

Data File : VN059936.D
Acq On : 30 Jan 2020 18:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 31 00:38:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	292022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106733	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.57	113	88838	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.08	98	332340	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	126091	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95042	43.809	ug/l	98
3) Chloromethane	2.04	50	95323	45.315	ug/l	98
4) Vinyl Chloride	2.17	62	122131	50.744	ug/l	97
5) Bromomethane	2.54	94	70922	48.285	ug/l	97
6) Chloroethane	2.68	64	56041	49.216	ug/l	99
7) Trichlorofluoromethane	3.00	101	142827	49.413	ug/l	100
8) Diethyl Ether	3.39	74	51829	51.094	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83613	51.975	ug/l	93
10) Methyl Iodide	3.93	142	116471	44.791	ug/l	95
11) Tert butyl alcohol	4.73	59	81596	237.544	ug/l	99
12) 1,1-Dichloroethene	3.72	96	80296	47.767	ug/l	89
13) Acrolein	3.58	56	58820	241.903	ug/l	98
14) Allyl chloride	4.30	41	112459	49.634	ug/l #	83
15) Acrylonitrile	4.95	53	207675	265.045	ug/l	99
16) Acetone	3.78	43	186764	269.129	ug/l	96
17) Carbon Disulfide	4.03	76	197172	41.175	ug/l	99
18) Methyl Acetate	4.29	43	129051	54.146	ug/l	92
19) Methyl tert-butyl Ether	5.01	73	284207	51.855	ug/l	97
20) Methylene Chloride	4.52	84	91682	49.655	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	85836	48.037	ug/l	88
22) Diisopropyl ether	5.92	45	265339	51.676	ug/l	97
23) Vinyl Acetate	5.86	43	1002478	252.164	ug/l	95
24) 1,1-Dichloroethane	5.82	63	161327	51.420	ug/l	98
25) 2-Butanone	6.80	43	277128	239.836	ug/l	92
26) 2,2-Dichloropropane	6.80	77	150011	49.734	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	104099	50.651	ug/l	89
28) Bromochloromethane	7.17	49	62378	49.744	ug/l #	77
29) Tetrahydrofuran	7.18	42	179637	251.267	ug/l	88
30) Chloroform	7.35	83	169594	52.171	ug/l	99
31) Cyclohexane	7.63	56	133981	44.380	ug/l	92
32) 1,1,1-Trichloroethane	7.55	97	153746	51.152	ug/l	96
36) 1,1-Dichloropropene	7.77	75	120903	47.543	ug/l	96
37) Ethyl Acetate	6.90	43	116252	48.740	ug/l	96
38) Carbon Tetrachloride	7.75	117	137788	49.810	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	143555	45.782	ug/l	93
40) Benzene	8.02	78	365909	48.246	ug/l	99
41) Methacrylonitrile	7.18	41	166028	141.322	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	131447	51.118	ug/l	96
43) Isopropyl Acetate	8.14	43	201954	49.227	ug/l	95
44) Trichloroethene	8.82	130	101047	48.805	ug/l	93
45) 1,2-Dichloropropane	9.10	63	94443	50.323	ug/l	100
46) Dibromomethane	9.19	93	67404	50.915	ug/l	92
47) Bromodichloromethane	9.39	83	136394	51.126	ug/l	99
48) Methyl methacrylate	9.18	41	87421	47.639	ug/l	88
49) 1,4-Dioxane	9.18	88	33457	995.942	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	596145	251.373	ug/l	96
52) Toluene	10.14	92	237711	49.621	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	155785	52.298	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	160849	51.320	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	96616	50.922	ug/l	97
56) Ethyl methacrylate	10.42	69	142974	49.316	ug/l	93
57) 1,3-Dichloropropane	10.70	76	159698	53.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	242157	277.312	ug/l	92
59) 2-Hexanone	10.74	43	435845	249.463	ug/l	94
60) Dibromochloromethane	10.89	129	114613	53.046	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101861	51.222	ug/l	100
64) Tetrachloroethene	10.62	164	100447	45.442	ug/l	95
65) Chlorobenzene	11.43	112	262554	49.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	105007	50.979	ug/l	99
67) Ethyl Benzene	11.50	91	467321	48.291	ug/l	97
68) m/p-Xylenes	11.62	106	352056	96.309	ug/l	95
69) o-Xylene	11.94	106	171897	48.033	ug/l	95
70) Styrene	11.96	104	291551	48.685	ug/l	97
71) Bromoform	12.12	173	87559	53.067	ug/l #	99
73) Isopropylbenzene	12.24	105	470669	47.097	ug/l	100
74) N-amyl acetate	12.06	43	180641	46.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	146197	50.462	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189853	82.789	ug/l #	100
77) Bromobenzene	12.52	156	120631	47.665	ug/l	84
78) n-propylbenzene	12.59	91	530245	47.272	ug/l	97
79) 2-Chlorotoluene	12.67	91	313954	47.049	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	394759	46.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	52444	49.112	ug/l	94
82) 4-Chlorotoluene	12.77	91	319306	47.707	ug/l	95
83) tert-Butylbenzene	12.99	119	339196	46.663	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	392672	47.225	ug/l	99
85) sec-Butylbenzene	13.17	105	449730	47.090	ug/l	99
86) p-Isopropyltoluene	13.28	119	415027	46.965	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	215649	49.055	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	213228	48.620	ug/l	97
89) n-Butylbenzene	13.61	91	362711	48.139	ug/l	99
90) Hexachloroethane	13.87	117	78487	47.471	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	210704	48.482	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30842	49.580	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013020\
Quantitation Report (Not Reviewed)

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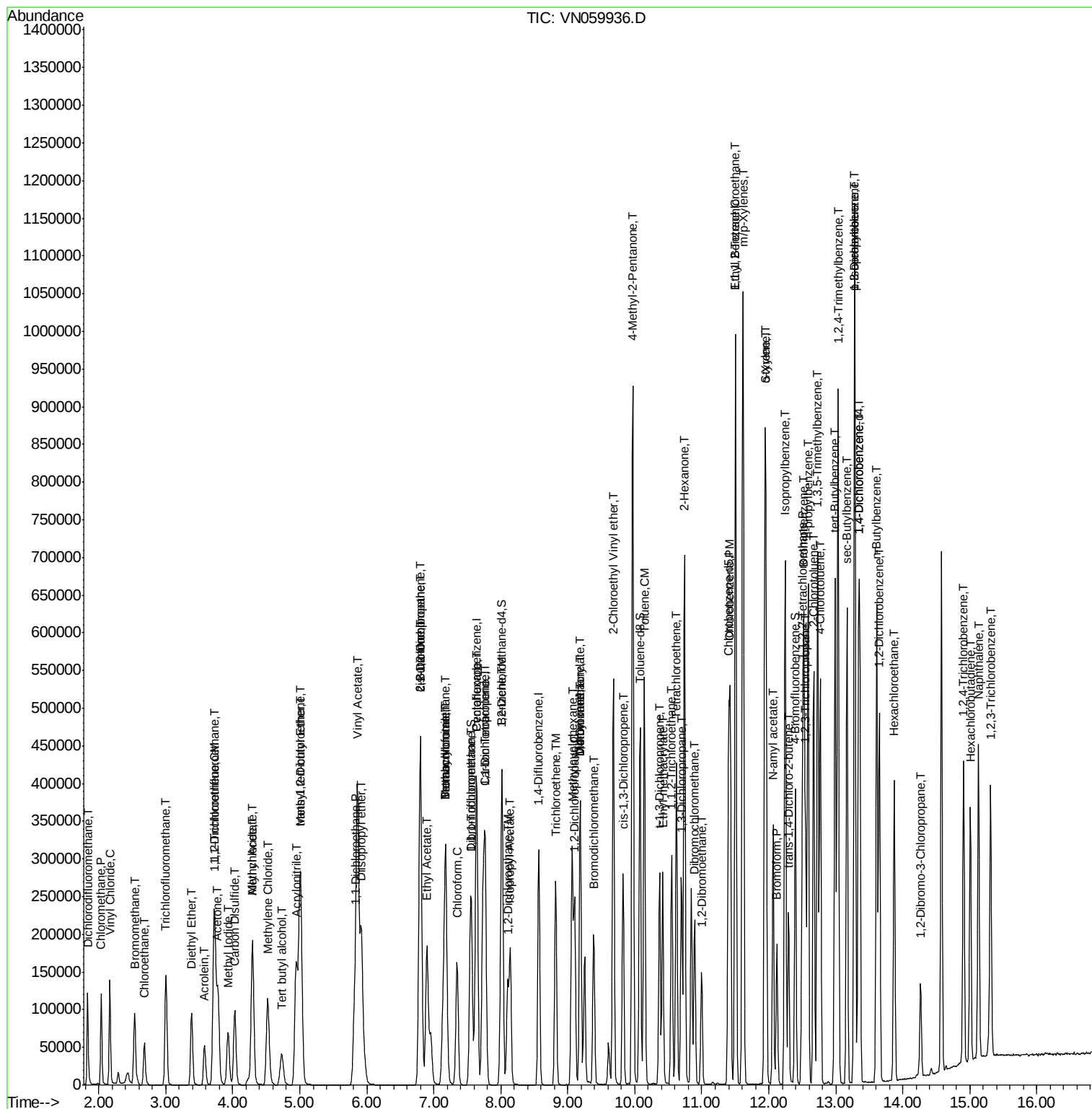
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	129203	49.475	ug/l	98
94) Hexachlorobutadiene	15.01	225	66798	46.417	ug/l	99
95) Naphthalene	15.13	128	355489	47.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125064	49.201	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

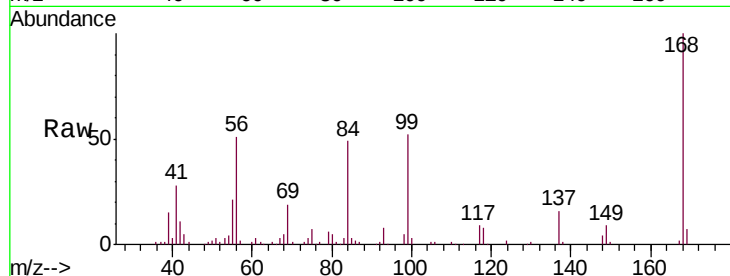
VSTDCCC050EC

Tgt Ion:168 Resp: 183737

Ion Ratio Lower Upper

168 100

99 51.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

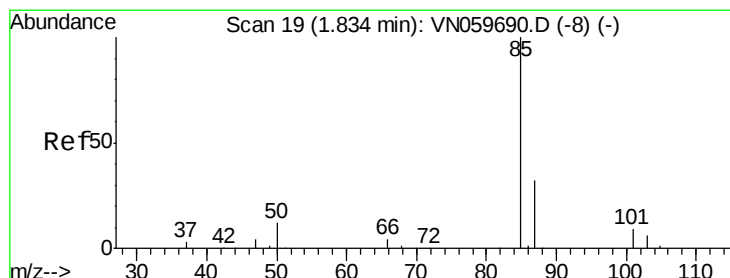
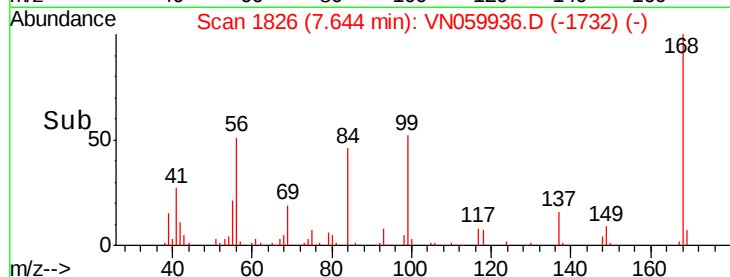
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.809 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059936.D

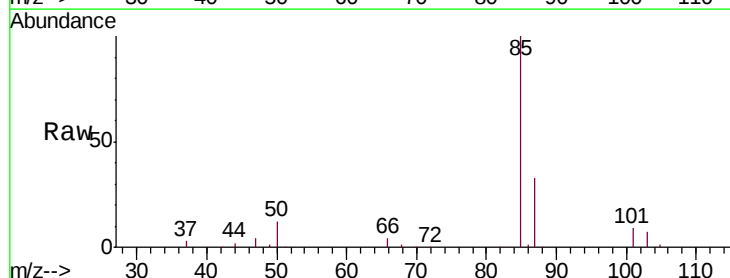
Acq: 30 Jan 2020 18:01

Tgt Ion: 85 Resp: 95042

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

80000

60000

40000

20000

0

1.83

1.75

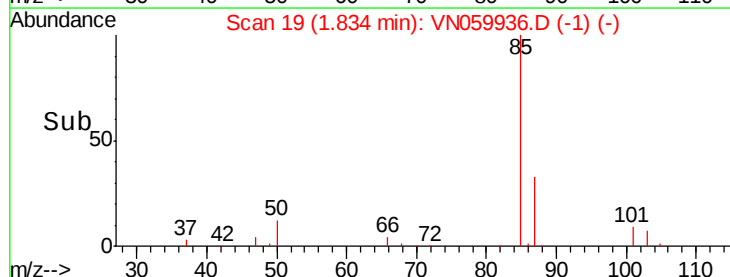
1.80

1.85

1.90

1.95

Time-->

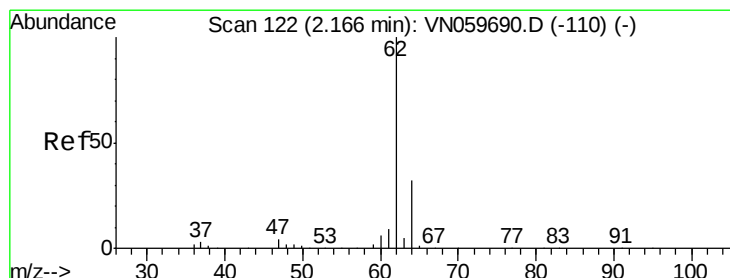
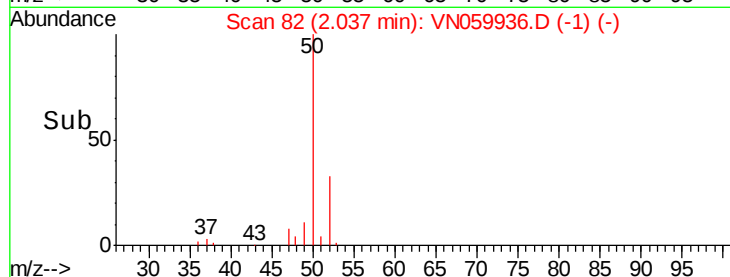
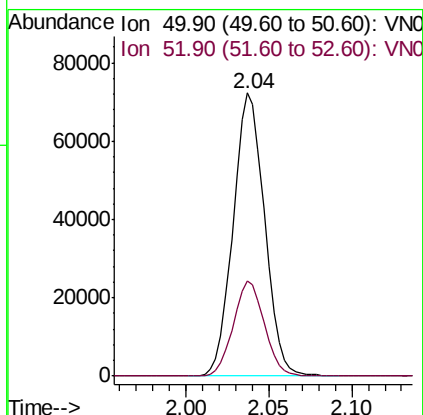
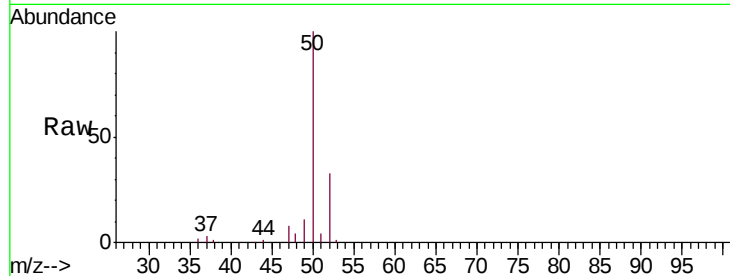




#3
Chloromethane
Concen: 45.315 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059936.D
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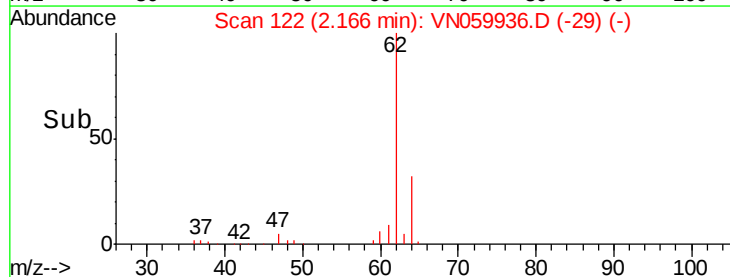
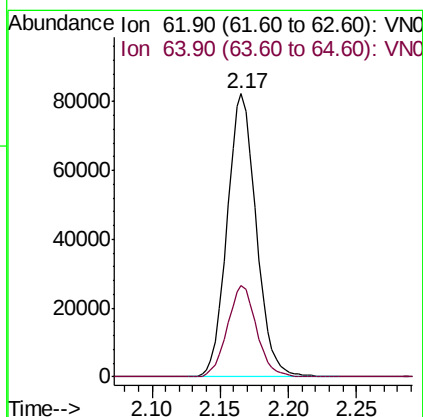
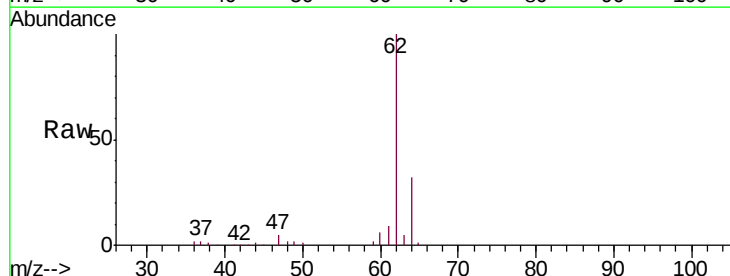
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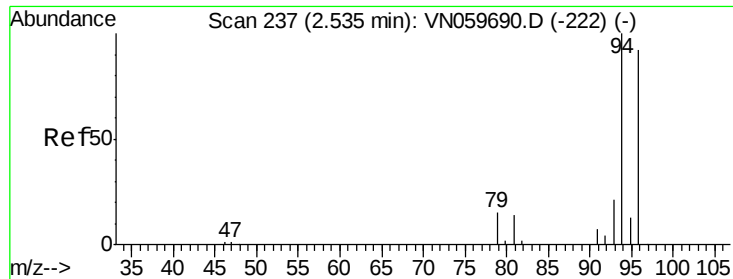
Tgt Ion: 50 Resp: 95323
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 50.744 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 62 Resp: 122131
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0

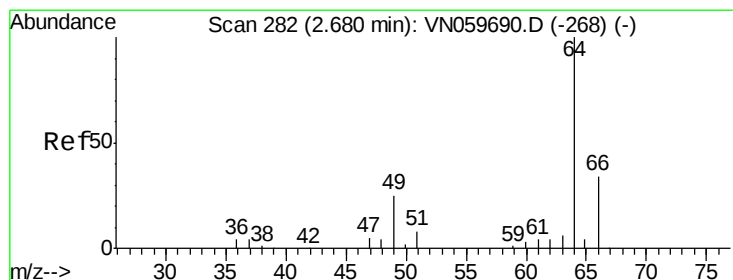
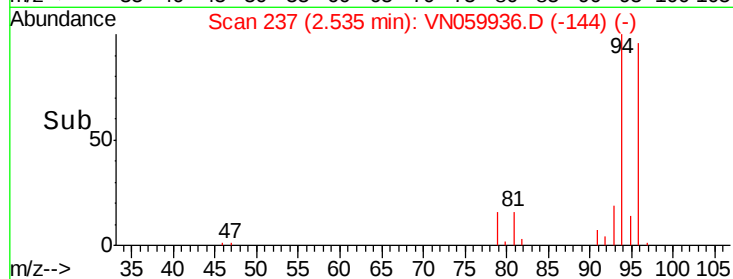
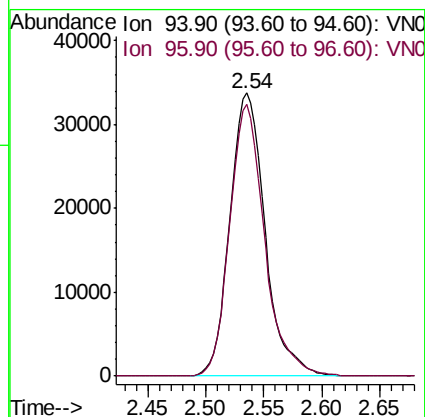
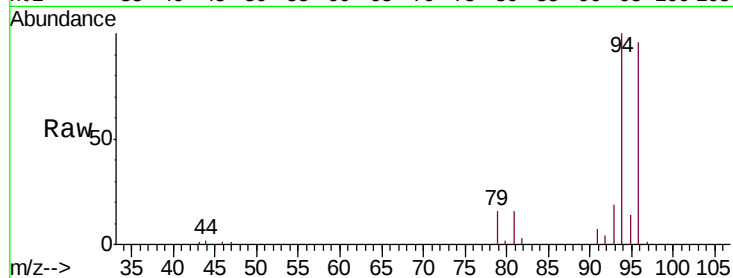




#5
Bromomethane
Concen: 48.285 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

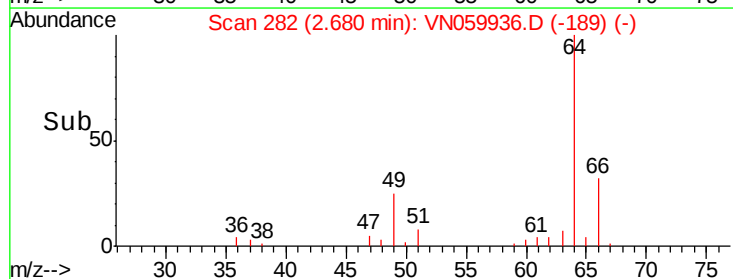
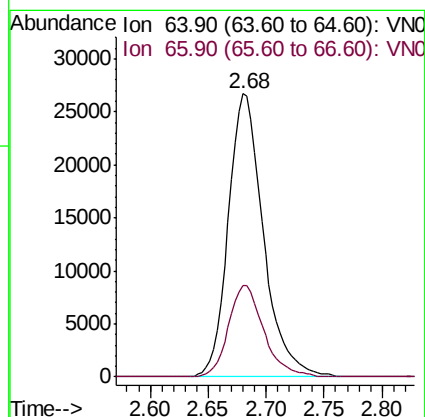
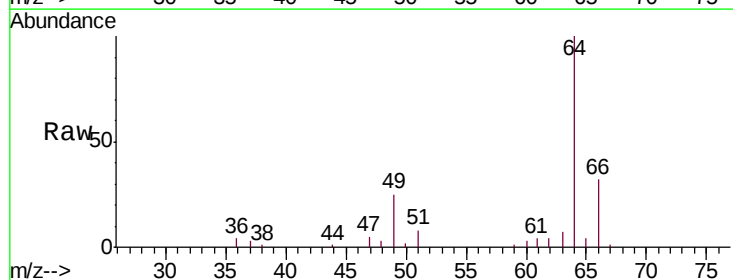
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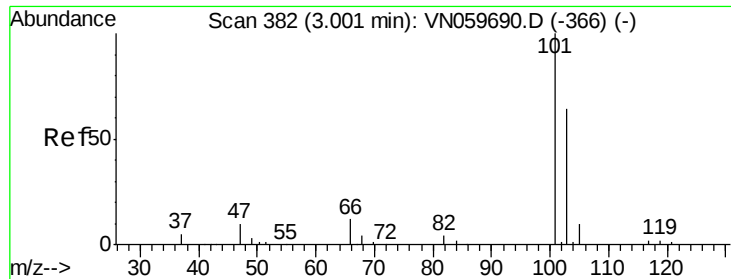
Tgt Ion: 94 Resp: 70922
Ion Ratio Lower Upper
94 100
96 95.9 74.7 112.1



#6
Chloroethane
Concen: 49.216 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 64 Resp: 56041
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7



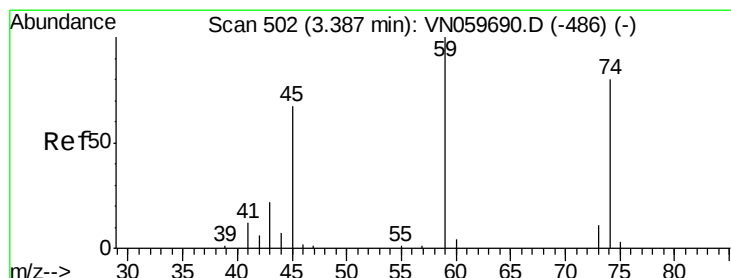
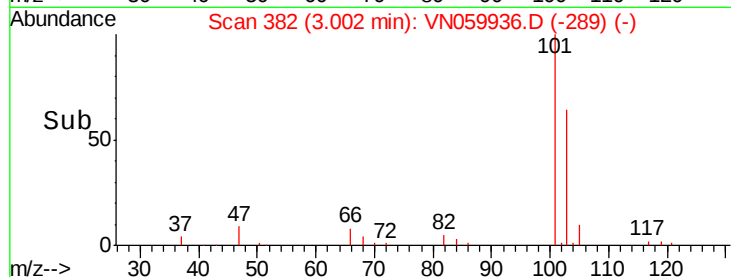
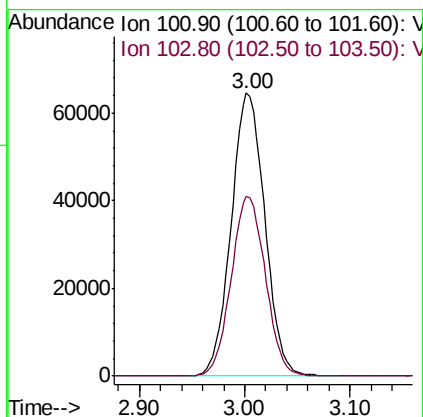
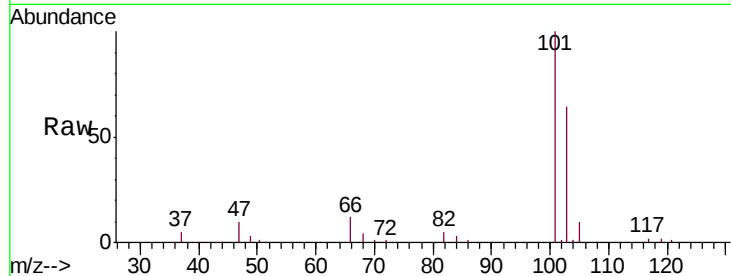


#7

Trichlorofluoromethane
 Concen: 49.413 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
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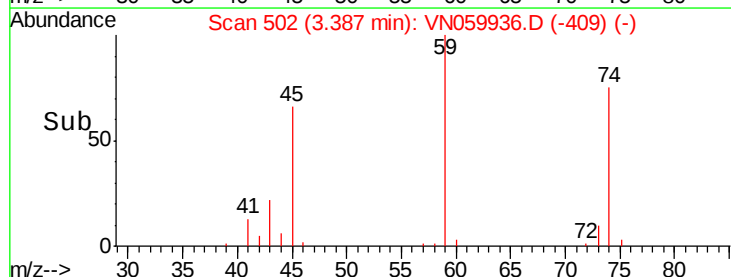
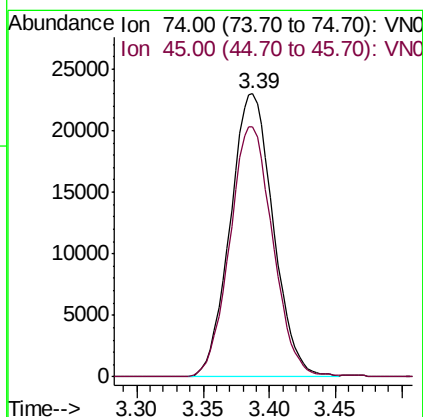
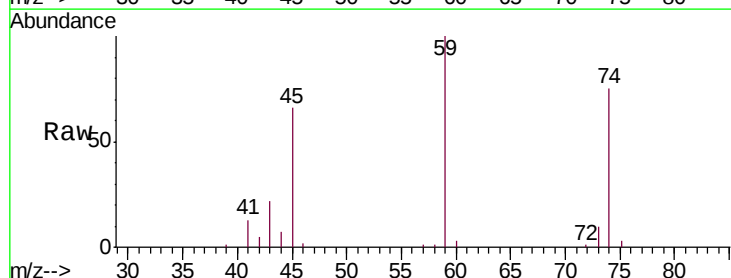
Tgt Ion: 101 Resp: 142827
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6



#8

Diethyl Ether
 Concen: 51.094 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 74 Resp: 51829
 Ion Ratio Lower Upper
 74 100
 45 88.2 51.9 155.8

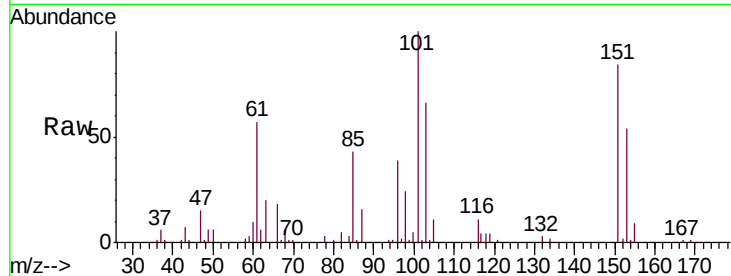




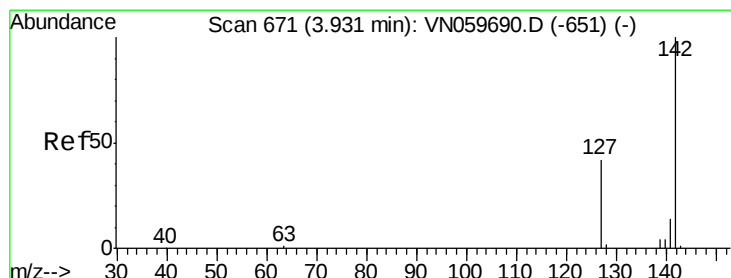
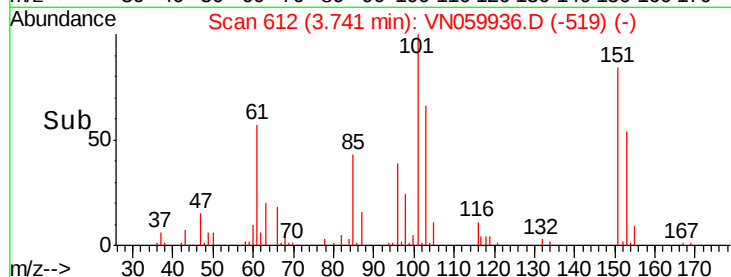
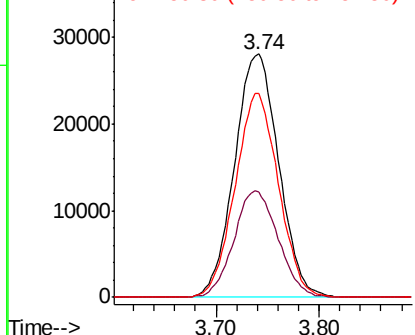
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.975 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN059936.D
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Tgt Ion:101 Resp: 83613
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.6 54.8
 151 82.2 59.7 89.5

