

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059924.D
 Acq On : 30 Jan 2020 13:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 30 16:50:43 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	187148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	292155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103713	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.56	113	87973	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.08	98	332521	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	121873	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	103914	47.064	ug/l	97
3) Chloromethane	2.04	50	100989	47.134	ug/l	100
4) Vinyl Chloride	2.17	62	132009	53.848	ug/l	97
5) Bromomethane	2.53	94	77267	51.646	ug/l	97
6) Chloroethane	2.68	64	61501	53.026	ug/l	97
7) Trichlorofluoromethane	3.00	101	155900	52.953	ug/l	99
8) Diethyl Ether	3.38	74	56833	55.006	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	92665	56.552	ug/l	94
10) Methyl Iodide	3.93	142	136442	51.515	ug/l	96
11) Tert butyl alcohol	4.73	59	88715	253.562	ug/l	99
12) 1,1-Dichloroethene	3.71	96	87022	50.825	ug/l	91
13) Acrolein	3.57	56	59384	239.771	ug/l	96
14) Allyl chloride	4.29	41	121593	52.687	ug/l #	83
15) Acrylonitrile	4.94	53	221311	277.300	ug/l	99
16) Acetone	3.78	43	241847	344.982	ug/l	96
17) Carbon Disulfide	4.03	76	218975	44.895	ug/l	98
18) Methyl Acetate	4.28	43	137964	56.831	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	312472	55.973	ug/l	95
20) Methylene Chloride	4.52	84	100434	53.504	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	94118	51.712	ug/l	90
22) Diisopropyl ether	5.91	45	289529	55.359	ug/l #	97
23) Vinyl Acetate	5.86	43	1120170	276.632	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	173785	54.381	ug/l	98
25) 2-Butanone	6.80	43	317771	269.997	ug/l	91
26) 2,2-Dichloropropane	6.79	77	167781	54.612	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	112772	53.871	ug/l	90
28) Bromochloromethane	7.17	49	66519	52.080	ug/l #	77
29) Tetrahydrofuran	7.18	42	190077	261.024	ug/l	88
30) Chloroform	7.34	83	184338	55.673	ug/l	100
31) Cyclohexane	7.63	56	145685	47.377	ug/l	90
32) 1,1,1-Trichloroethane	7.55	97	167533	54.723	ug/l	97
36) 1,1-Dichloropropene	7.77	75	132343	52.018	ug/l	95
37) Ethyl Acetate	6.89	43	123546	51.775	ug/l	96
38) Carbon Tetrachloride	7.75	117	148846	53.783	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	157878	50.327	ug/l	92
40) Benzene	8.02	78	397726	52.417	ug/l	100
41) Methacrylonitrile	7.18	41	177872	151.335	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	142158	55.258	ug/l	97
43) Isopropyl Acetate	8.14	43	218364	53.202	ug/l #	96
44) Trichloroethene	8.82	130	114638	55.344	ug/l	93
45) 1,2-Dichloropropane	9.10	63	104003	55.392	ug/l	97
46) Dibromomethane	9.19	93	72562	54.786	ug/l	92
47) Bromodichloromethane	9.38	83	150129	56.249	ug/l	98
48) Methyl methacrylate	9.18	41	94093	51.252	ug/l	87
49) 1,4-Dioxane	9.18	88	34788	1035.092	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	641631	270.430	ug/l	95
52) Toluene	10.14	92	256804	53.582	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	169916	57.016	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	180524	57.571	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	105546	55.603	ug/l	99
56) Ethyl methacrylate	10.42	69	156519	53.963	ug/l	92
57) 1,3-Dichloropropane	10.70	76	170627	56.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	263803	301.962	ug/l	93
59) 2-Hexanone	10.74	43	486634	278.406	ug/l	95
60) Dibromochloromethane	10.89	129	124907	57.785	ug/l	99
61) 1,2-Dibromoethane	11.00	107	110490	55.535	ug/l	99
64) Tetrachloroethene	10.62	164	110122	50.826	ug/l	98
65) Chlorobenzene	11.42	112	288677	55.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	113630	56.280	ug/l	98
67) Ethyl Benzene	11.50	91	512434	54.023	ug/l	98
68) m/p-Xylenes	11.61	106	391706	109.323	ug/l	94
69) o-Xylene	11.94	106	189109	53.911	ug/l	94
70) Styrene	11.96	104	317359	54.067	ug/l	97
71) Bromoform	12.12	173	94196	58.244	ug/l #	98
73) Isopropylbenzene	12.24	105	514343	53.664	ug/l	99
74) N-amyl acetate	12.06	43	193556	52.044	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	150902	54.310	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	203311	92.442	ug/l #	100
77) Bromobenzene	12.52	156	130097	53.600	ug/l	84
78) n-propylbenzene	12.59	91	586687	54.537	ug/l	98
79) 2-Chlorotoluene	12.67	91	341912	53.426	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	439263	54.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	57206	55.858	ug/l	94
82) 4-Chlorotoluene	12.77	91	351509	54.760	ug/l	96
83) tert-Butylbenzene	12.99	119	377524	54.153	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	432802	54.274	ug/l	98
85) sec-Butylbenzene	13.17	105	499156	54.497	ug/l	99
86) p-Isopropyltoluene	13.28	119	458381	54.086	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	232978	55.259	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	232741	55.335	ug/l	97
89) n-Butylbenzene	13.61	91	404553	55.984	ug/l	98
90) Hexachloroethane	13.87	117	86855	54.774	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	229225	54.995	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31280	52.556	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	140256	56.001	ug/l	98
94) Hexachlorobutadiene	15.01	225	75550	54.740	ug/l	99
95) Naphthalene	15.13	128	374422	52.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134691	55.250	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

