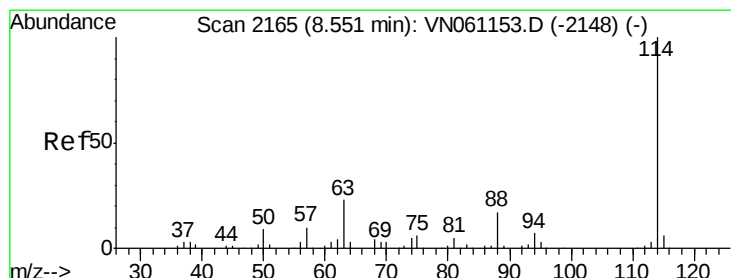
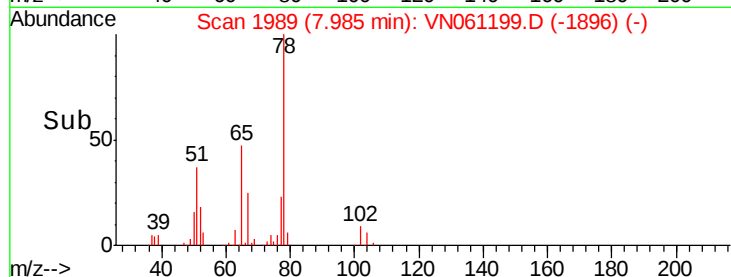
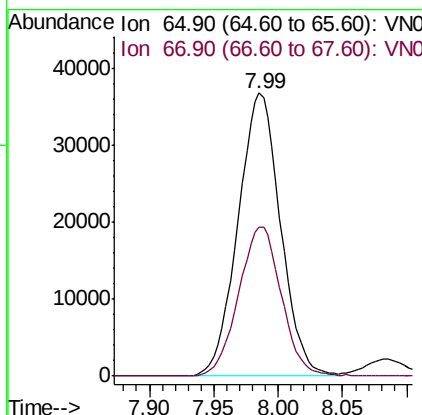
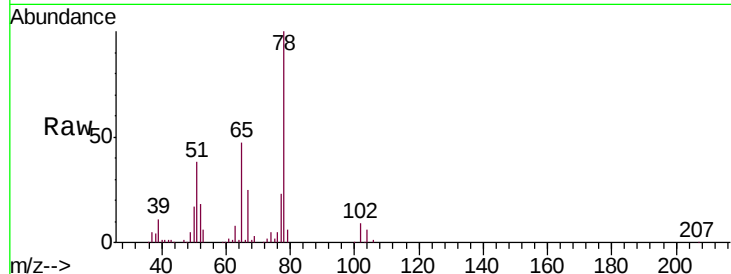




#33
 1,2-Dichloroethane-d4
 Concen: 46.080 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

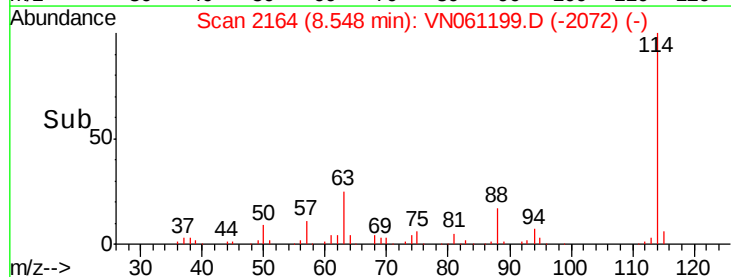
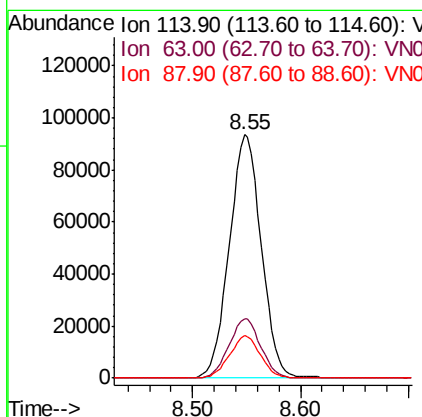
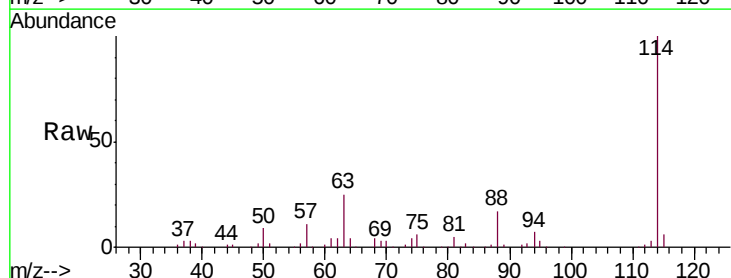
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

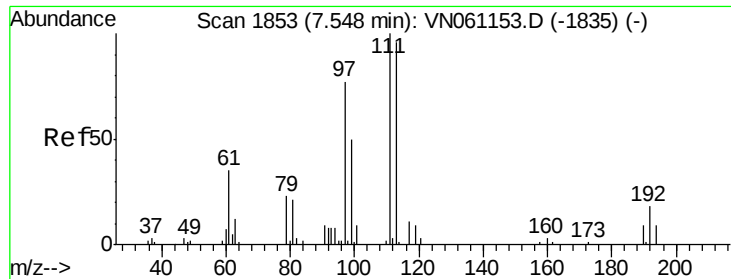
Tgt Ion: 65 Resp: 84210
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 114 Resp: 193149
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 46.6
 88 17.3 0.0 33.4

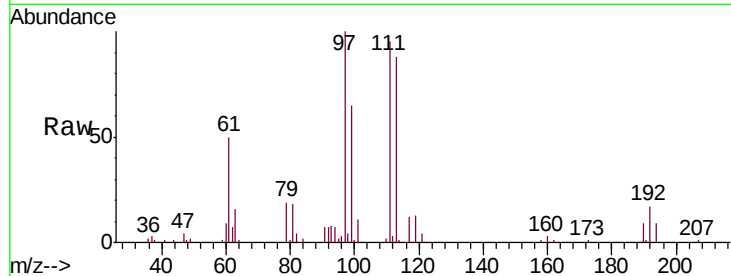




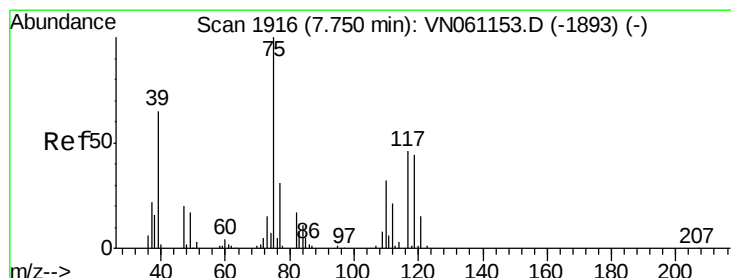
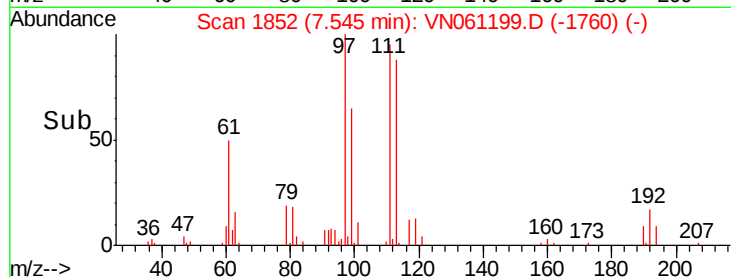
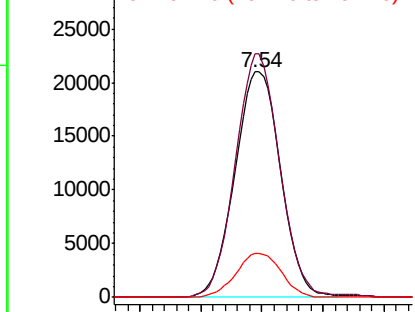
#35
 Dibromofluoromethane
 Concen: 47.916 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 54726
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 19.3 14.7 22.1

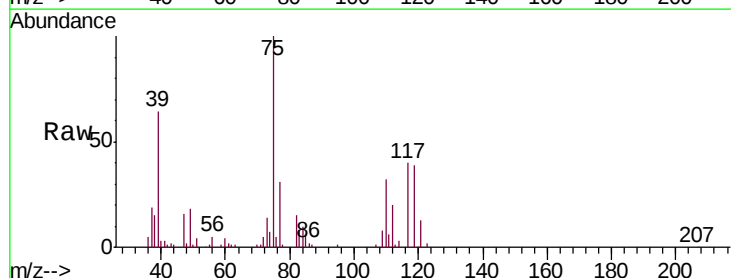


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

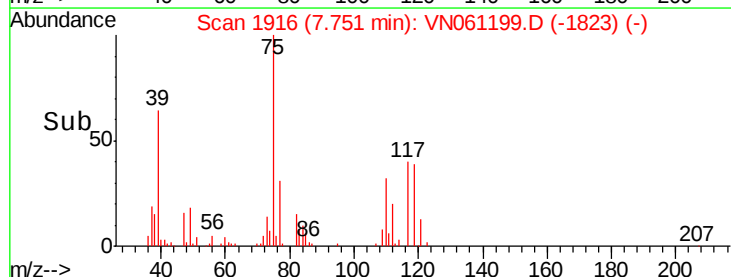
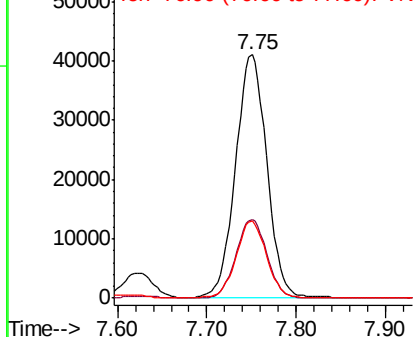


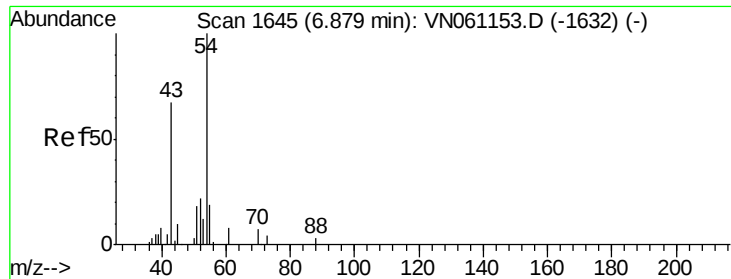
#36
 1,1-Dichloropropene
 Concen: 51.891 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 75 Resp: 100332
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.0 48.0
 77 30.8 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

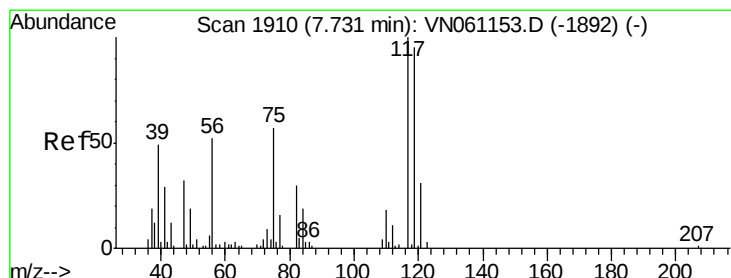
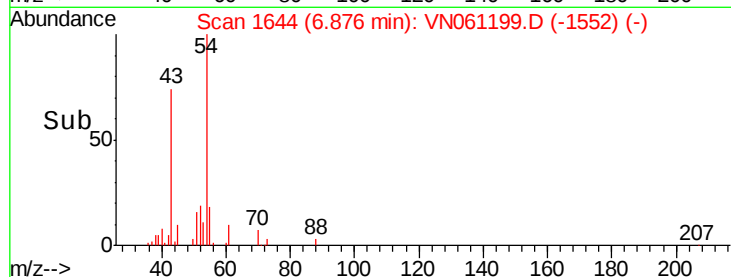
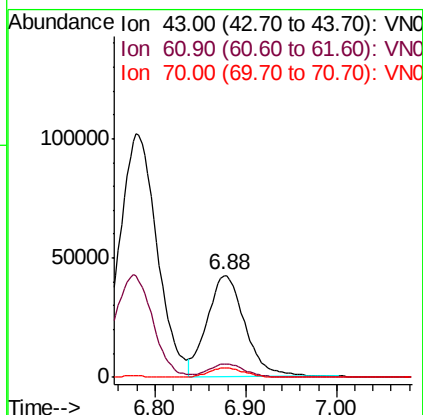
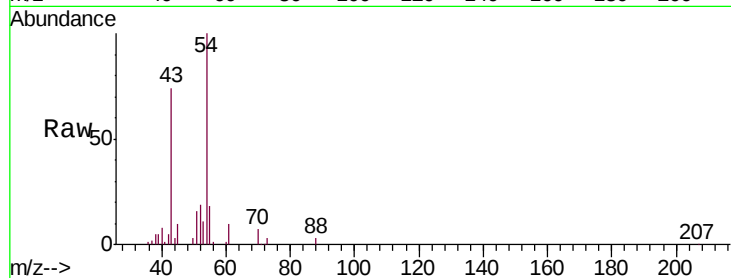




#37
 Ethyl Acetate
 Concen: 54.200 ug/l
 RT: 6.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

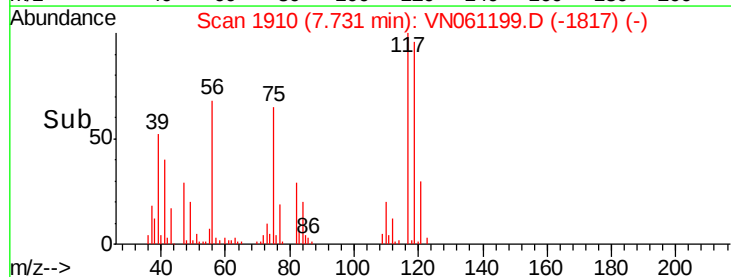
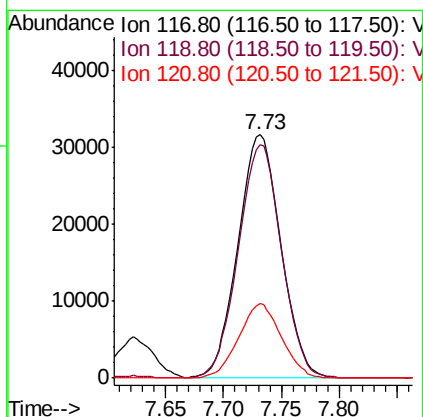
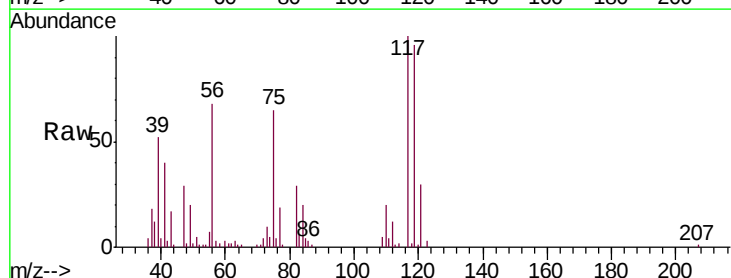
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

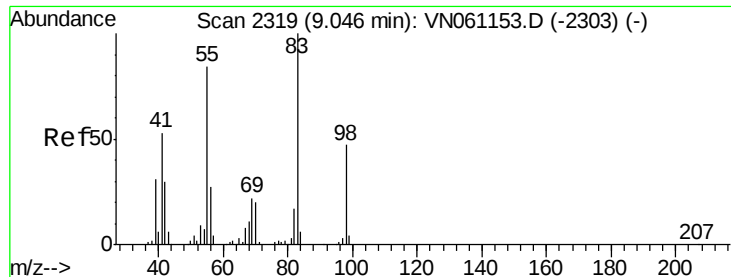
Tgt Ion: 43 Resp: 122856
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.2 15.2
 70 8.8 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 46.488 ug/l
 RT: 7.73 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 117 Resp: 81712
 Ion Ratio Lower Upper
 117 100
 119 96.0 75.8 113.6
 121 30.4 24.7 37.1

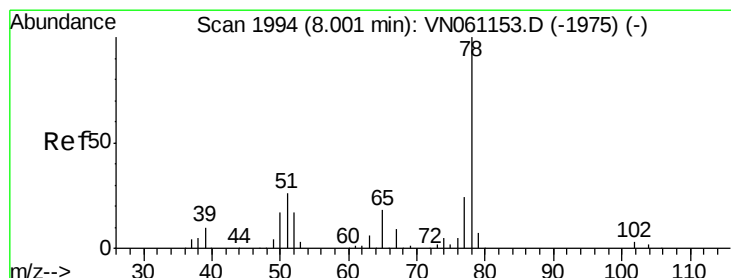
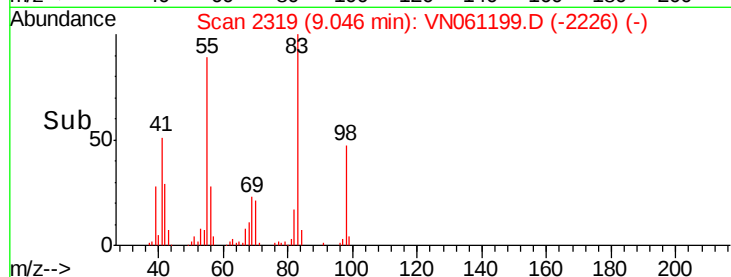
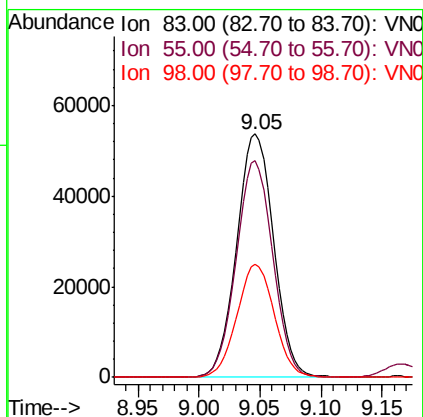
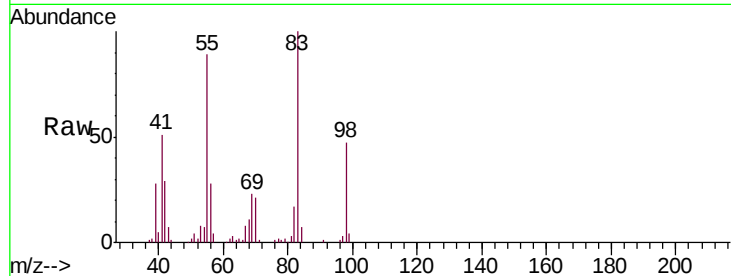




#39
Methylcyclohexane
Concen: 52.029 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

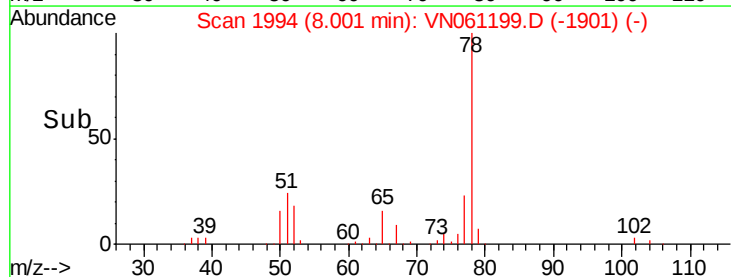
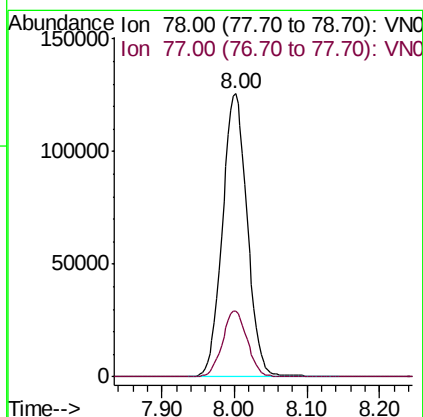
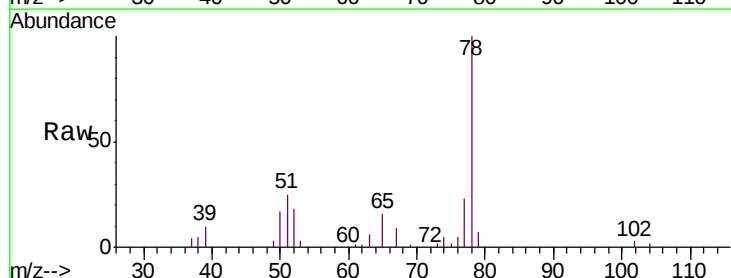
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

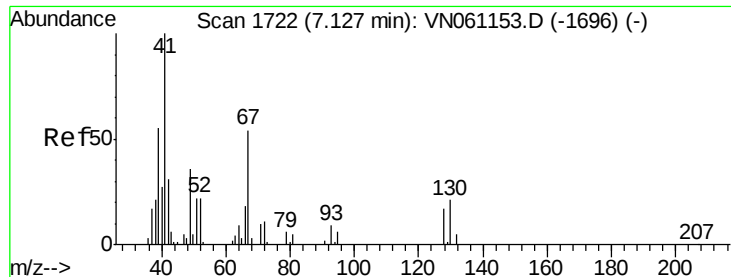
Tgt Ion: 83 Resp: 112817
Ion Ratio Lower Upper
83 100
55 89.2 67.3 100.9
98 46.5 37.7 56.5