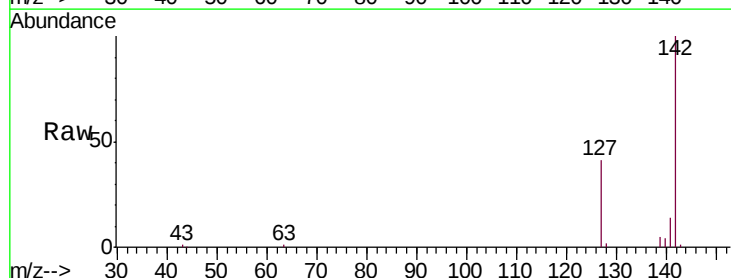


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

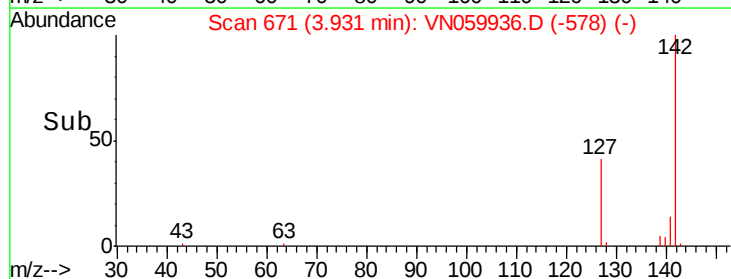
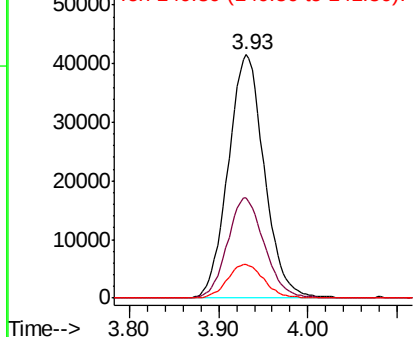


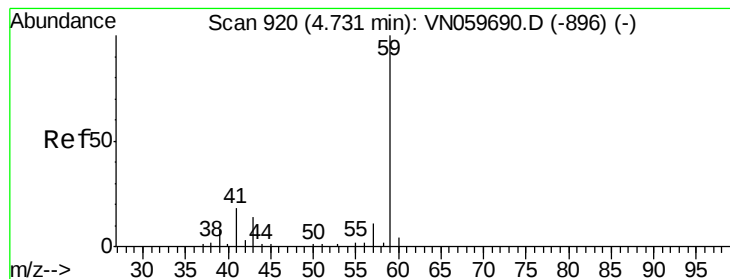
#10
 Methyl Iodide
 Concen: 44.791 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion:142 Resp: 116471
 Ion Ratio Lower Upper
 142 100
 127 42.0 36.7 55.1
 141 14.0 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



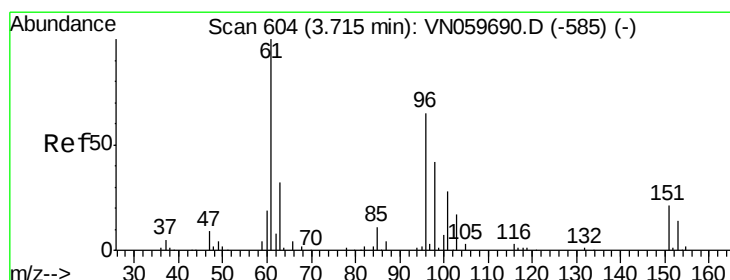
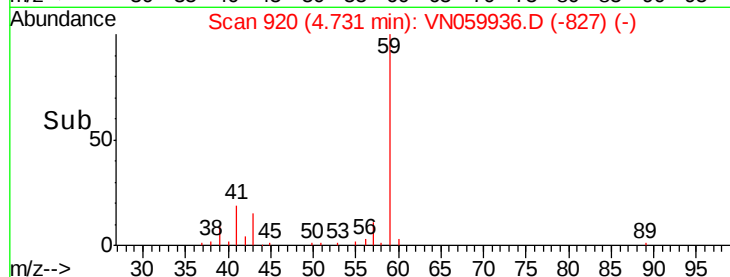
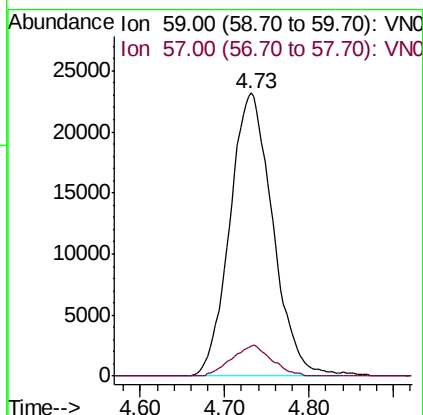
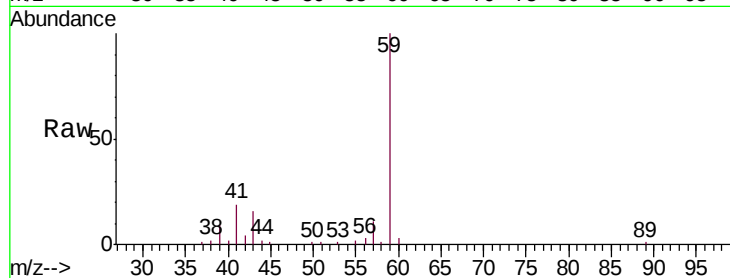


#11

Tert butyl alcohol
 Concen: 237.544 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

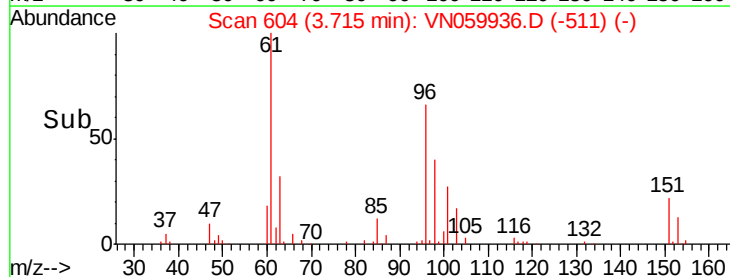
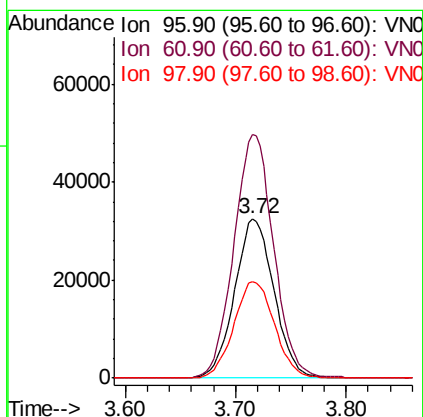
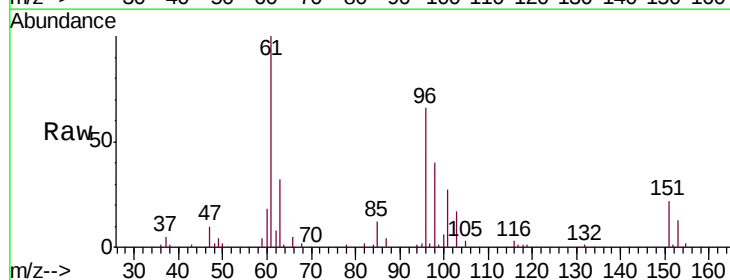
Tgt Ion: 59 Resp: 81596
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

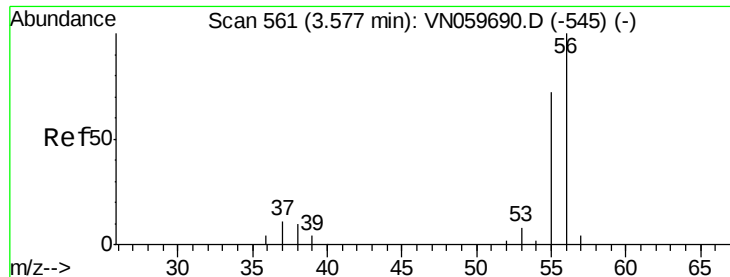


#12

1,1-Dichloroethene
 Concen: 47.767 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 96 Resp: 80296
 Ion Ratio Lower Upper
 96 100
 61 152.4 137.5 206.3
 98 60.6 50.2 75.4





#13

Acrolein

Concen: 241.903 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

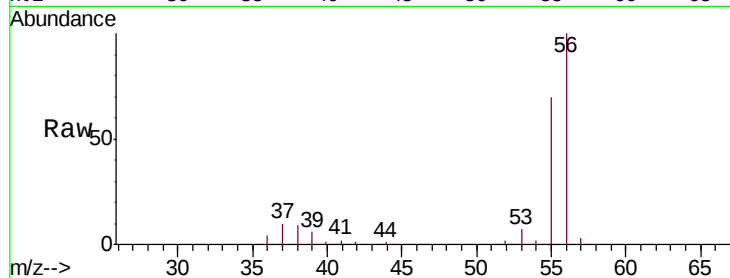
VSTDCCC050EC

Tgt Ion: 56 Resp: 58820

Ion Ratio Lower Upper

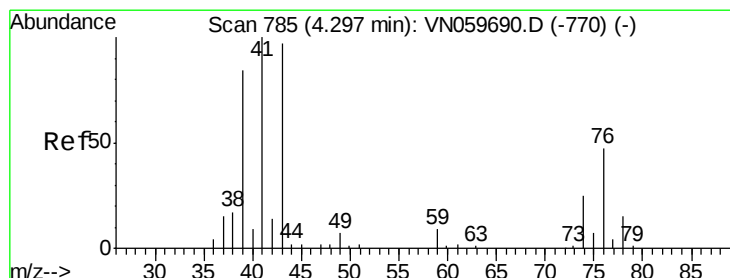
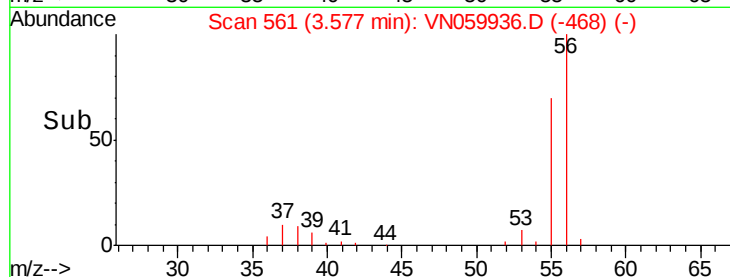
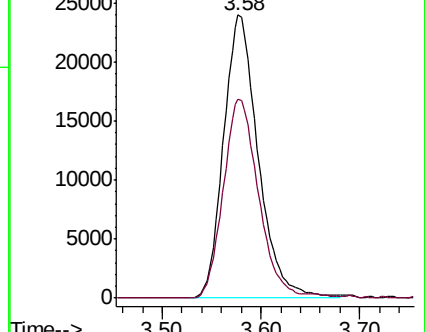
56 100

55 71.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059936.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059936.D (-545) (-)



#14

Allyl chloride

Concen: 49.634 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

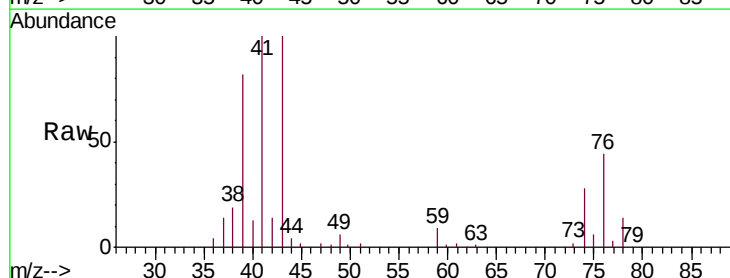
Tgt Ion: 41 Resp: 112459

Ion Ratio Lower Upper

41 100

39 84.5 57.8 86.8

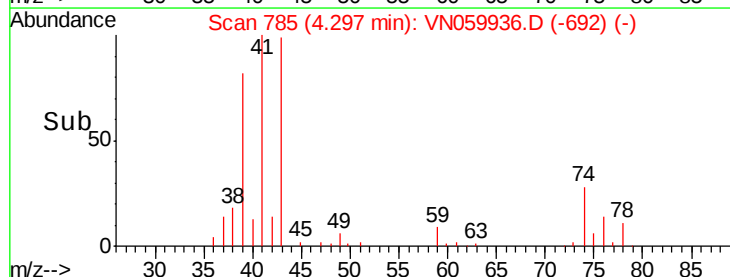
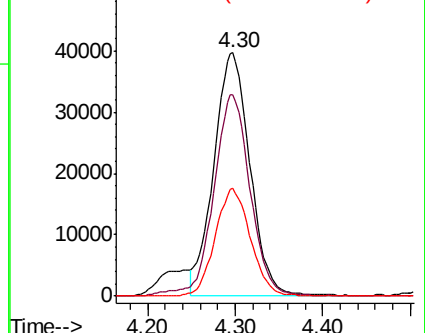
76 43.6 25.4 38.0#

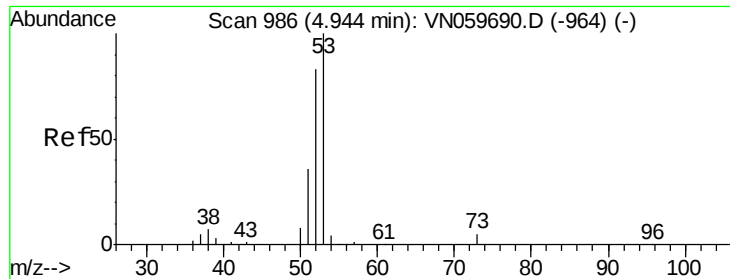


Abundance Ion 41.00 (40.70 to 41.70): VN059936.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059936.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059936.D (-692) (-)





#15

Acrylonitrile

Concen: 265.045 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

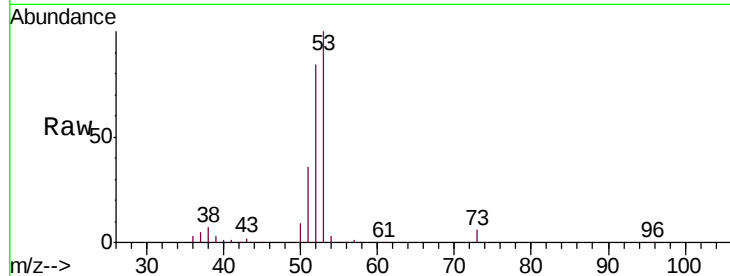
Tgt Ion: 53 Resp: 207675

Ion Ratio Lower Upper

53 100

52 83.6 66.3 99.5

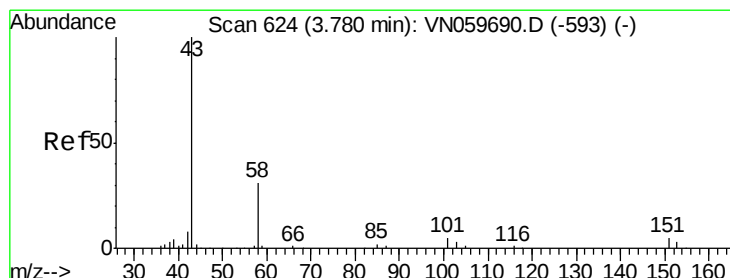
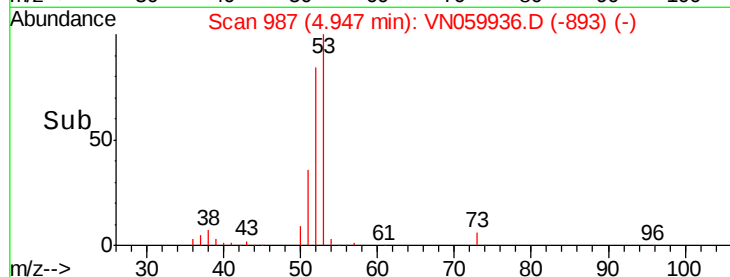
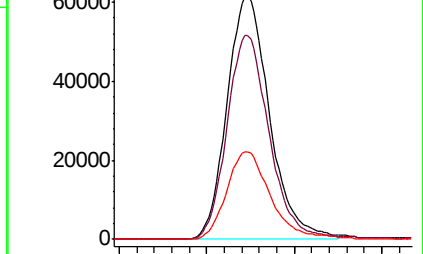
51 37.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059936.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059936.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059936.D (-893) (-)



#16

Acetone

Concen: 269.129 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059936.D

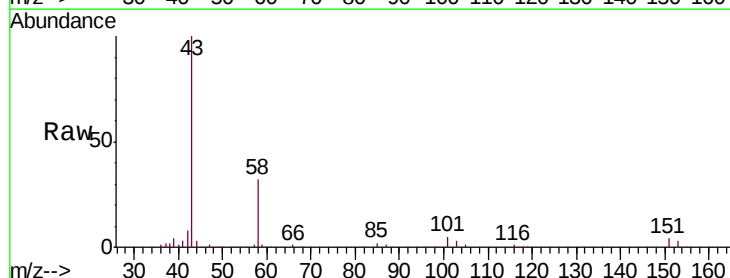
Acq: 30 Jan 2020 18:01

Tgt Ion: 43 Resp: 186764

Ion Ratio Lower Upper

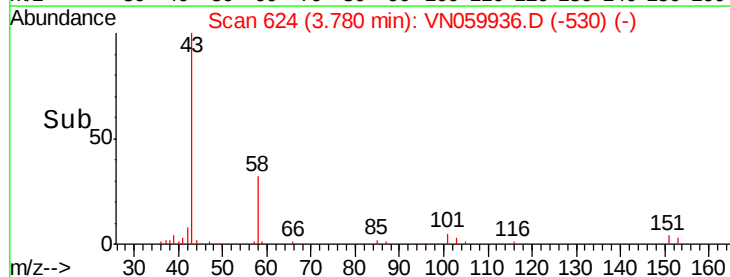
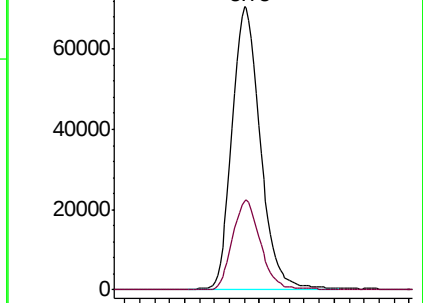
43 100

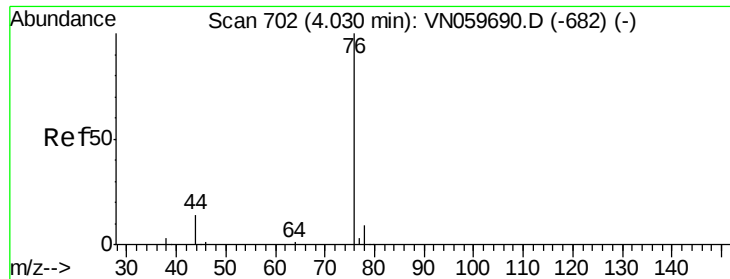
58 31.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059936.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059936.D (-530) (-)

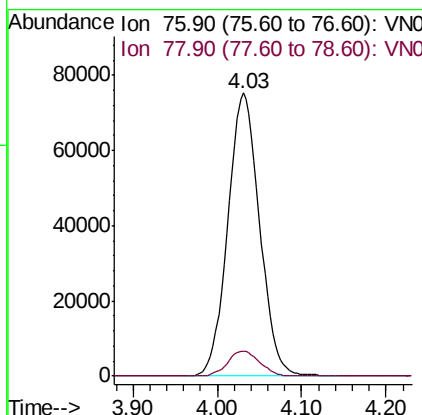
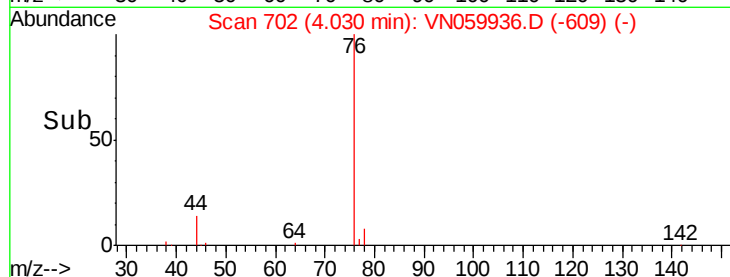
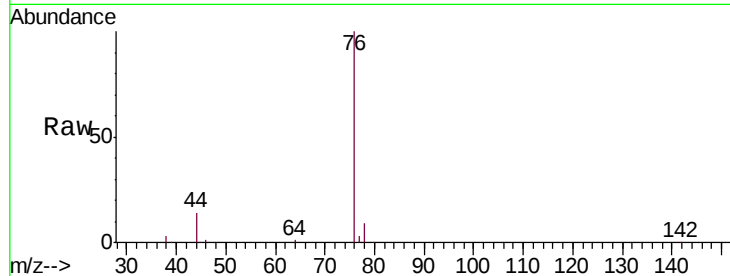




#17
Carbon Disulfide
Concen: 41.175 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

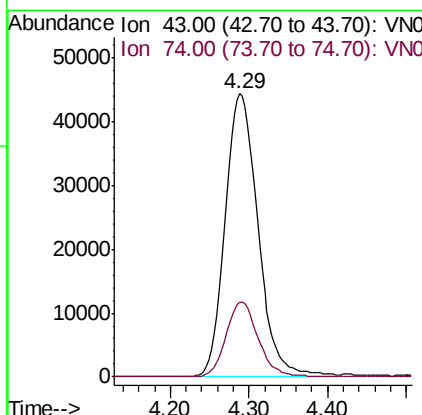
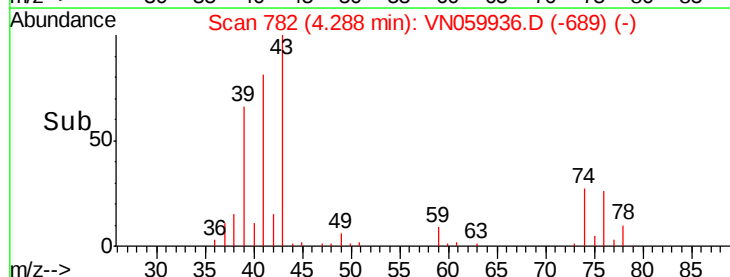
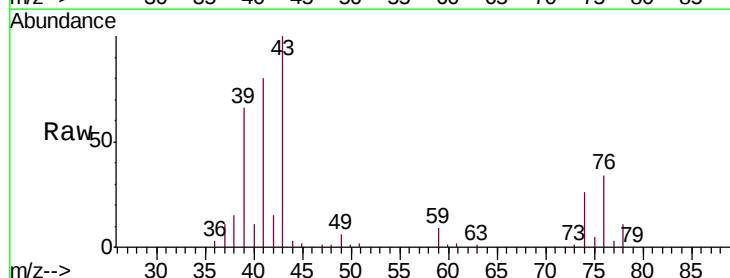
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 197172
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 54.146 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 43 Resp: 129051
Ion Ratio Lower Upper
43 100
74 25.7 17.5 26.3

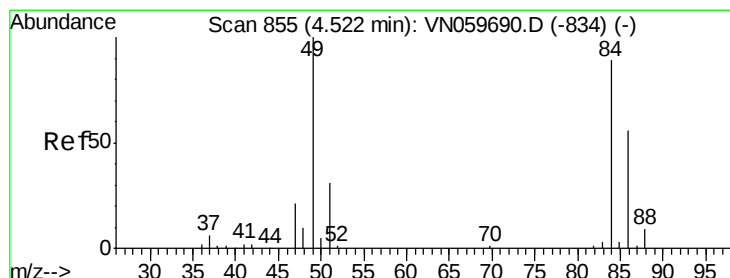
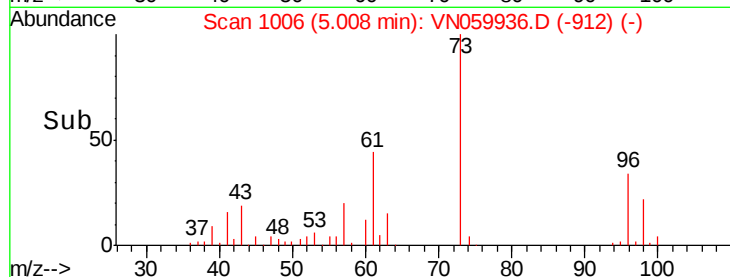
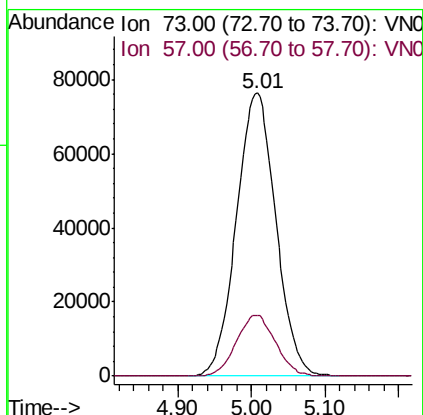
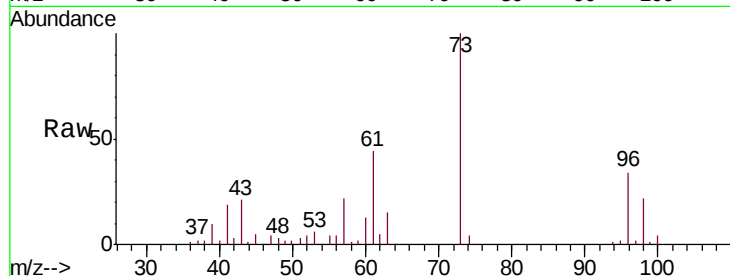




#19
Methyl tert-butyl Ether
Concen: 51.855 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

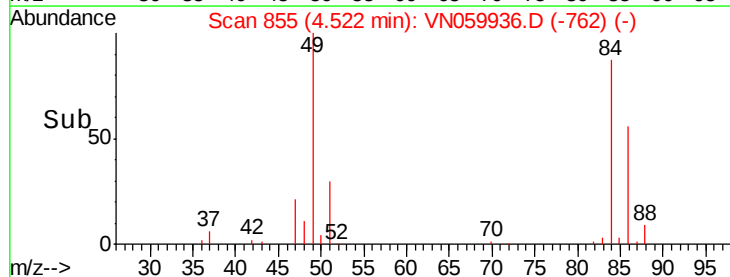
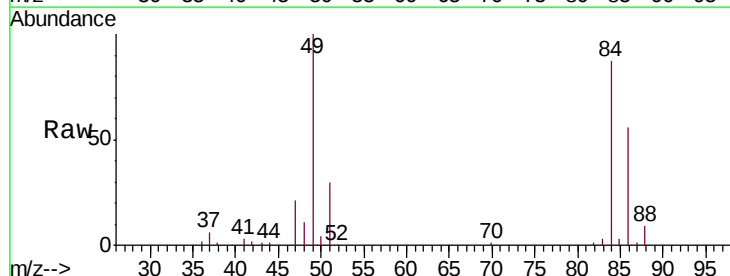
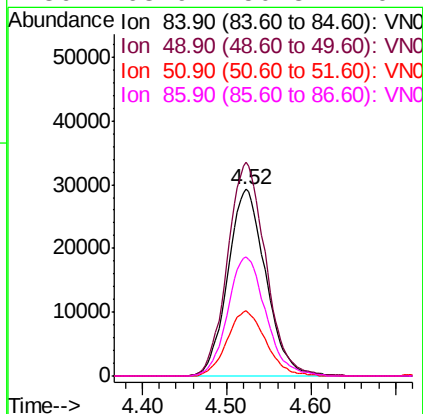
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

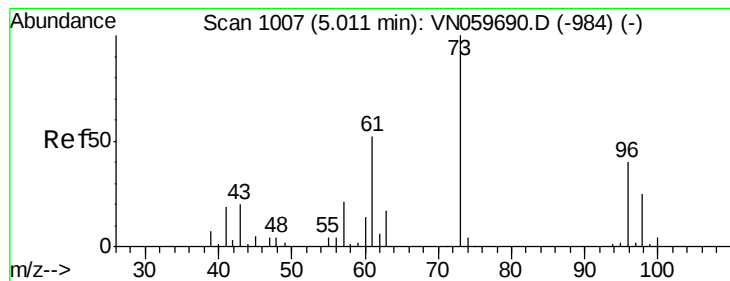
Tgt Ion: 73 Resp: 284207
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 49.655 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 84 Resp: 91682
Ion Ratio Lower Upper
84 100
49 114.5 106.6 160.0
51 34.9 31.9 47.9
86 63.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.037 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

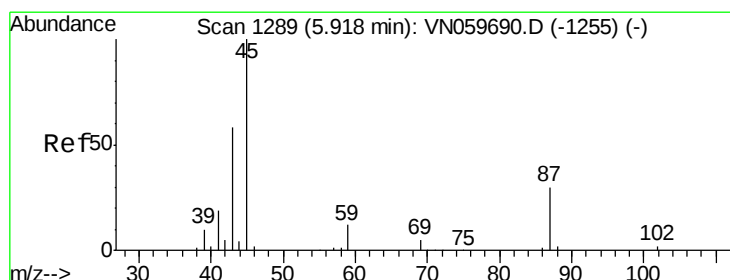
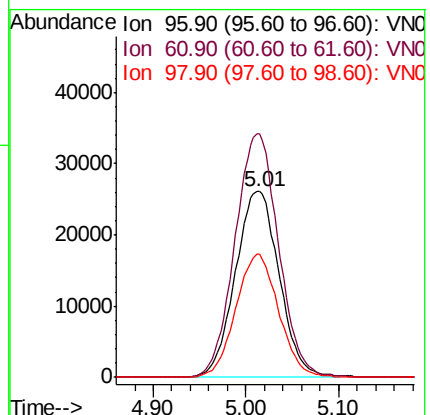
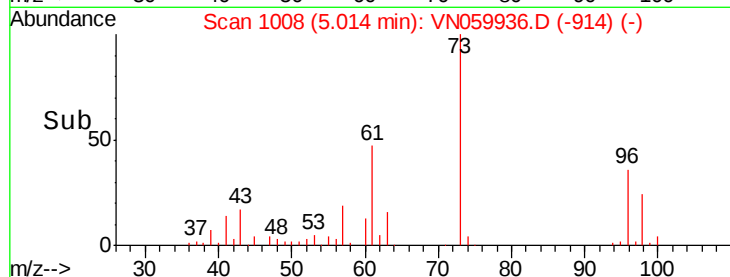
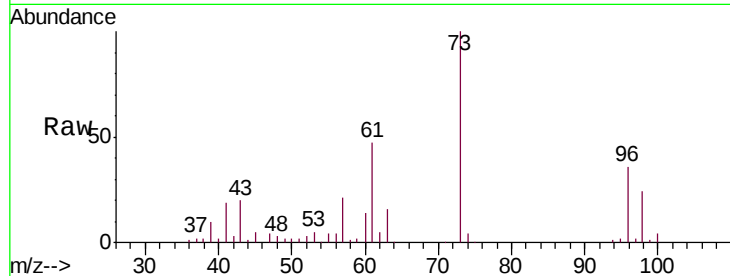
Tgt Ion: 96 Resp: 85836