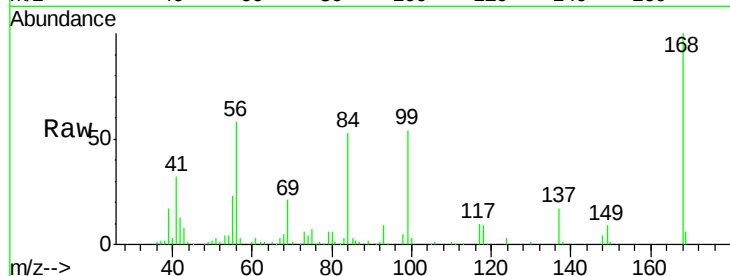
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 187148

Ion Ratio Lower Upper

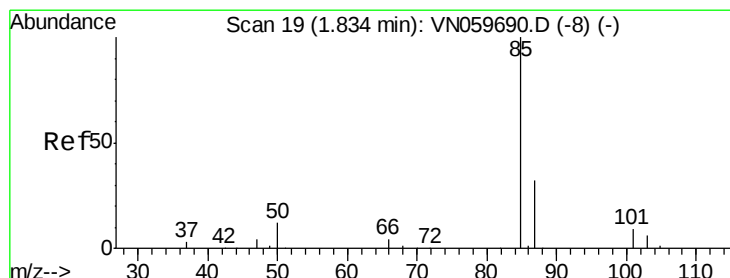
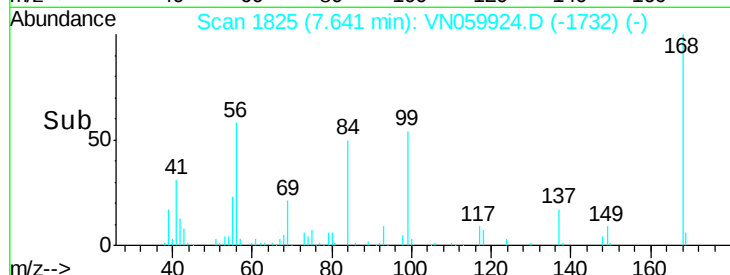
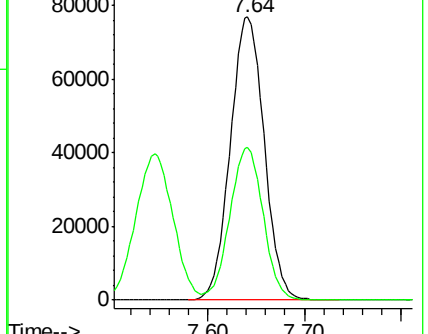
168 100