#40
Benzene
Concen: 51.871 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 78 Resp: 298797
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

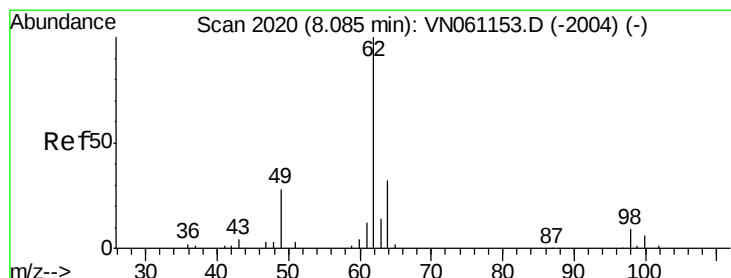
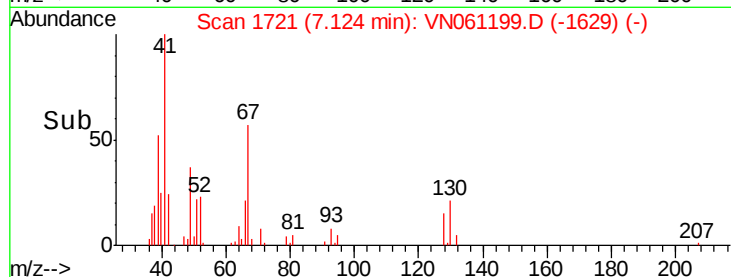
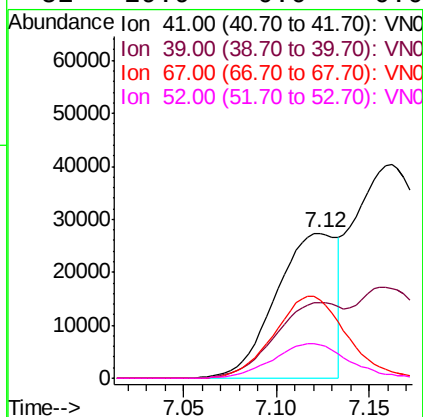
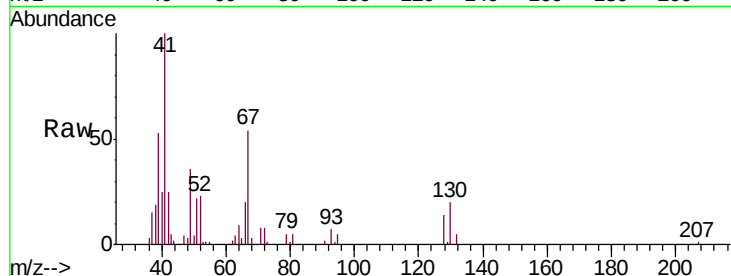




#41
Methacrylonitrile
Concen: 66.712 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

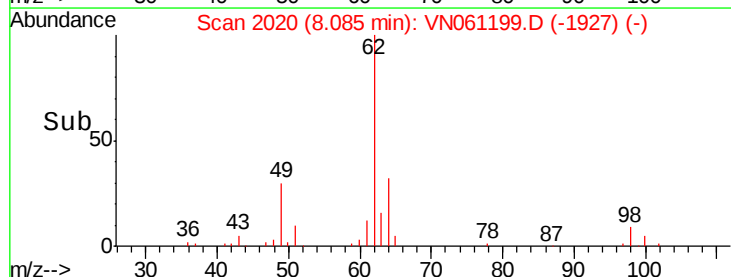
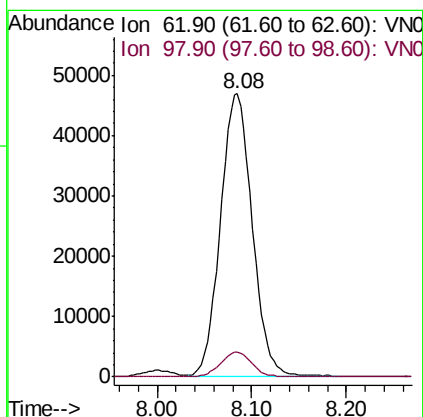
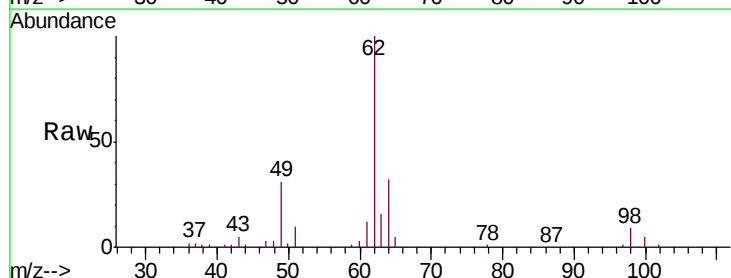
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

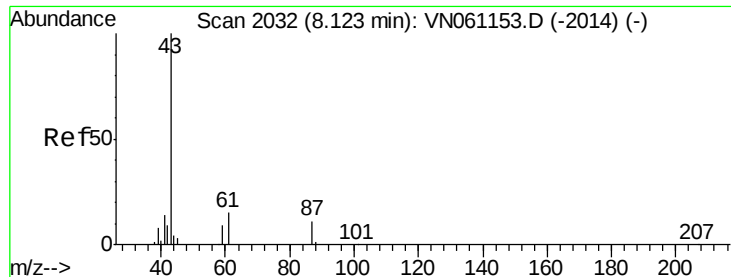
Tgt Ion:	41	Resp:	62785
Ion	Ratio	Lower	Upper
41	100		
39	56.5	0.0	0.0#
67	67.4	0.0	0.0#
52	29.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 50.340 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion:	62	Resp:	109854
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 52.906 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

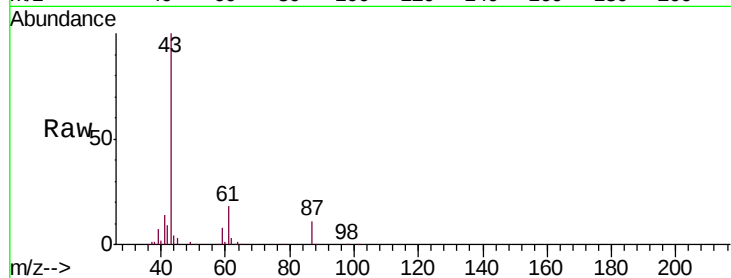
Tgt Ion: 43 Resp: 199025

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3

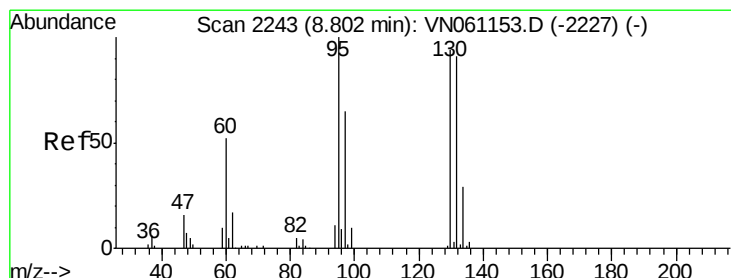
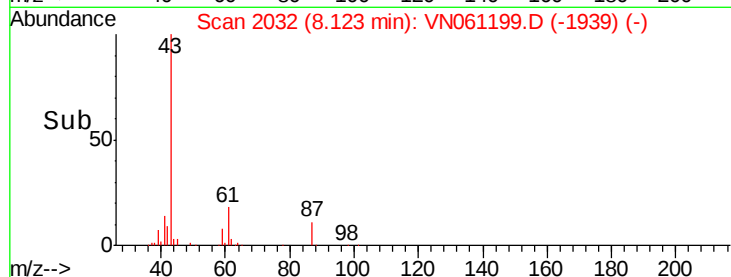
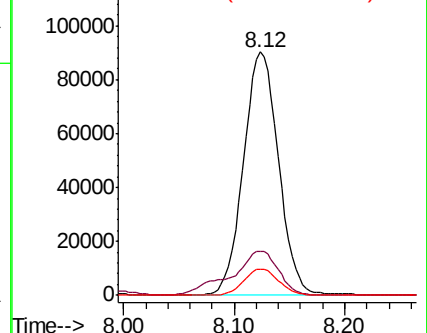
87 10.7 8.9 13.3



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: 47.818 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061199.D

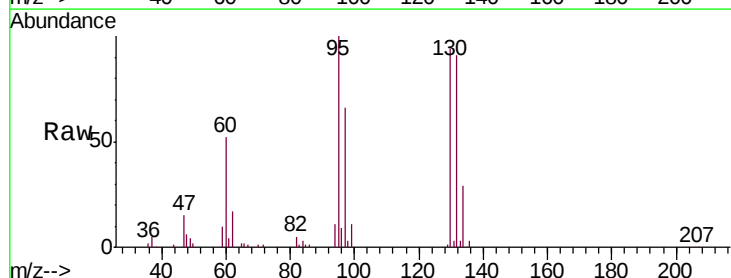
Acq: 30 Apr 2020 13:44

Tgt Ion: 130 Resp: 74463

Ion Ratio Lower Upper

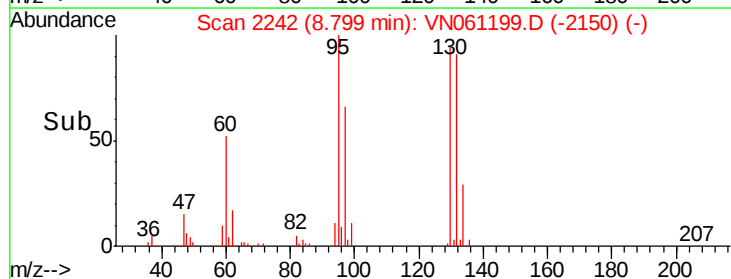
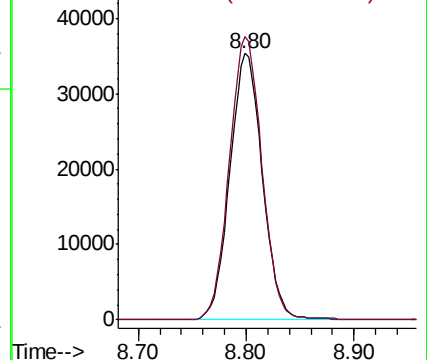
130 100

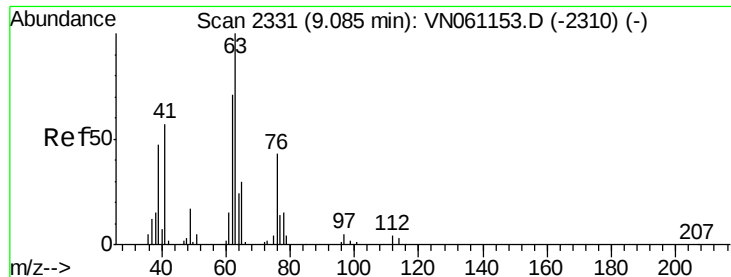
95 106.2 0.0 212.4



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

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

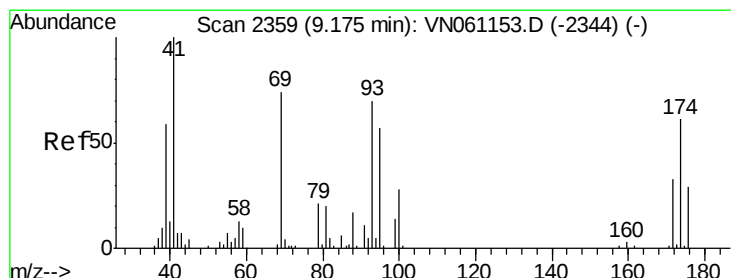
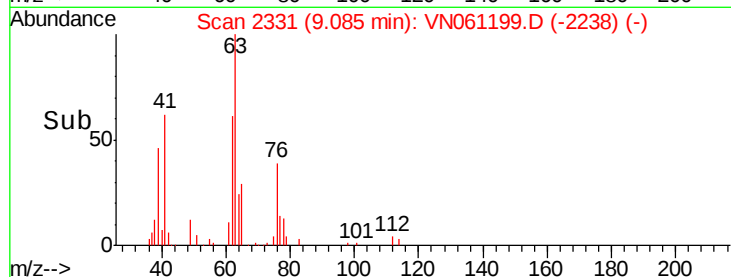
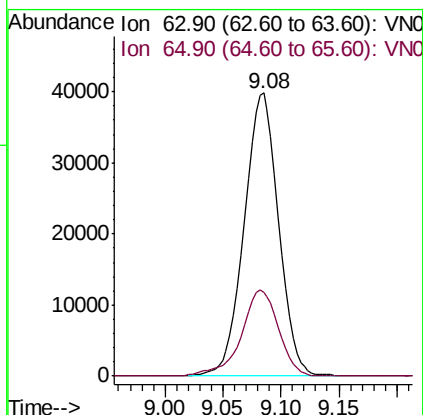
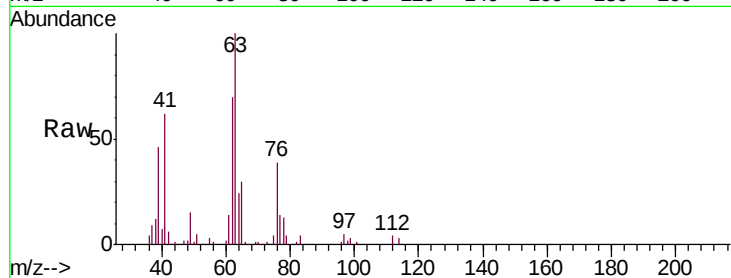




#45
 1,2-Dichloropropane
 Concen: 53.650 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

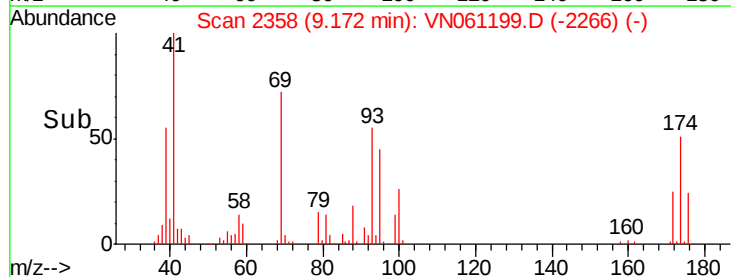
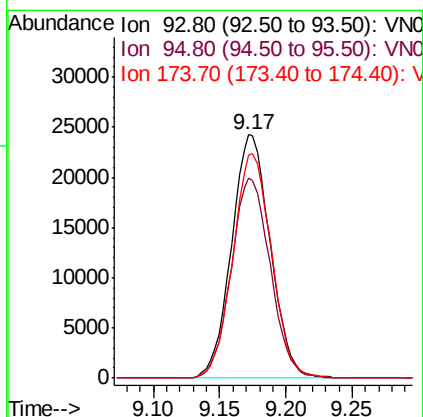
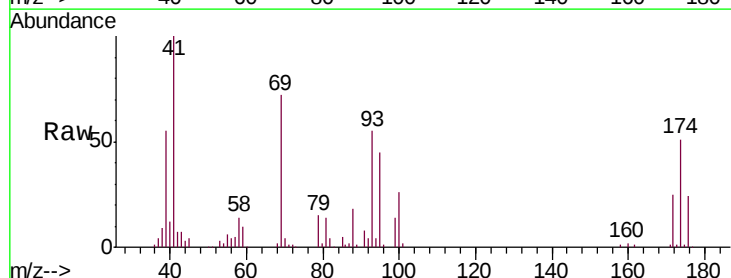
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

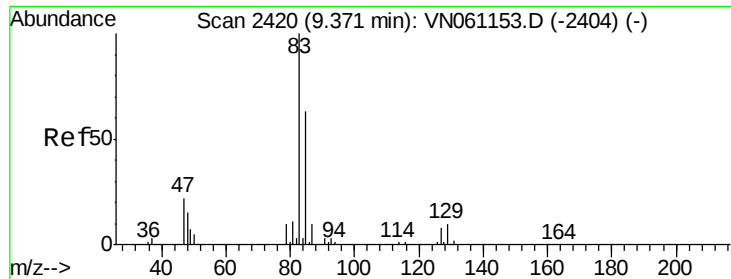
Tgt Ion: 63 Resp: 82565
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1



#46
 Dibromomethane
 Concen: 51.621 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 93 Resp: 49188
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 99.8
 174 91.9 70.2 105.2

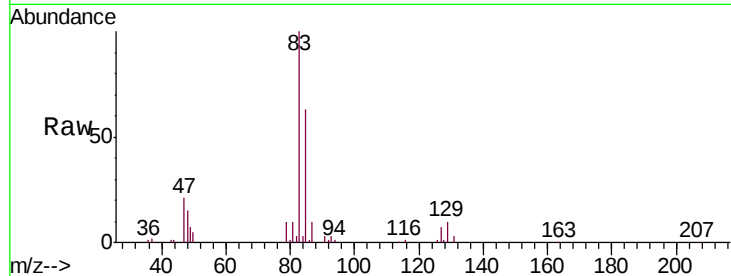




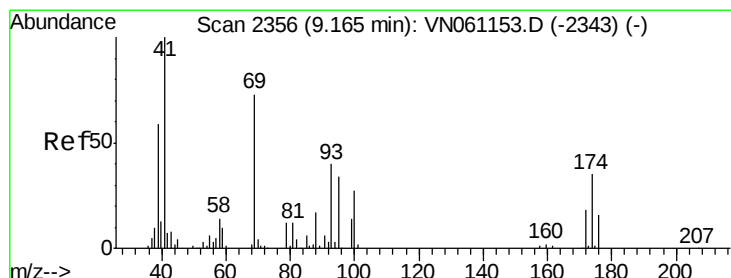
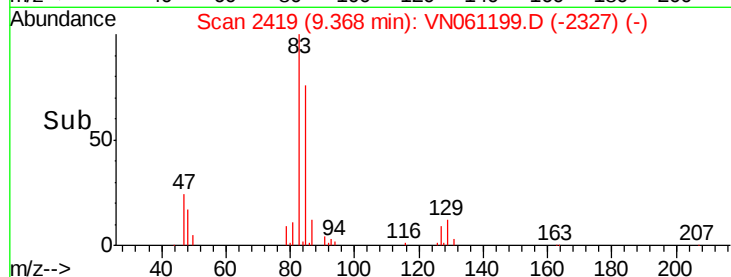
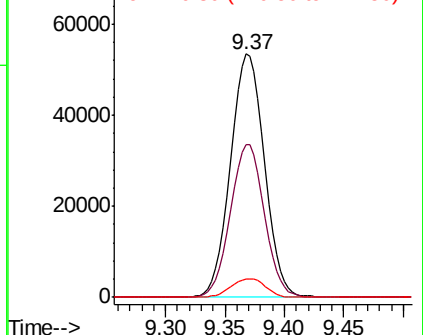
#47
 Bromodichloromethane
 Concen: 51.826 ug/l
 RT: 9.37 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 105996
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.4 75.6
 127 7.5 6.2 9.2

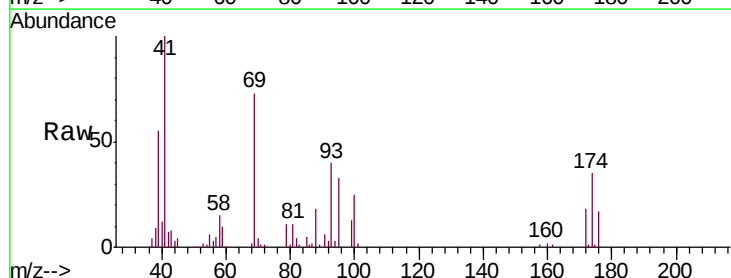


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

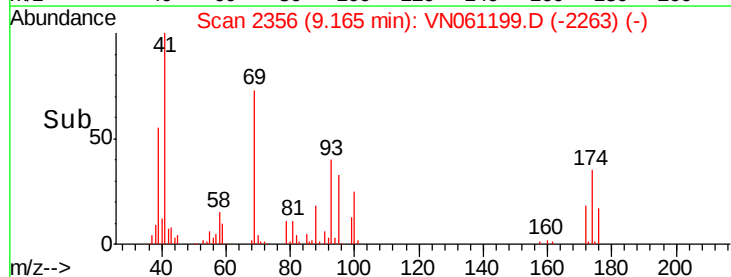
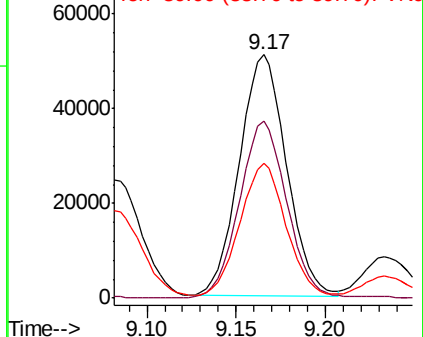