Ion Ratio Lower Upper

96 100

61 130.9 120.4 180.6

98 66.4 50.6 75.8



#22

Diisopropyl ether

Concen: 51.676 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Tgt Ion: 45 Resp: 265339

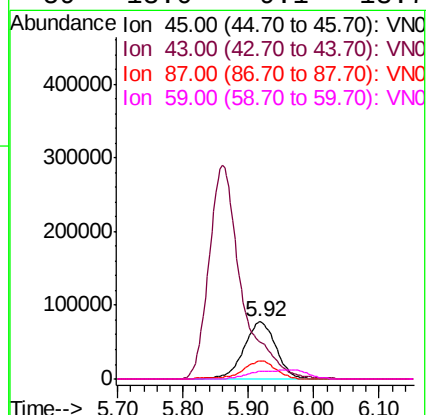
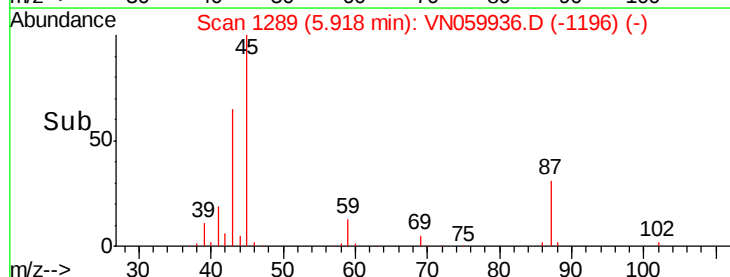
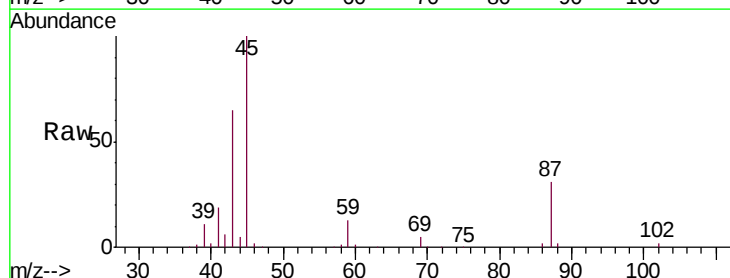
Ion Ratio Lower Upper

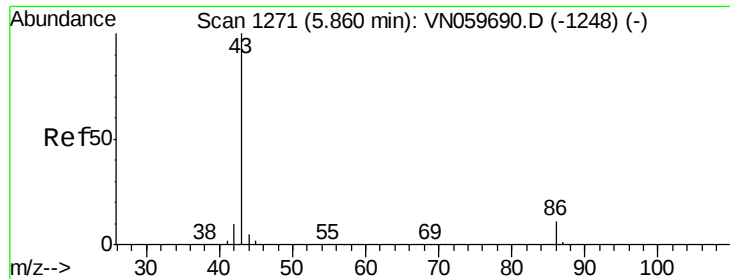
45 100

43 63.6 50.8 76.2

87 30.9 21.0 31.6

59 13.0 9.1 13.7

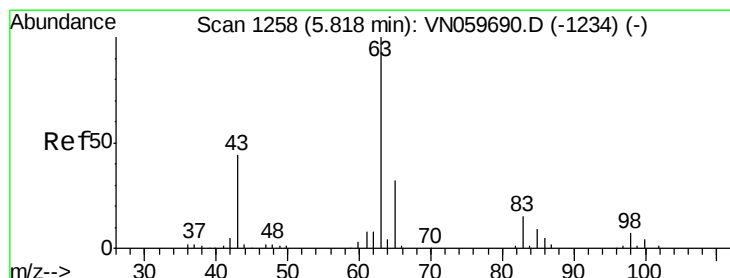
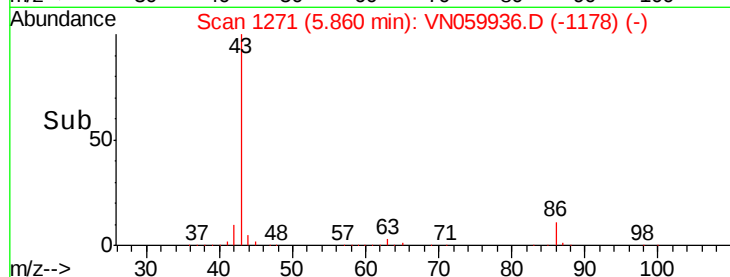
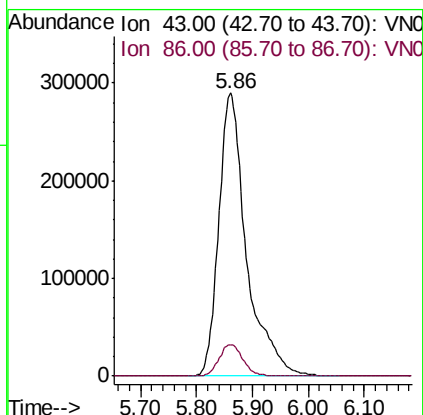
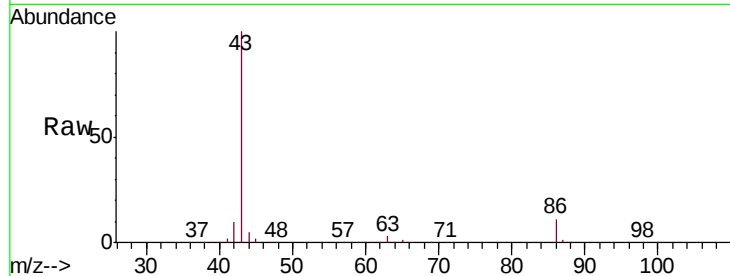




#23
 Vinyl Acetate
 Concen: 252.164 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

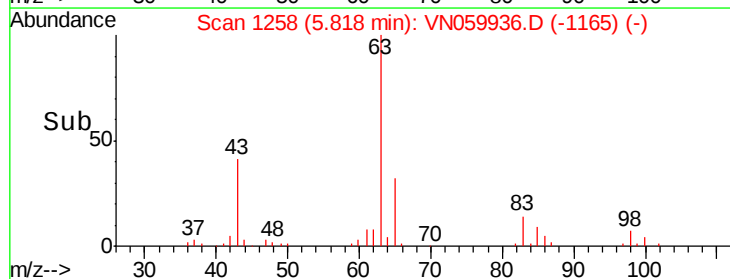
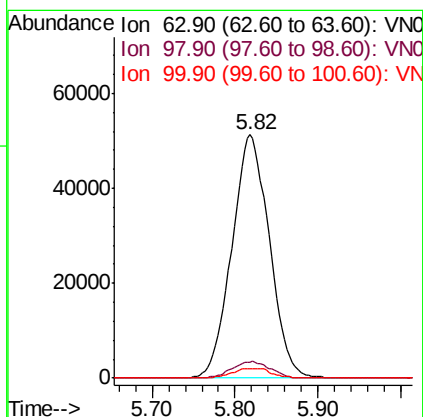
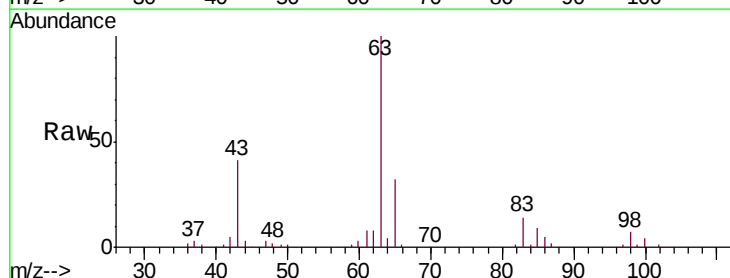
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

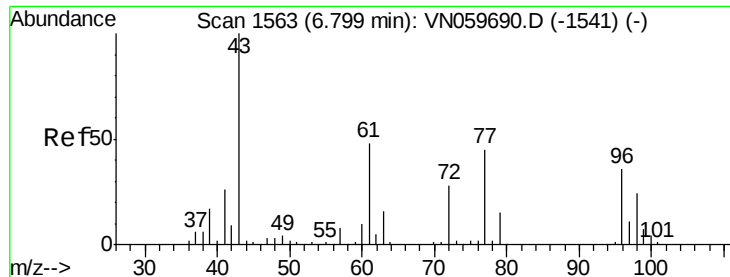
Tgt Ion: 43 Resp: 1002478
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.420 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 63 Resp: 161327
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.7
 100 4.1 2.0 6.0

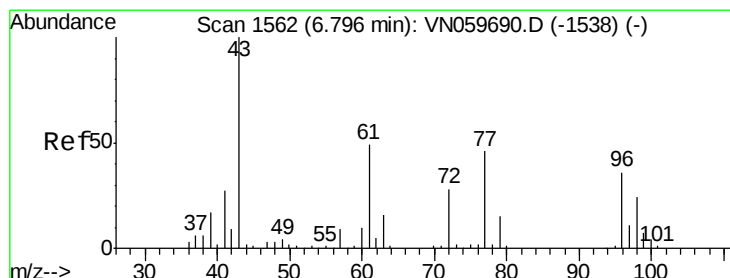
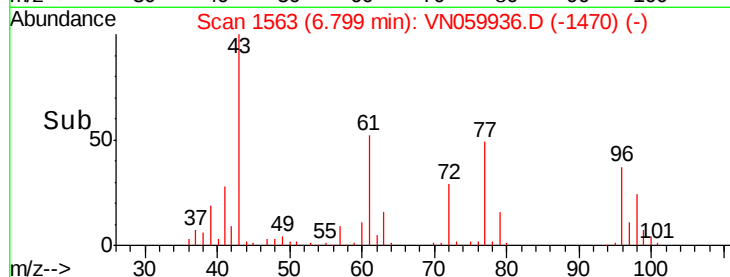
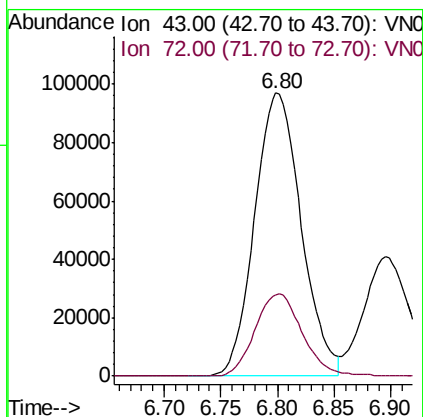
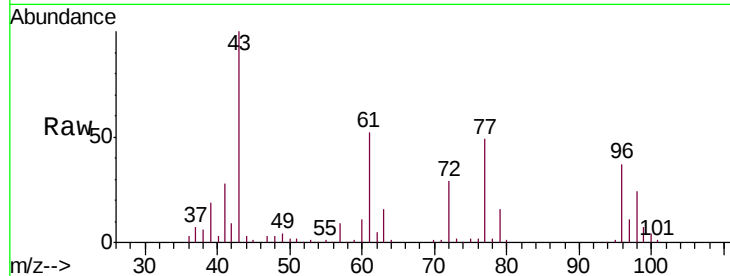




#25
2-Butanone
Concen: 239.836 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

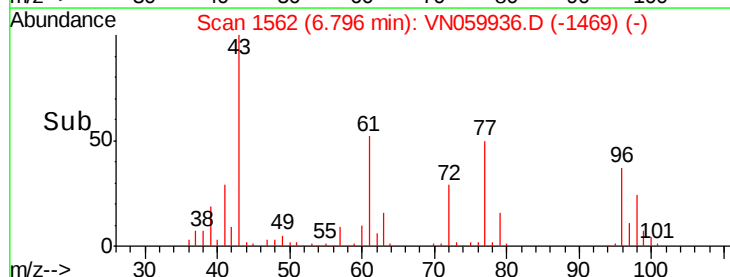
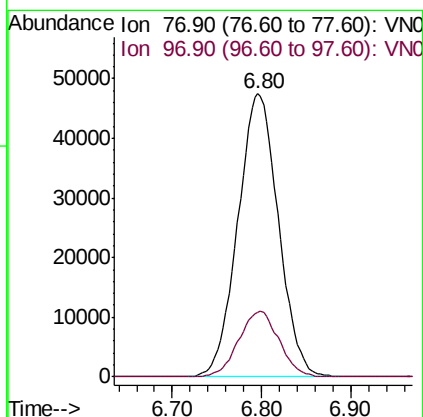
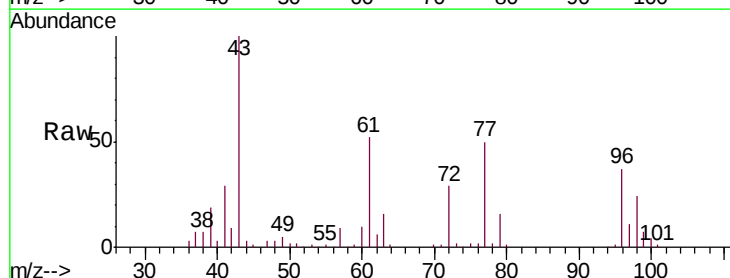
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

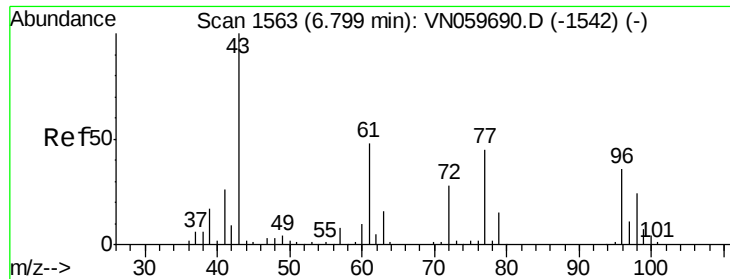
Tgt Ion: 43 Resp: 277128
Ion Ratio Lower Upper
43 100
72 28.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 49.734 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 77 Resp: 150011
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.651 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

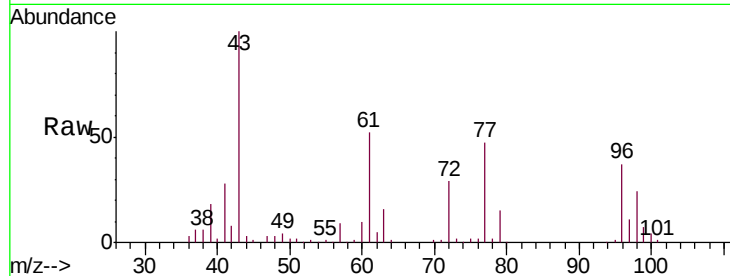
Tgt Ion: 96 Resp: 104099

Ion Ratio Lower Upper

96 100

61 140.4 0.0 317.6

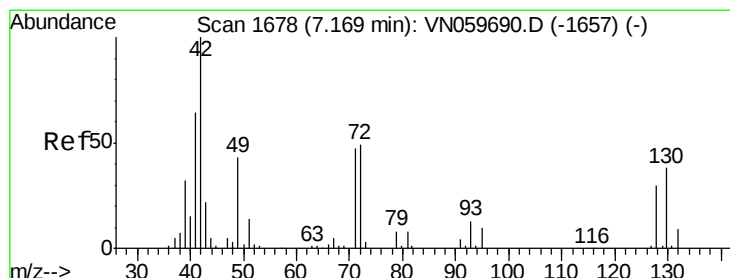
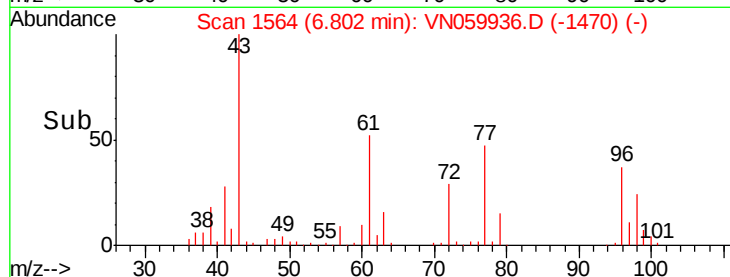
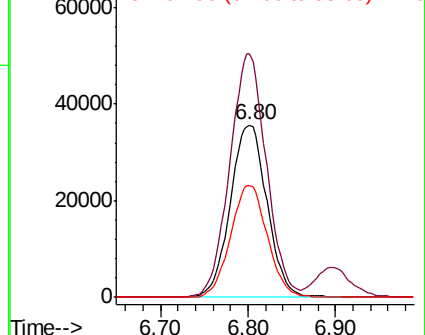
98 65.0 0.0 127.0



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: 49.744 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

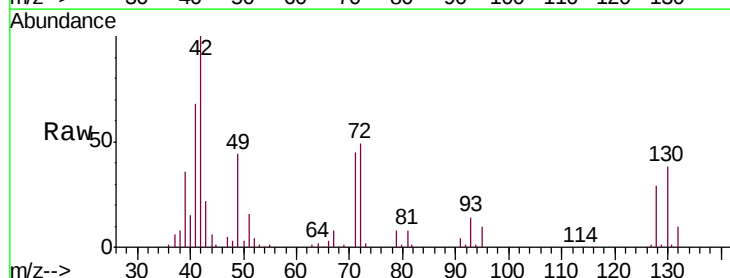
Tgt Ion: 49 Resp: 62378

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.4

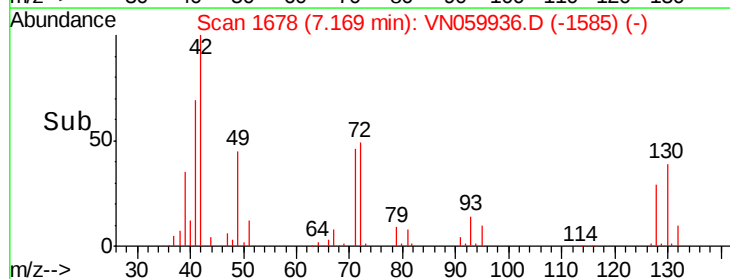
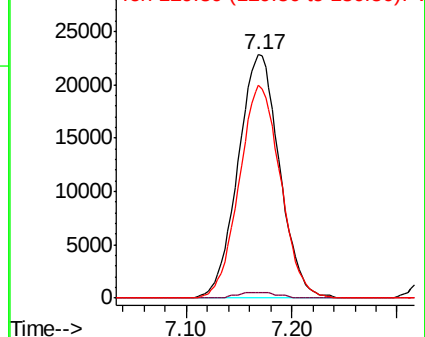
130 87.2 54.7 82.1#

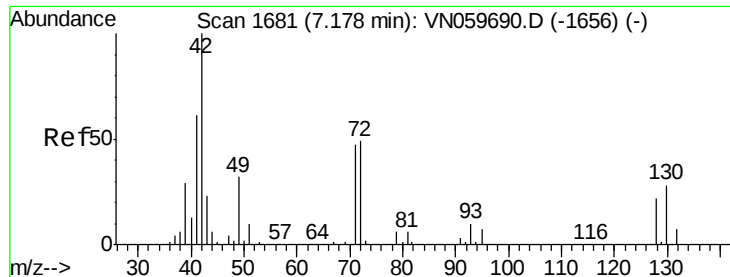


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

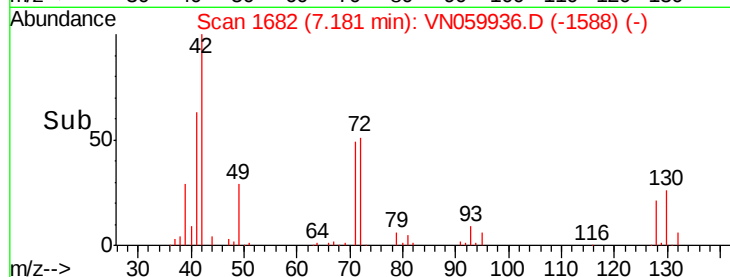
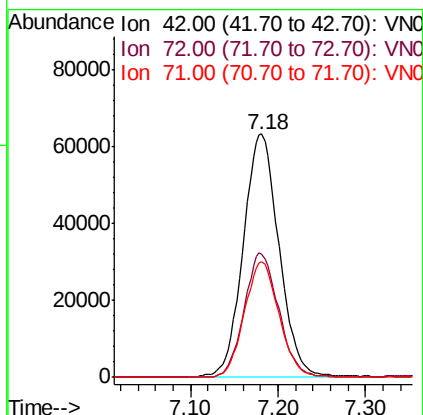
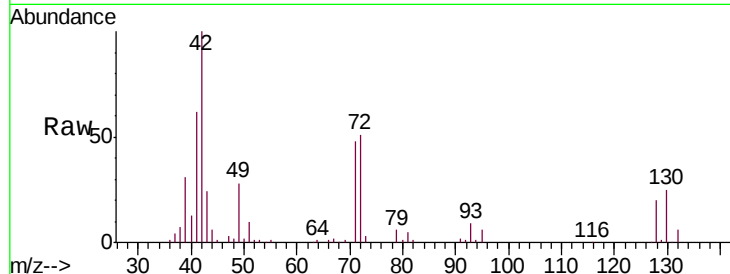




#29
Tetrahydrofuran
Concen: 251.267 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

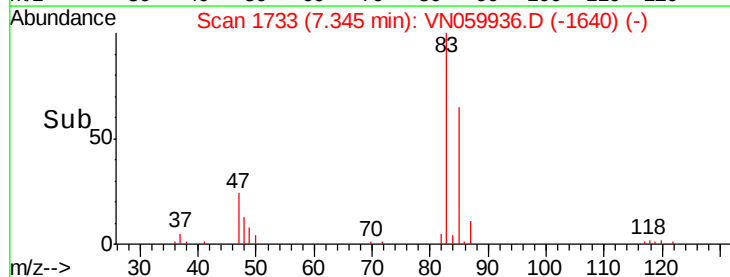
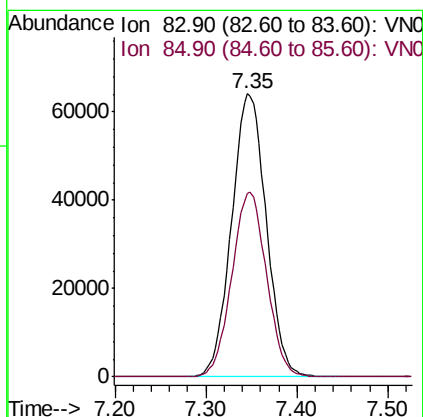
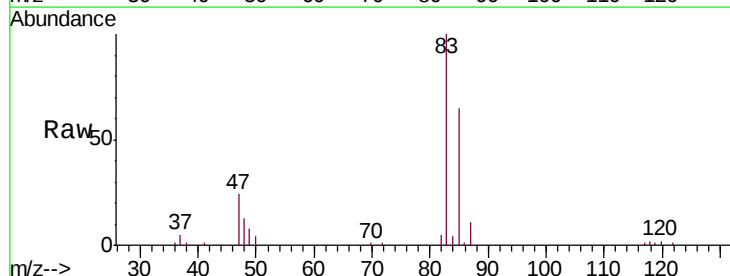
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

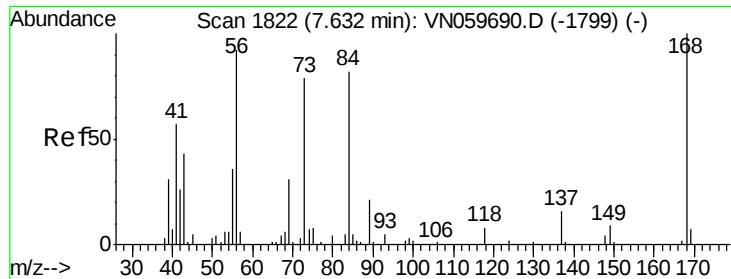
Tgt Ion: 42 Resp: 179637
Ion Ratio Lower Upper
42 100
72 49.3 33.1 49.7
71 46.2 31.4 47.0



#30
Chloroform
Concen: 52.171 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 83 Resp: 169594
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6

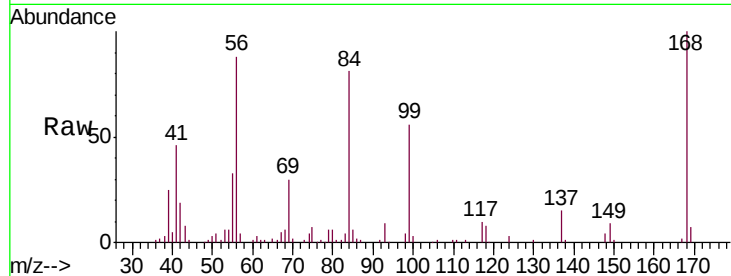




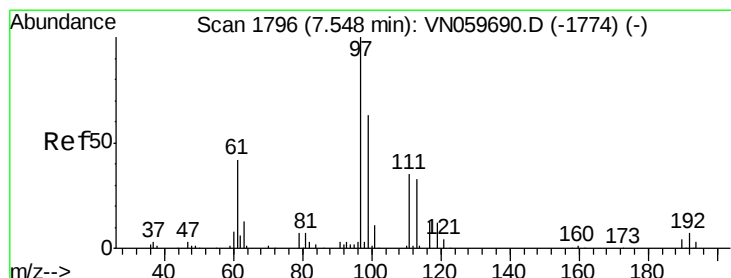
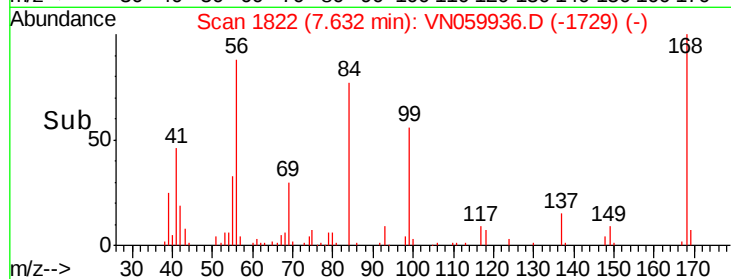
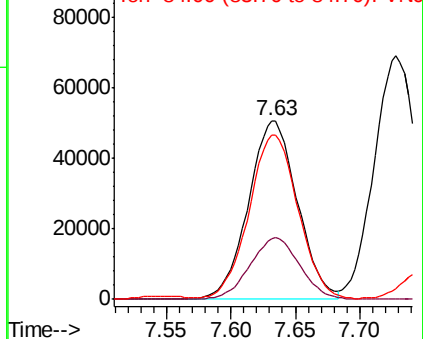
#31
Cyclohexane
Concen: 44.380 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 133981
Ion Ratio Lower Upper
56 100
69 34.0 26.5 39.7
84 90.9 65.3 97.9

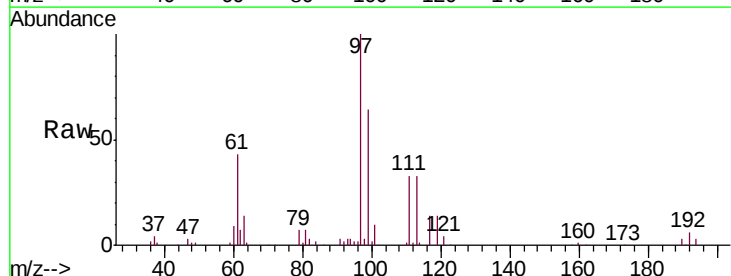


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

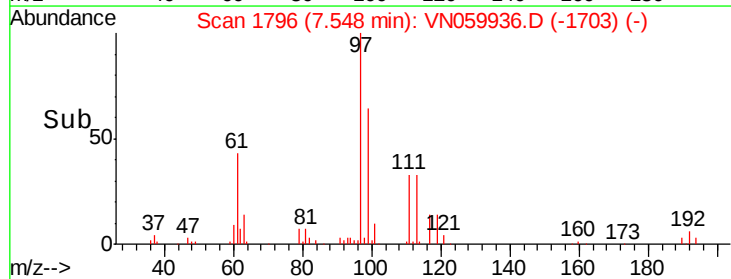
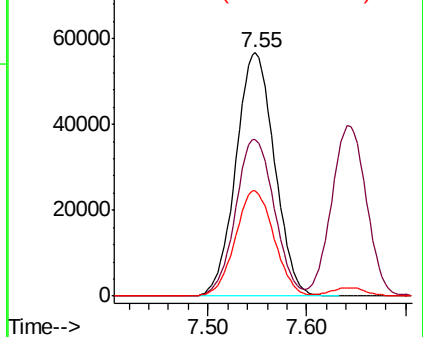


#32
1,1,1-Trichloroethane
Concen: 51.152 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 97 Resp: 153746
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 43.6 38.5 57.7



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





#33

1,2-Dichloroethane-d4

Concen: 52.309 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

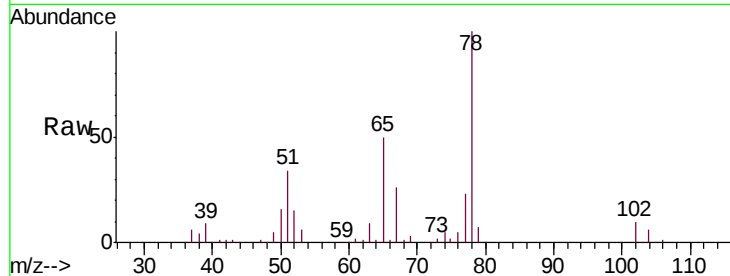
VSTDCCC050EC

Tgt Ion: 65 Resp: 106733

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059936.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059936.D (-1920) (-)