99 54.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.064 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059924.D

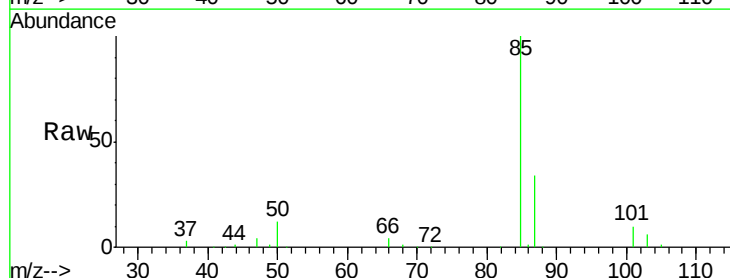
Acq: 30 Jan 2020 13:07

Tgt Ion: 85 Resp: 103914

Ion Ratio Lower Upper

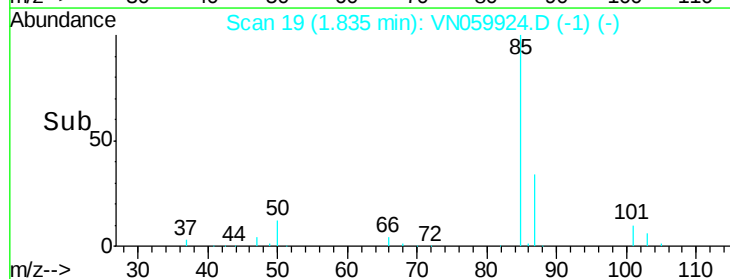
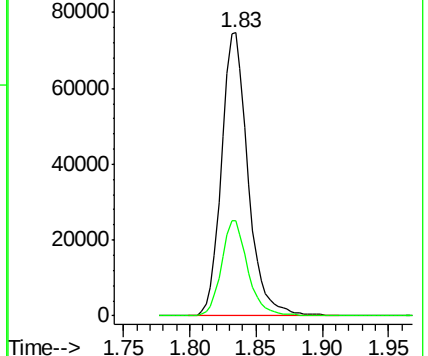
85 100

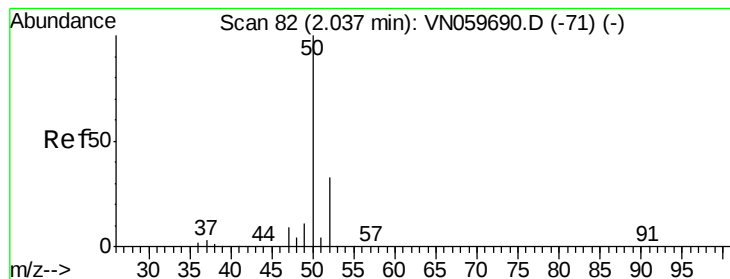
87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.134 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

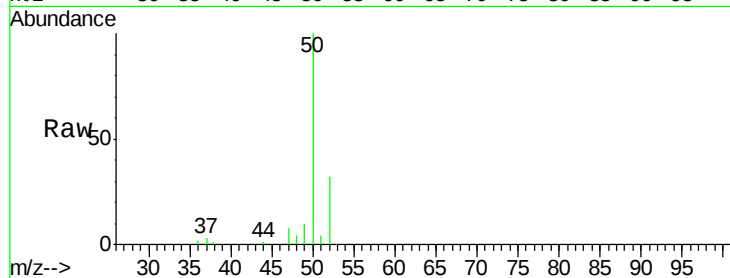
ClientSampled :