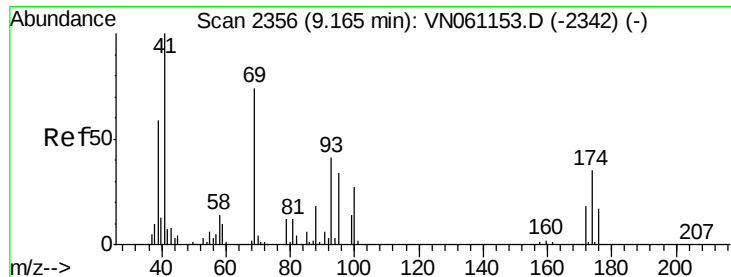
#48
 Methyl methacrylate
 Concen: 55.459 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 41 Resp: 94145
 Ion Ratio Lower Upper
 41 100
 69 74.3 60.3 90.5
 39 55.8 47.4 71.0



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

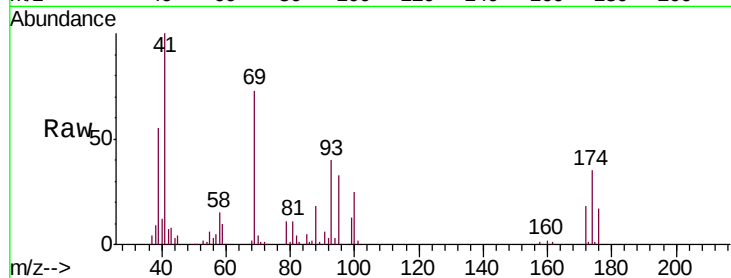




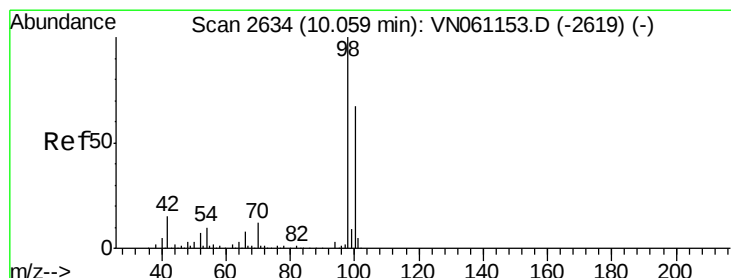
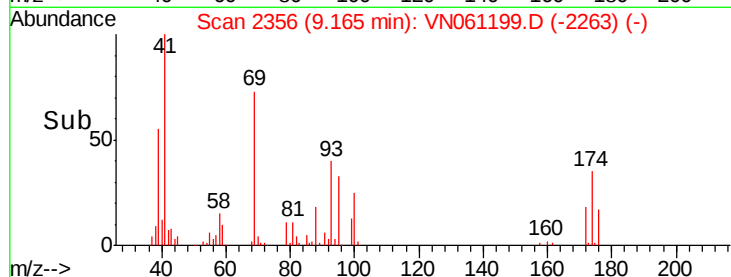
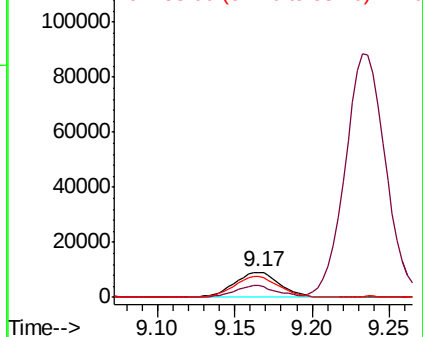
#49
1,4-Dioxane
Concen: 957.636 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 18453
Ion Ratio Lower Upper
88 100
43 44.2 35.3 52.9
58 82.8 61.5 92.3

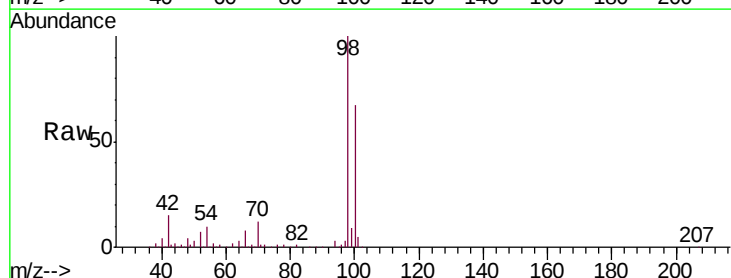


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

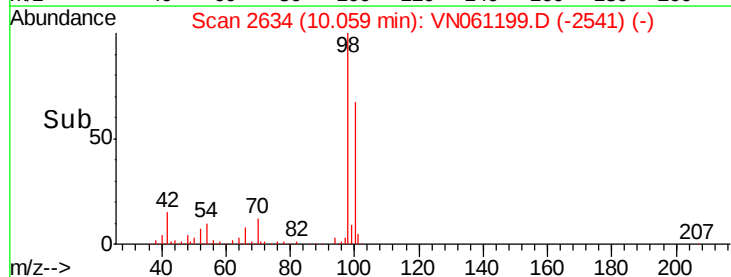
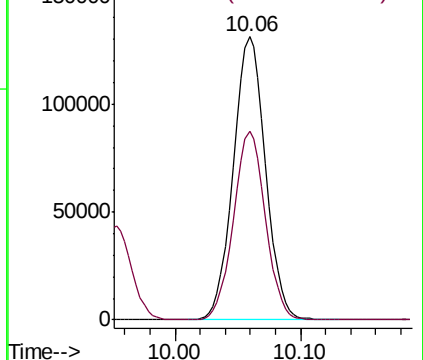


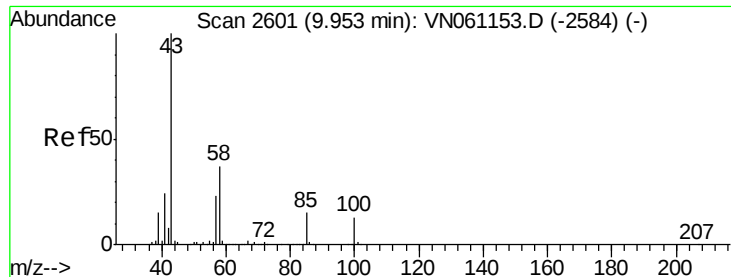
#50
Toluene-d8
Concen: 50.233 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 98 Resp: 233884
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 279.645 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

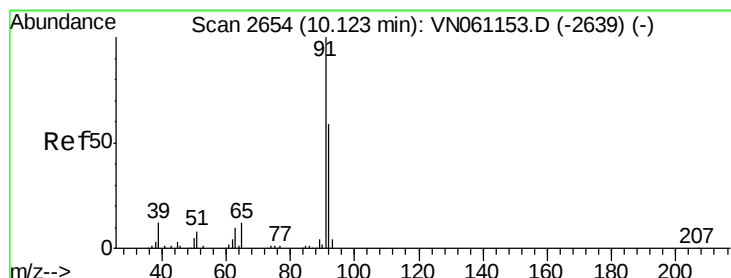
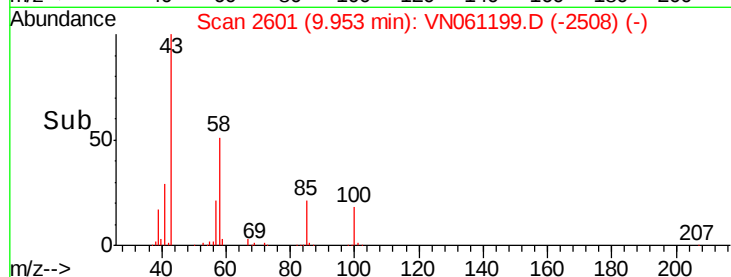
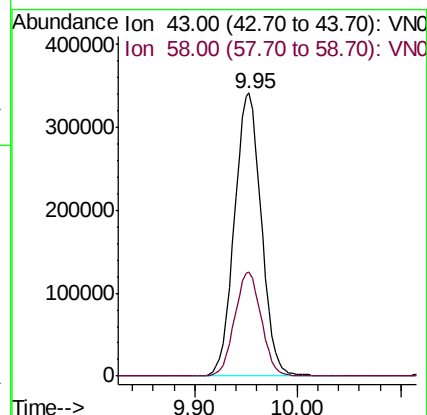
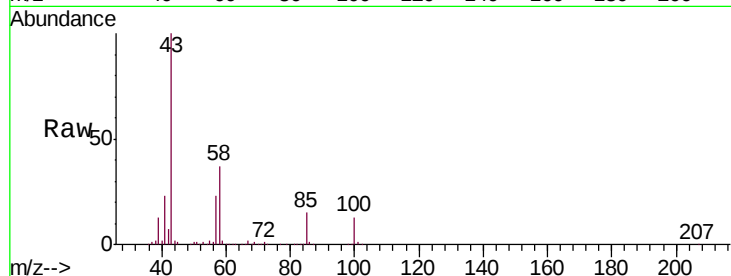
VSTDCCC050

Tgt Ion: 43 Resp: 619218

Ion Ratio Lower Upper

43 100

58 36.5 29.1 43.7



#52

Toluene

Concen: 51.974 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061199.D

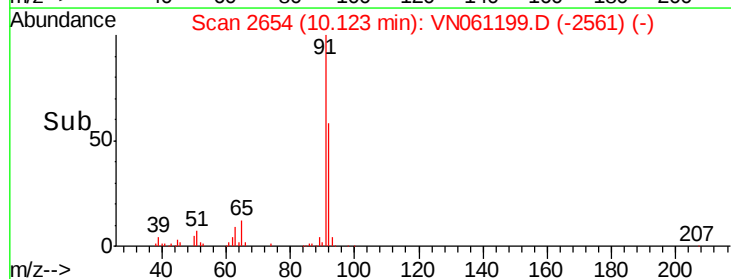
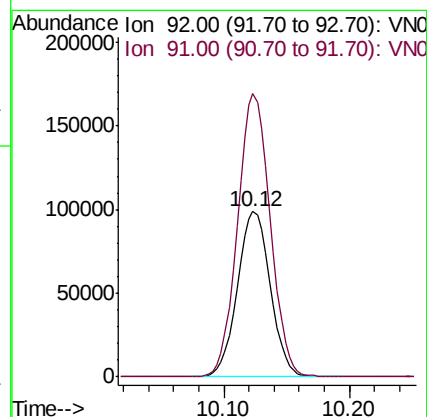
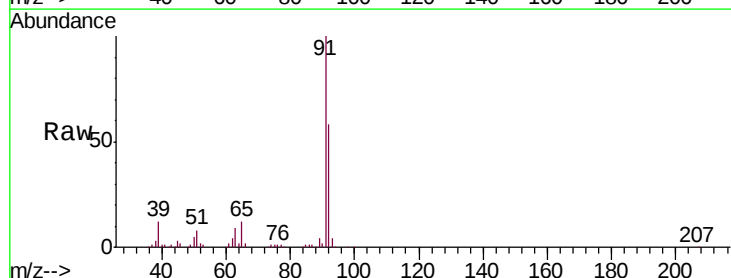
Acq: 30 Apr 2020 13:44

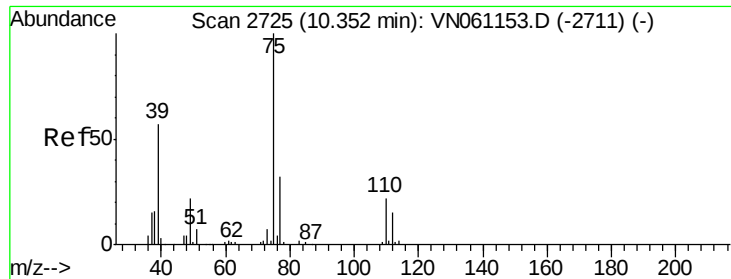
Tgt Ion: 92 Resp: 180334

Ion Ratio Lower Upper

92 100

91 170.1 136.2 204.2

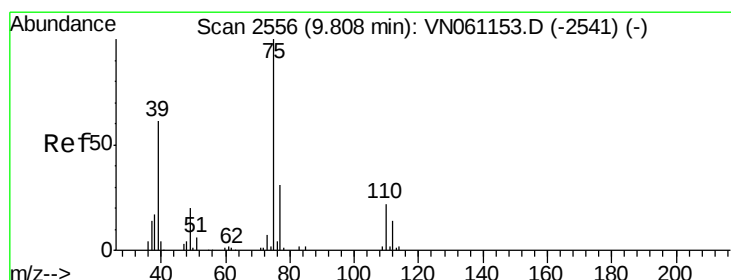
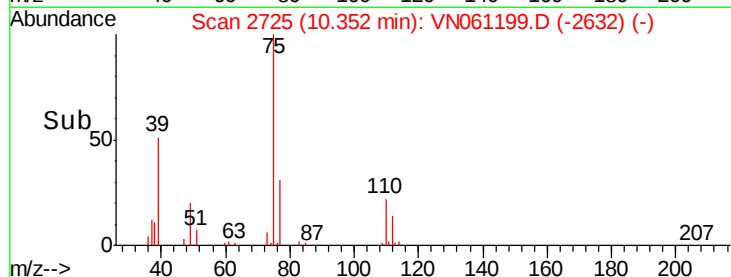
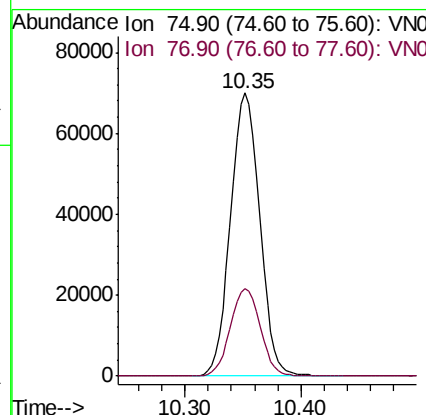
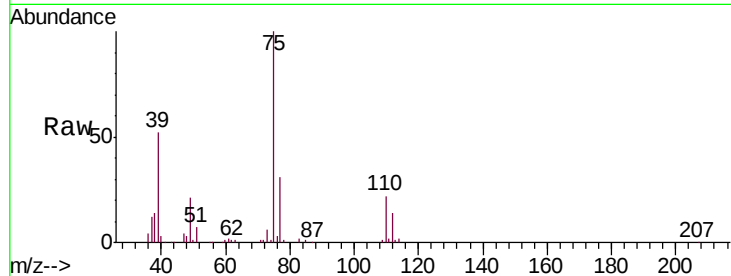




#53
t-1,3-Dichloropropene
Concen: 52.894 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

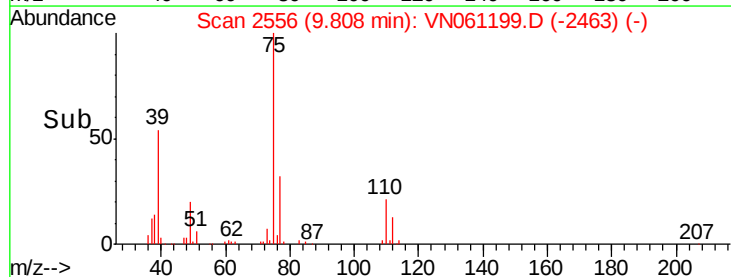
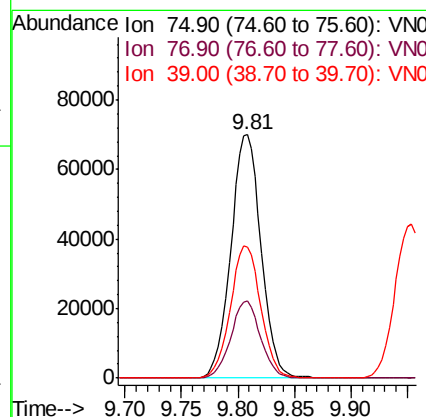
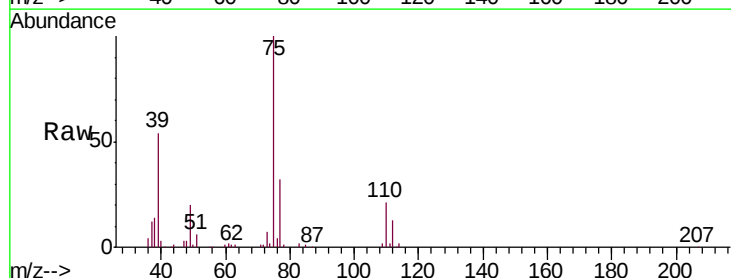
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

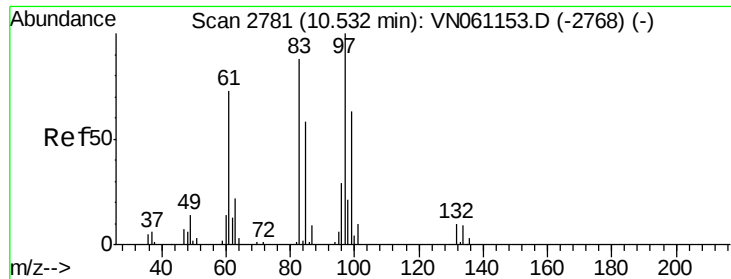
Tgt Ion: 75 Resp: 121896
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 53.267 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 75 Resp: 129777
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 54.0 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 51.490 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 71260

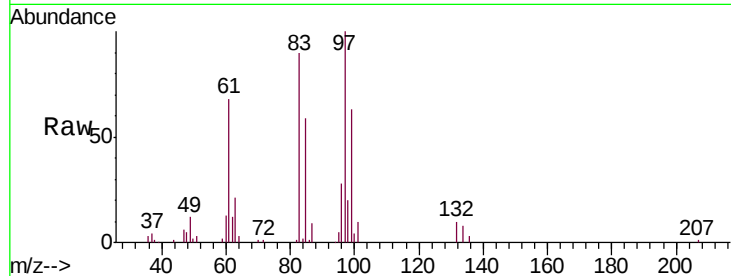
Ion Ratio Lower Upper

97 100

83 90.1 70.6 106.0

85 58.6 46.4 69.6

99 62.6 50.6 75.8



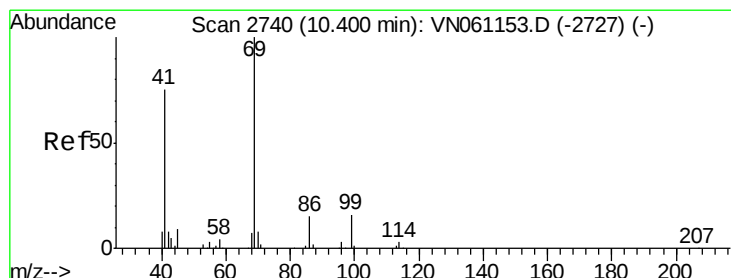
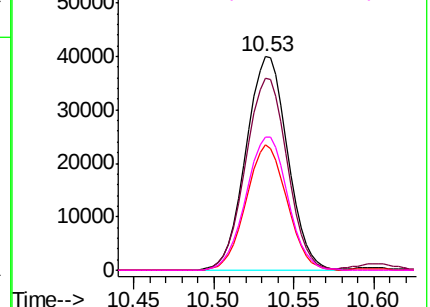
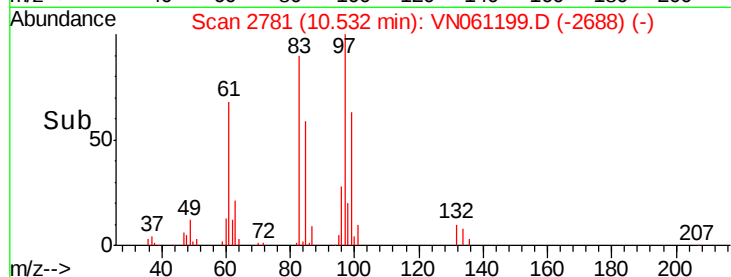
Abundance

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: 49.553 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

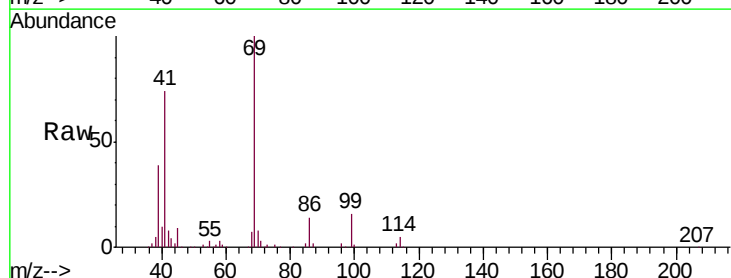
Tgt Ion: 69 Resp: 119441

Ion Ratio Lower Upper

69 100

41 74.9 60.3 90.5

39 39.9 35.9 53.9

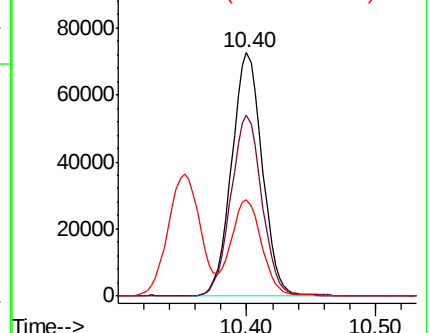
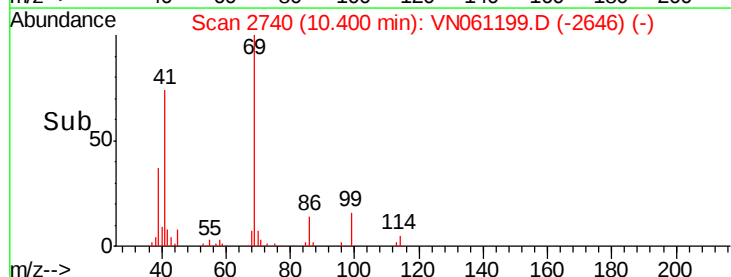