8.00

50000

40000

30000

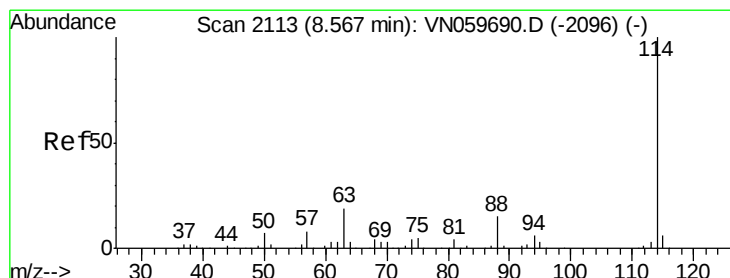
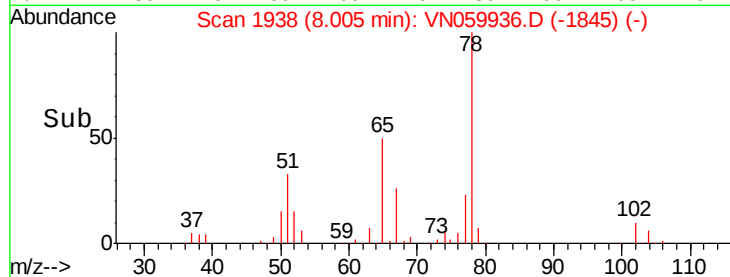
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

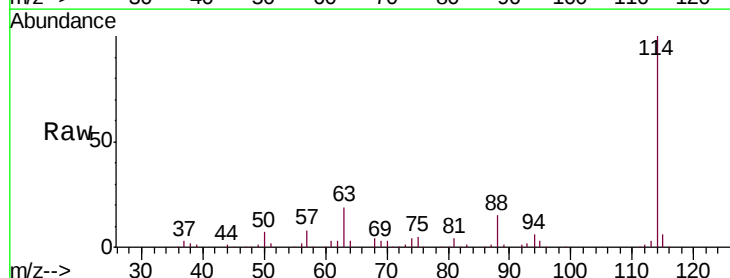
Tgt Ion: 114 Resp: 292022

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

88 14.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN059936.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN059936.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN059936.D (-2096) (-)

8.57

150000

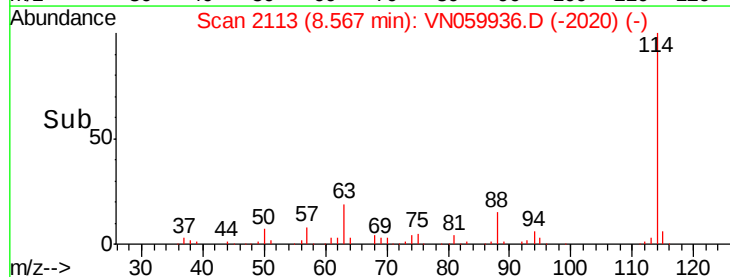
100000

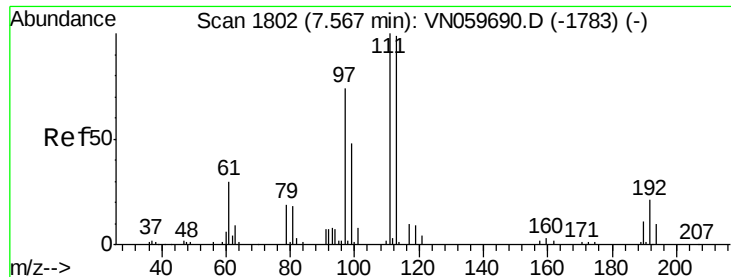
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

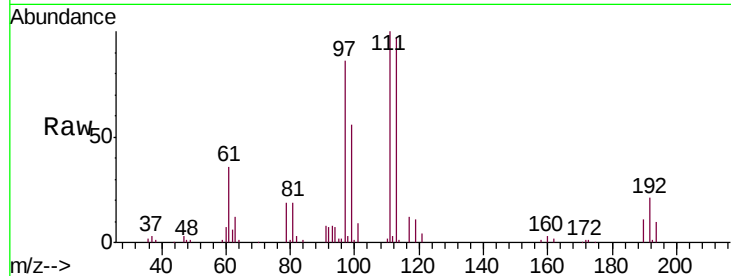




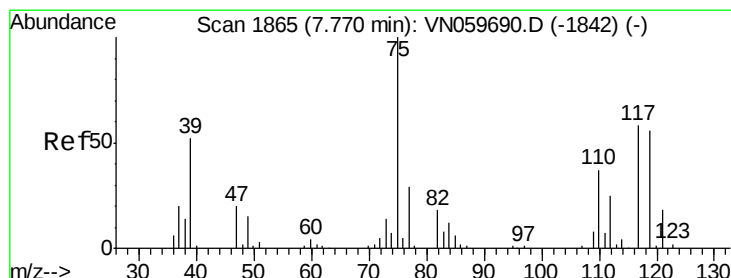
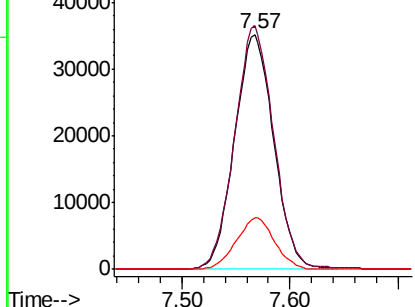
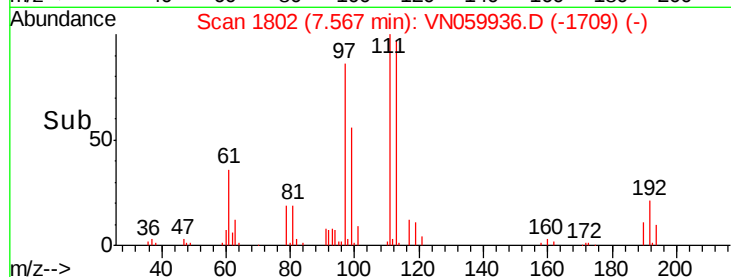
#35
 Dibromofluoromethane
 Concen: 51.014 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 88838
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.5 125.3
 192 21.3 15.4 23.2

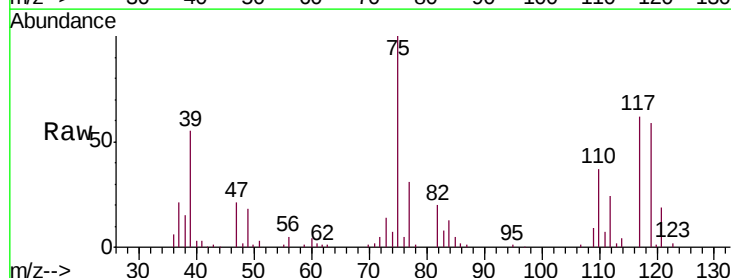


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

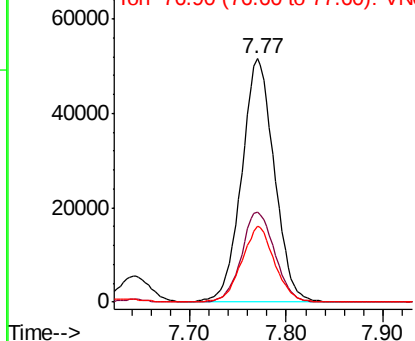
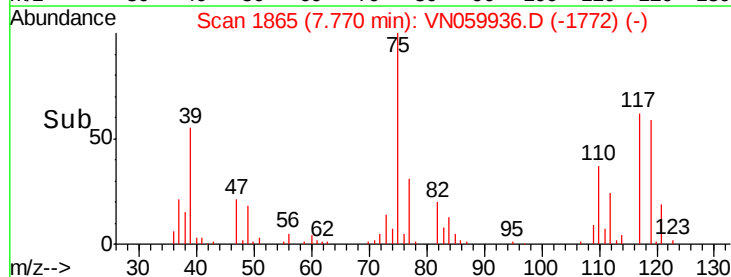


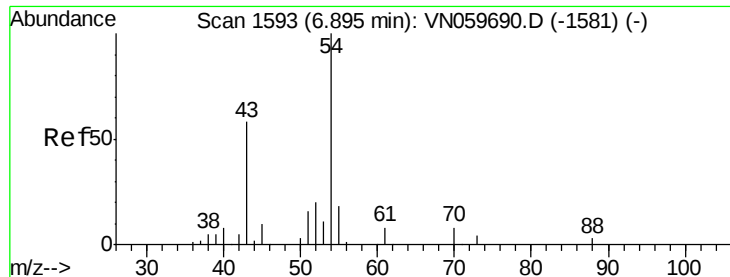
#36
 1,1-Dichloropropene
 Concen: 47.543 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 75 Resp: 120903
 Ion Ratio Lower Upper
 75 100
 110 37.5 16.6 49.7
 77 31.3 25.1 37.7



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

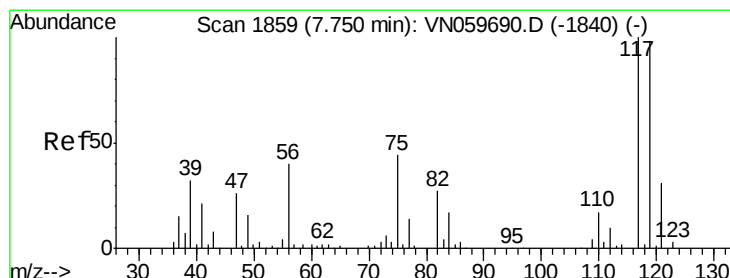
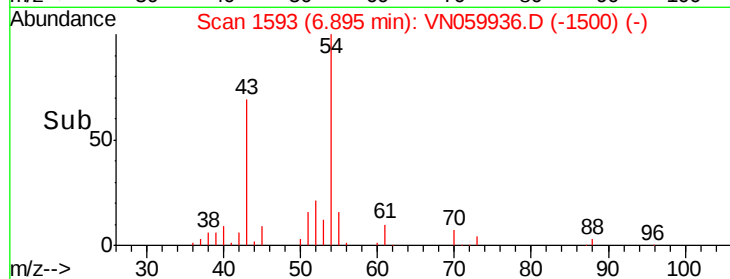
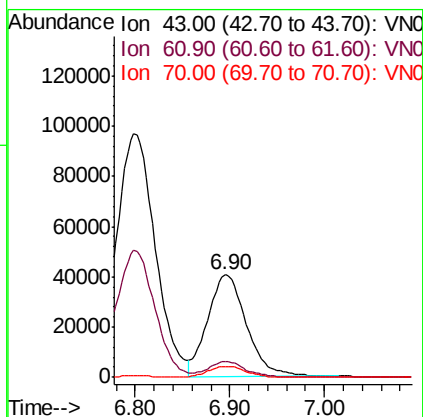
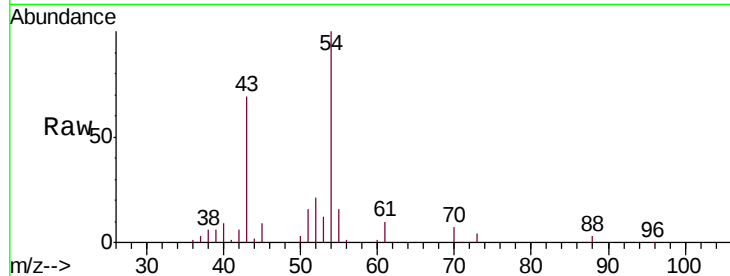




#37
Ethyl Acetate
Concen: 48.740 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

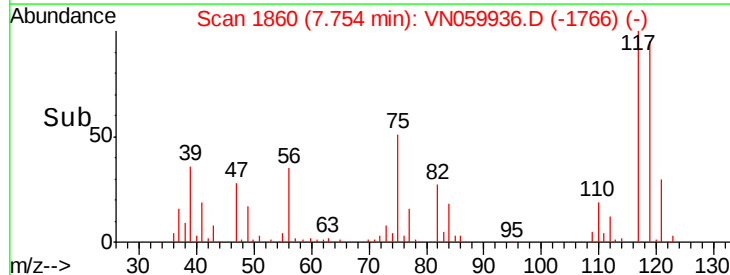
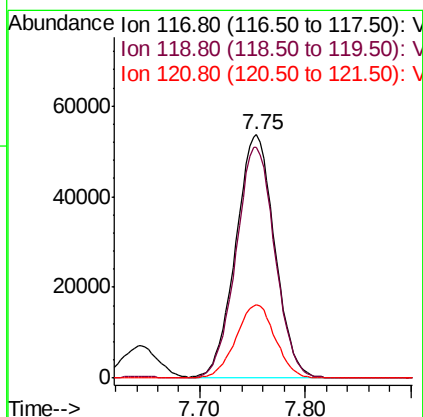
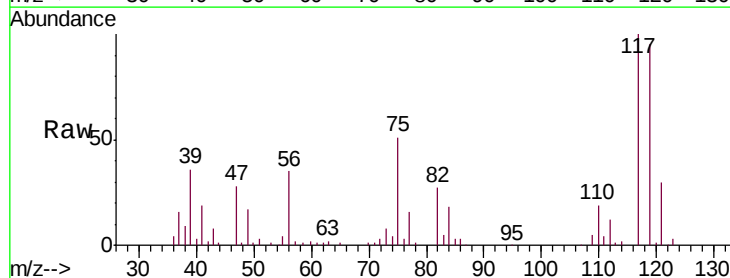
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

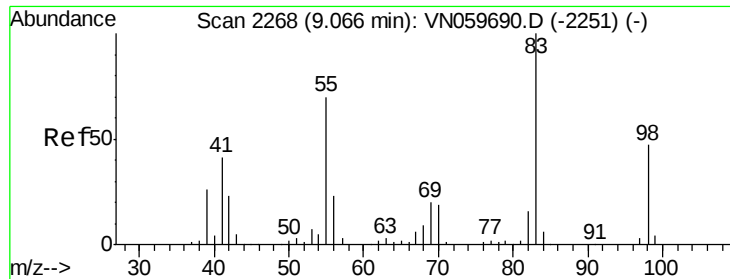
Tgt Ion: 43 Resp: 116252
Ion Ratio Lower Upper
43 100
61 15.4 10.9 16.3
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.810 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 117 Resp: 137788
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7
121 30.4 25.1 37.7

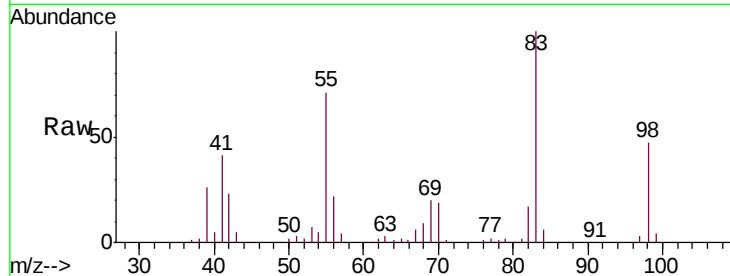




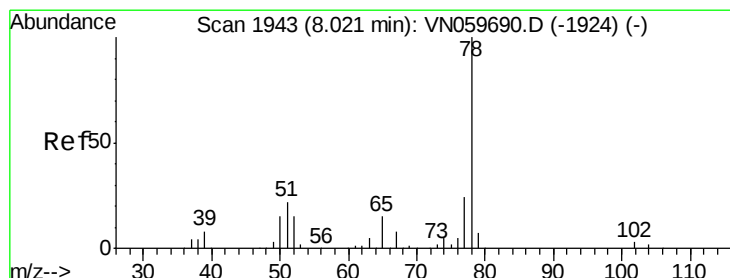
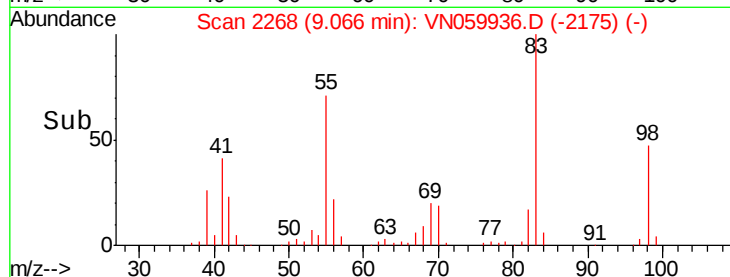
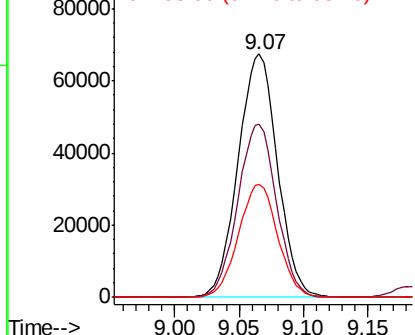
#39
Methylcyclohexane
Concen: 45.782 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 143555
Ion Ratio Lower Upper
83 100
55 71.2 64.2 96.2
98 46.6 35.9 53.9

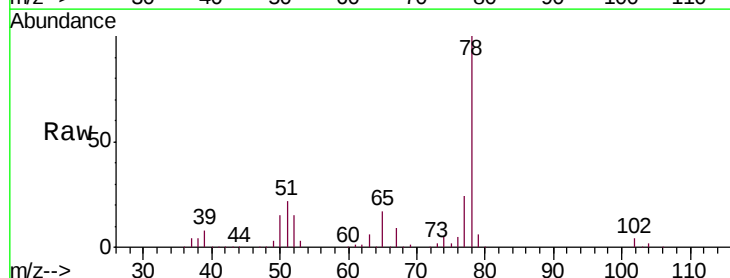


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

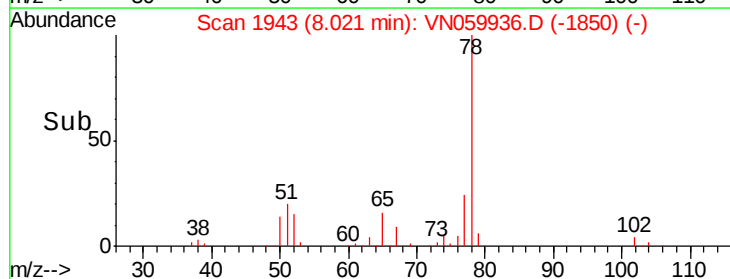
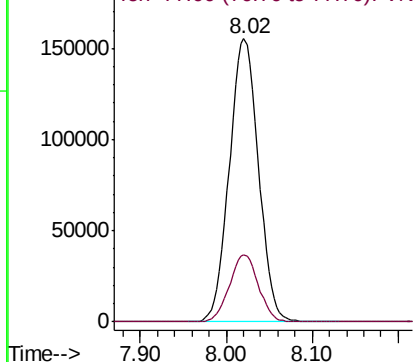


#40
Benzene
Concen: 48.246 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 78 Resp: 365909
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

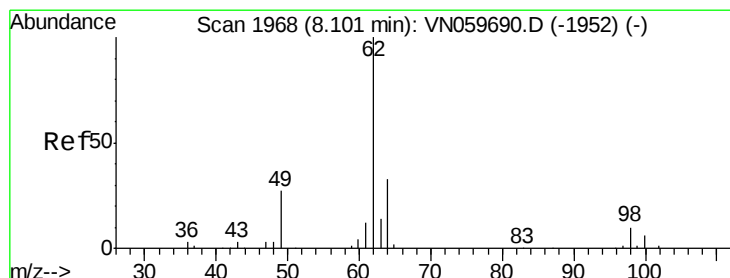
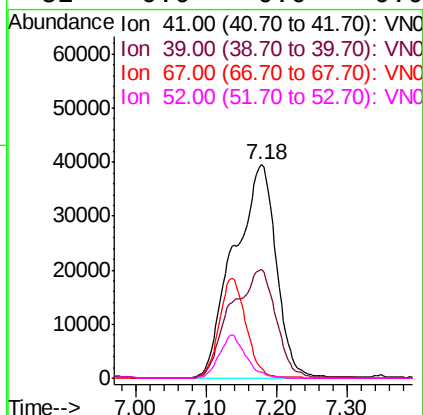
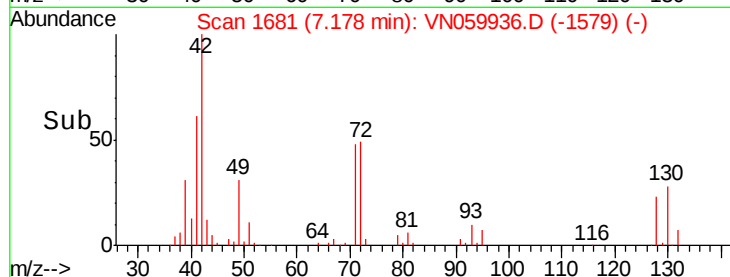
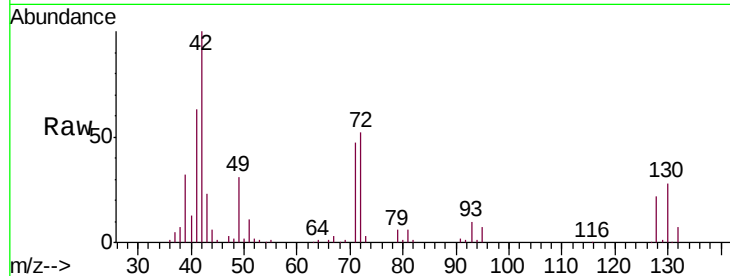




#41
Methacrylonitrile
Concen: 141.322 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

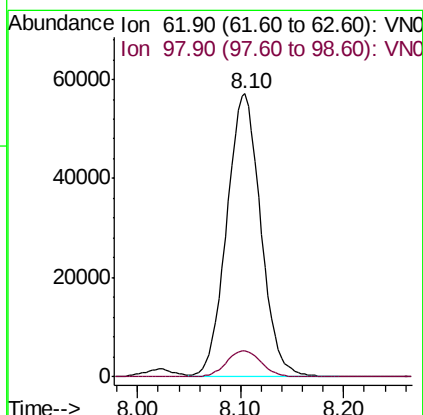
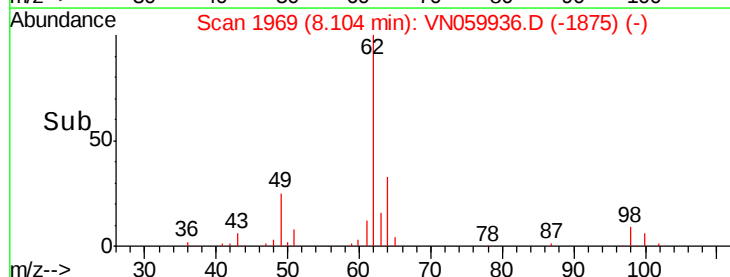
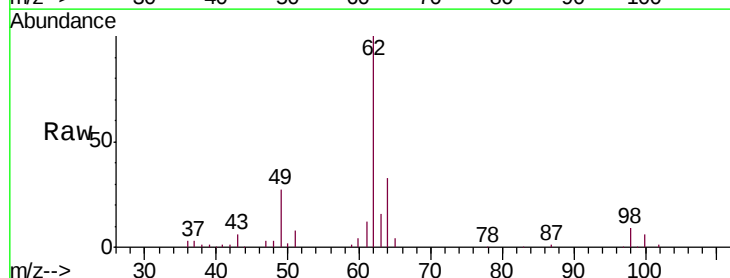
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

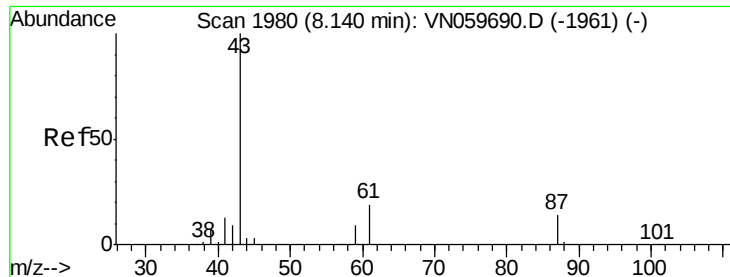
Tgt Ion: 41 Resp: 166028
Ion Ratio Lower Upper
41 100
39 54.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.118 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 62 Resp: 131447
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 49.227 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

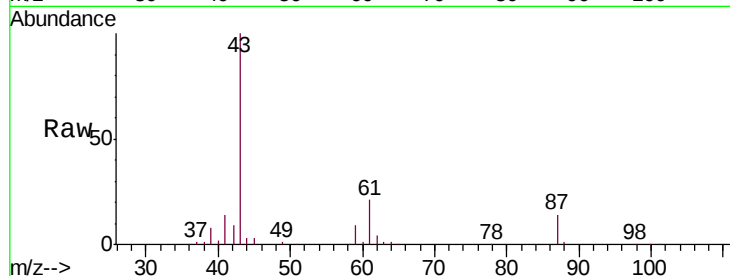
Tgt Ion: 43 Resp: 201954

Ion Ratio Lower Upper

43 100

61 27.3 20.2 30.2

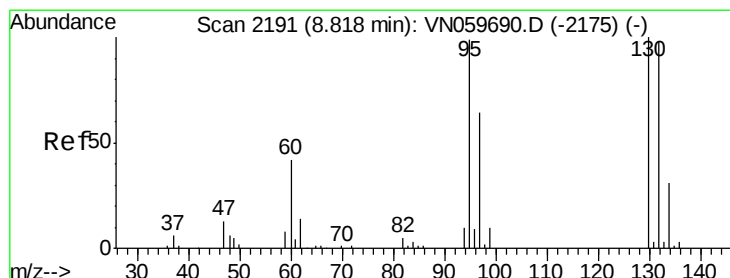
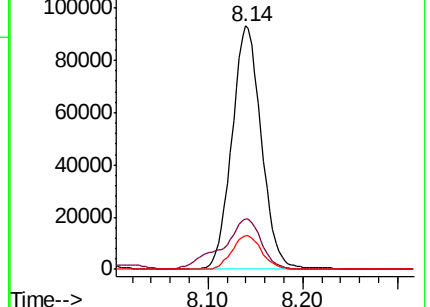
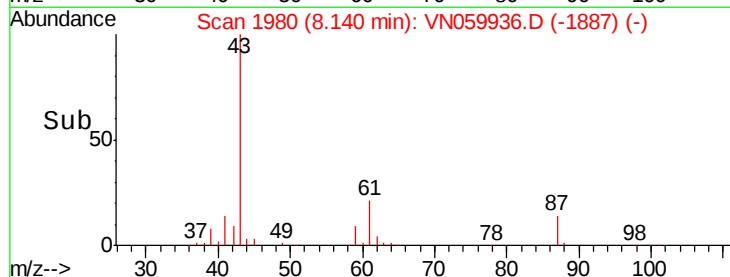
87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059936.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059936.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059936.D (-1887) (-)



#44

Trichloroethene

Concen: 48.805 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059936.D

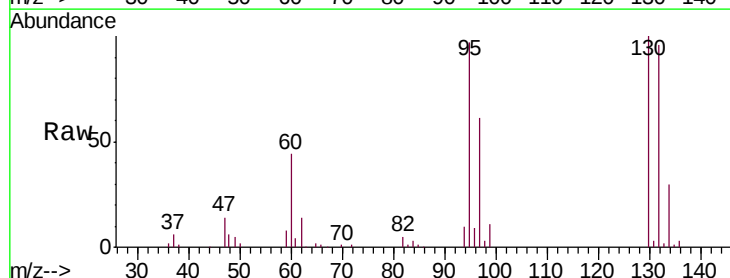
Acq: 30 Jan 2020 18:01

Tgt Ion: 130 Resp: 101047

Ion Ratio Lower Upper

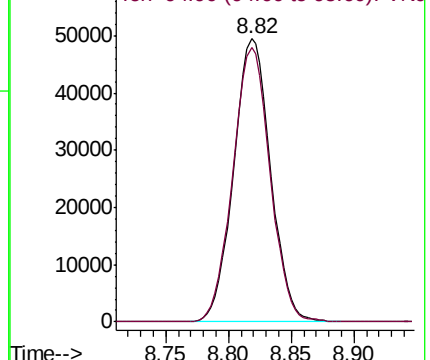
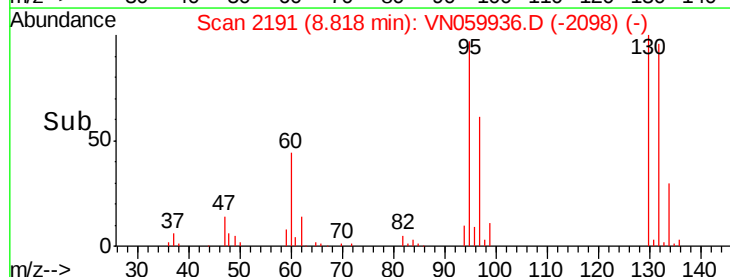
130 100

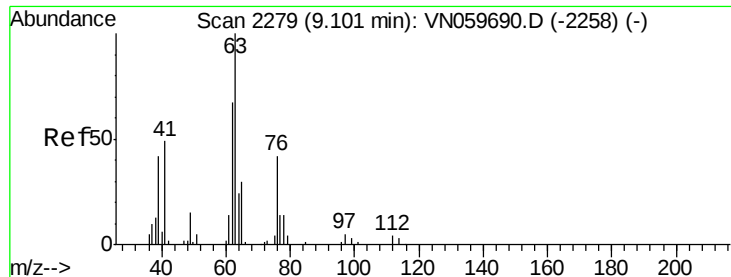
95 96.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059936.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059936.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 50.323 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

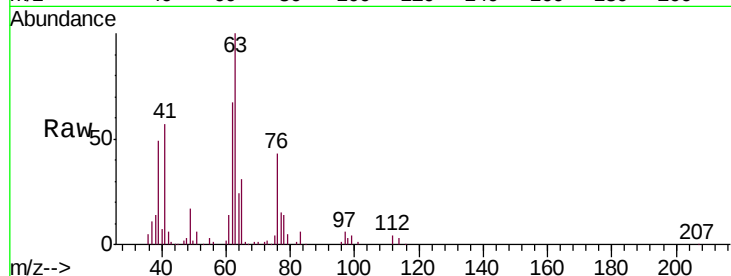
VSTDCCC050EC

Tgt Ion: 63 Resp: 94443

Ion Ratio Lower Upper

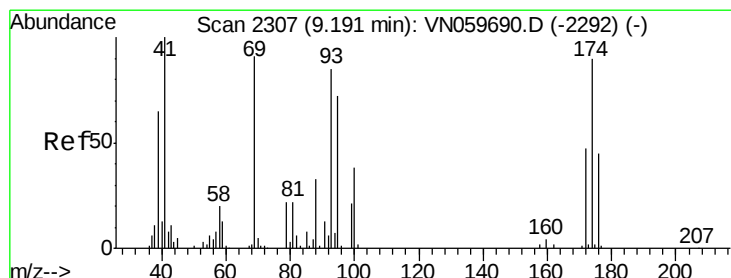
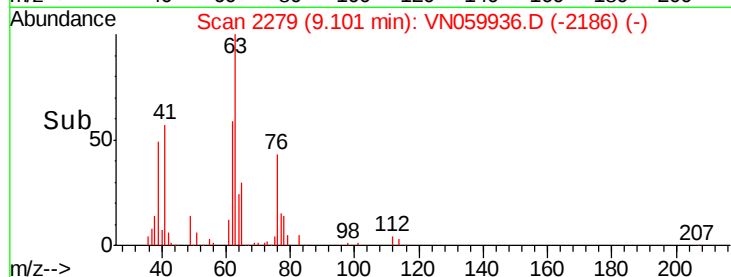
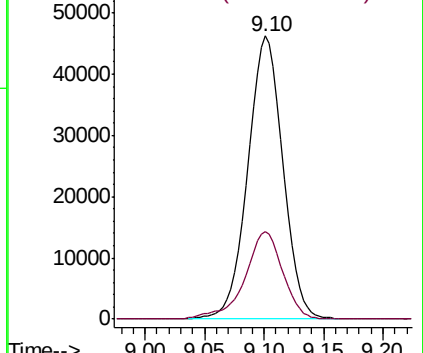
63 100