Tot Ion: 50 Resp: 100989

Ion Ratio Lower Upper

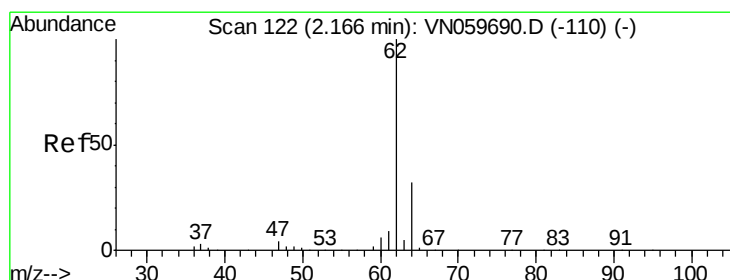
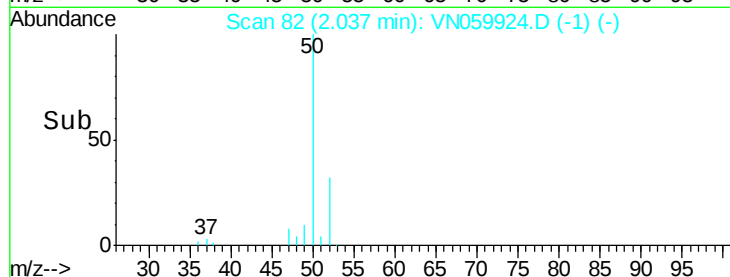
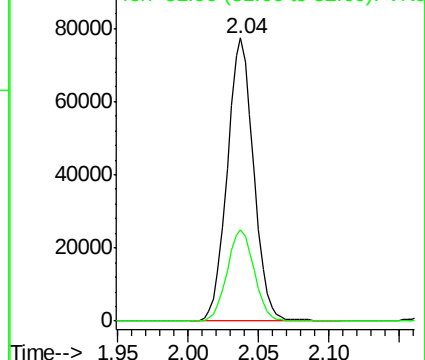
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.848 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059924.D

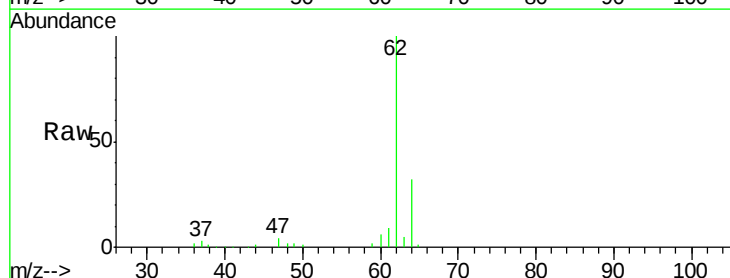
Acq: 30 Jan 2020 13:07

Tgt Ion: 62 Resp: 132009

Ion Ratio Lower Upper

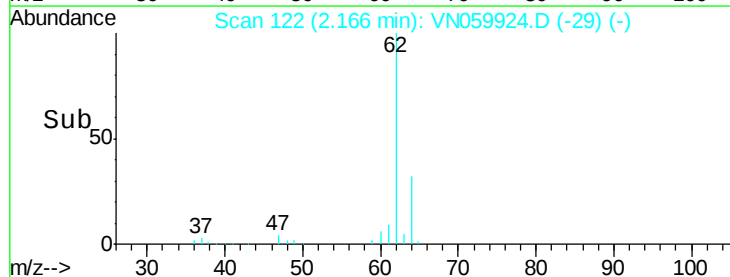
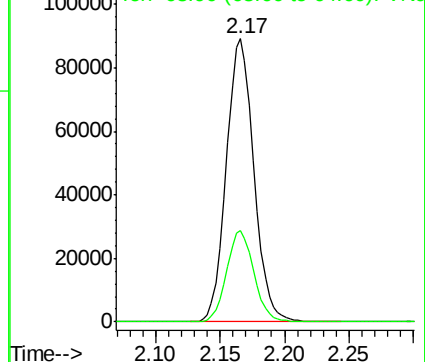
62 100