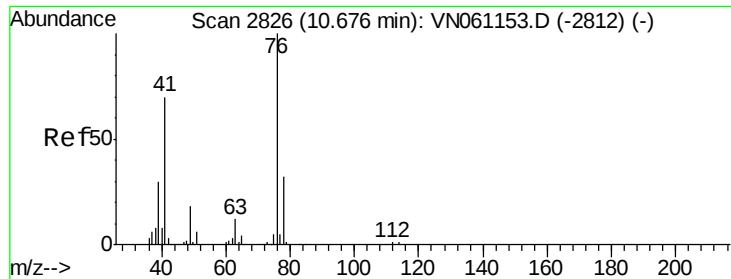
Abundance

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: 53.810 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

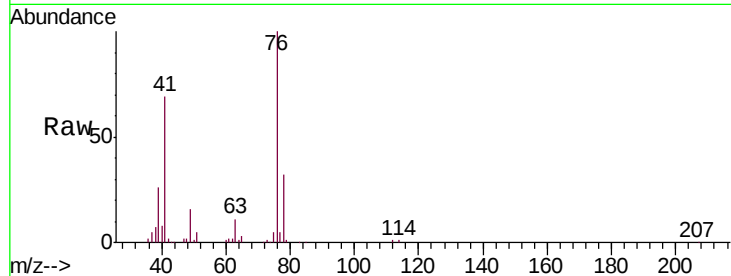
VSTDCCC050

Tgt Ion: 76 Resp: 130899

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-2812) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-2812) (-)

10.68

80000

60000

40000

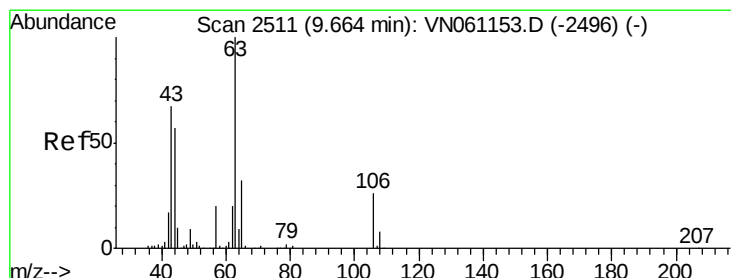
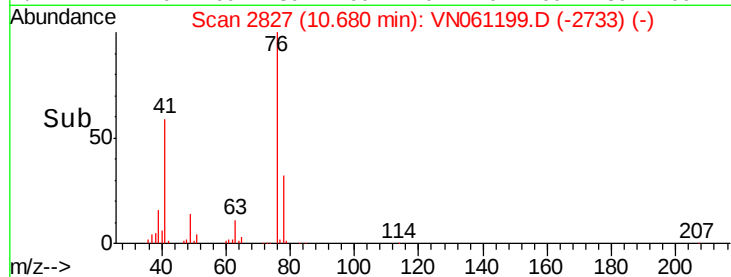
20000

0

Time-->

10.60

10.70



#58

2-Chloroethyl Vinyl ether

Concen: 283.386 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061199.D

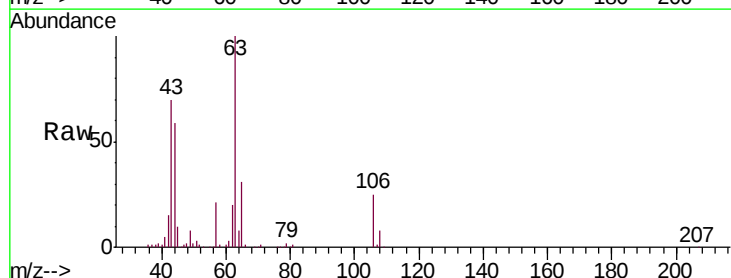
Acq: 30 Apr 2020 13:44

Tgt Ion: 63 Resp: 317459

Ion Ratio Lower Upper

63 100

106 24.1 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-2496) (-)

Ion 105.90 (105.60 to 106.60): VN061153.D (-2496) (-)

9.66

200000

150000

100000

50000

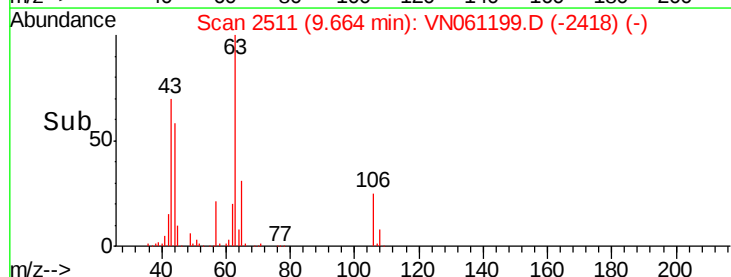
0

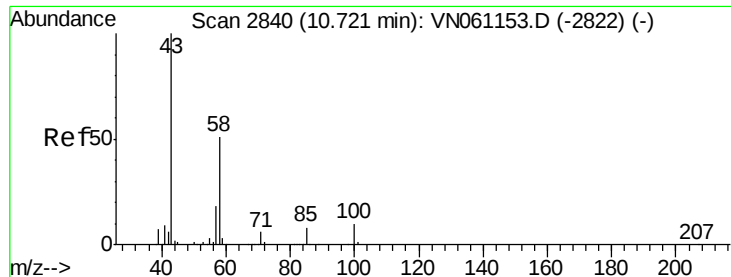
Time-->

9.60

9.70

9.80

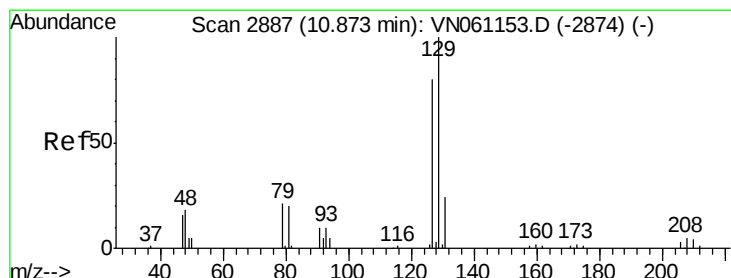
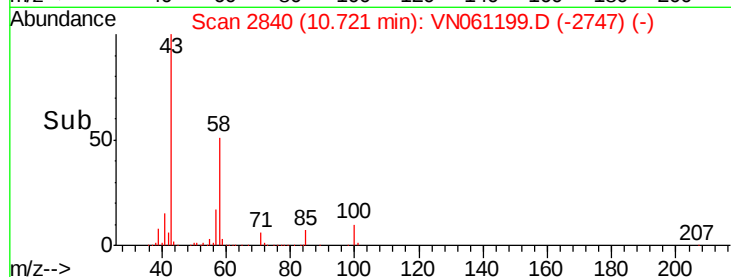
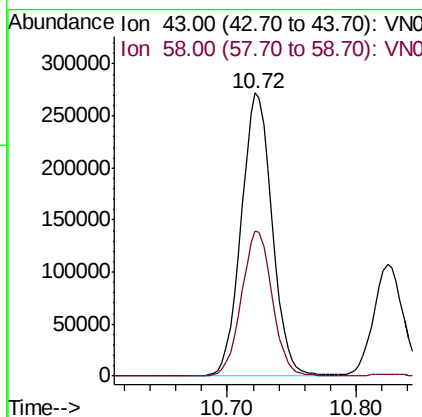
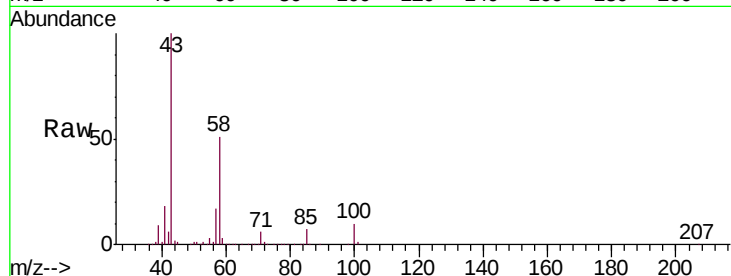




#59
2-Hexanone
Concen: 281.778 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

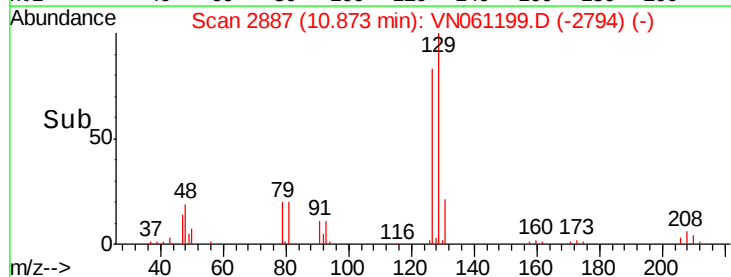
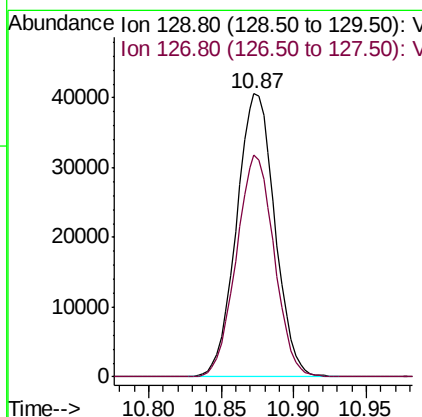
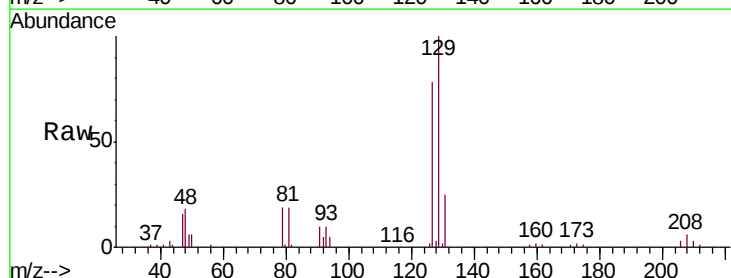
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

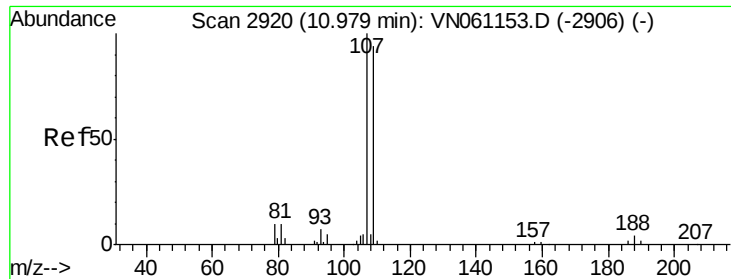
Tgt Ion: 43 Resp: 453929
Ion Ratio Lower Upper
43 100
58 51.1 25.4 76.4



#60
Dibromochloromethane
Concen: 51.328 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion: 129 Resp: 74398
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8

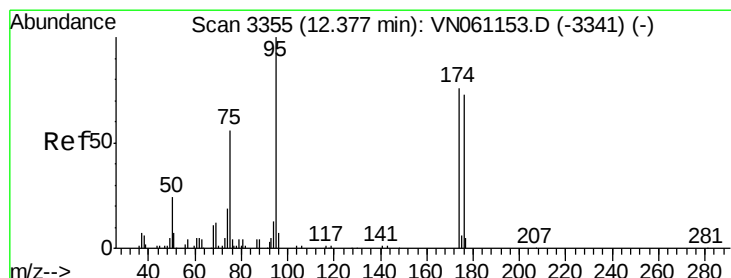
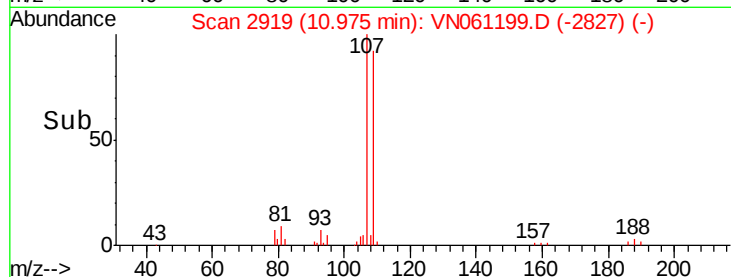
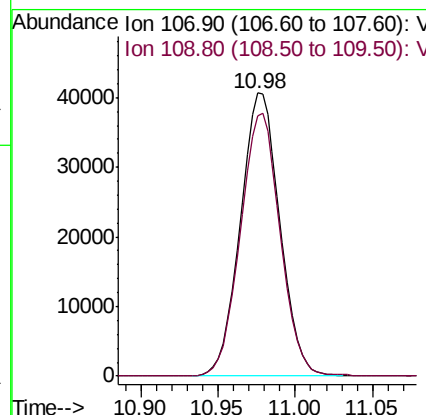
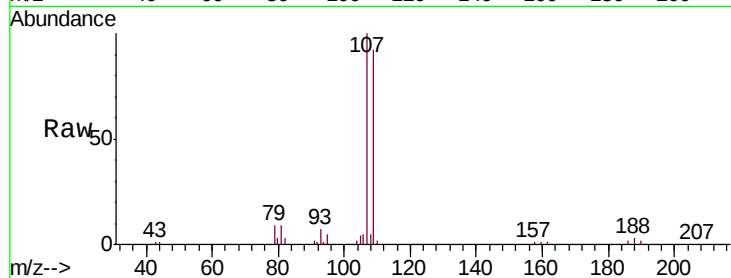




#61
 1,2-Dibromoethane
 Concen: 51.709 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

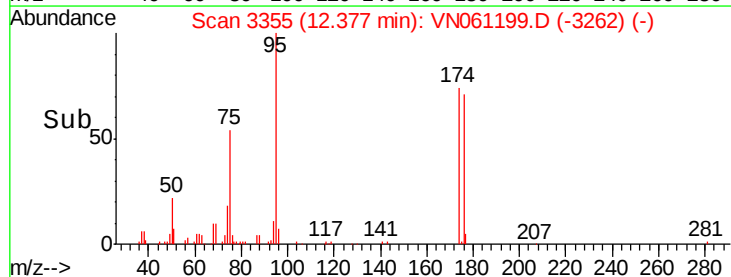
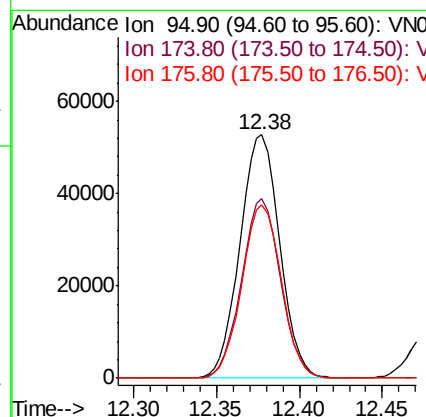
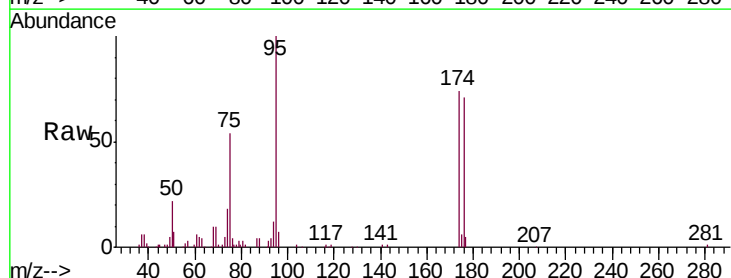
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

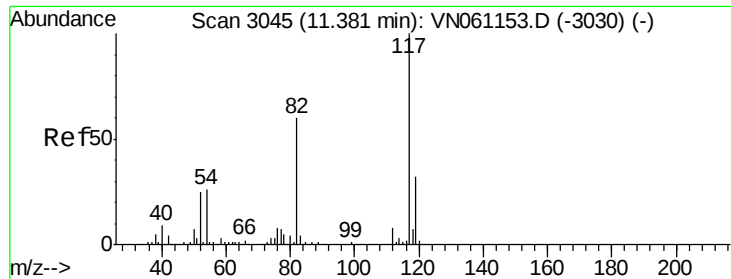
Tgt Ion: 107 Resp: 71727
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.137 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 95 Resp: 87845
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 149.4
 176 70.8 0.0 144.8

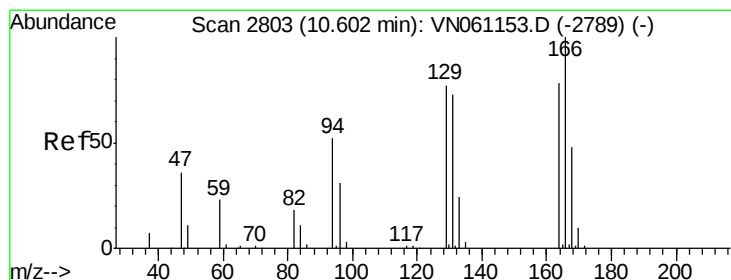
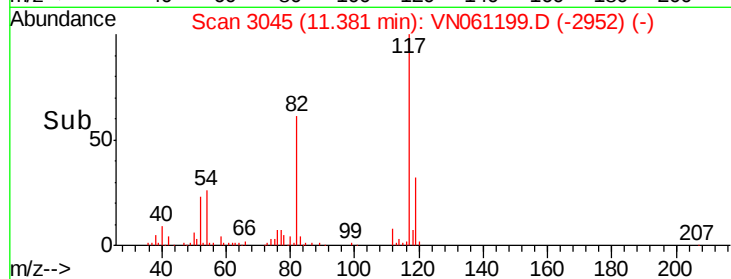
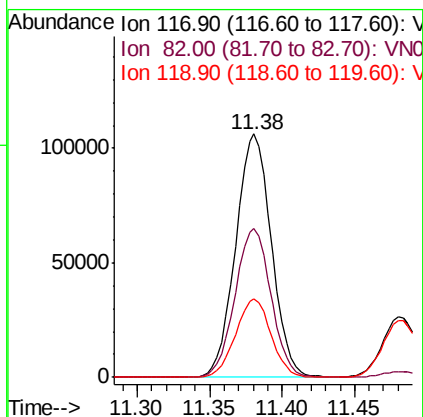
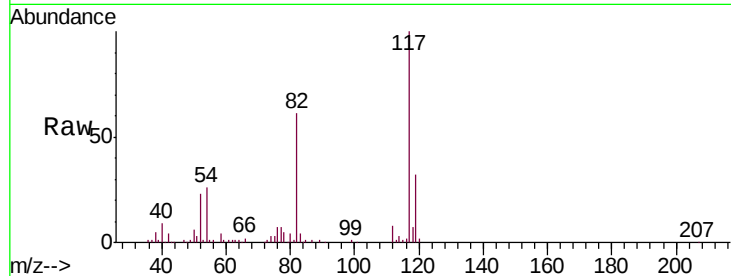




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

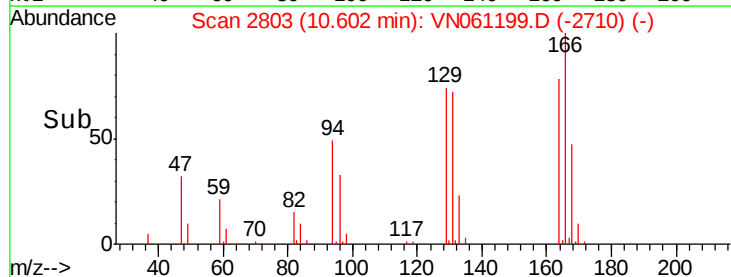
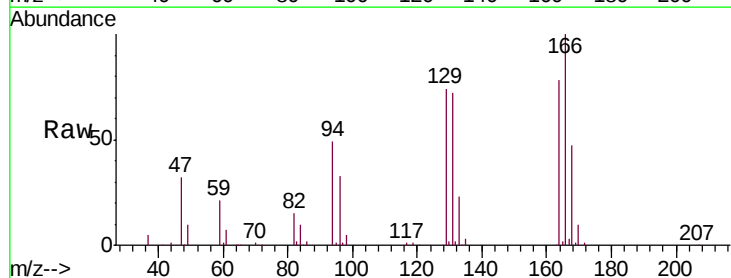
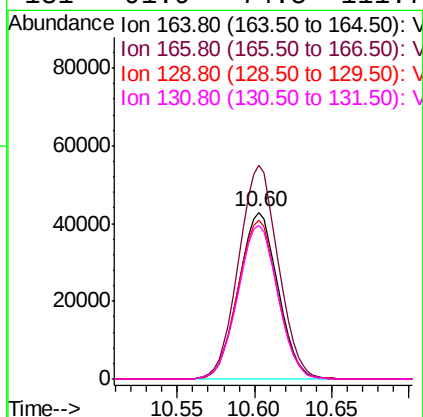
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