65 31.1 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 50.915 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

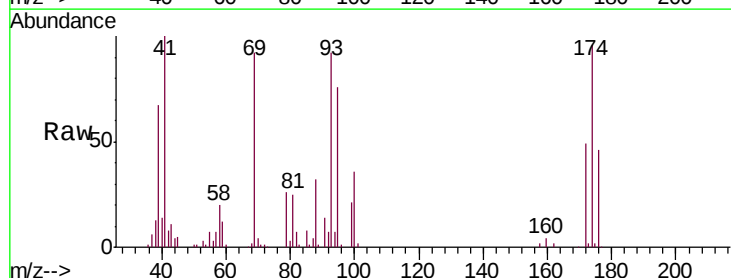
Tgt Ion: 93 Resp: 67404

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

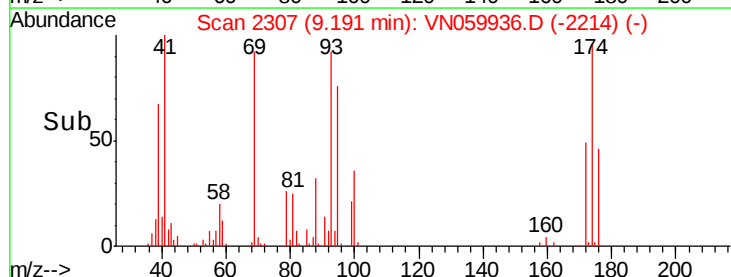
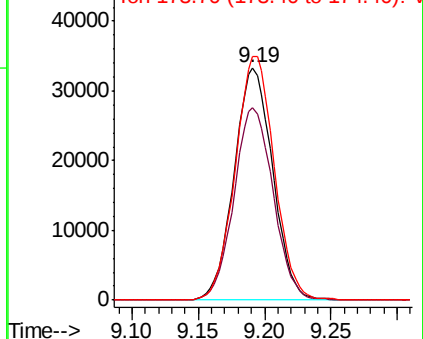
174 106.0 73.4 110.2

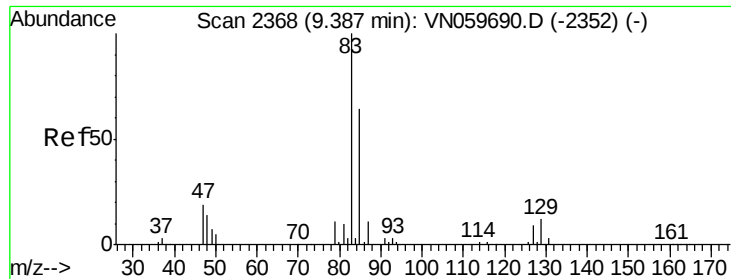


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

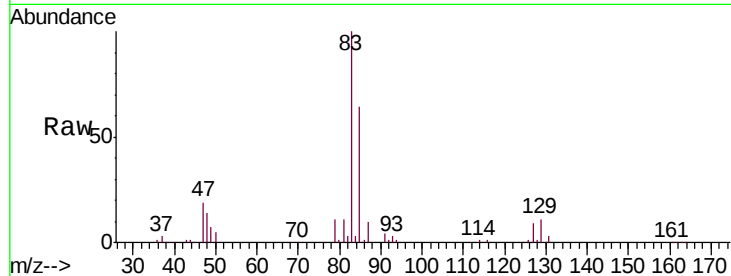




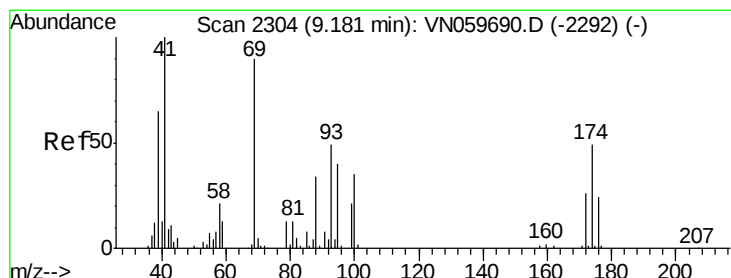
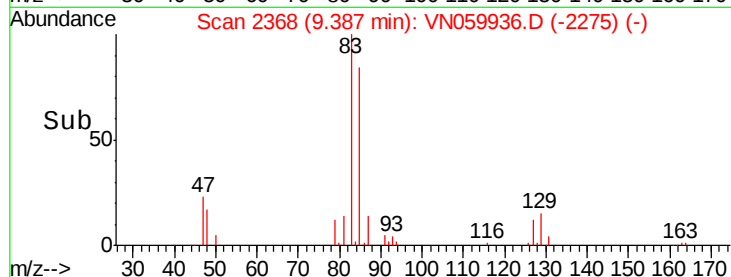
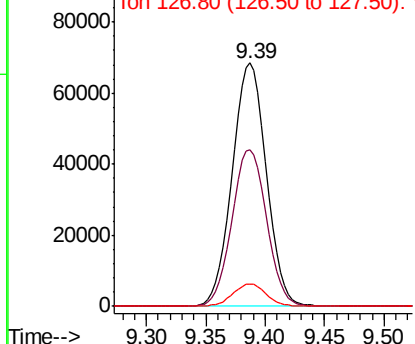
#47
Bromodichloromethane
Concen: 51.126 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 136394
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 9.2 6.6 9.8

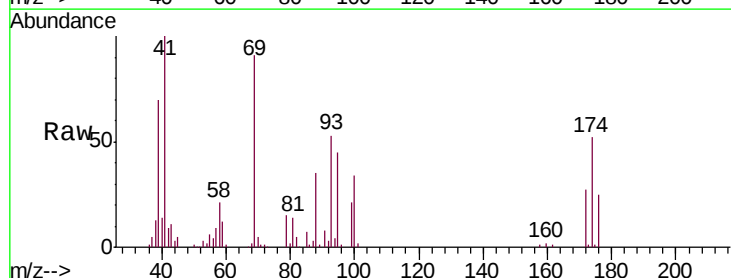


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

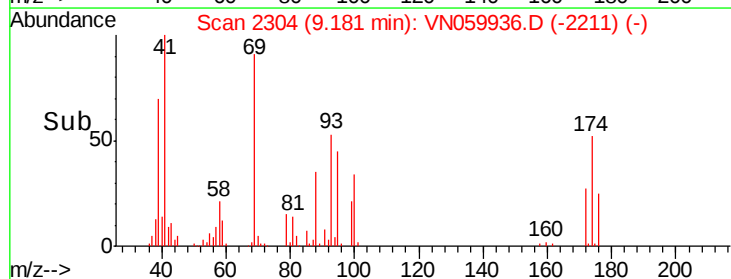
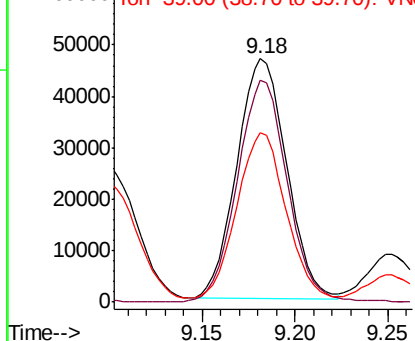


#48
Methyl methacrylate
Concen: 47.639 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 41 Resp: 87421
Ion Ratio Lower Upper
41 100
69 92.9 64.4 96.6
39 71.2 51.3 76.9



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

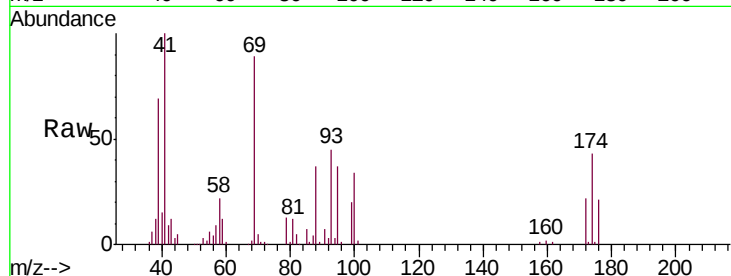




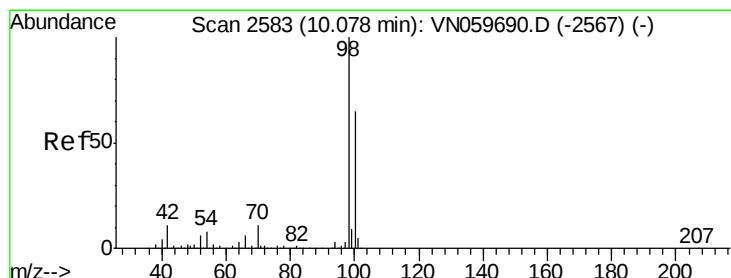
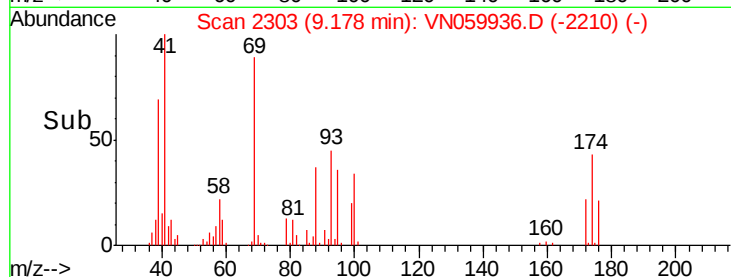
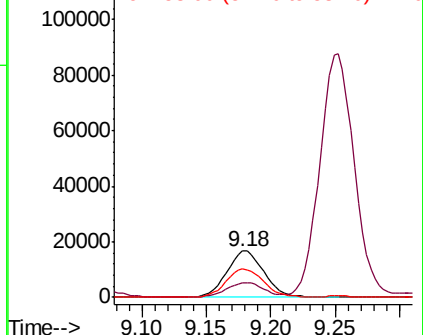
#49
1,4-Dioxane
Concen: 995.942 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 33457
Ion Ratio Lower Upper
88 100
43 30.8 29.7 44.5
58 62.5 56.6 85.0

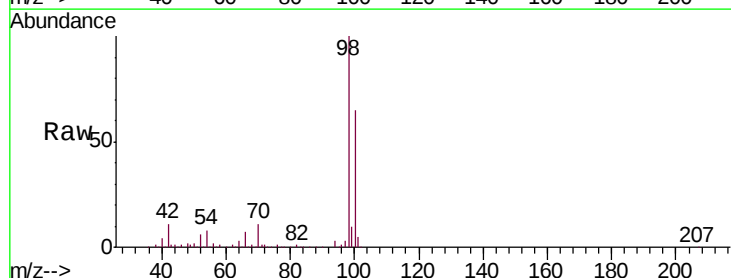


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

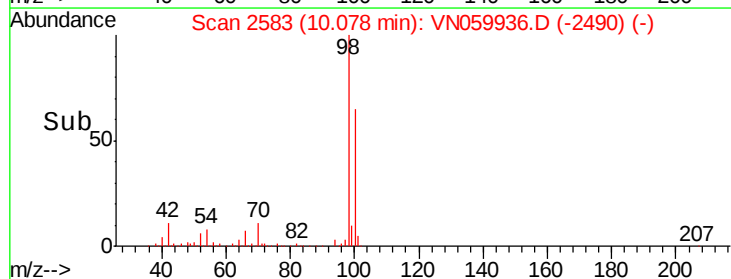
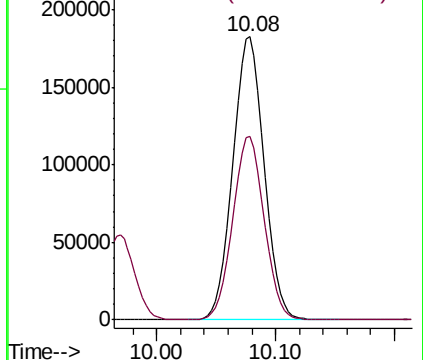


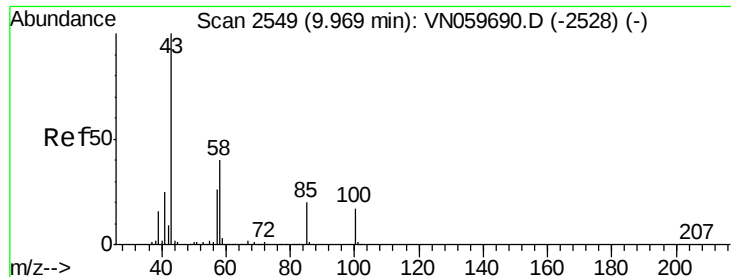
#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 98 Resp: 332340
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



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

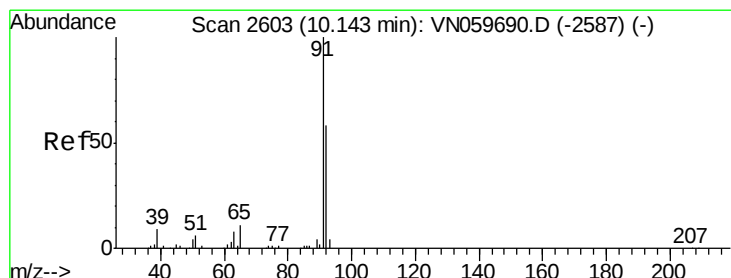
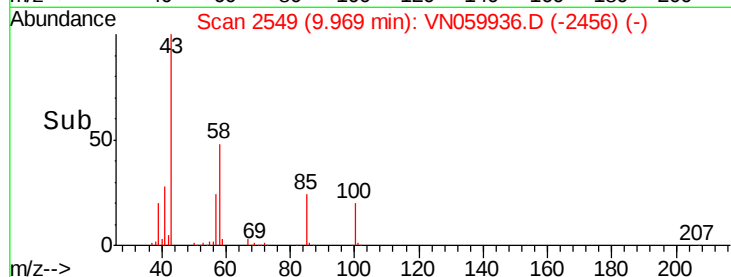
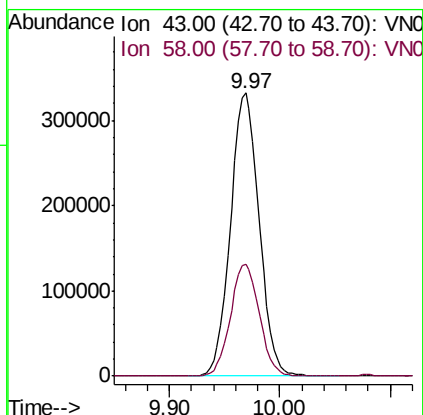
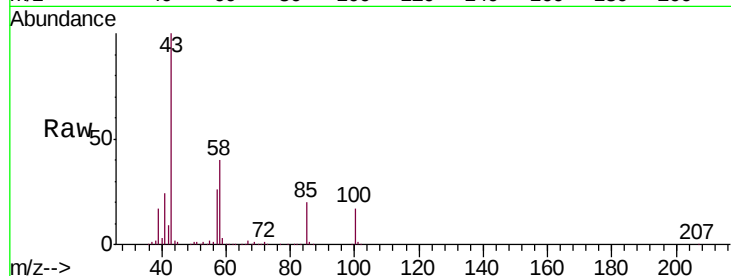




#51
 4-Methyl-2-Pentanone
 Concen: 251.373 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

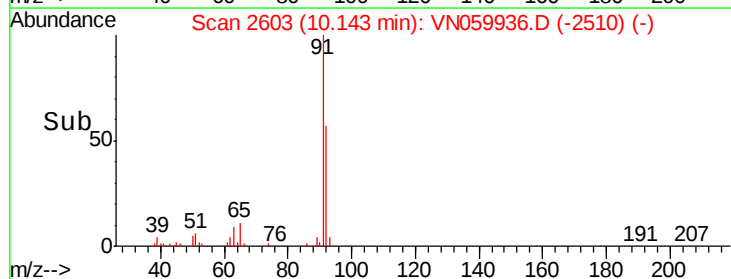
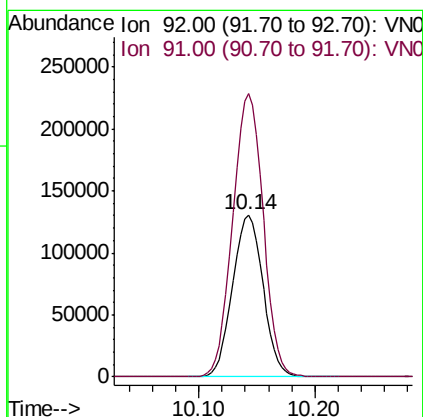
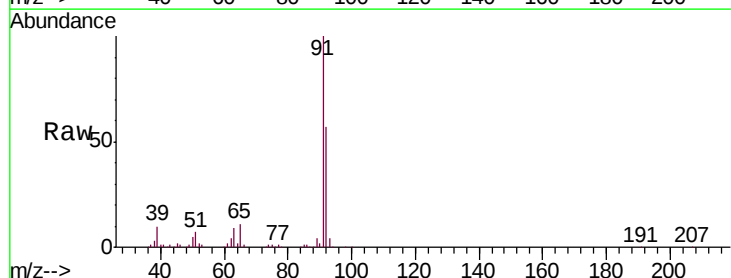
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 596145
 Ion Ratio Lower Upper
 43 100
 58 40.0 29.8 44.8



#52
 Toluene
 Concen: 49.621 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 92 Resp: 237711
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 52.298 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

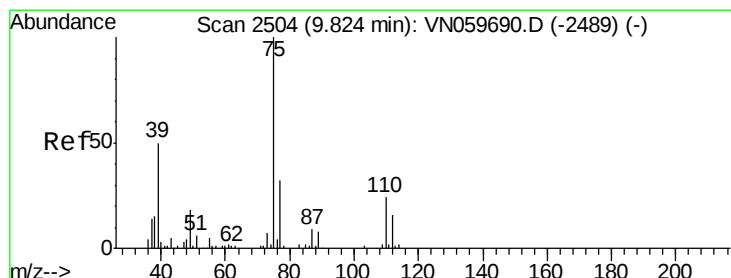
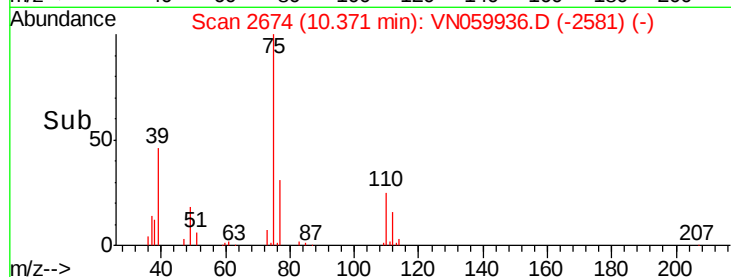
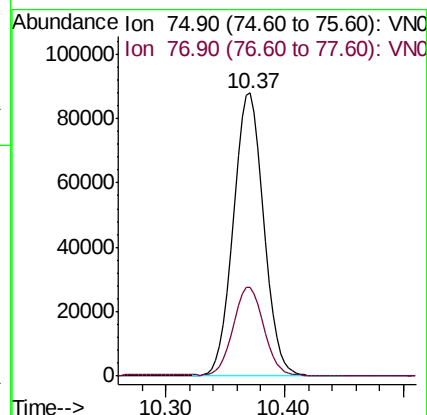
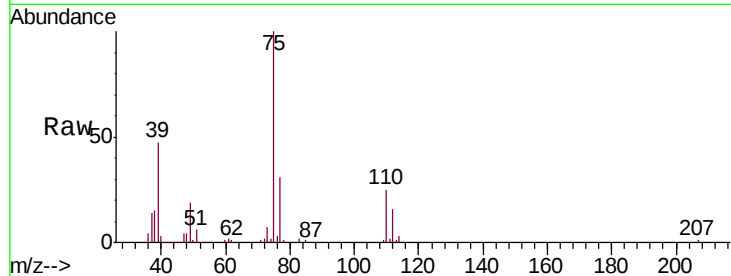
VSTDCCC050EC

Tgt Ion: 75 Resp: 155785

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.320 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

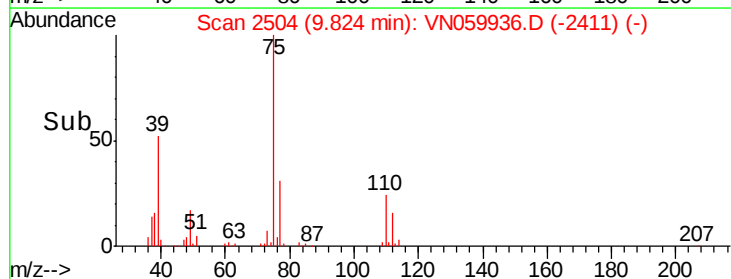
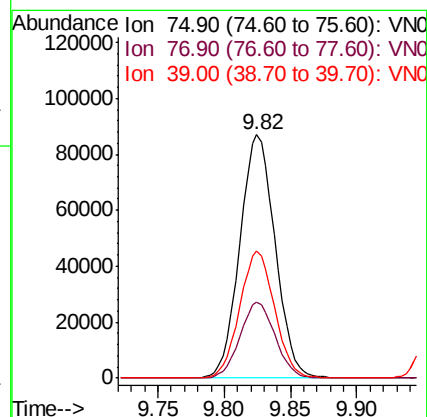
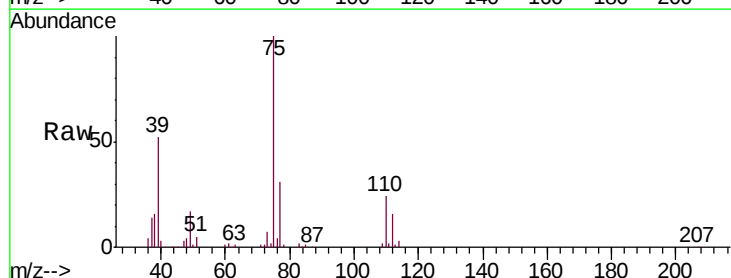
Tgt Ion: 75 Resp: 160849

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 52.2 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 50.922 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 96616

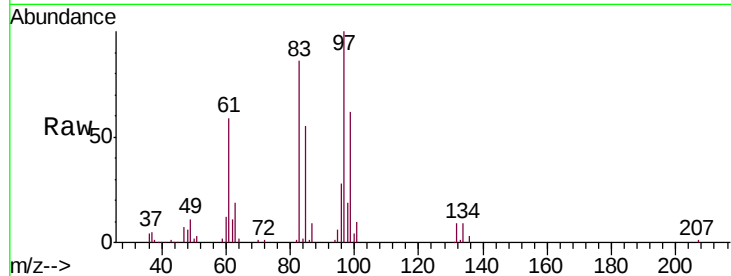
Ion Ratio Lower Upper

97 100

83 85.8 71.3 106.9

85 54.8 45.8 68.8

99 61.9 50.0 75.0



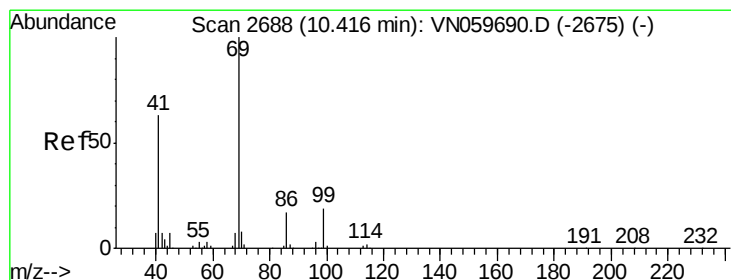
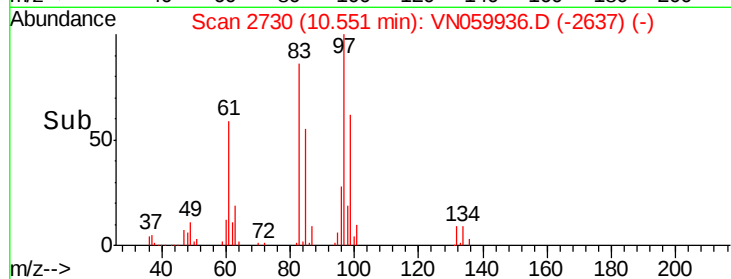
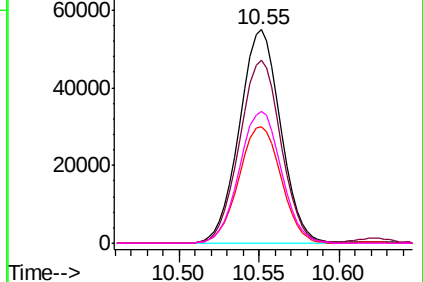
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.316 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

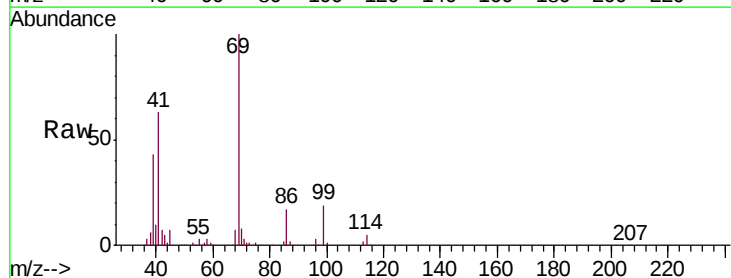
Tgt Ion: 69 Resp: 142974

Ion Ratio Lower Upper

69 100

41 62.5 57.1 85.7

39 43.2 34.7 52.1

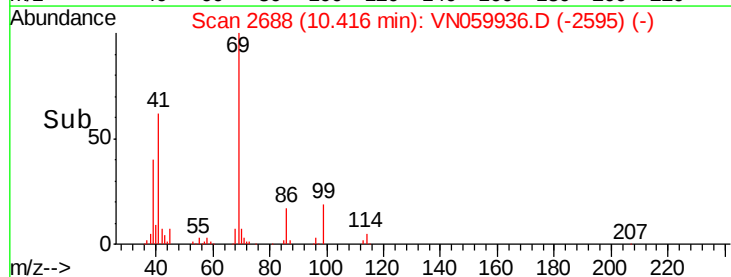
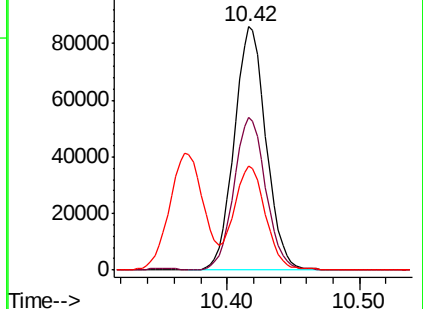


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.016 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

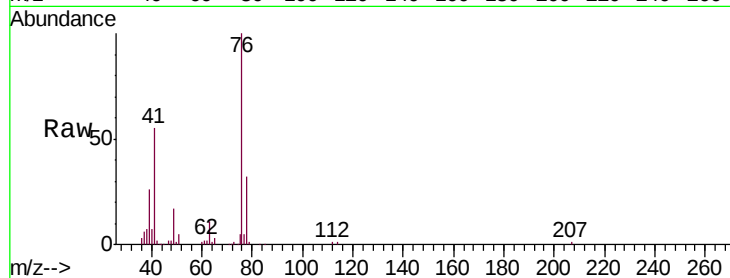
VSTDCCC050EC

Tgt Ion: 76 Resp: 159698

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059936.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059936.D (-2761) (-)

10.70

80000

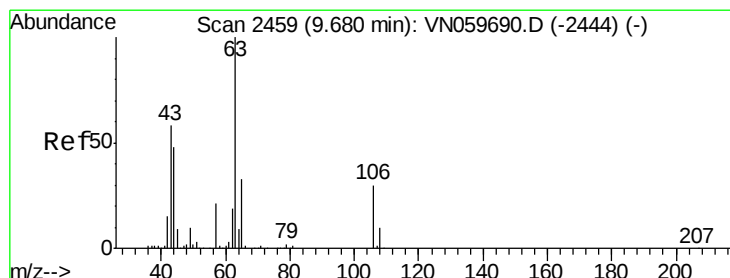
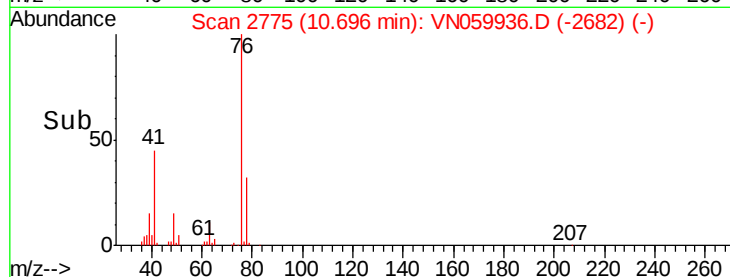
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 277.312 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059936.D

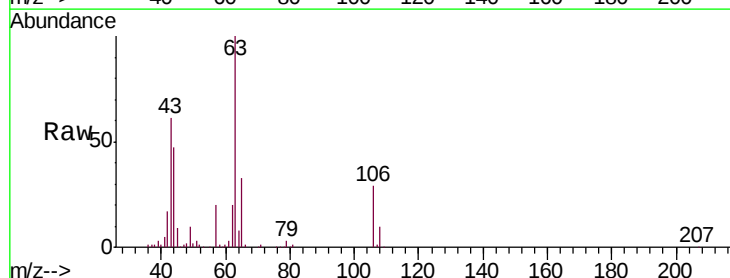
Acq: 30 Jan 2020 18:01

Tgt Ion: 63 Resp: 242157

Ion Ratio Lower Upper

63 100

106 29.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059936.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN059936.D (-2444) (-)