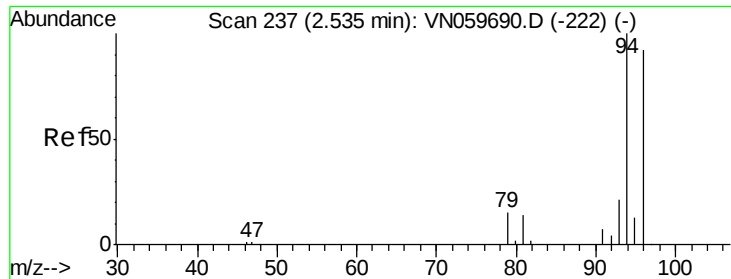
64 32.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

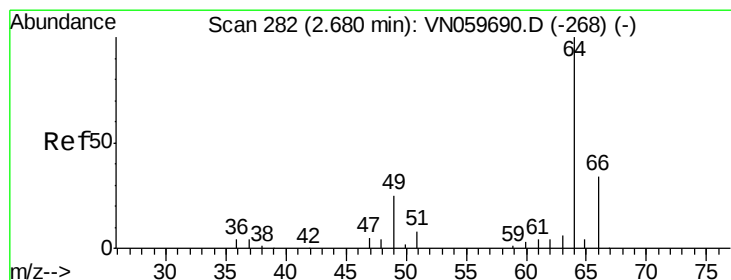
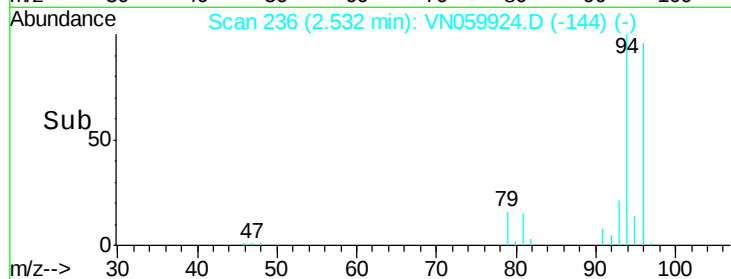
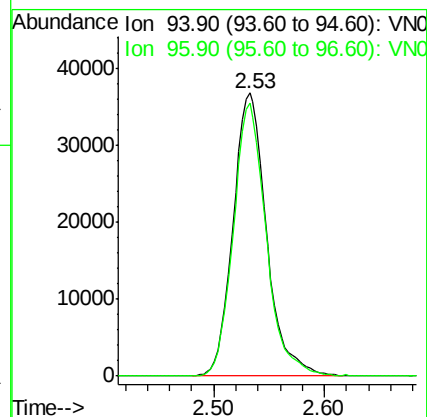
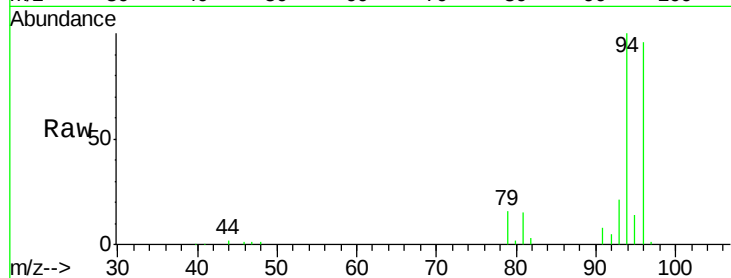




#5
Bromomethane
Concen: 51.646 ug/l
RT: 2.53 min Scan# 236
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