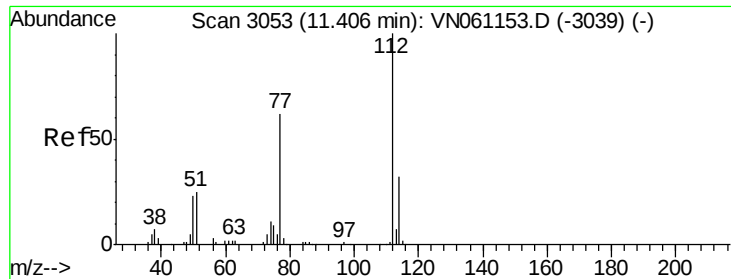
Tgt Ion:117 Resp: 182026
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 48.266 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion:164 Resp: 76093
Ion Ratio Lower Upper
164 100
166 127.9 102.0 153.0
129 94.7 78.2 117.2
131 91.9 74.5 111.7

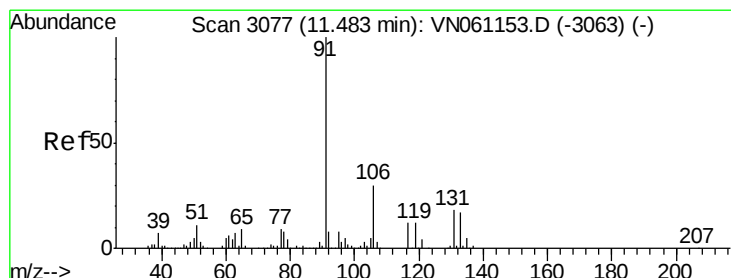
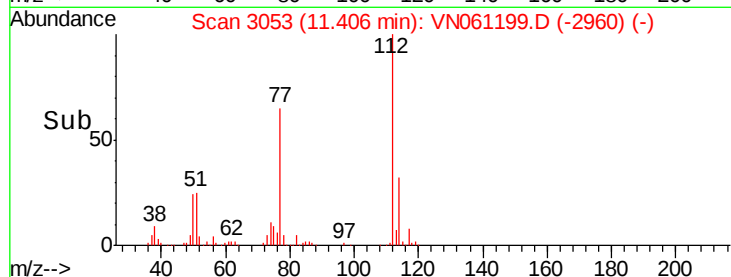
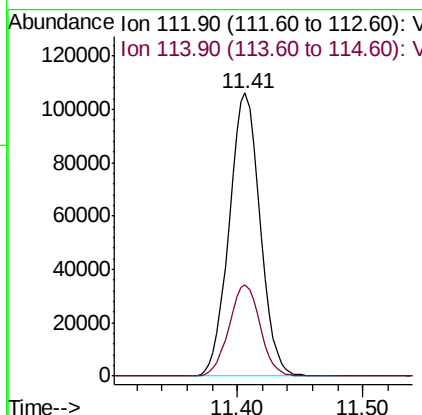
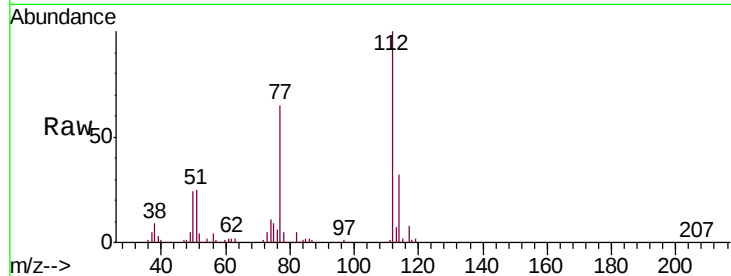




#65
Chlorobenzene
Concen: 50.206 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

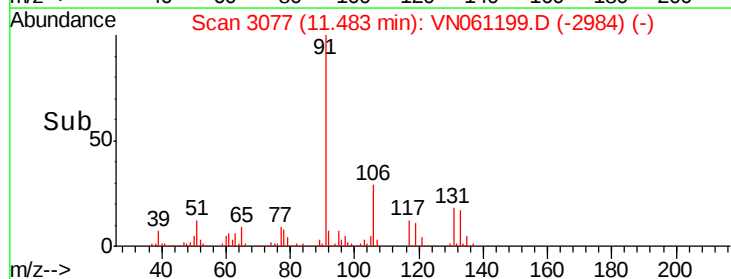
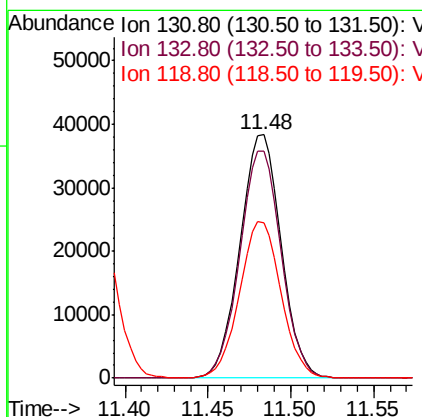
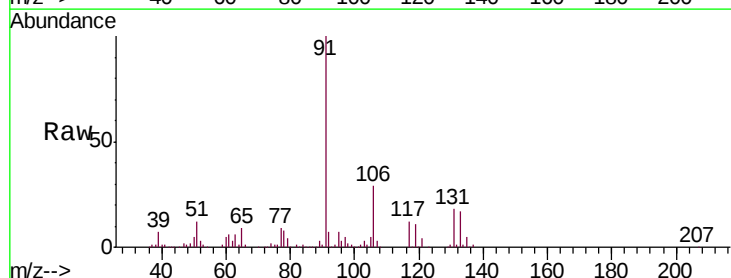
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

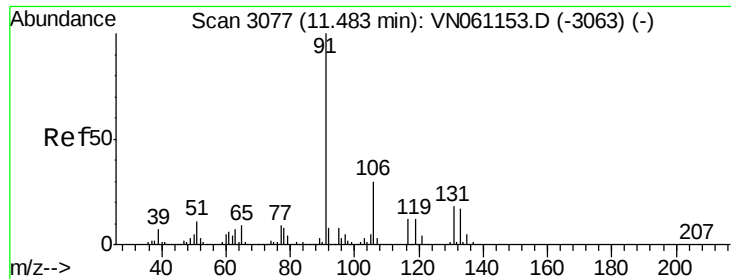
Tgt Ion:112 Resp: 181285
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.389 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion:131 Resp: 66412
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.2
119 64.7 32.6 97.8





#67

Ethyl Benzene

Concen: 51.869 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

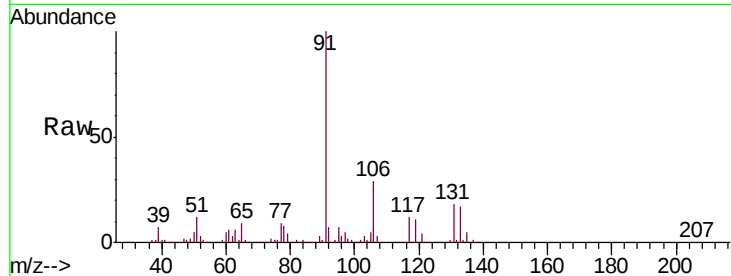
VSTDCCC050

Tgt Ion: 91 Resp: 350603

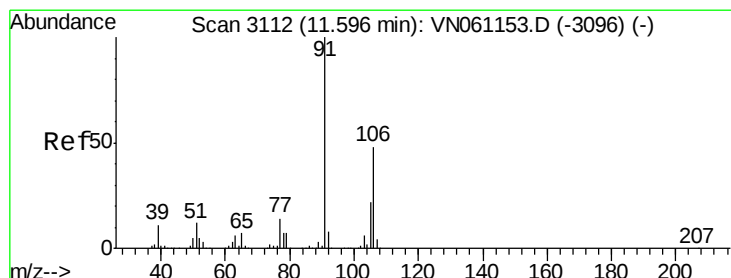
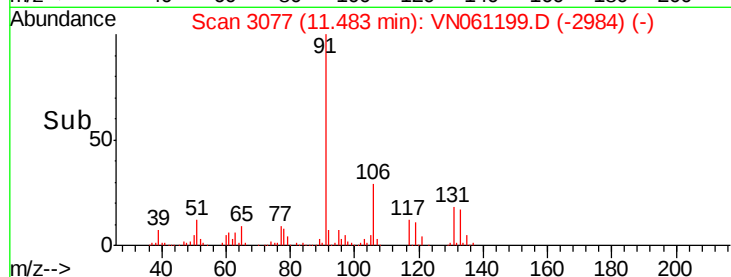
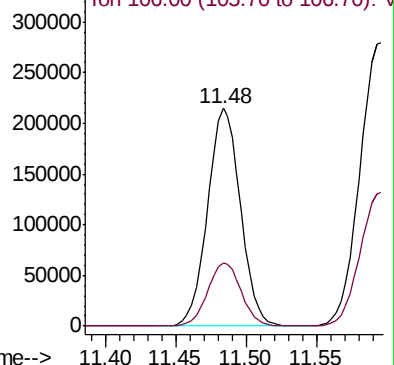
Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 102.491 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061199.D

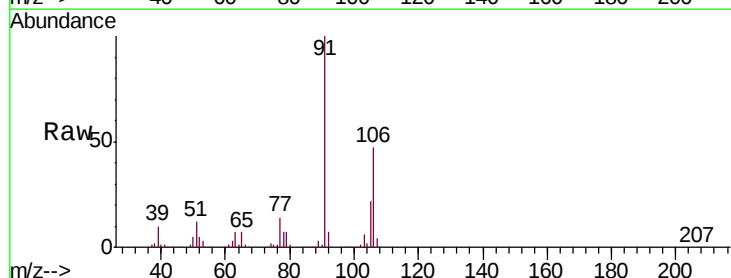
Acq: 30 Apr 2020 13:44

Tgt Ion: 106 Resp: 253575

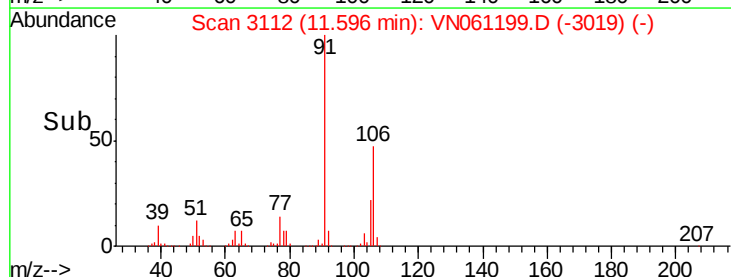
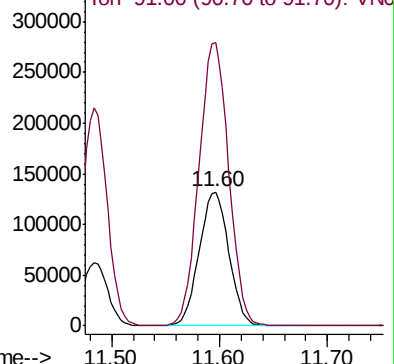
Ion Ratio Lower Upper

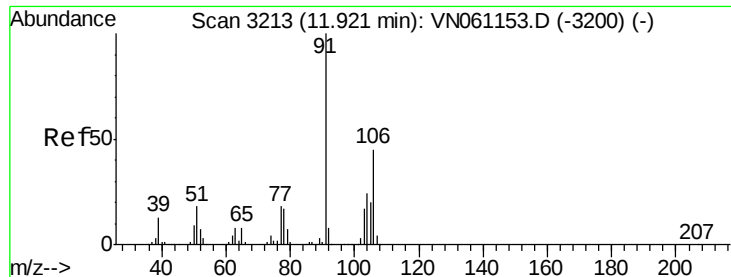
106 100

91 212.3 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

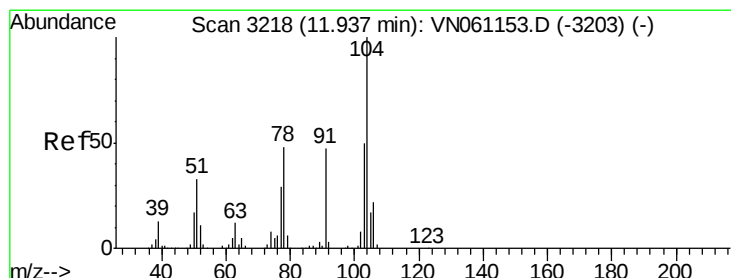
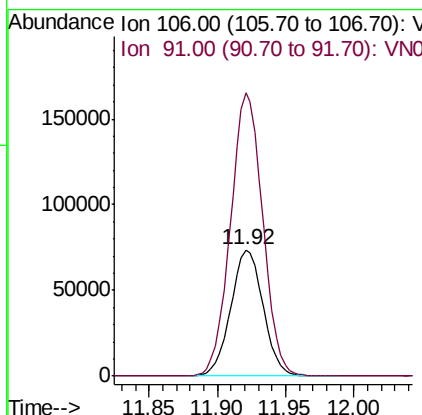
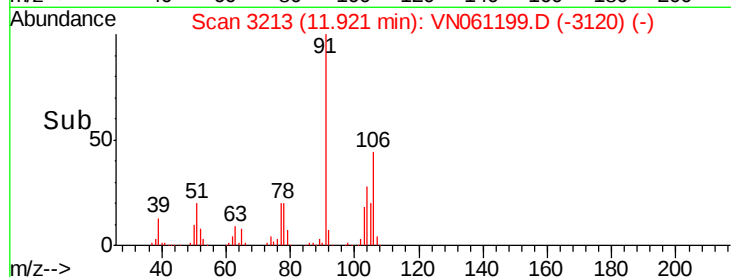
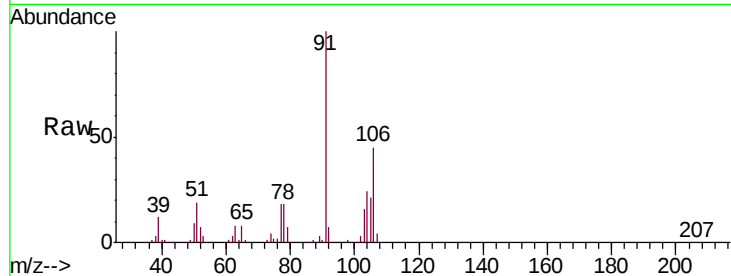




#69
o-Xylene
Concen: 50.938 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

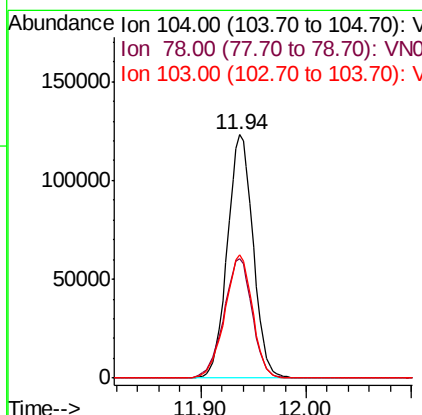
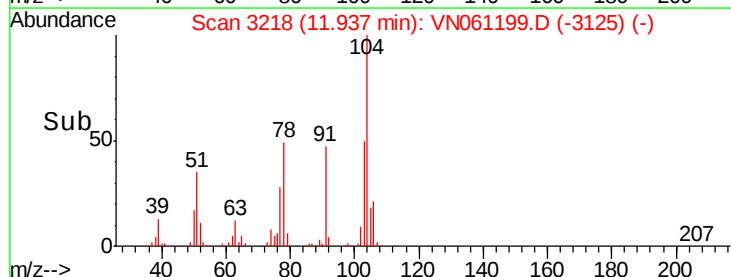
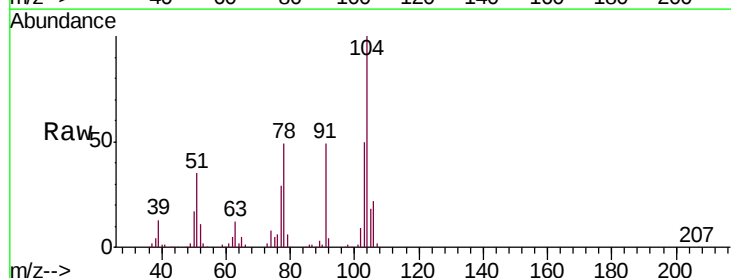
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

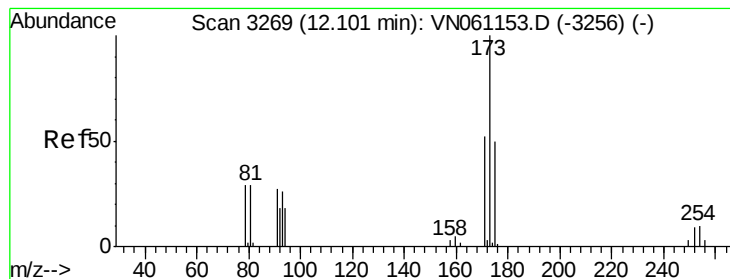
Tgt Ion:106 Resp: 121057
Ion Ratio Lower Upper
106 100
91 223.7 109.7 329.0



#70
Styrene
Concen: 52.184 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion:104 Resp: 207569
Ion Ratio Lower Upper
104 100
78 53.9 42.1 63.1
103 54.0 43.3 64.9





#71

Bromoform

Concen: 53.703 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

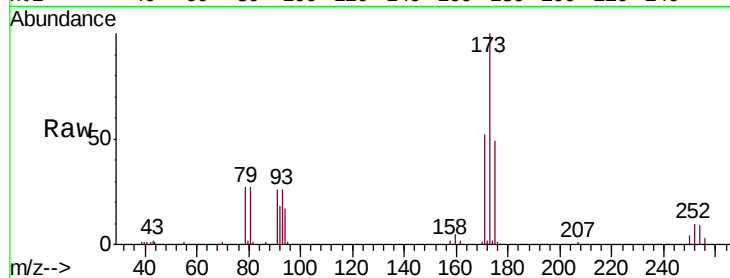
Tgt Ion:173 Resp: 51007

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

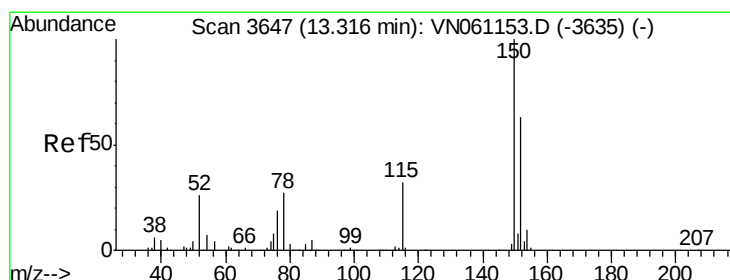
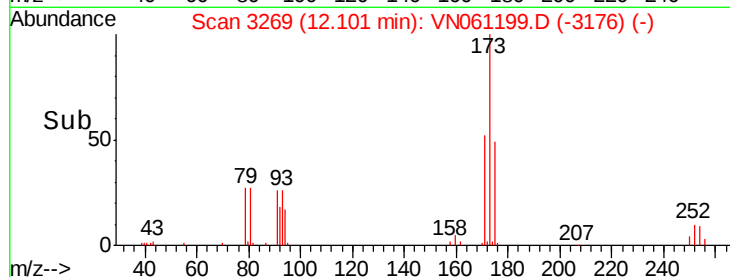
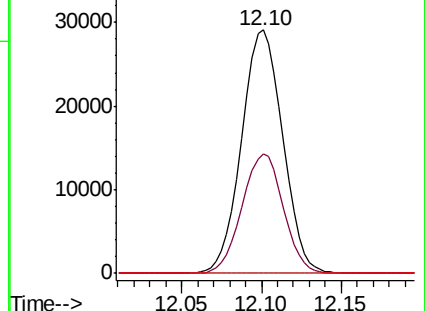
254 0.0 0.0 0.0



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# 3648

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

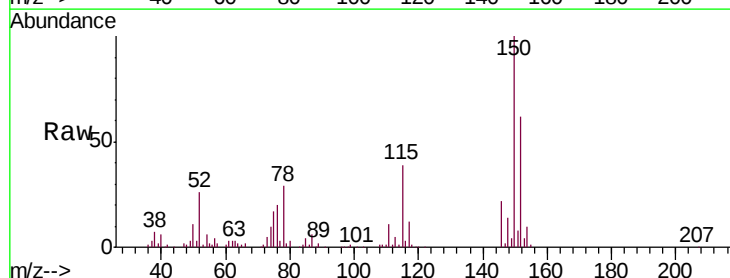
Tgt Ion:152 Resp: 87805

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

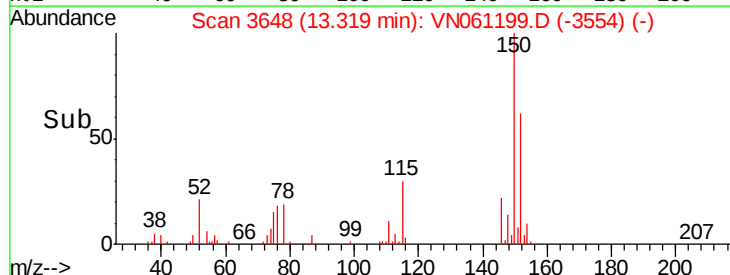
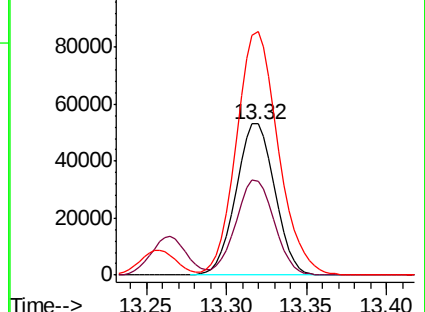
150 173.5 0.0 351.8