9.68

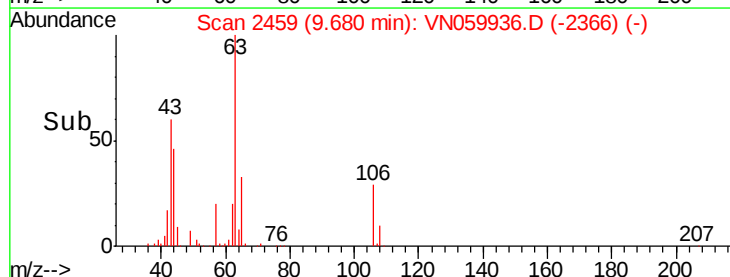
150000

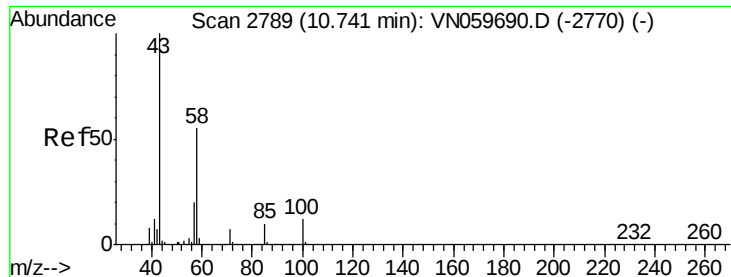
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80





#59

2-Hexanone

Concen: 249.463 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

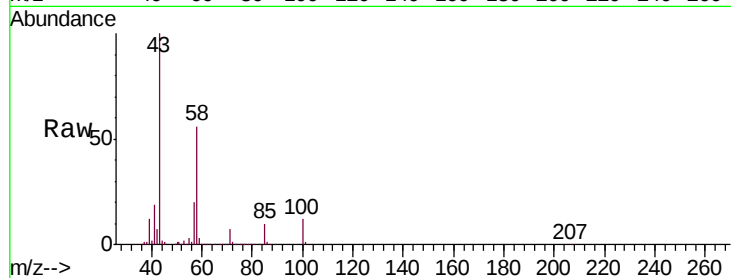
VSTDCCC050EC

Tgt Ion: 43 Resp: 435845

Ion Ratio Lower Upper

43 100

58 55.9 25.8 77.3



Abundance Ion 43.00 (42.70 to 43.70): VN059936.D (-2770) (-)

Ion 58.00 (57.70 to 58.70): VN059936.D (-2770) (-)

10.74

250000

200000

150000

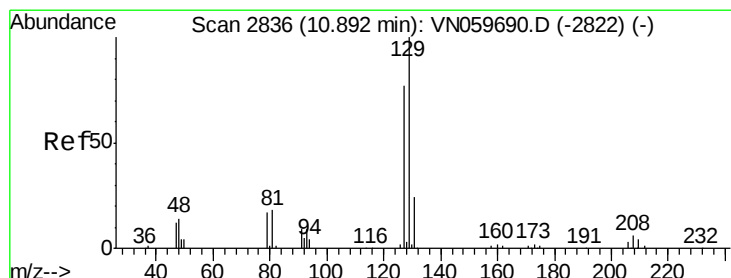
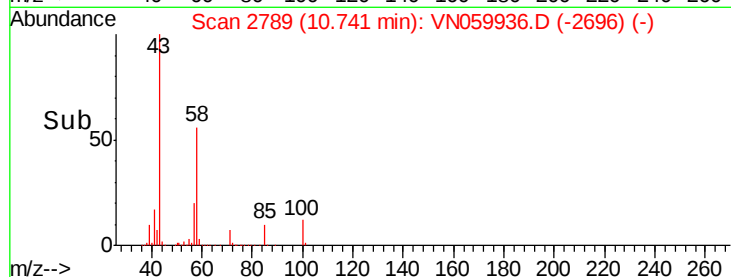
100000

50000

0

10.70 10.80

Time-->



#60

Dibromochloromethane

Concen: 53.046 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN059936.D

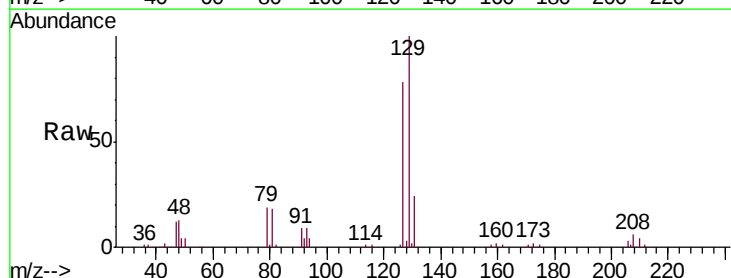
Acq: 30 Jan 2020 18:01

Tgt Ion: 129 Resp: 114613

Ion Ratio Lower Upper

129 100

127 76.5 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN059936.D (-2822) (-)

Ion 126.80 (126.50 to 127.50): VN059936.D (-2822) (-)

10.89

60000

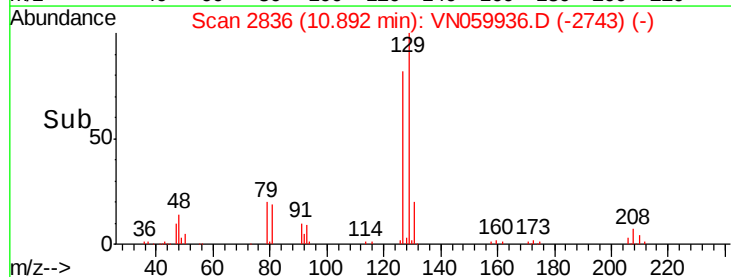
40000

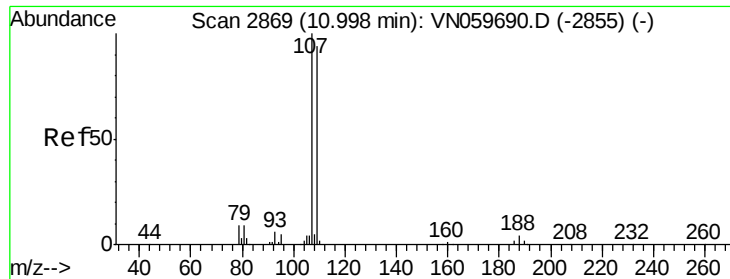
20000

0

10.80 10.85 10.90 10.95

Time-->

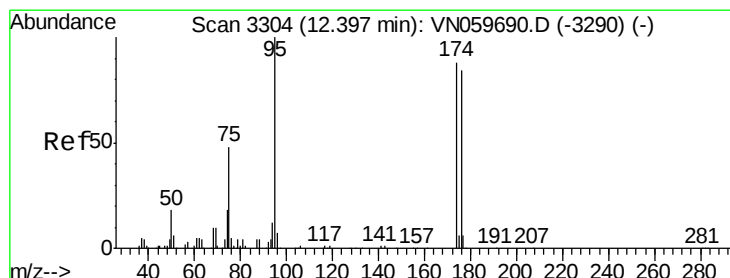
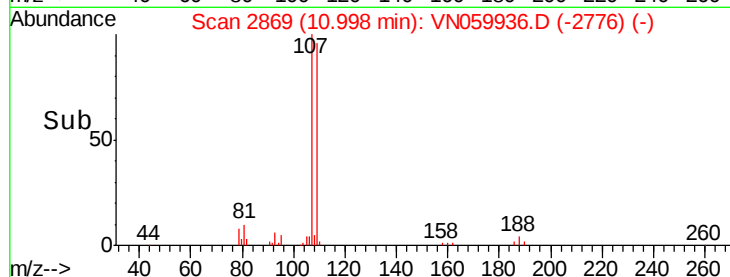
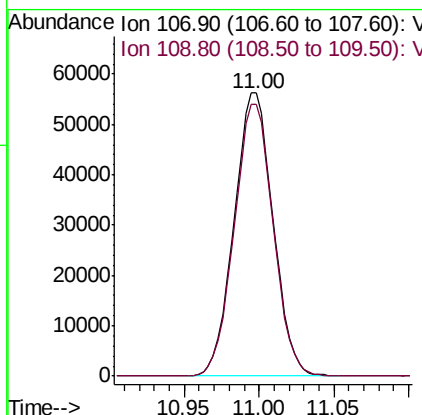
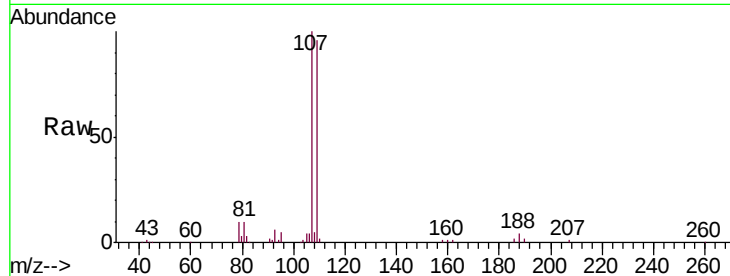




#61
1,2-Dibromoethane
Concen: 51.222 ug/l
RT: 11.00 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

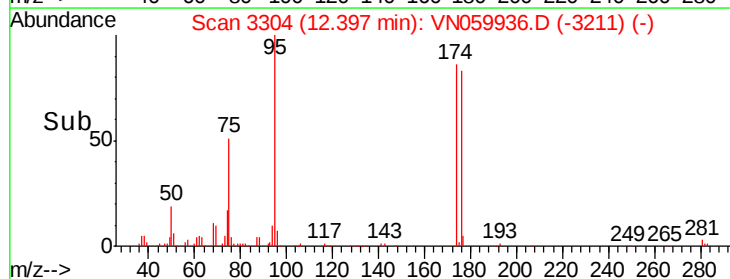
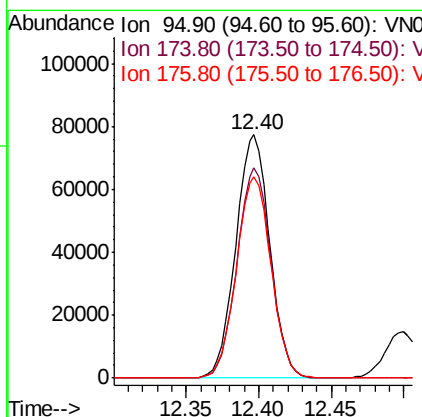
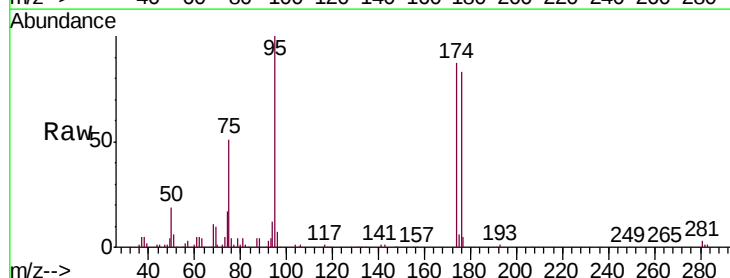
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

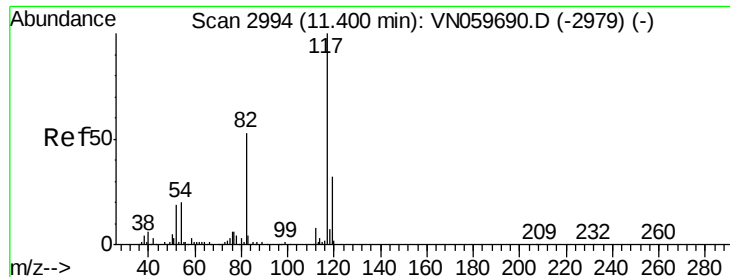
Tgt Ion: 107 Resp: 101861
Ion Ratio Lower Upper
107 100
109 96.2 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 51.838 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 95 Resp: 126091
Ion Ratio Lower Upper
95 100
174 86.5 0.0 151.4
176 84.2 0.0 146.0

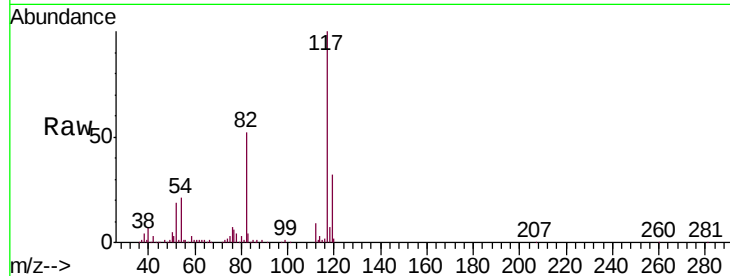




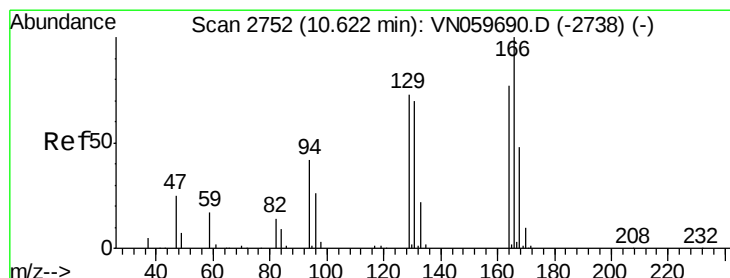
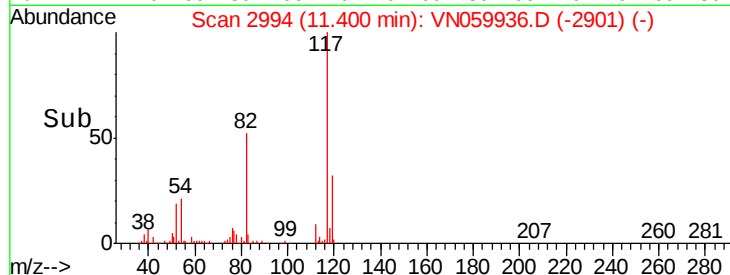
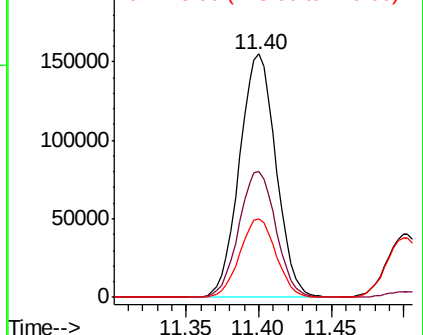
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 271216
Ion Ratio Lower Upper
117 100
82 51.6 45.9 68.9
119 32.5 25.5 38.3

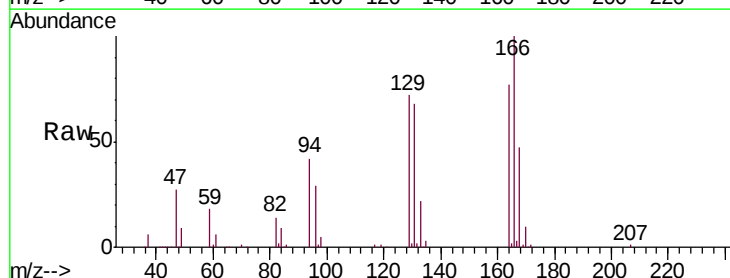


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

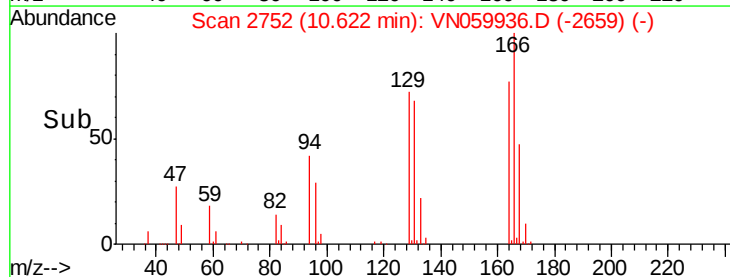
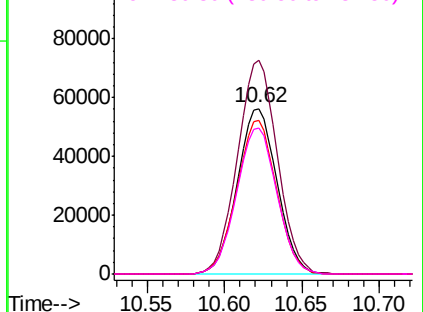


#64
Tetrachloroethene
Concen: 45.442 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion:164 Resp: 100447
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.0
129 93.1 80.2 120.4
131 88.3 75.0 112.4



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

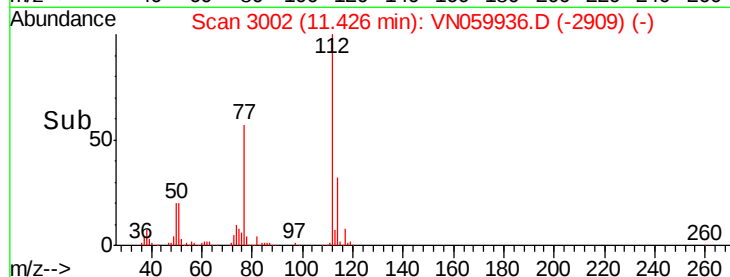
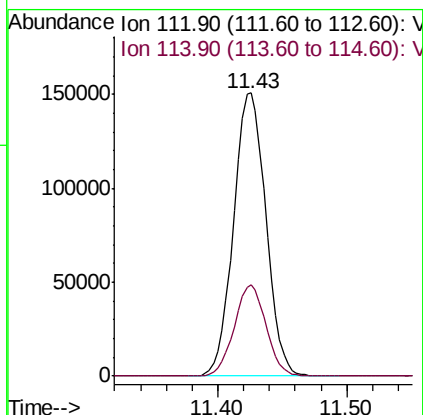
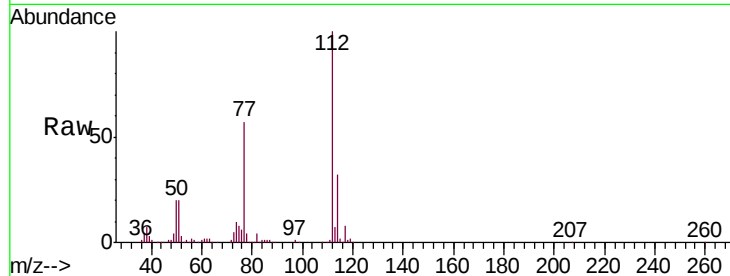




#65
Chlorobenzene
Concen: 49.252 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

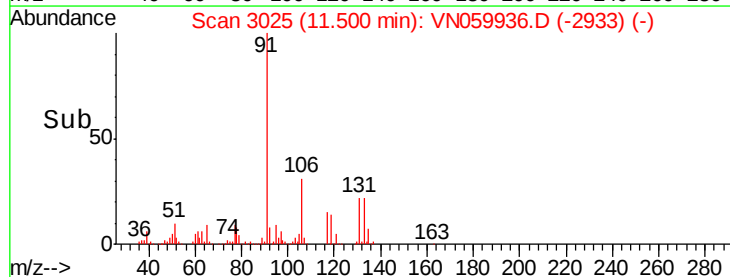
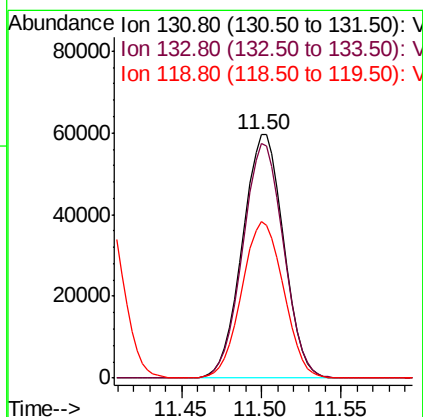
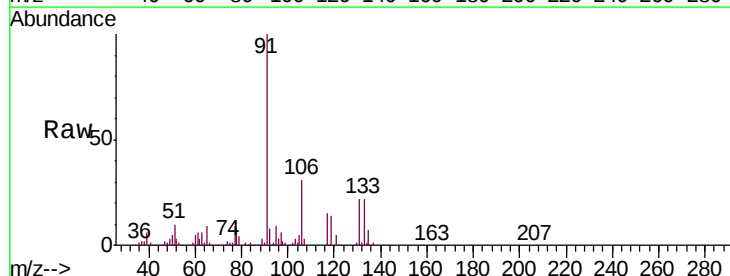
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 262554
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.979 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion:131 Resp: 105007
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 64.9 33.1 99.3





#67

Ethyl Benzene

Concen: 48.291 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

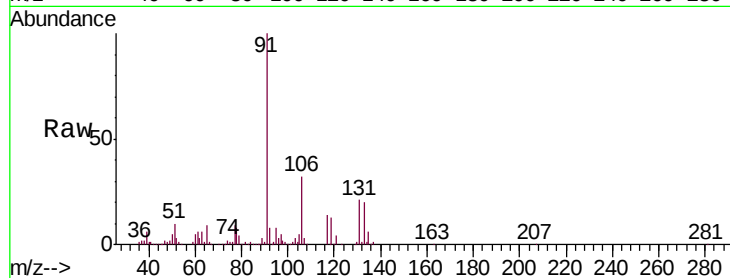
VSTDCCC050EC

Tgt Ion: 91 Resp: 467321

Ion Ratio Lower Upper

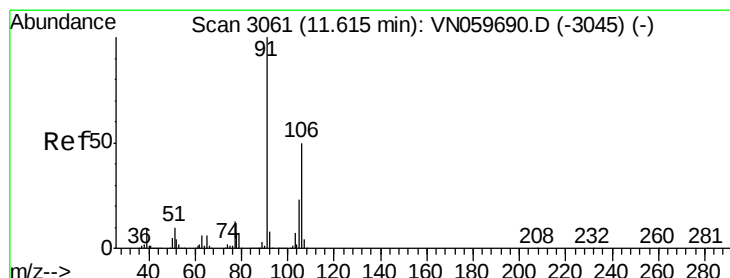
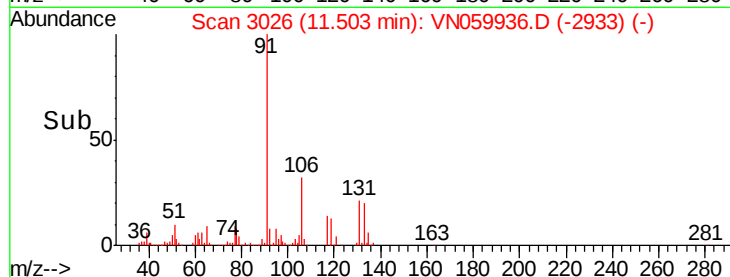
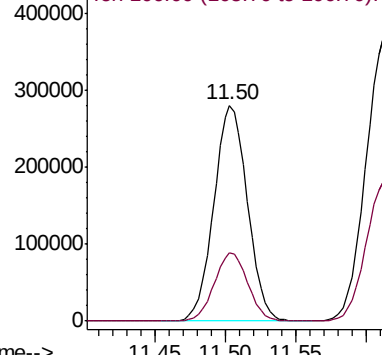
91 100

106 31.5 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.309 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059936.D

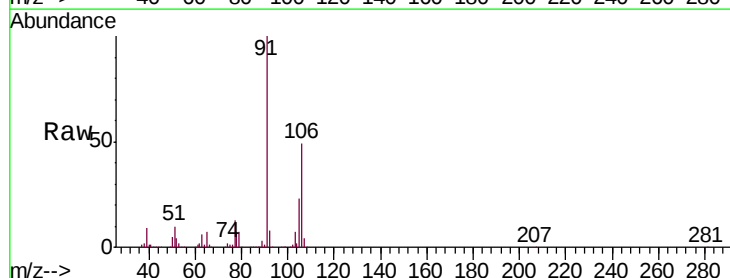
Acq: 30 Jan 2020 18:01

Tgt Ion: 106 Resp: 352056

Ion Ratio Lower Upper

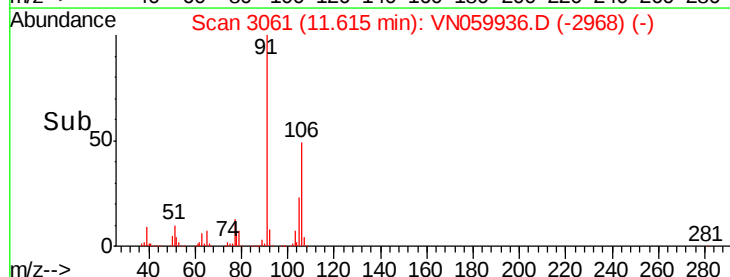
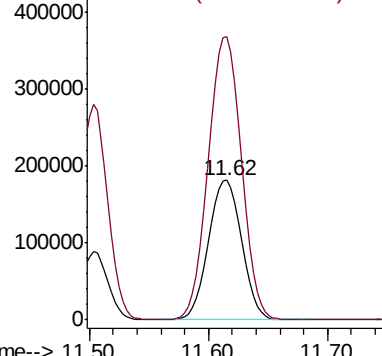
106 100

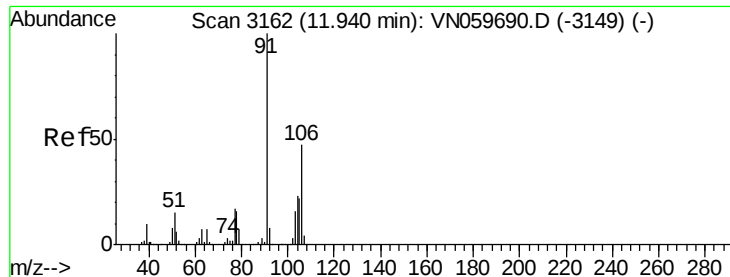
91 202.5 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

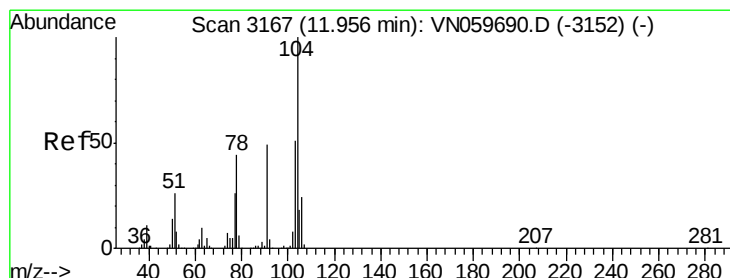
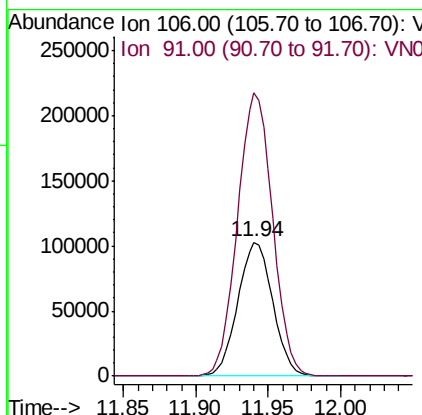
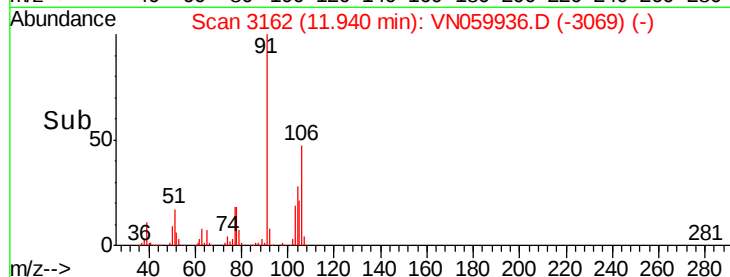
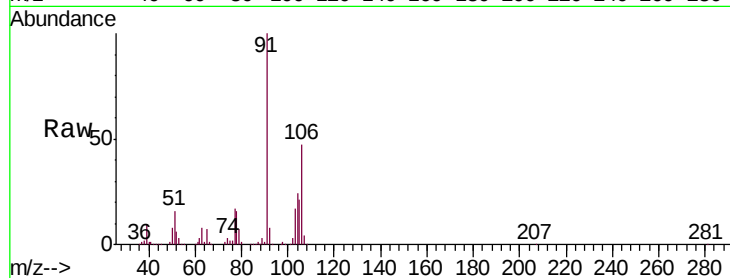




#69
o-Xylene
Concen: 48.033 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

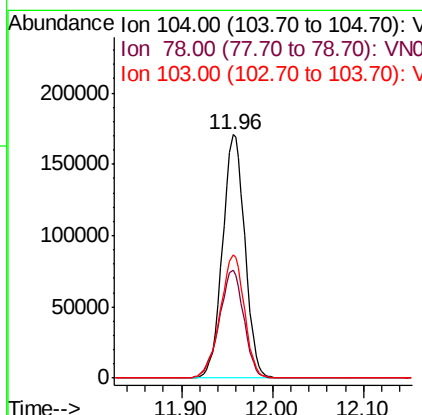
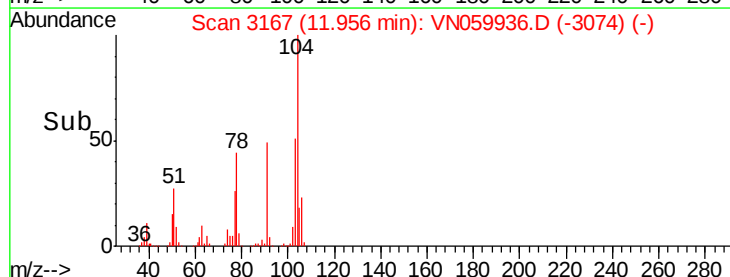
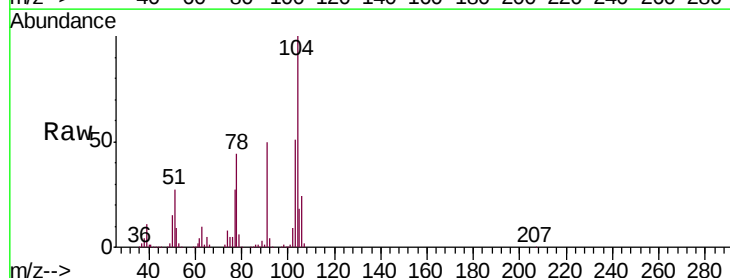
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

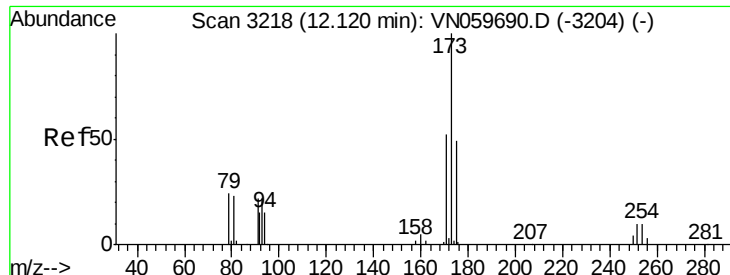
Tgt Ion:106 Resp: 171897
Ion Ratio Lower Upper
106 100
91 212.7 110.3 330.9