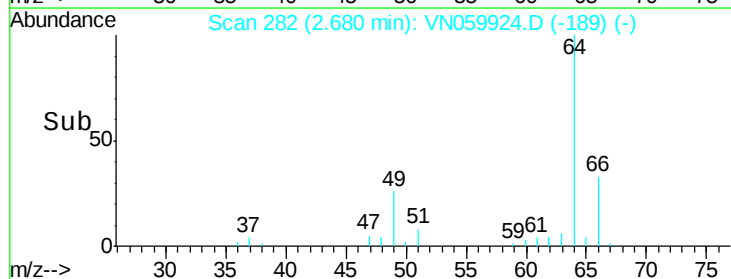
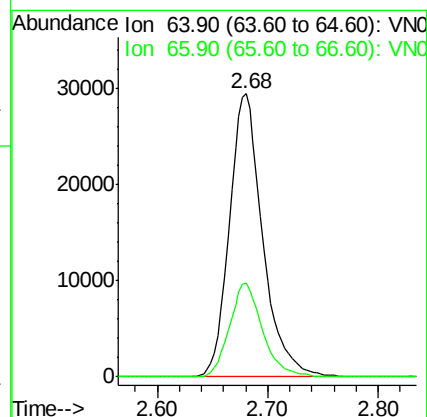
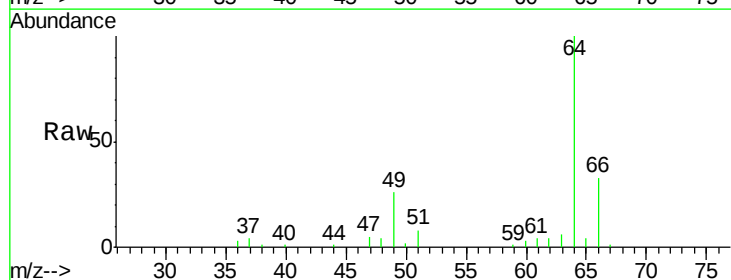
Instrument :
MSVOA_N
ClientSampleId :

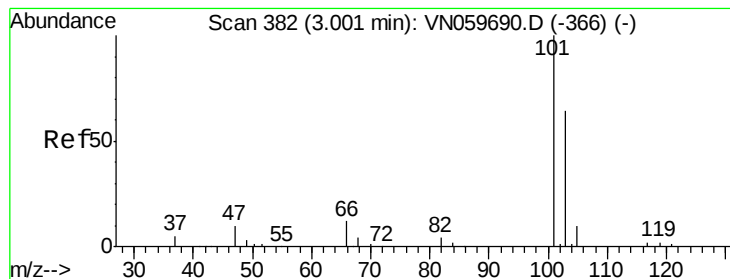
Tot Ion: 94 Resp: 77267
Ion Ratio Lower Upper
94 100
96 96.4 74.7 112.1



#6
Chloroethane
Concen: 53.026 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 64 Resp: 61501
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7



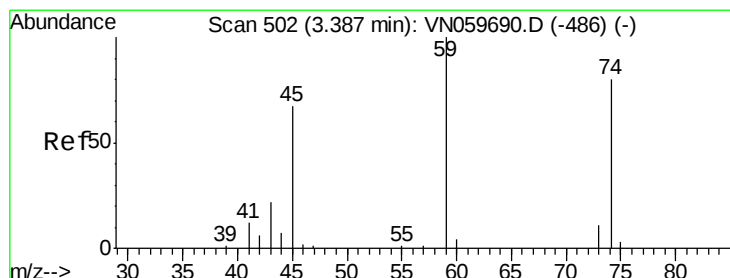
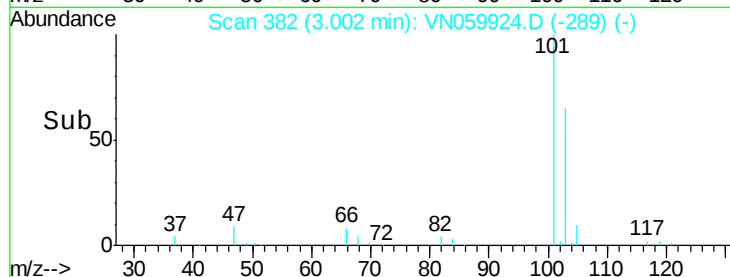
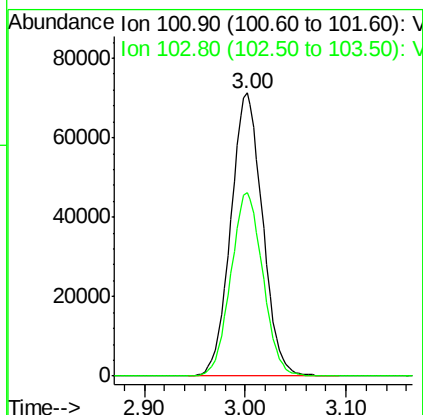
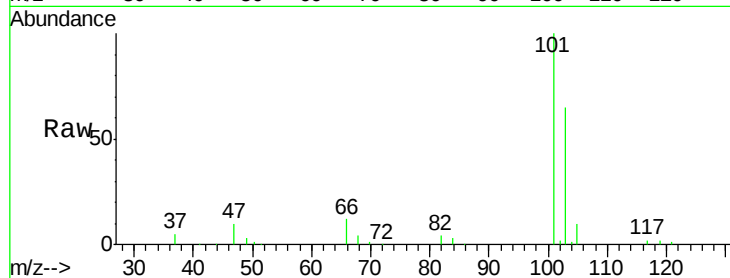