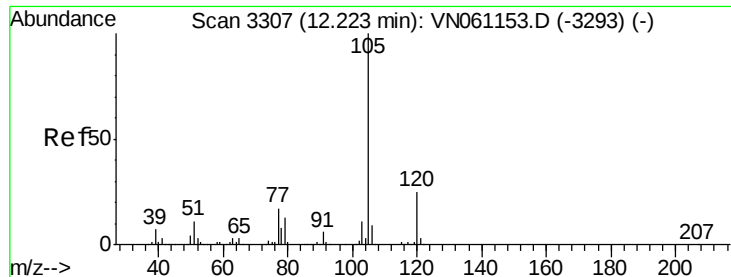


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.078 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

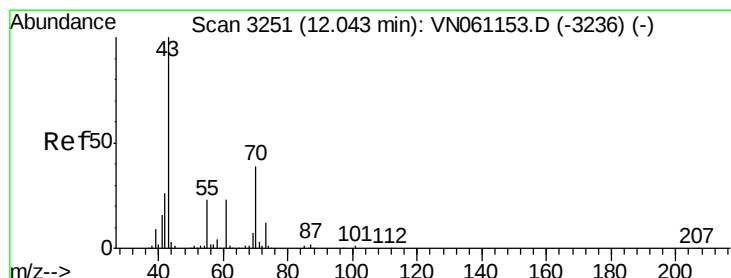
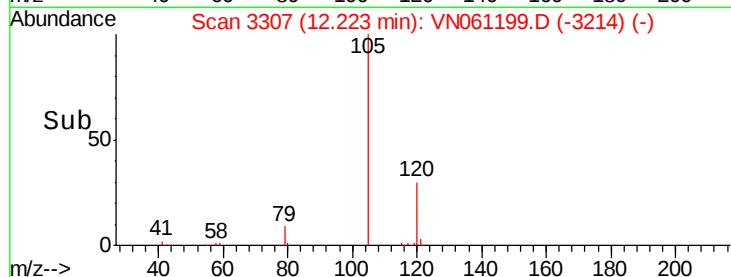
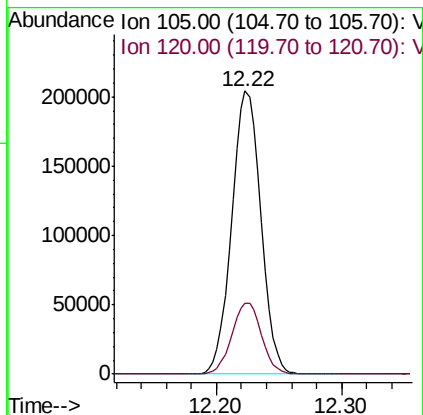
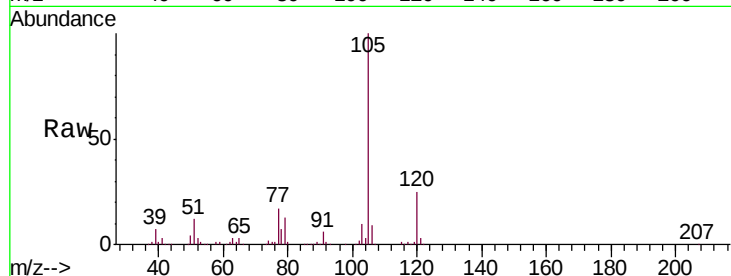
VSTDCCC050

Tgt Ion:105 Resp: 329704

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 51.991 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Tgt Ion: 43 Resp: 169941

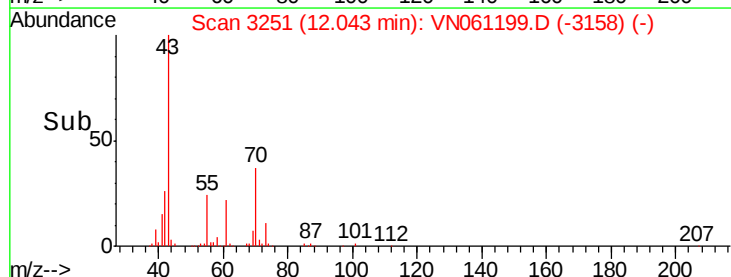
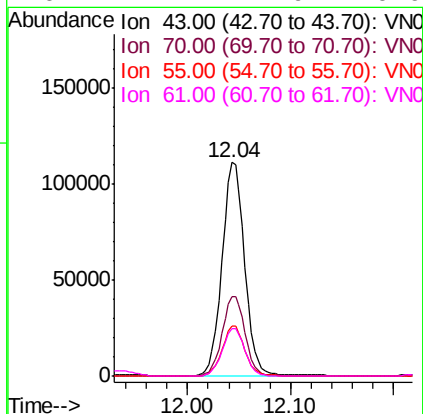
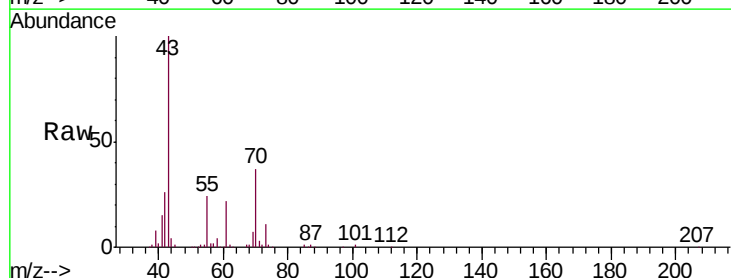
Ion Ratio Lower Upper

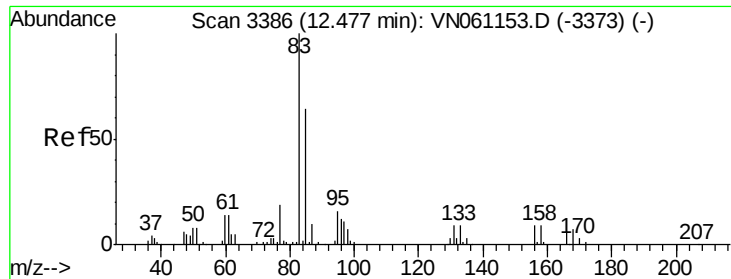
43 100

70 37.5 30.6 46.0

55 23.5 18.5 27.7

61 22.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.065 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

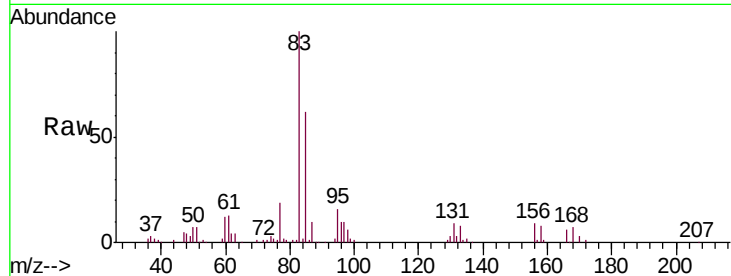
Tgt Ion: 83 Resp: 106807

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

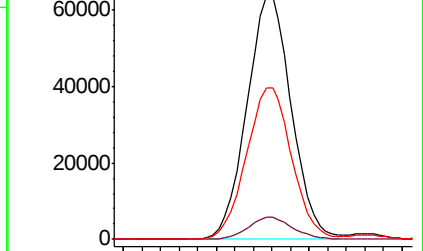
85 63.4 32.0 96.0



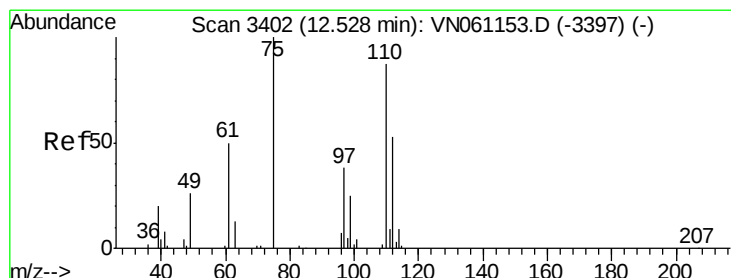
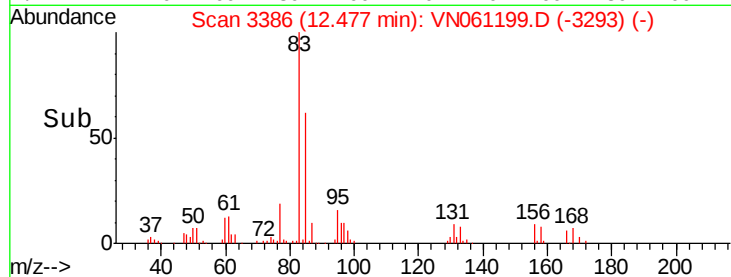
Abundance Ion 82.90 (82.60 to 83.60): VN061199.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061199.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061199.D (-3293) (-)



Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 79.191 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061199.D

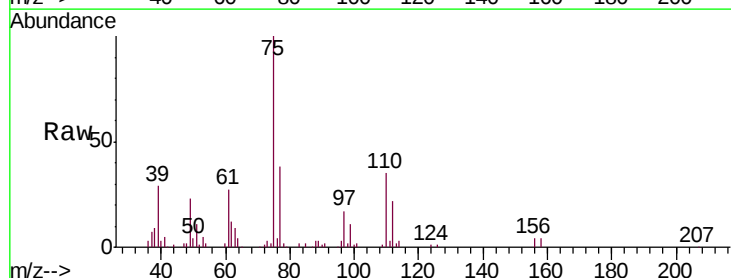
Acq: 30 Apr 2020 13:44

Tgt Ion: 75 Resp: 146596

Ion Ratio Lower Upper

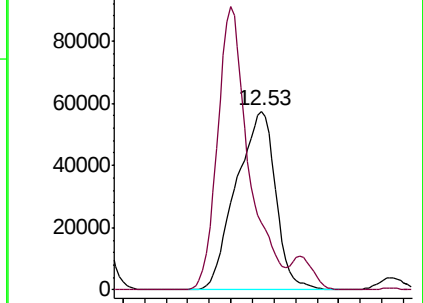
75 100

77 0.0 0.0 0.0

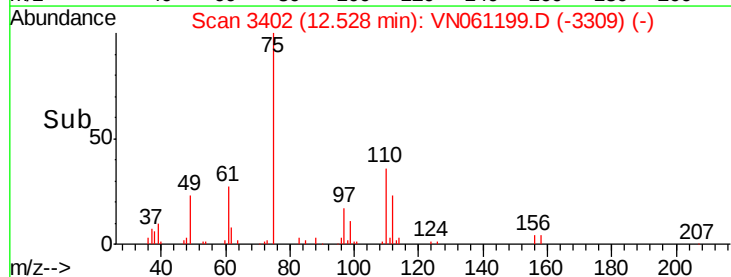


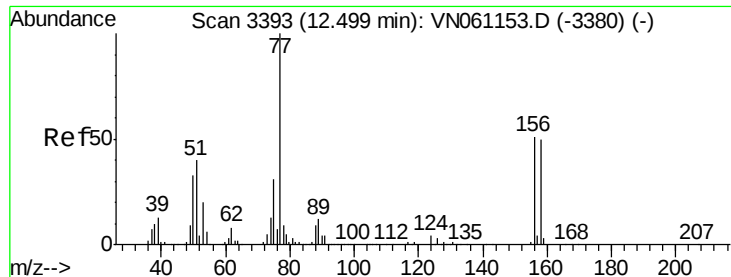
Abundance Ion 74.90 (74.60 to 75.60): VN061199.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061199.D (-3309) (-)



Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 50.369 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

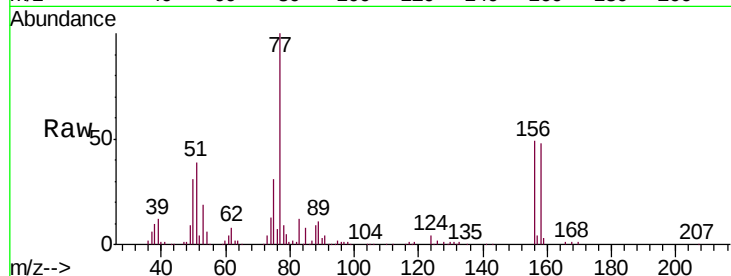
Tgt Ion:156 Resp: 75054

Ion Ratio Lower Upper

156 100

77 244.1 117.4 352.2

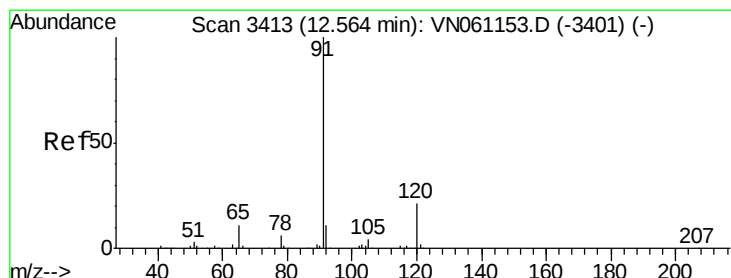
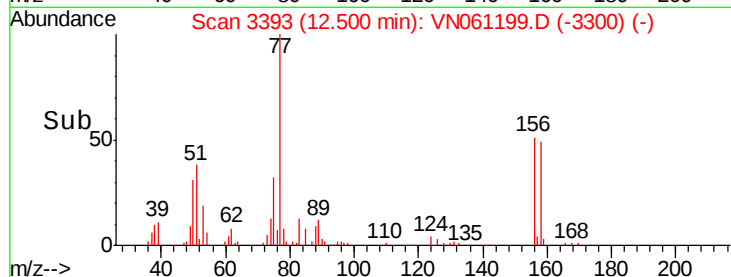
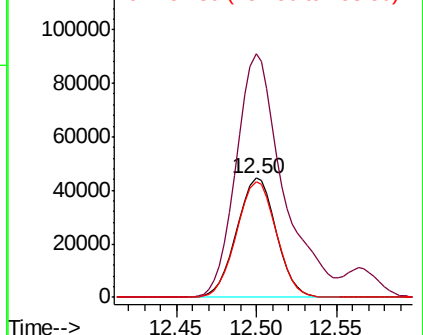
158 97.7 48.4 145.0



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: 51.933 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061199.D

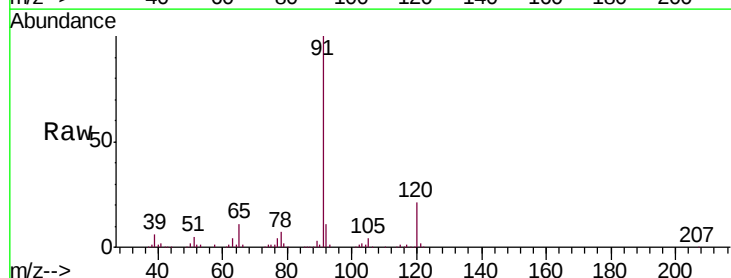
Acq: 30 Apr 2020 13:44

Tgt Ion: 91 Resp: 397616

Ion Ratio Lower Upper

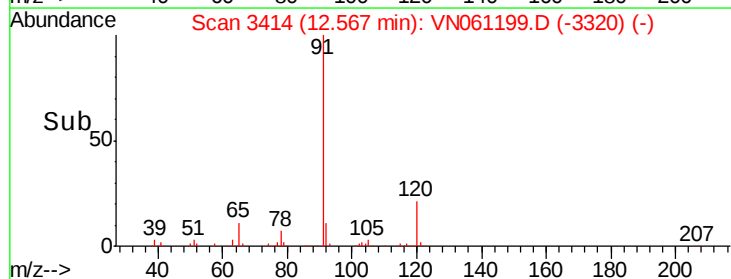
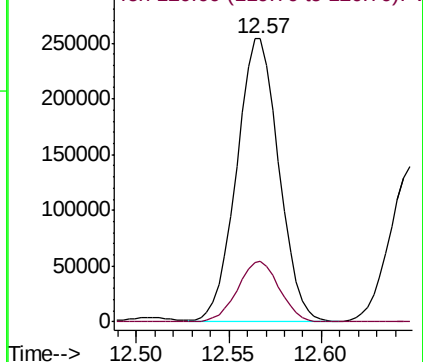
91 100

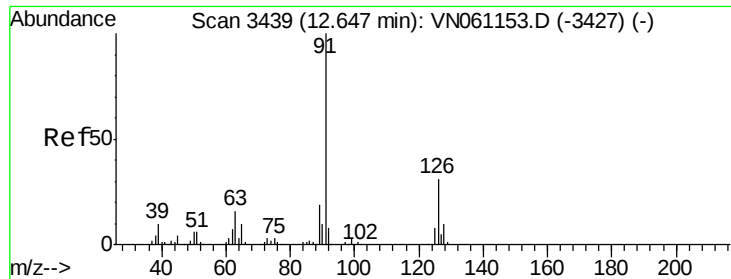
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.282 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

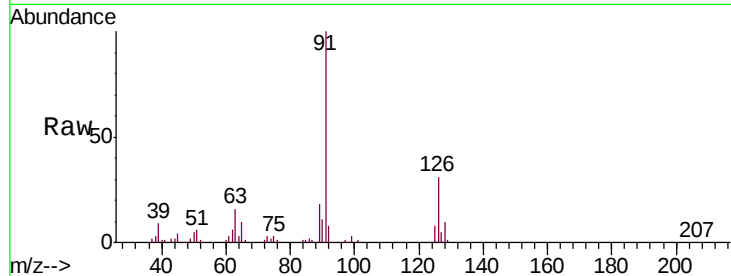
VSTDCCC050

Tgt Ion: 91 Resp: 230780

Ion Ratio Lower Upper

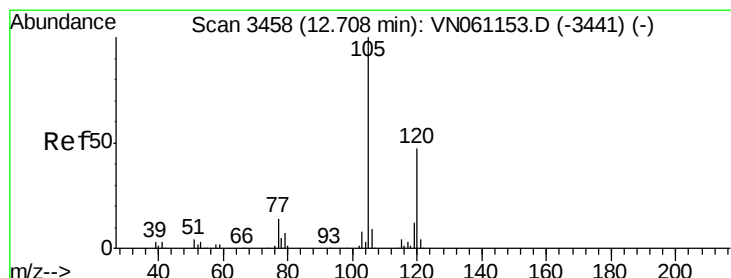
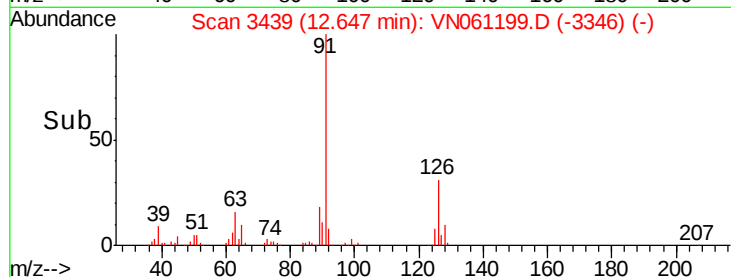
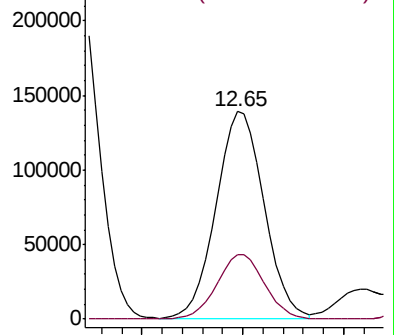
91 100

126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.446 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061199.D

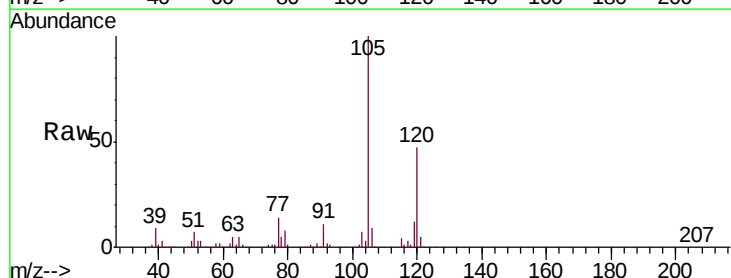
Acq: 30 Apr 2020 13:44

Tgt Ion: 105 Resp: 280194

Ion Ratio Lower Upper

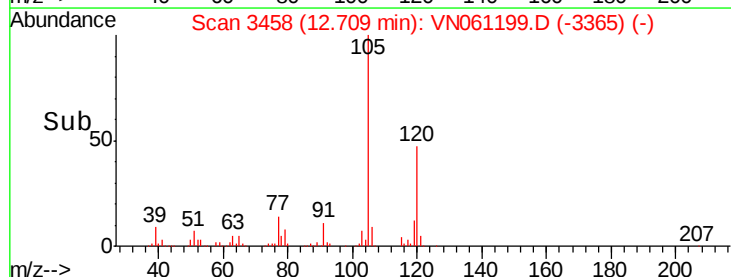
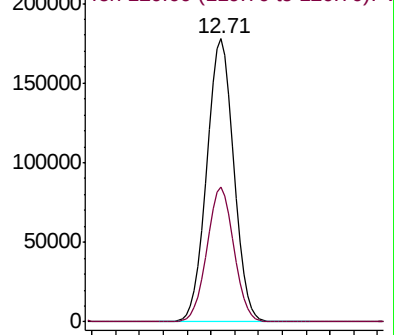
105 100