#70
Styrene
Concen: 48.685 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion:104 Resp: 291551
Ion Ratio Lower Upper
104 100
78 48.6 42.4 63.6
103 54.7 43.9 65.9

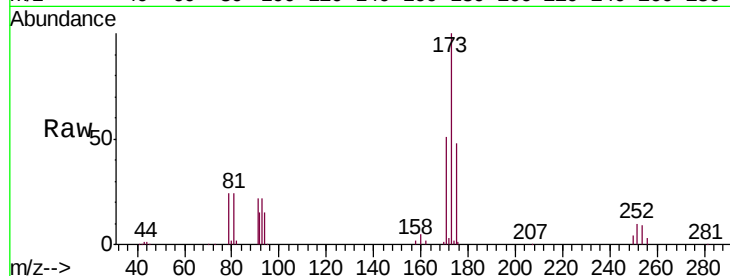




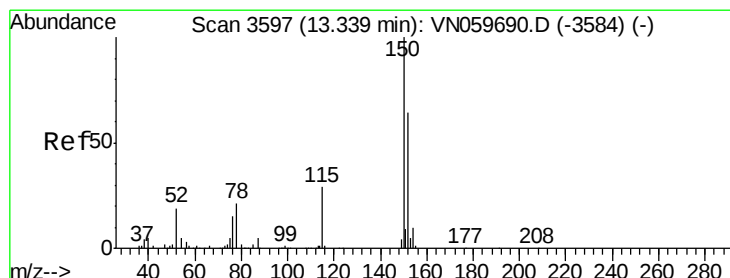
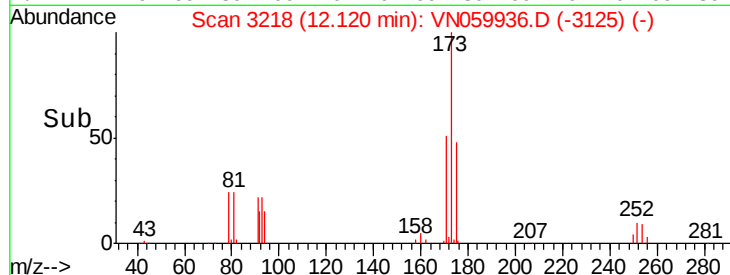
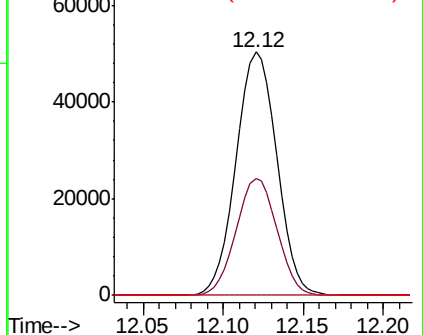
#71
Bromoform
Concen: 53.067 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 87559
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.4
254 0.0 0.0 0.0

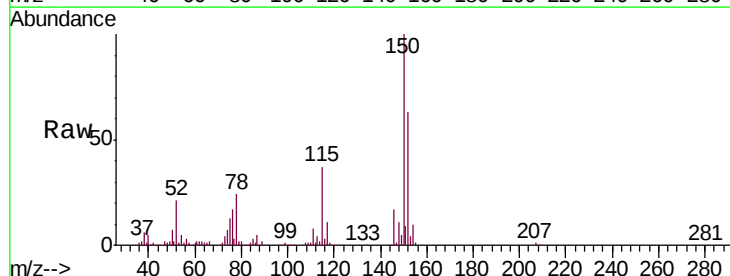


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

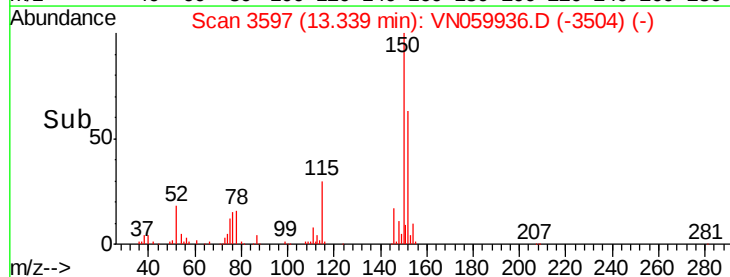
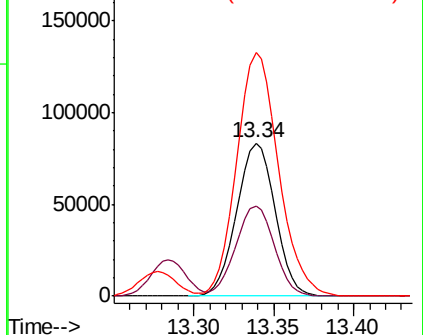


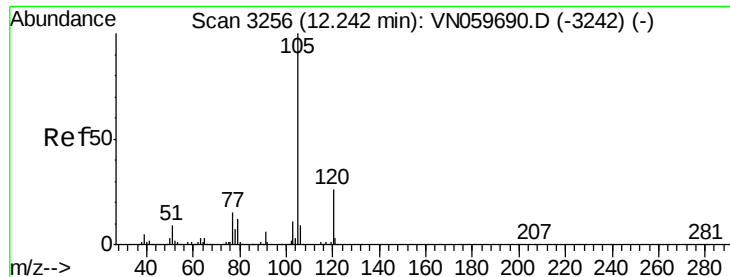
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion:152 Resp: 136266
Ion Ratio Lower Upper
152 100
115 58.9 30.3 90.9
150 173.5 0.0 345.2



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: 47.097 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

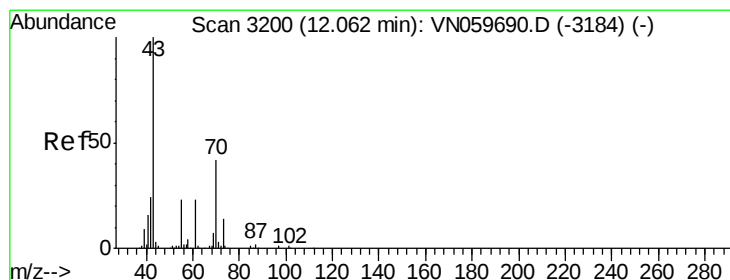
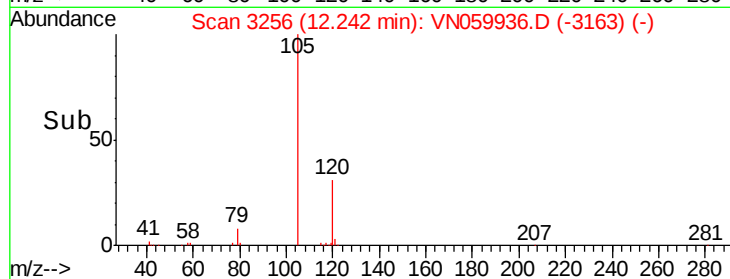
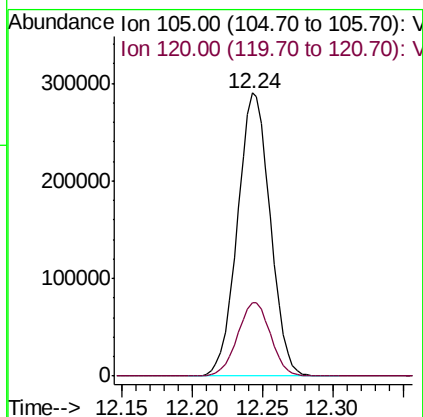
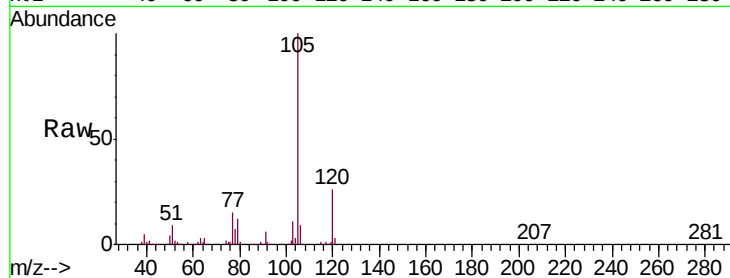
VSTDCCC050EC

Tgt Ion: 105 Resp: 470669

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 46.583 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Tgt Ion: 43 Resp: 180641

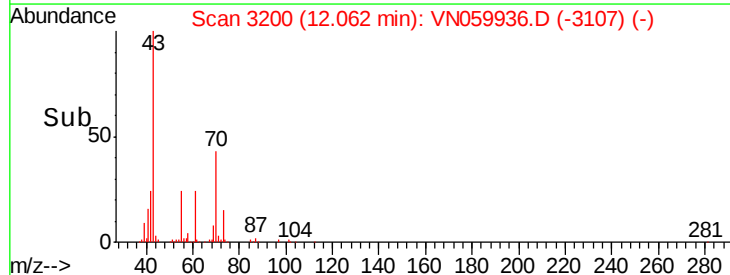
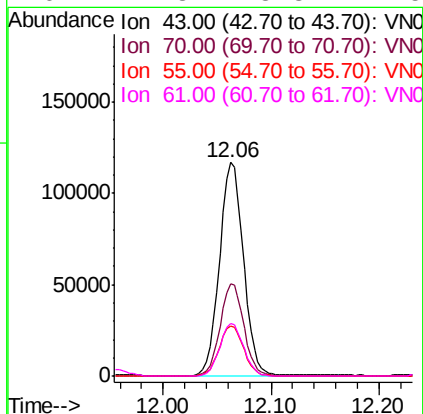
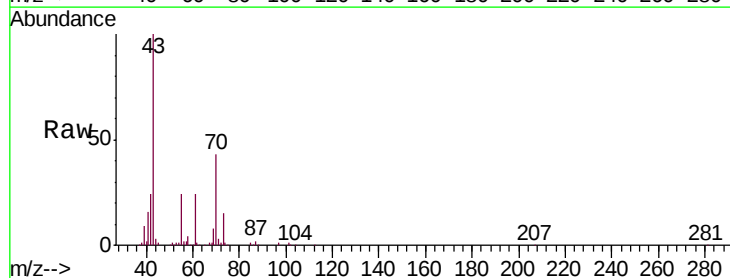
Ion Ratio Lower Upper

43 100

70 42.7 31.3 46.9

55 24.0 19.8 29.6

61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.462 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

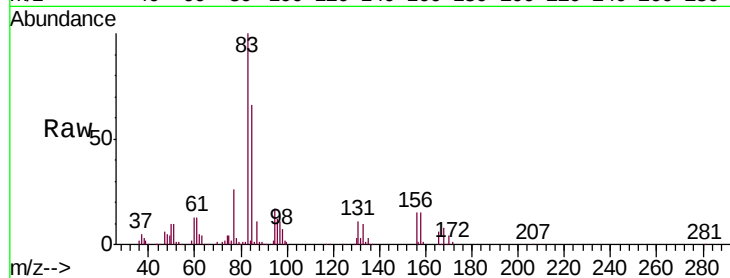
Tgt Ion: 83 Resp: 146197

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059936.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059936.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059936.D (-3336) (-)

120000

100000

80000

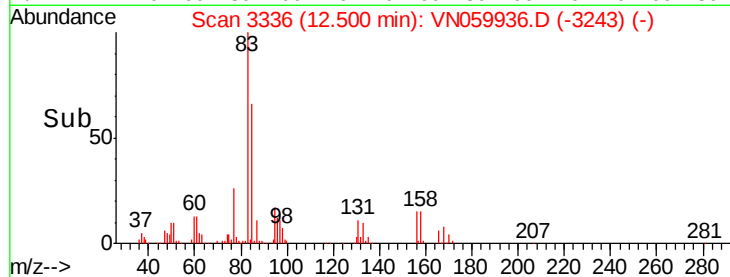
60000

40000

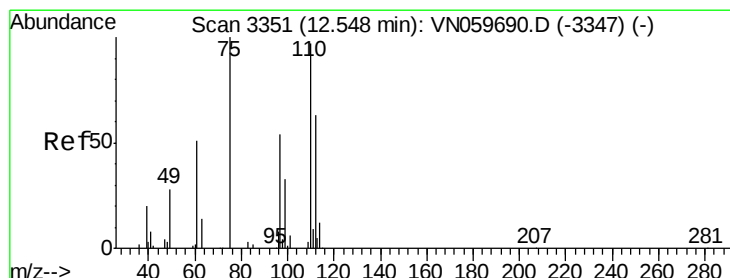
20000

0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 82.789 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059936.D

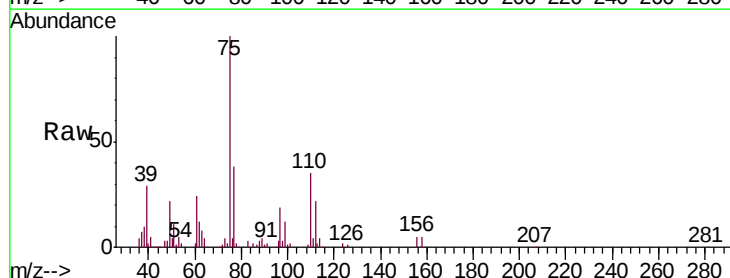
Acq: 30 Jan 2020 18:01

Tgt Ion: 75 Resp: 189853

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059936.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059936.D (-3351) (-)

120000

100000

80000

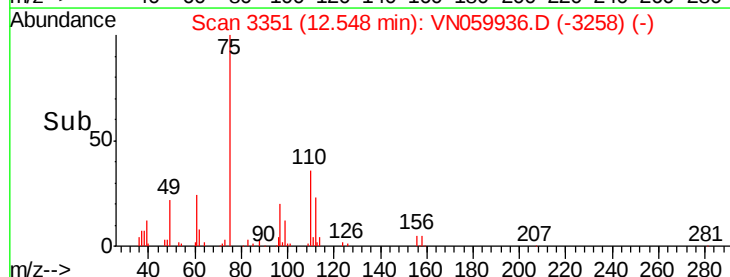
60000

40000

20000

0

Time-->



Time-->



#77

Bromobenzene

Concen: 47.665 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

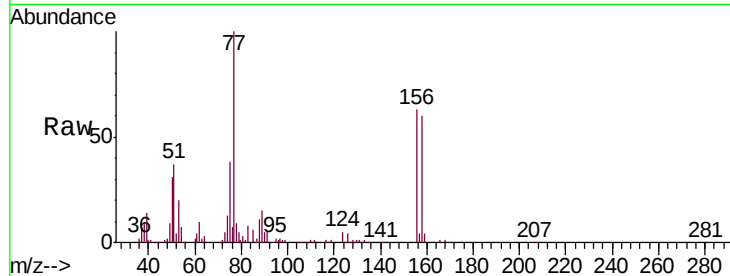
Tgt Ion:156 Resp: 120631

Ion Ratio Lower Upper

156 100

77 194.0 115.8 347.4

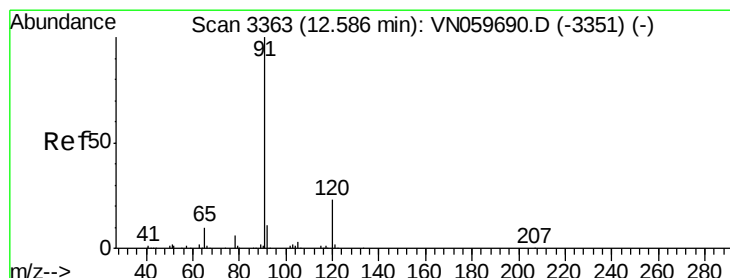
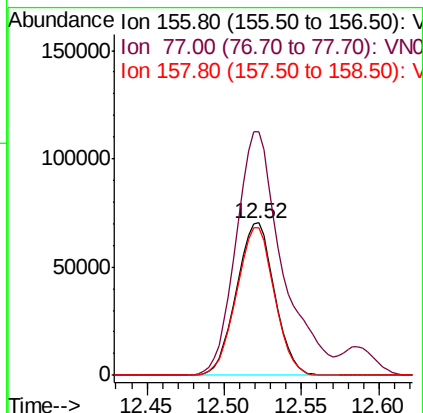
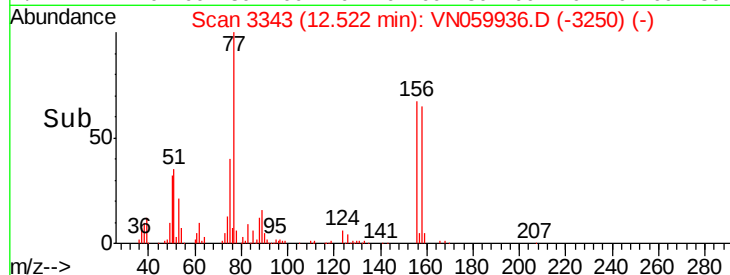
158 96.5 49.2 147.6



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: 47.272 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059936.D

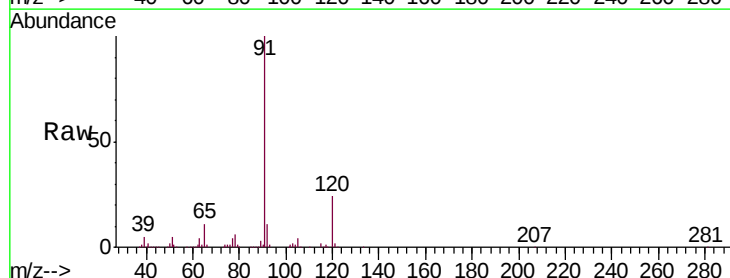
Acq: 30 Jan 2020 18:01

Tgt Ion: 91 Resp: 530245

Ion Ratio Lower Upper

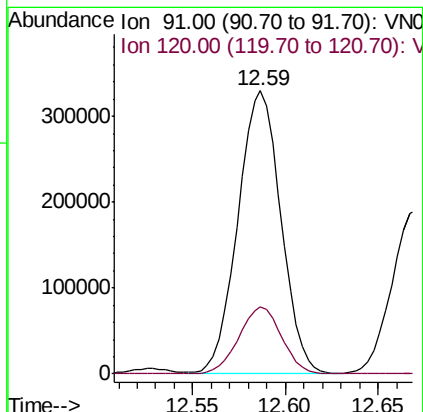
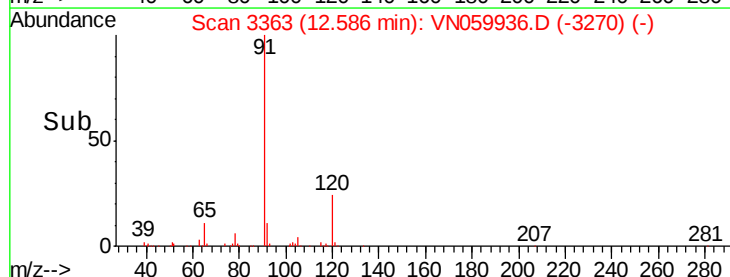
91 100

120 23.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

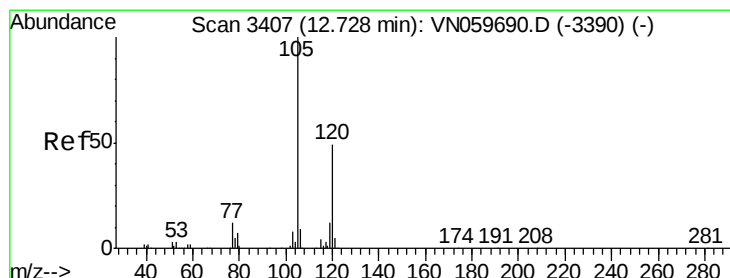
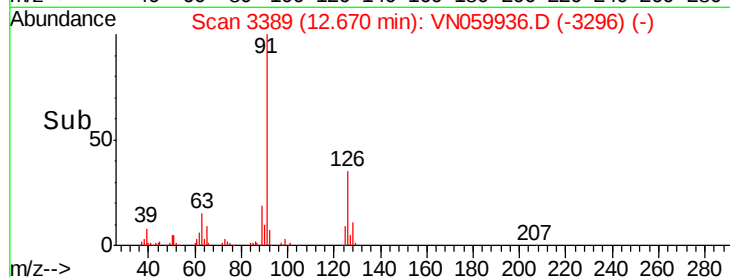
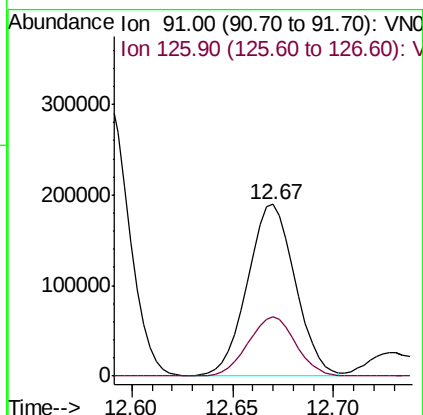
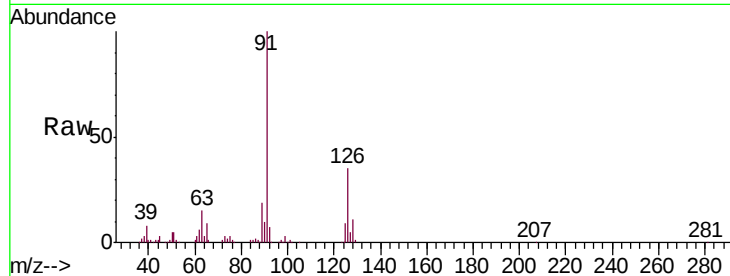




#79
 2-Chlorotoluene
 Concen: 47.049 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

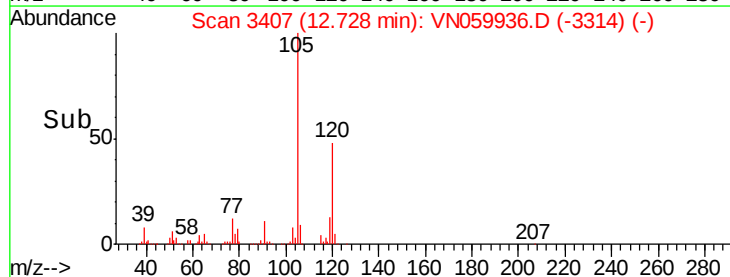
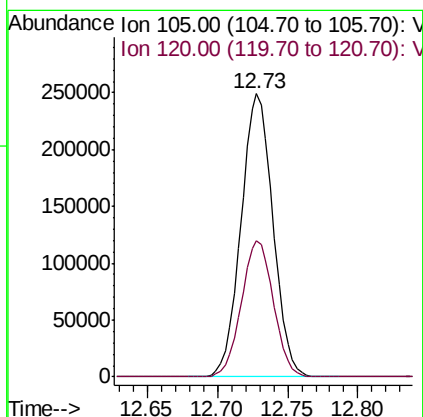
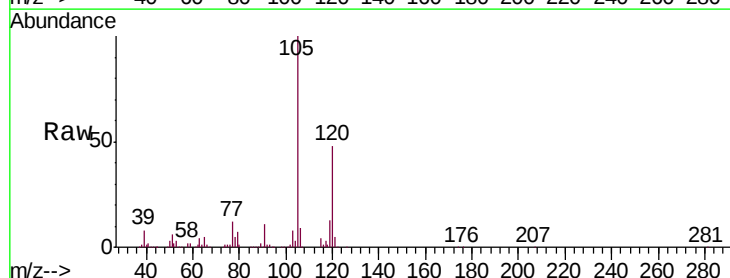
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 313954
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 46.969 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 105 Resp: 394759
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.112 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

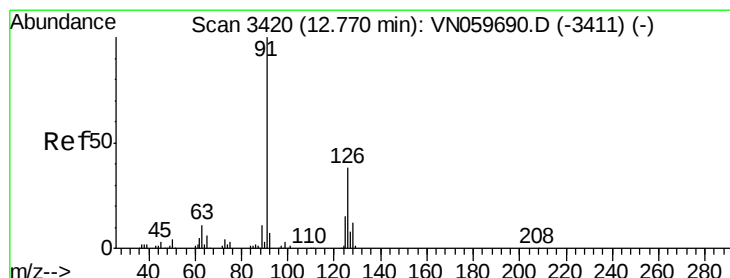
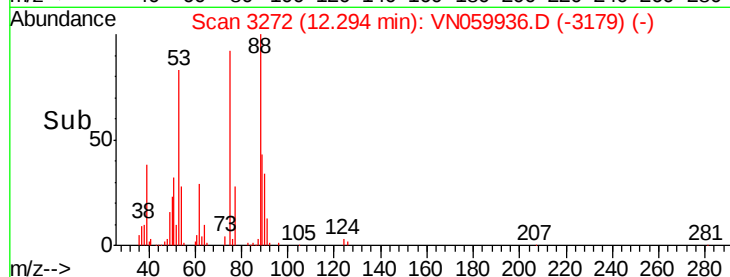
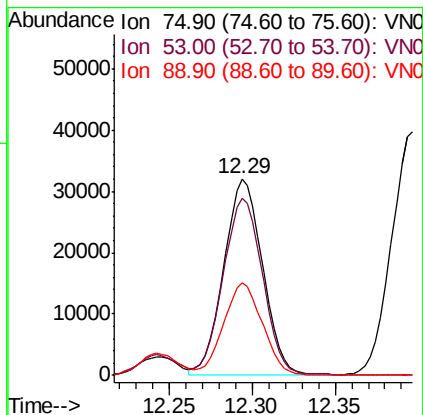
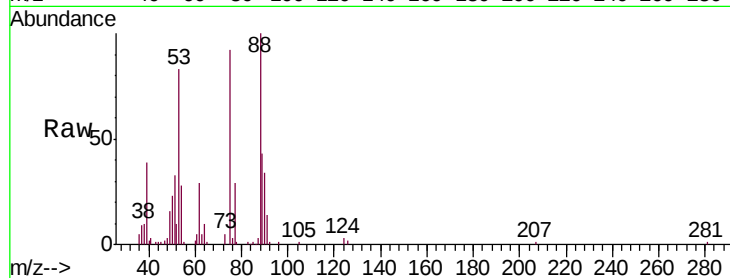
Tgt Ion: 75 Resp: 52444

Ion Ratio Lower Upper

75 100

53 91.3 78.1 117.1

89 47.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 47.707 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN059936.D

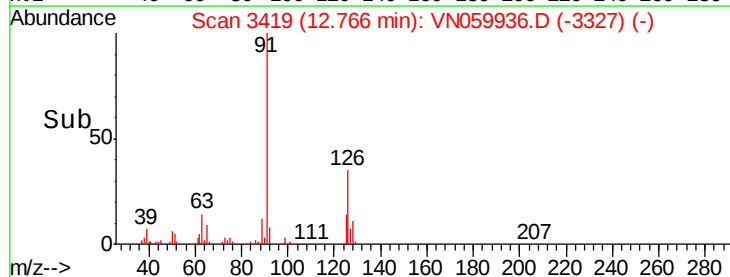
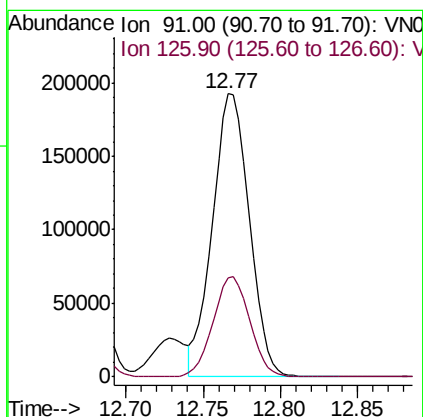
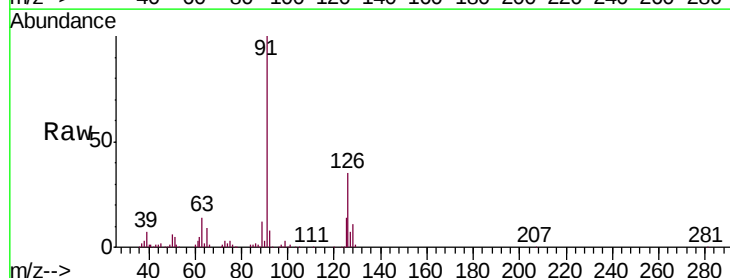
Acq: 30 Jan 2020 18:01

Tgt Ion: 91 Resp: 319306

Ion Ratio Lower Upper

91 100

126 35.4 16.3 48.8

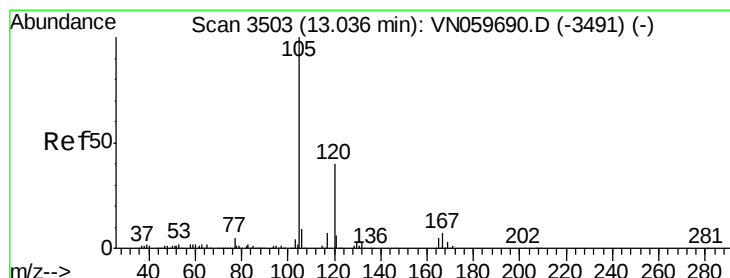
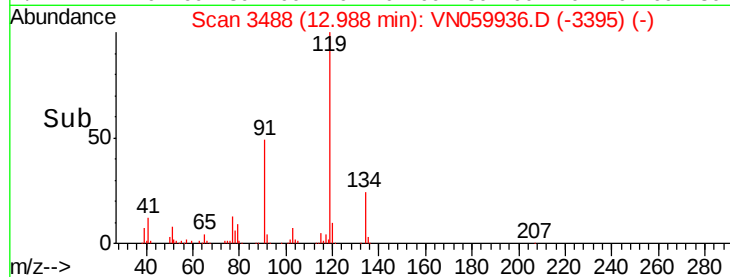
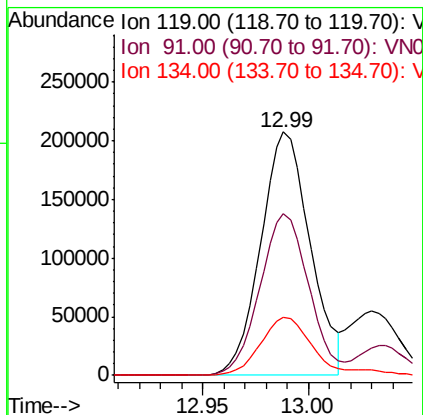
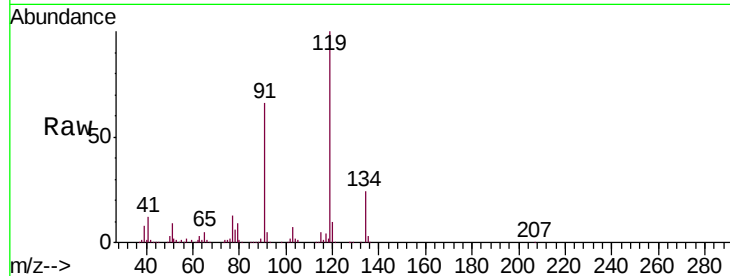