#7

Trichlorofluoromethane
Concen: 52.953 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
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ClientSampleId :

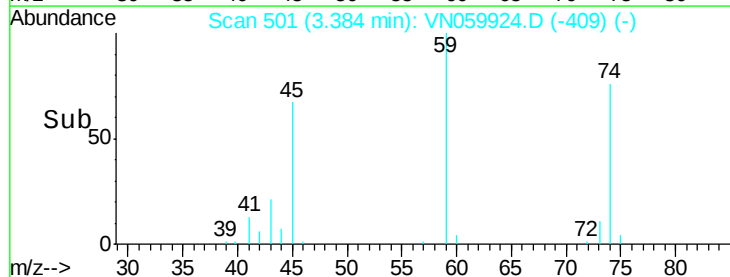
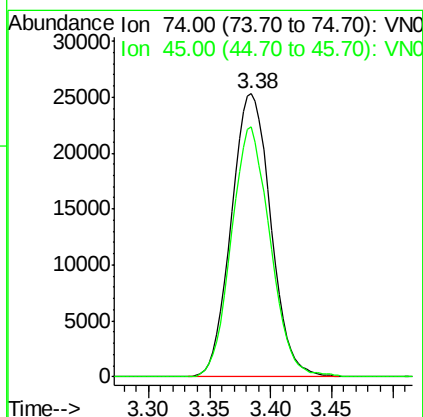
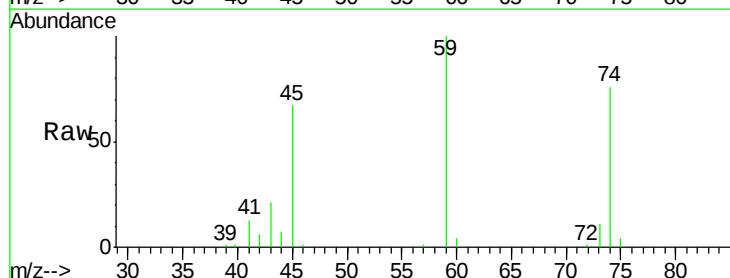
Tot Ion:101 Resp: 155900
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6



#8

Diethyl Ether
Concen: 55.006 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 74 Resp: 56833
Ion Ratio Lower Upper
74 100
45 86.8 51.9 155.8