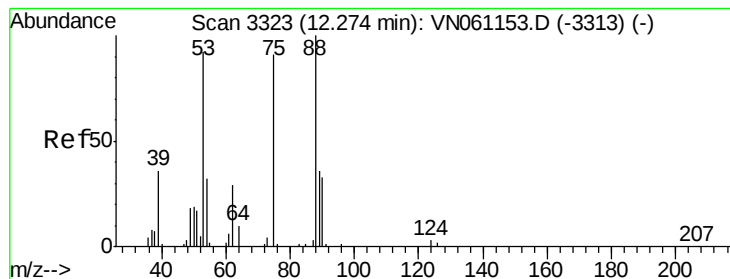
120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.246 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

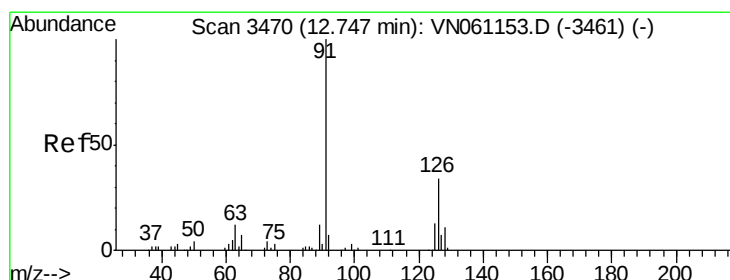
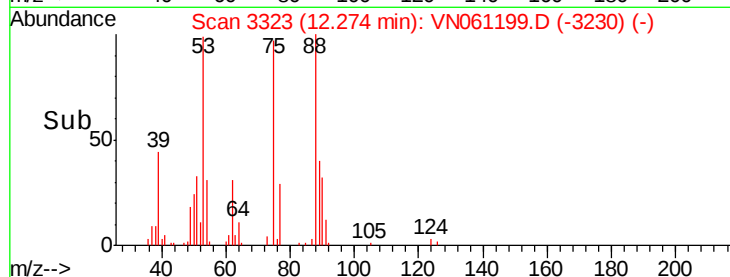
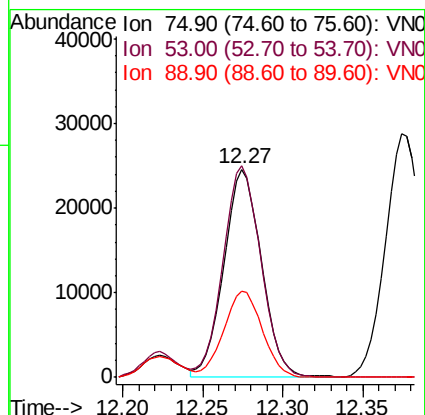
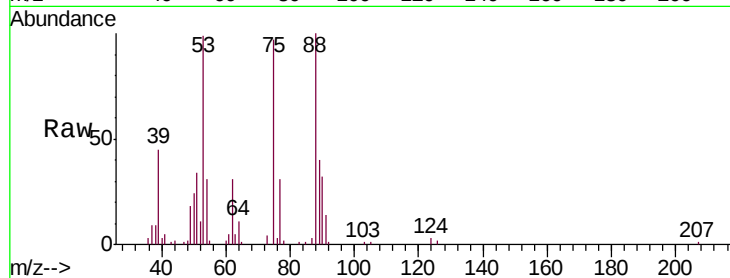
Tgt Ion: 75 Resp: 39543

Ion Ratio Lower Upper

75 100

53 102.2 84.1 126.1

89 42.4 35.2 52.8



#82

4-Chlorotoluene

Concen: 52.093 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061199.D

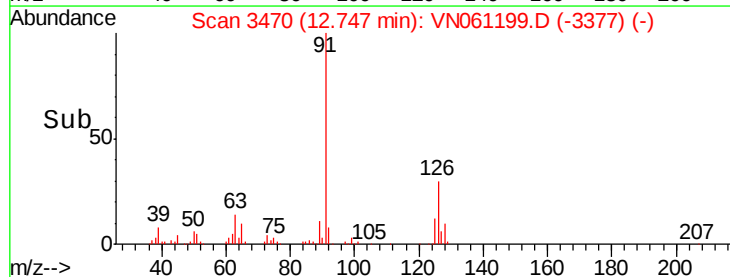
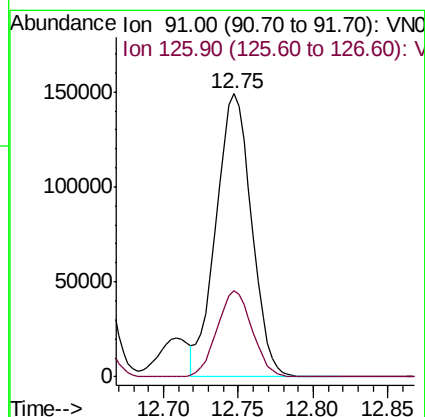
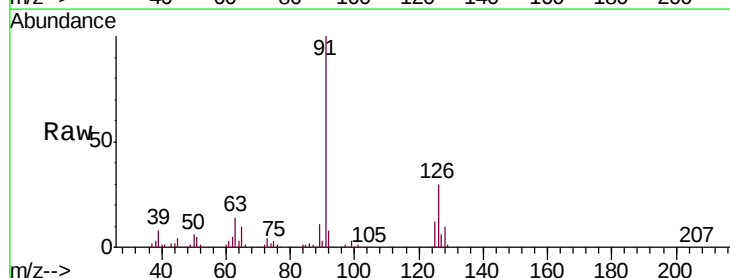
Acq: 30 Apr 2020 13:44

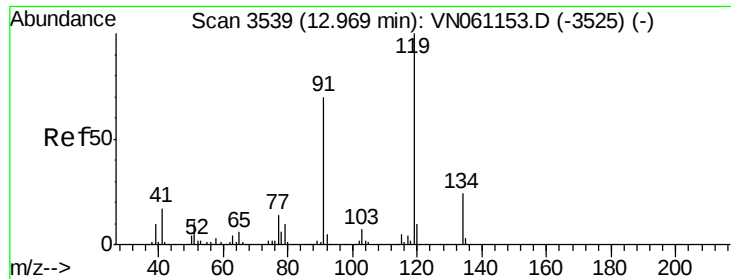
Tgt Ion: 91 Resp: 247080

Ion Ratio Lower Upper

91 100

126 30.0 15.7 47.1

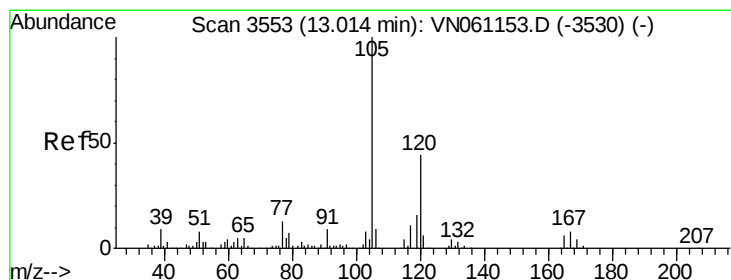
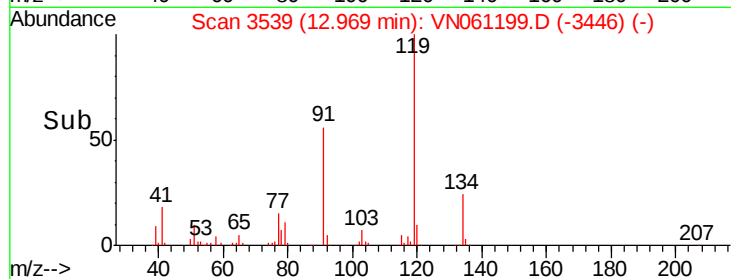
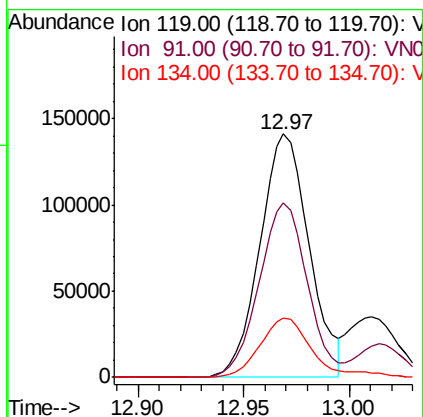
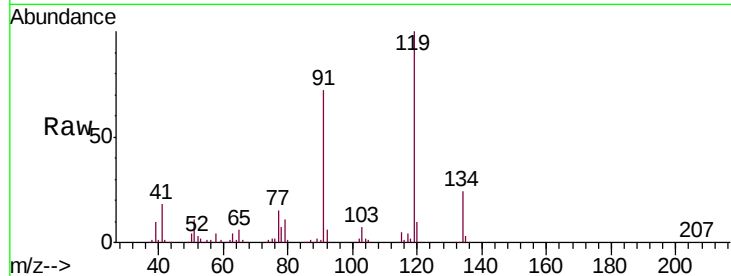




#83
 tert-Butylbenzene
 Concen: 50.849 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

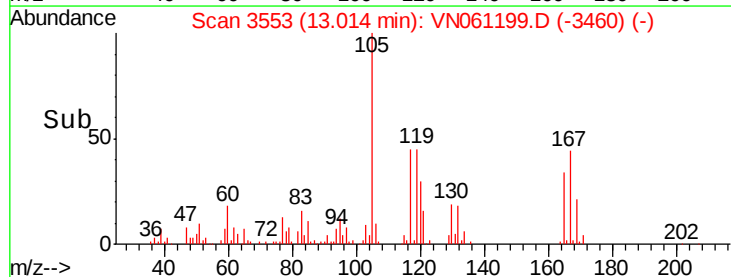
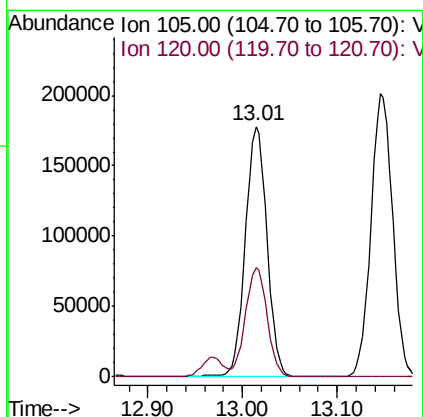
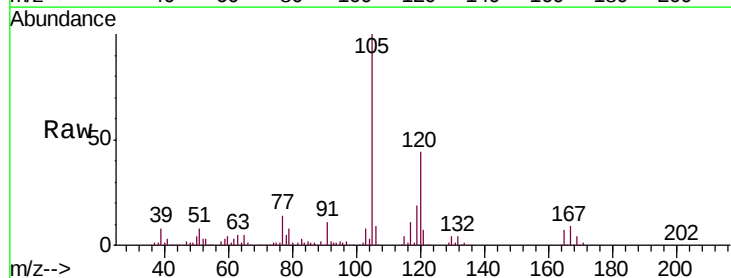
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

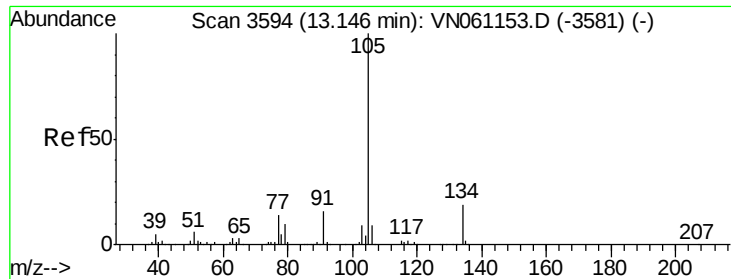
Tgt Ion:119 Resp: 229065
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.8 104.4
 134 25.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.540 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion:105 Resp: 283688
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.2 66.6

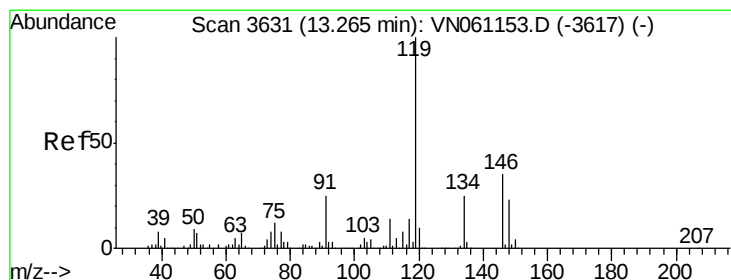
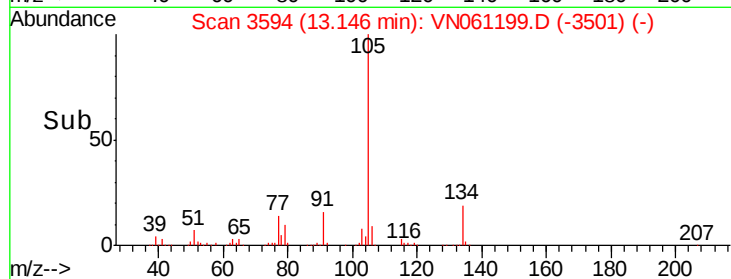
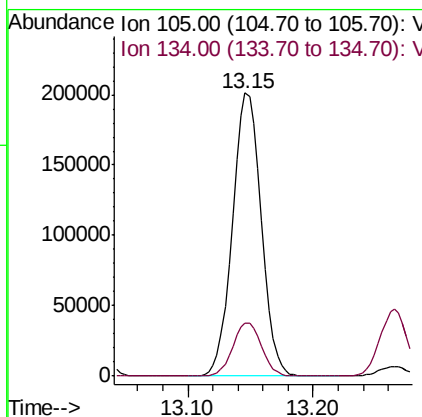
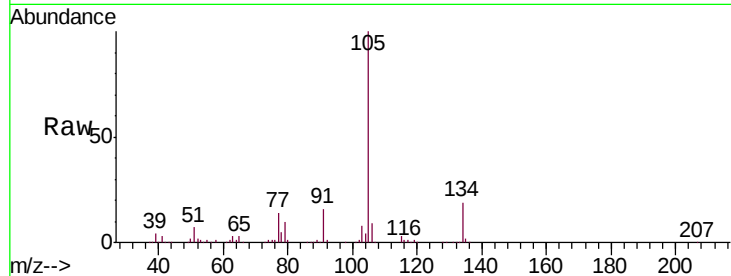




#85
 sec-Butylbenzene
 Concen: 52.046 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

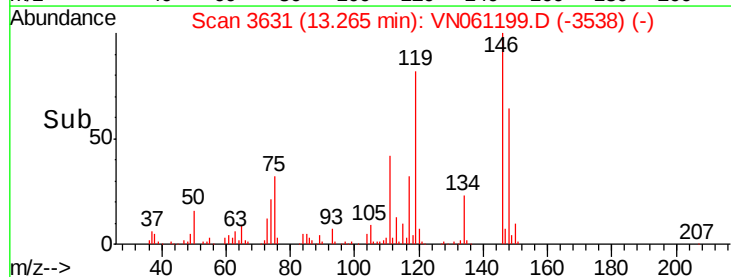
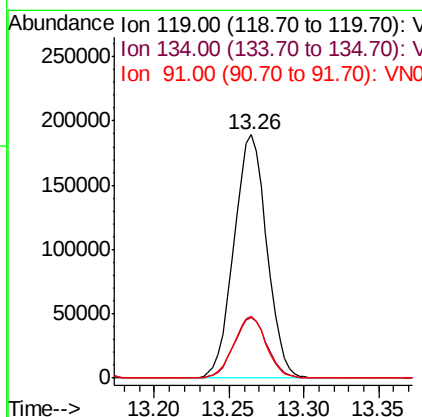
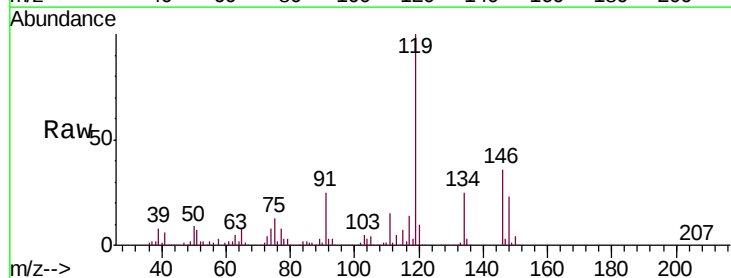
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

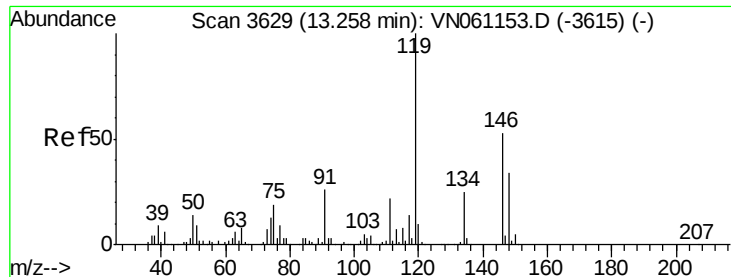
Tgt Ion:105 Resp: 319657
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 52.348 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion:119 Resp: 289677
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.6
 91 25.2 12.7 38.0

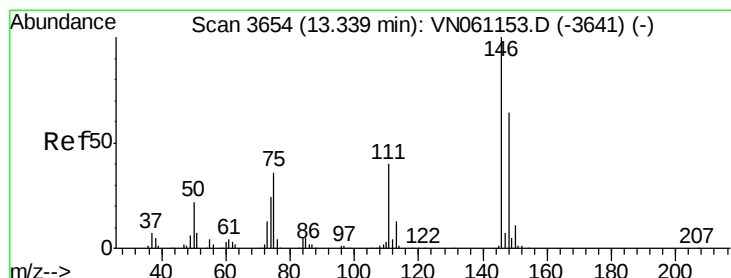
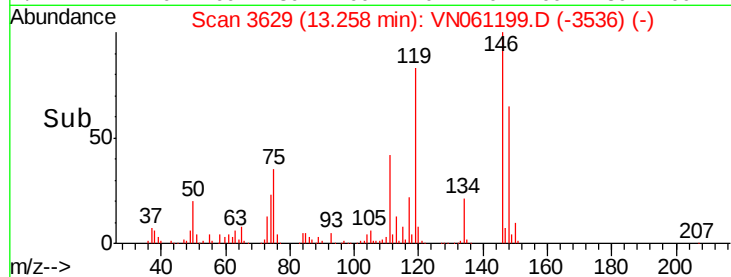
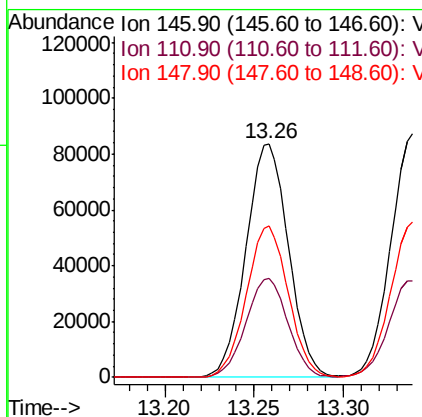
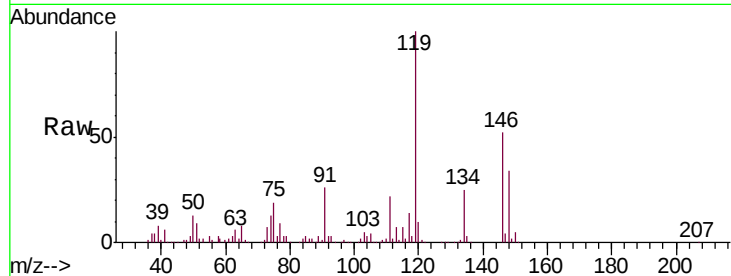




#87
 1,3-Dichlorobenzene
 Concen: 50.869 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

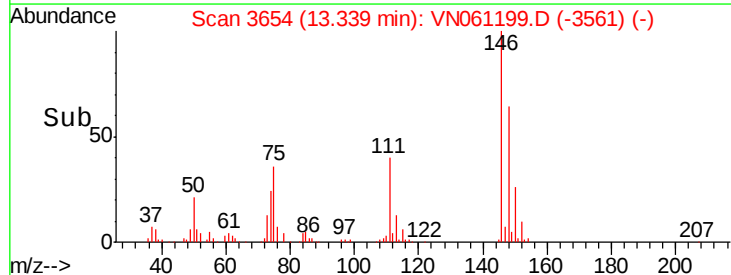
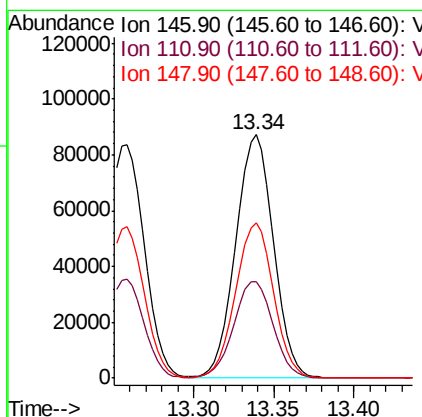
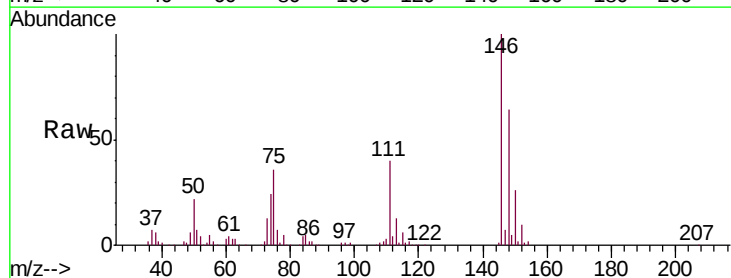
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