#83
 tert-Butylbenzene
 Concen: 46.663 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

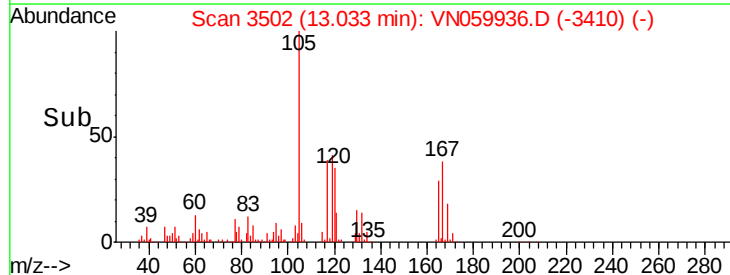
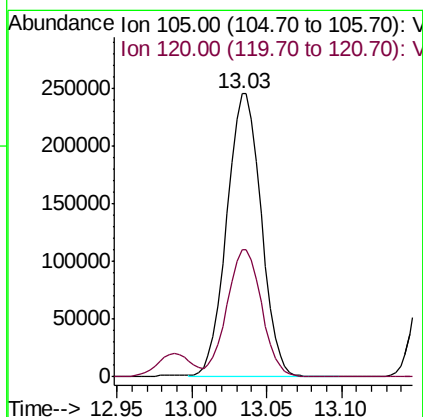
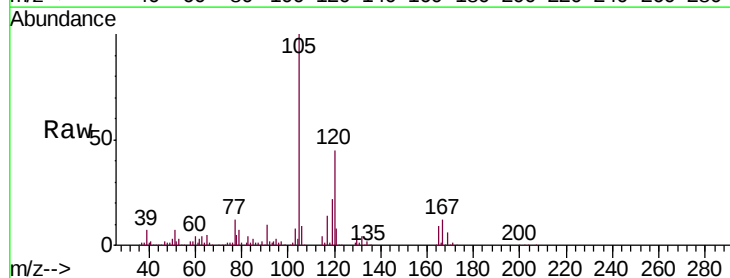
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 339196
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.8 104.4
 134 25.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 47.225 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion:105 Resp: 392672
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.090 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

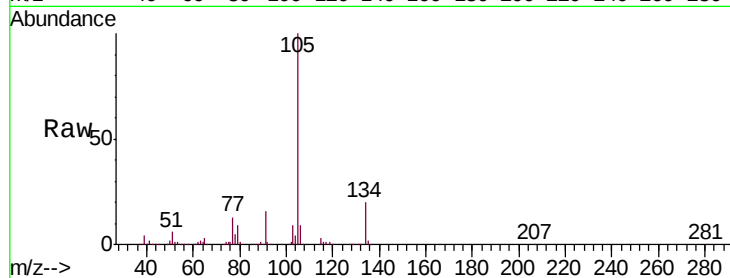
VSTDCCC050EC

Tgt Ion:105 Resp: 449730

Ion Ratio Lower Upper

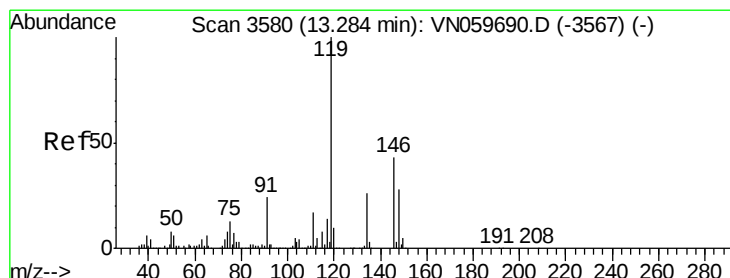
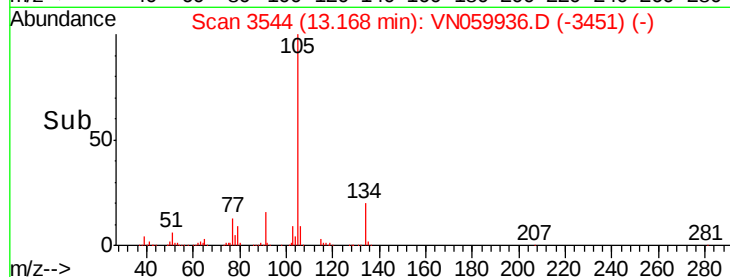
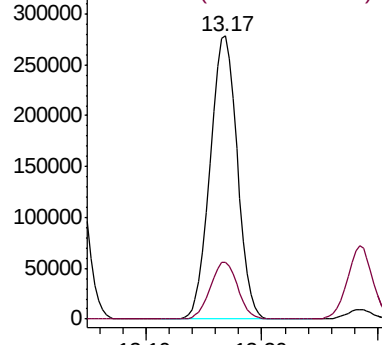
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.965 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

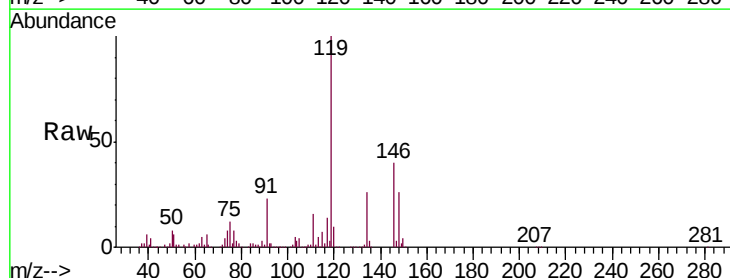
Tgt Ion:119 Resp: 415027

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

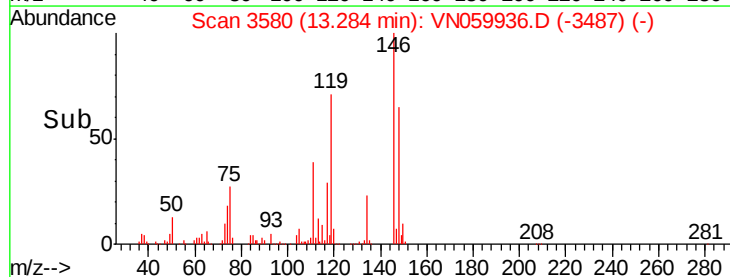
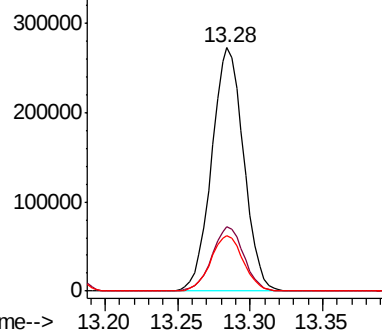
91 23.3 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.055 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

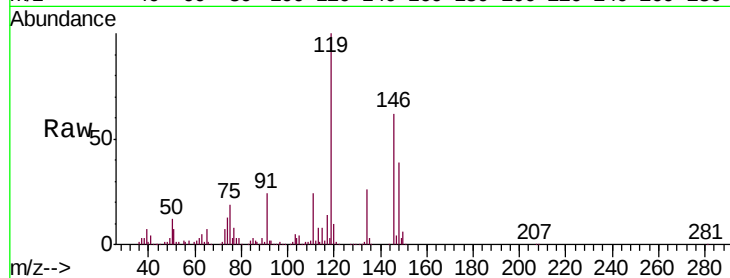
Tgt Ion:146 Resp: 215649

Ion Ratio Lower Upper

146 100

111 38.9 20.8 62.2

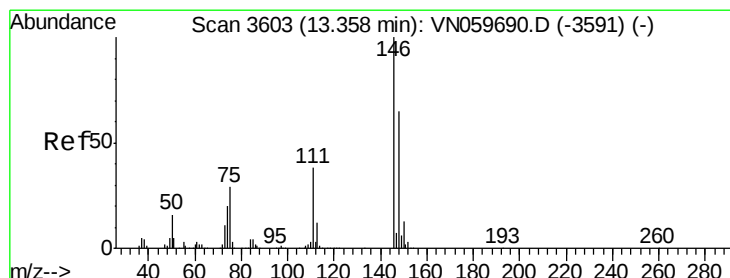
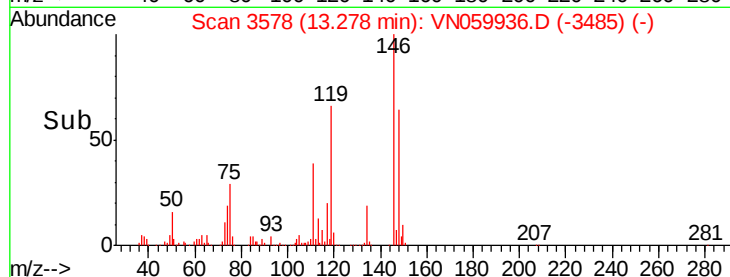
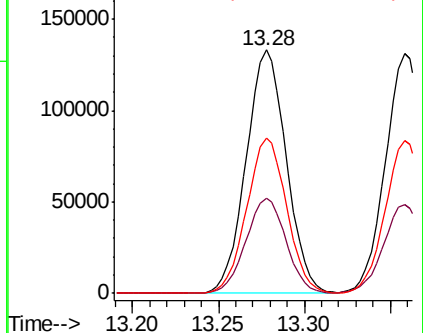
148 63.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.620 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059936.D

Acq: 30 Jan 2020 18:01

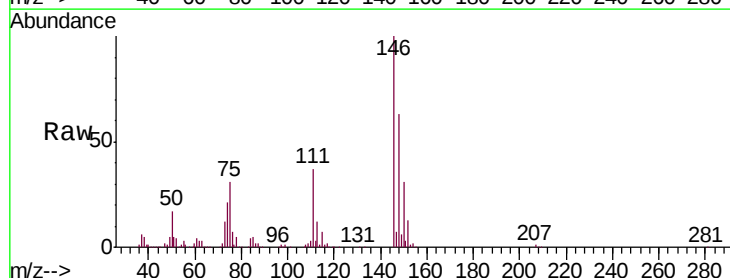
Tgt Ion:146 Resp: 213228

Ion Ratio Lower Upper

146 100

111 37.7 20.8 62.2

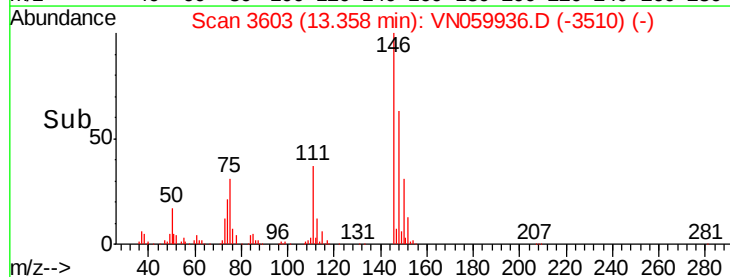
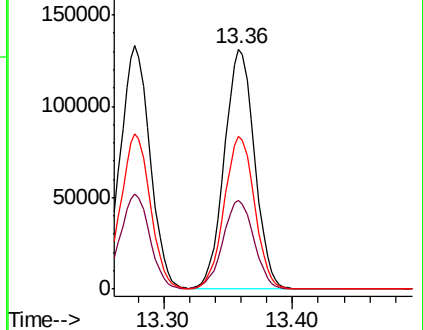
148 63.9 31.8 95.4

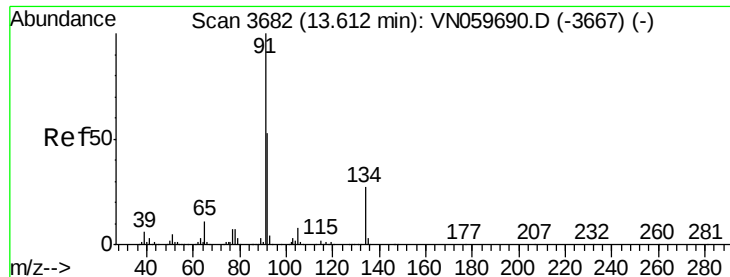


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

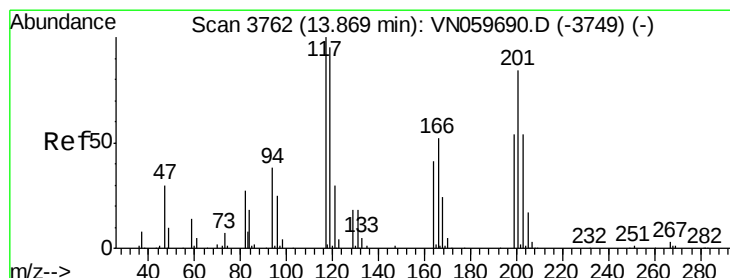
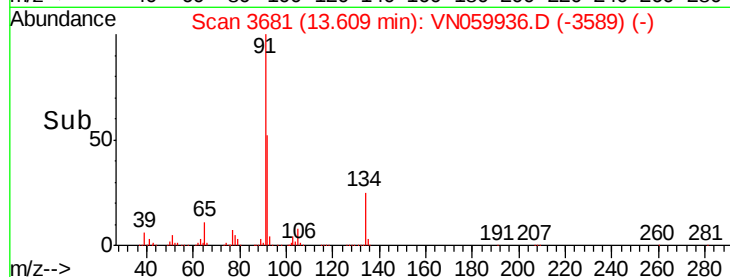
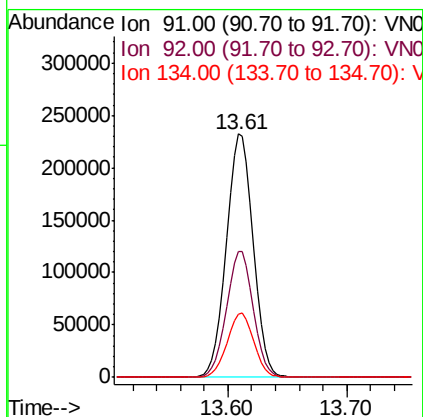
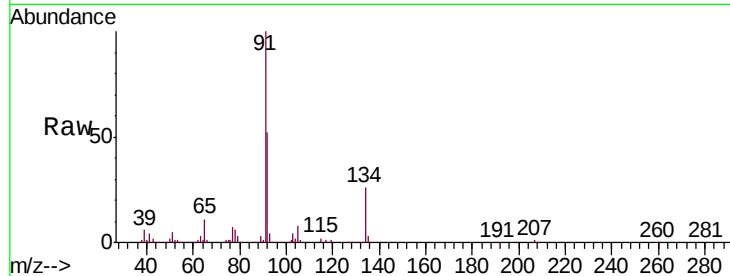




#89
n-Butylbenzene
Concen: 48.139 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

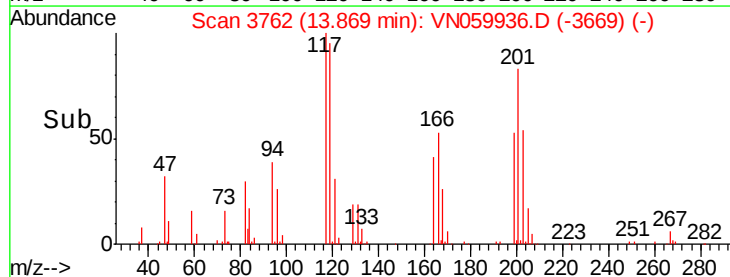
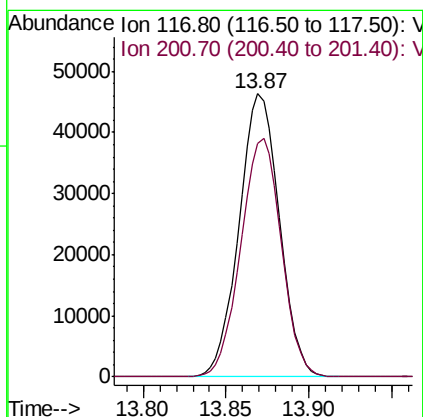
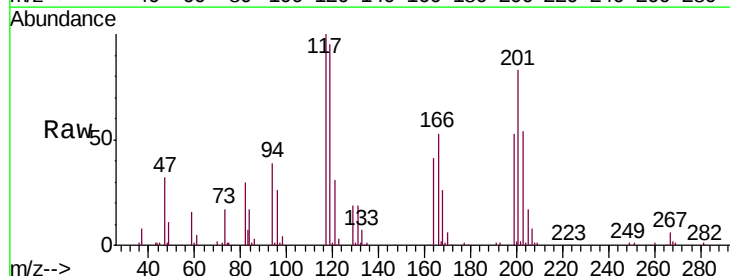
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 362711
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.7
134 26.4 12.3 36.8



#90
Hexachloroethane
Concen: 47.471 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion: 117 Resp: 78487
Ion Ratio Lower Upper
117 100
201 84.8 37.8 113.4

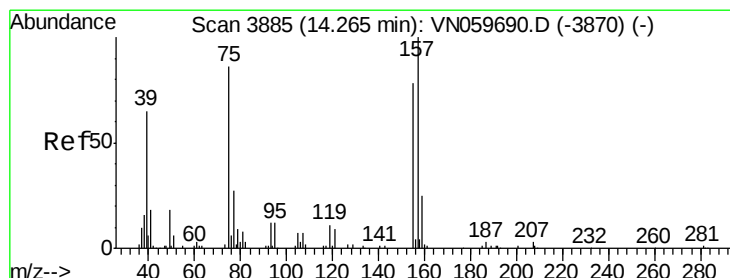
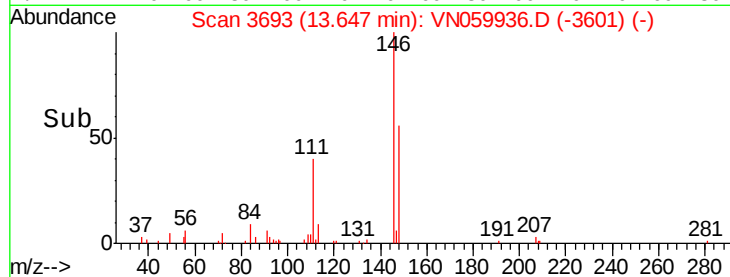
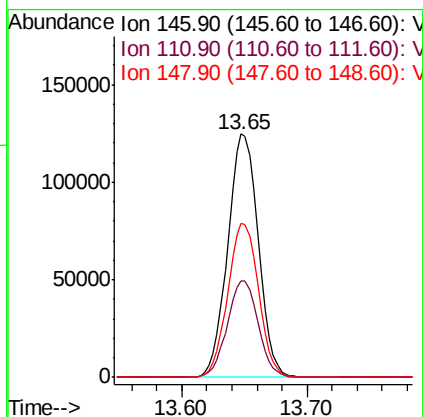
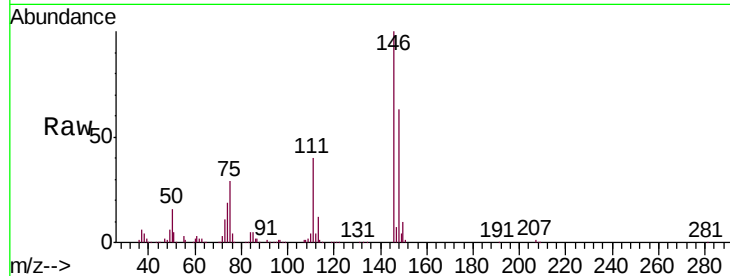




#91
 1,2-Dichlorobenzene
 Concen: 48.482 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

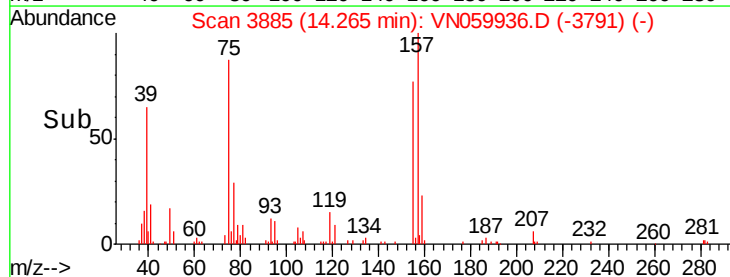
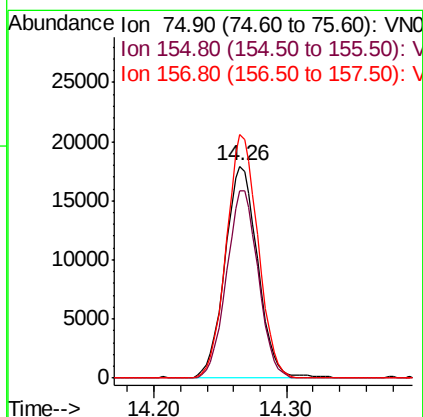
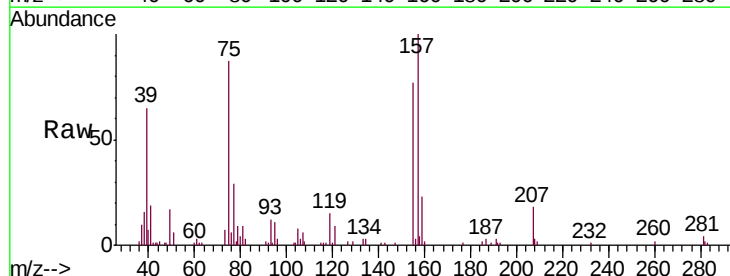
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

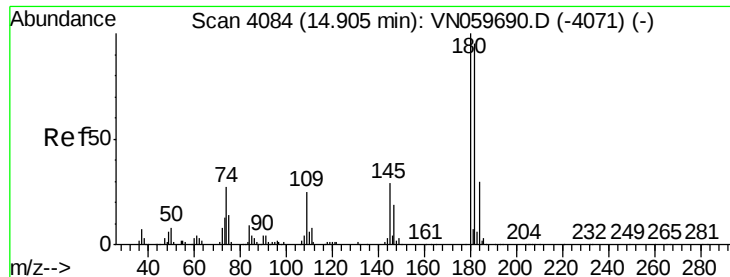
Tgt Ion:146 Resp: 210704
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.6 64.8
 148 63.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.580 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion: 75 Resp: 30842
 Ion Ratio Lower Upper
 75 100
 155 84.8 37.0 110.9
 157 110.5 48.4 145.2

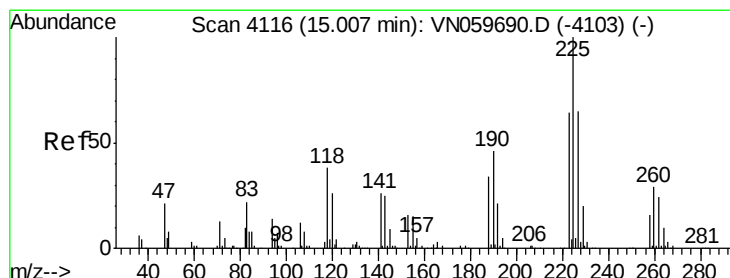
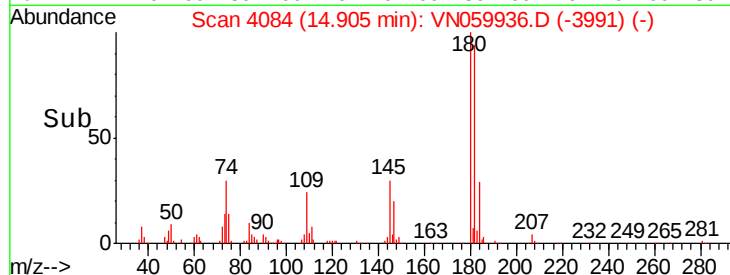
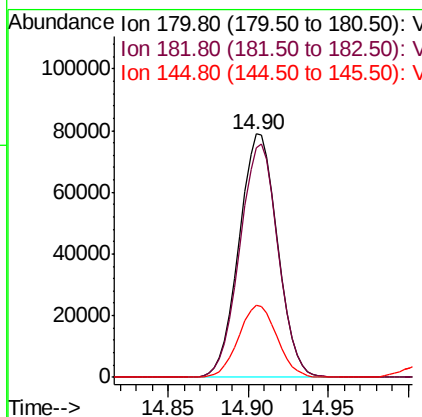
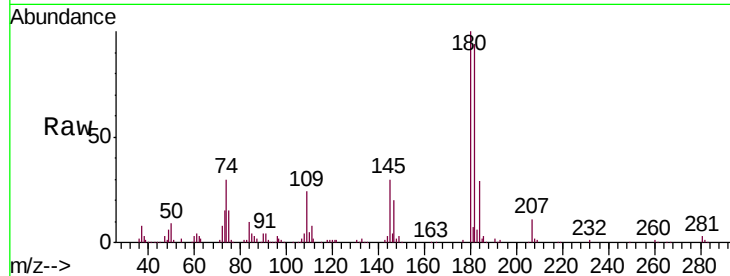




#93
 1,2,4-Trichlorobenzene
 Concen: 49.475 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

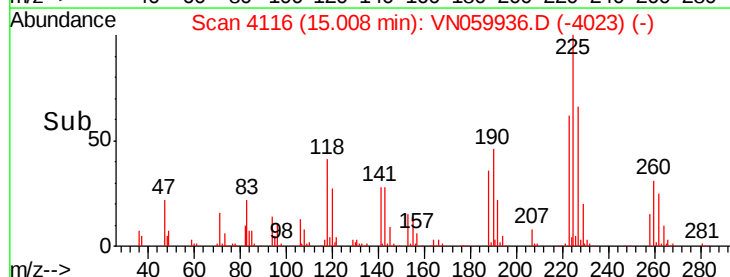
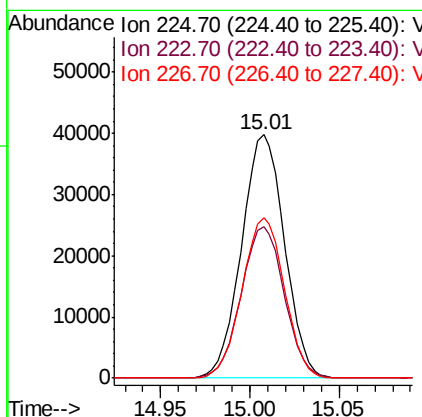
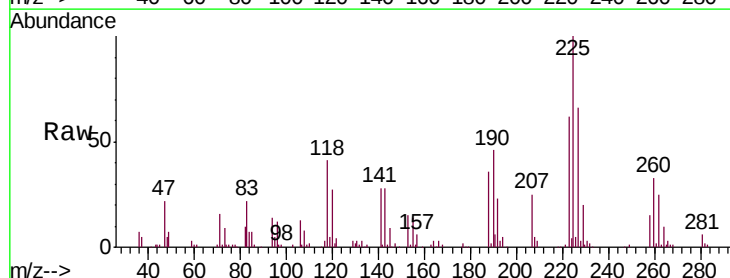
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

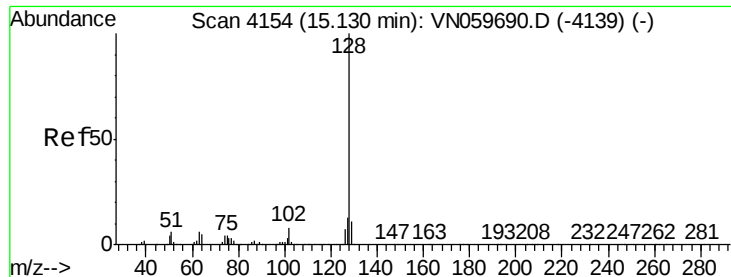
Tgt Ion:180 Resp: 129203
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.7
 145 29.7 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 46.417 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059936.D
 Acq: 30 Jan 2020 18:01

Tgt Ion:225 Resp: 66798
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.8 95.3
 227 64.9 32.1 96.5

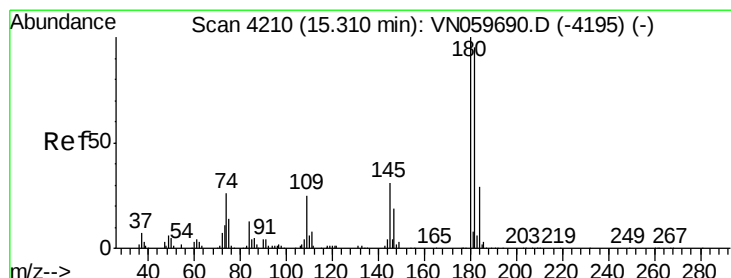
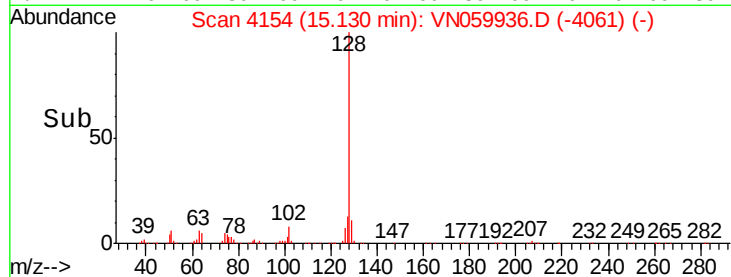
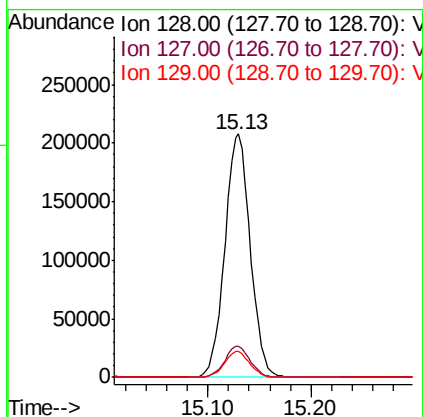
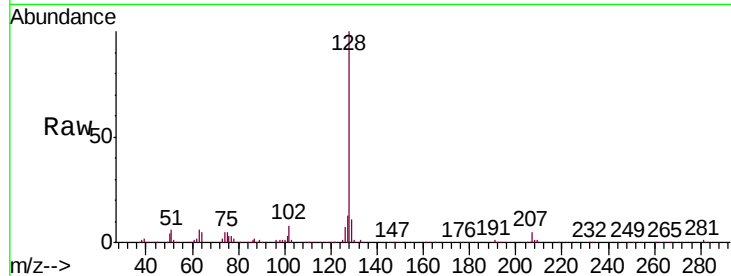




#95
Naphthalene
Concen: 47.858 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 355489
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.201 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059936.D
Acq: 30 Jan 2020 18:01

Tgt Ion:180 Resp: 125064
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 31.7 16.3 48.9