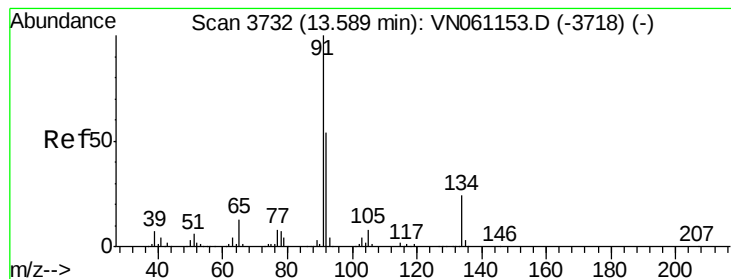
Tgt Ion:146 Resp: 139540
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.890 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion:146 Resp: 139831
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 54.089 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061199.D

Acq: 30 Apr 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

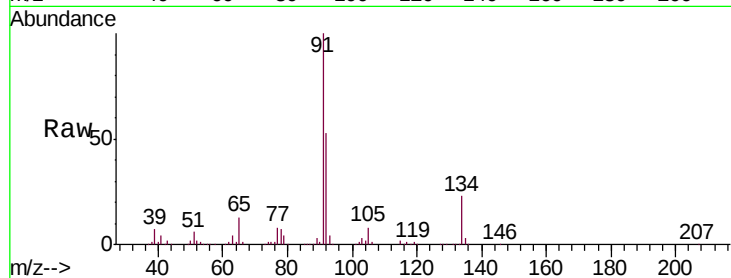
Tgt Ion: 91 Resp: 274394

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

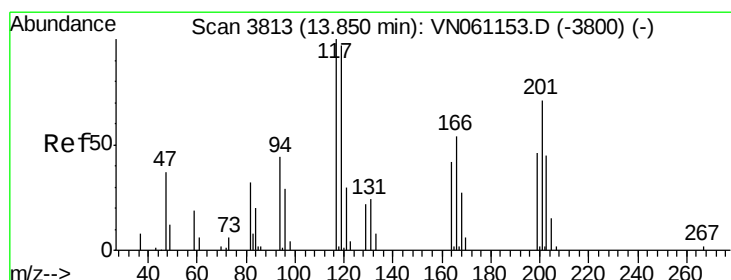
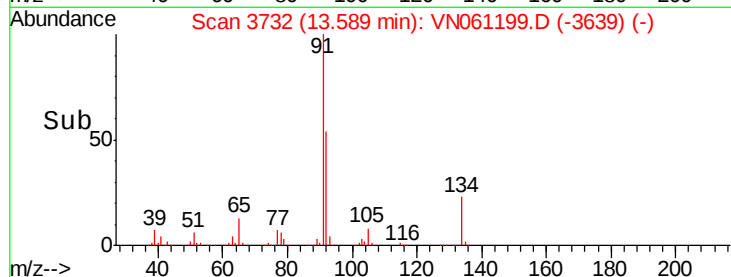
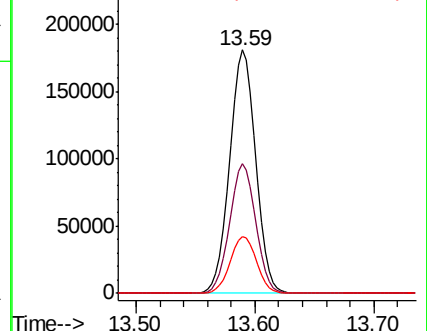
134 23.7 11.9 35.5



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: 50.398 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061199.D

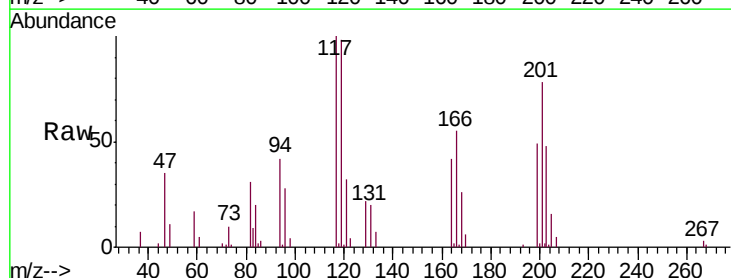
Acq: 30 Apr 2020 13:44

Tgt Ion: 117 Resp: 29131

Ion Ratio Lower Upper

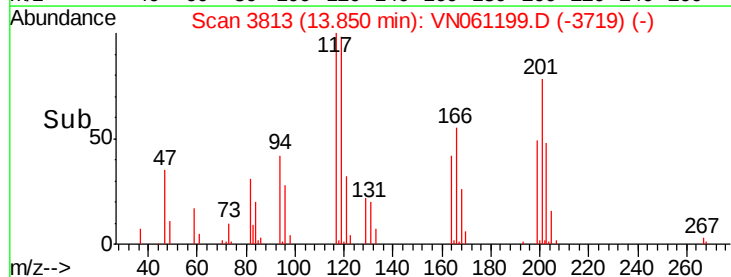
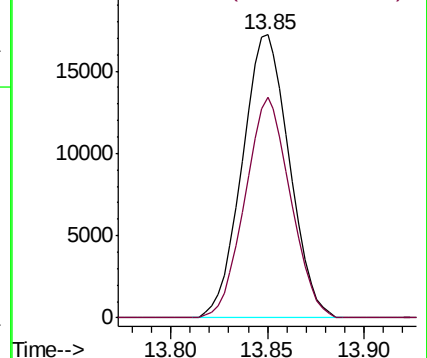
117 100

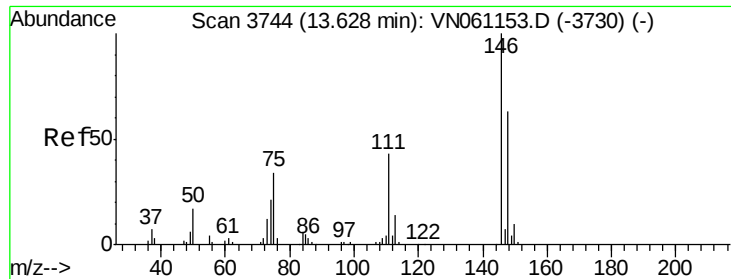
201 75.0 35.5 106.7



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

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

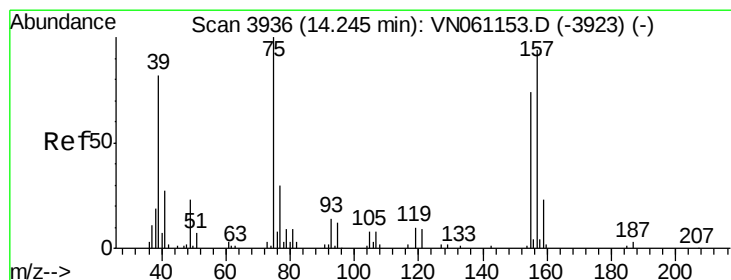
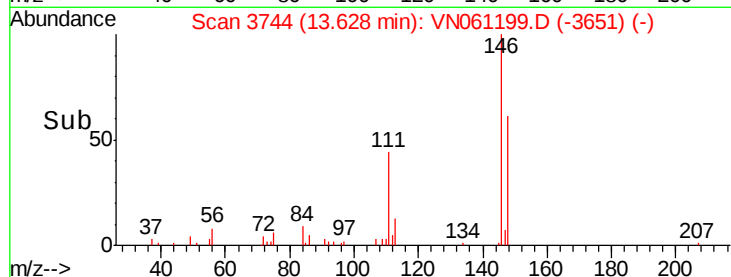
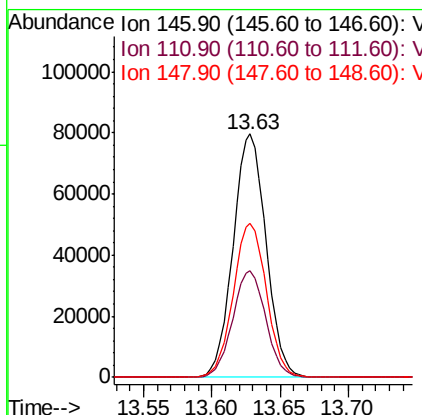
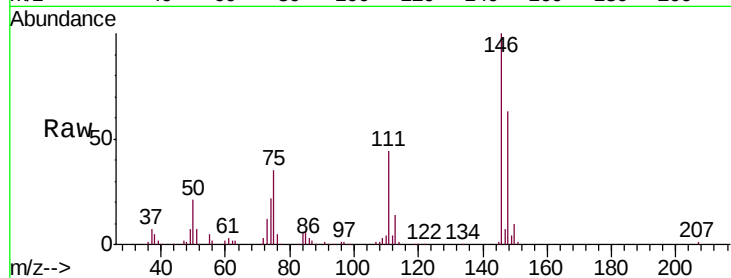




#91
 1,2-Dichlorobenzene
 Concen: 50.717 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

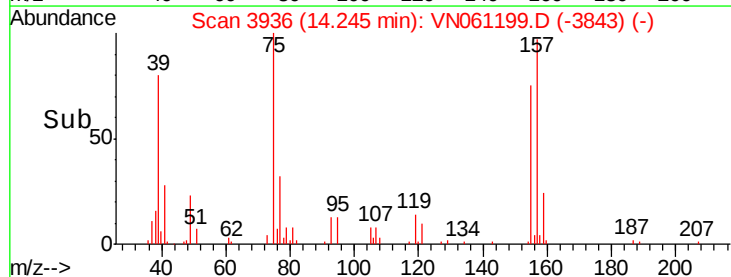
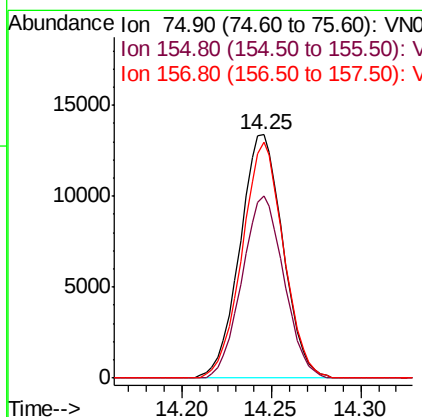
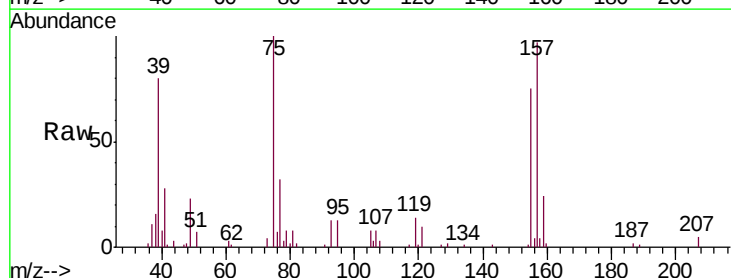
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

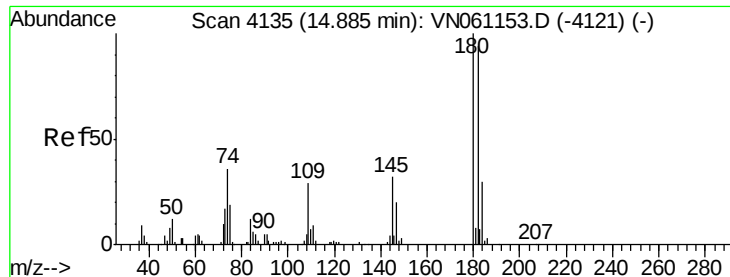
Tgt Ion:146 Resp: 133398
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 63.9 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.177 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion: 75 Resp: 22605
 Ion Ratio Lower Upper
 75 100
 155 72.6 36.5 109.7
 157 93.4 46.6 139.7

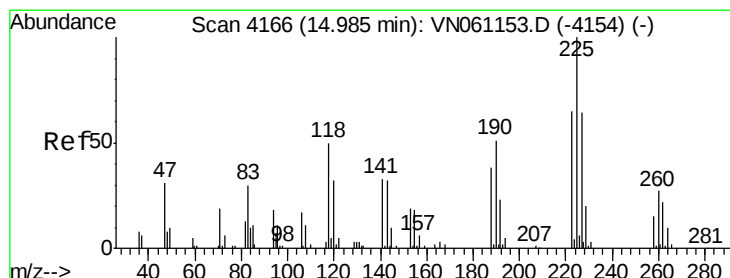
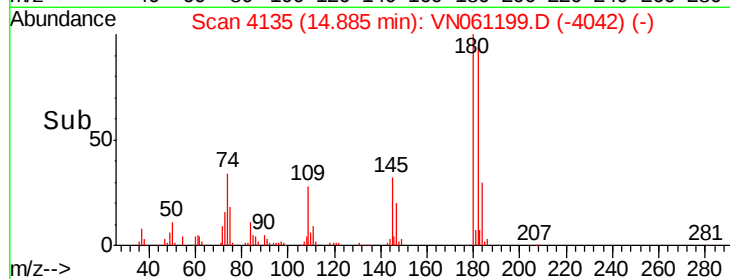
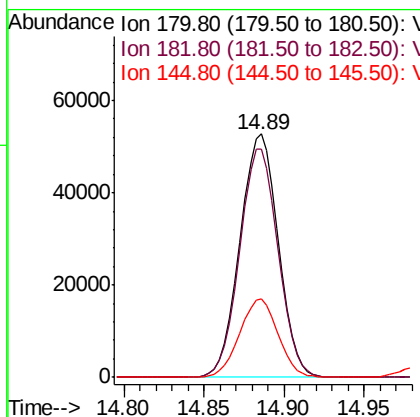
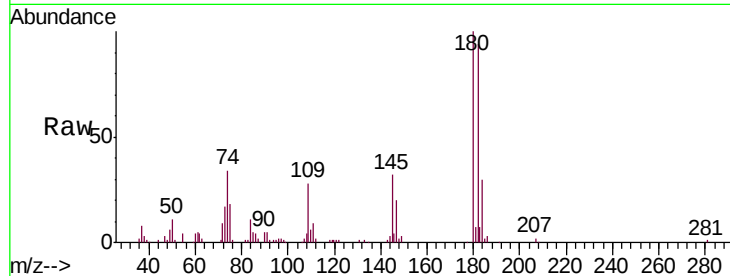




#93
 1,2,4-Trichlorobenzene
 Concen: 53.817 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

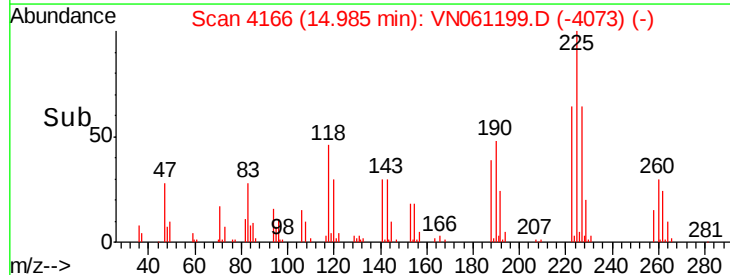
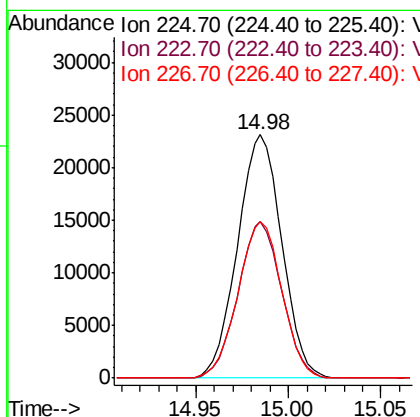
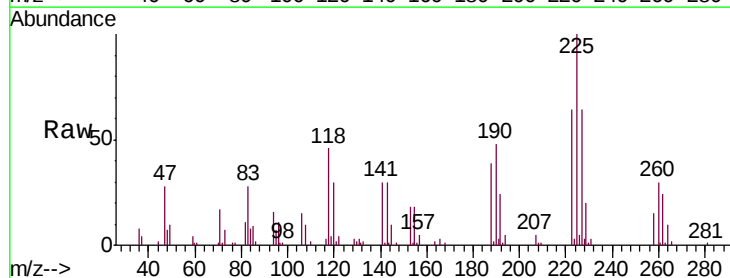
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

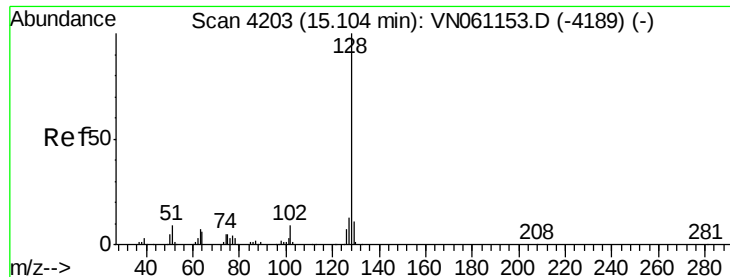
Tgt Ion:180 Resp: 86197
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 32.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 57.272 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061199.D
 Acq: 30 Apr 2020 13:44

Tgt Ion:225 Resp: 38322
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.4 97.0
 227 63.7 32.4 97.0

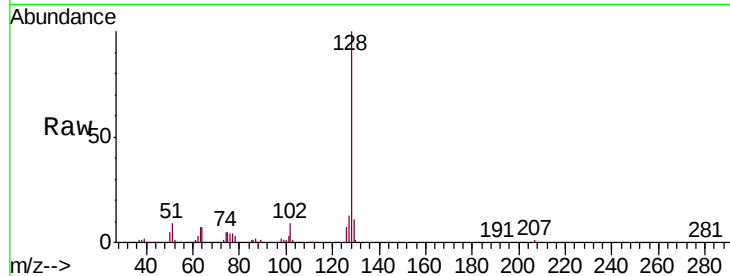




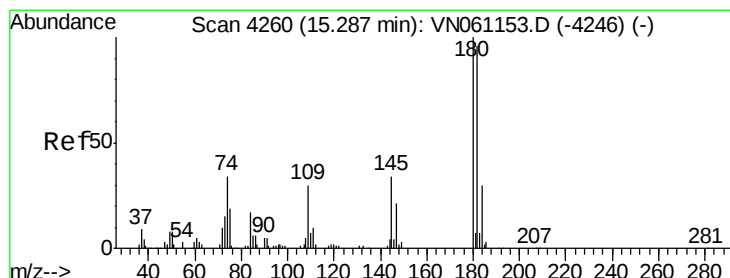
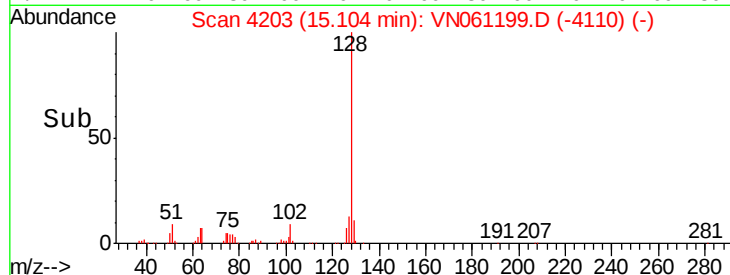
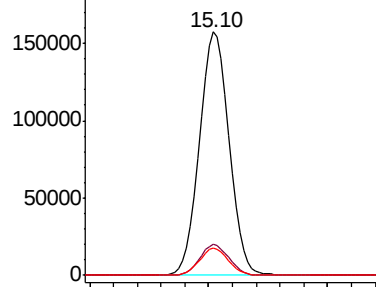
#95
Naphthalene
Concen: 52.129 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 271912
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.9 8.7 13.1

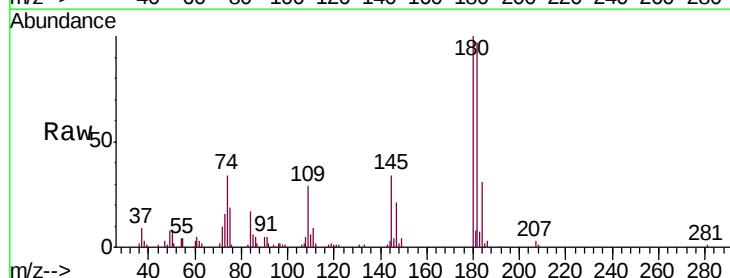


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.476 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061199.D
Acq: 30 Apr 2020 13:44

Tgt Ion:180 Resp: 84563
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 33.5 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