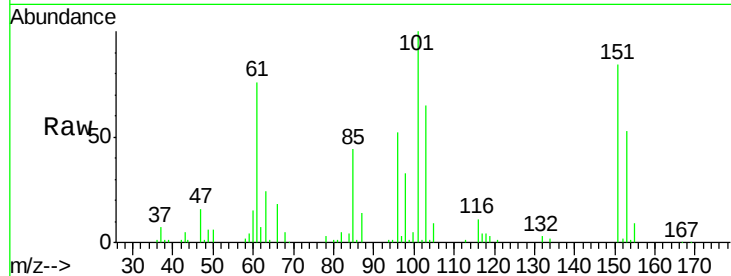




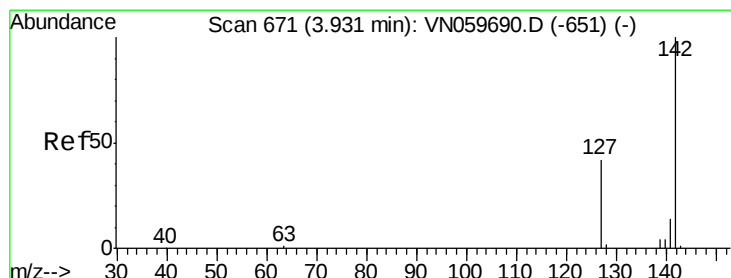
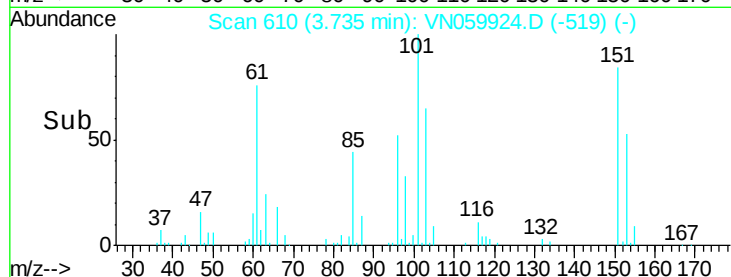
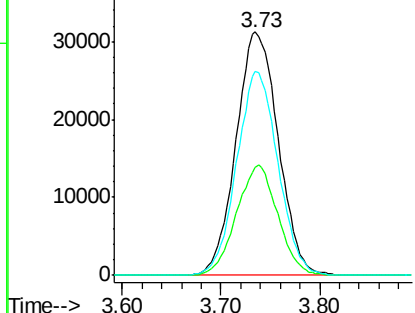
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.552 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 92665
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 81.8 59.7 89.5

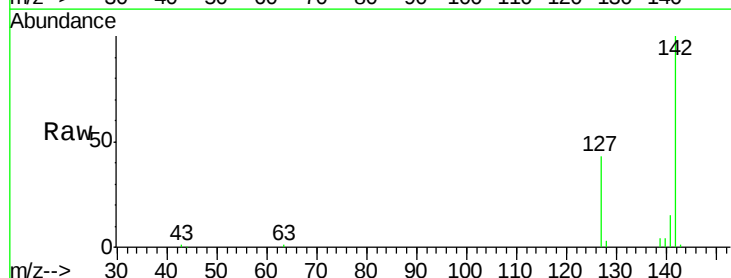


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

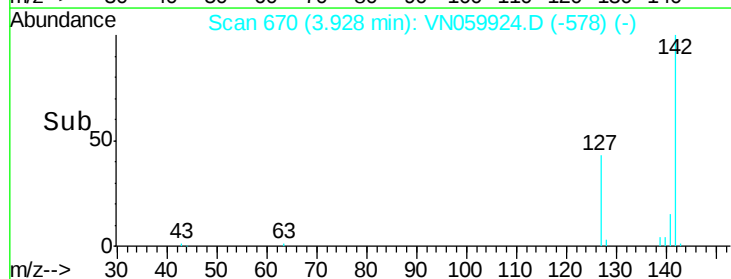
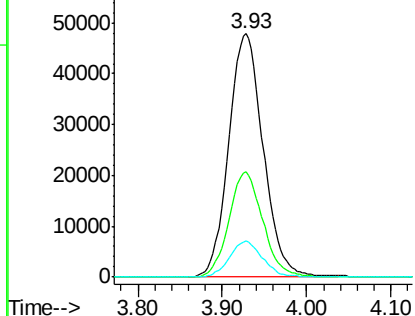


#10
 Methyl Iodide
 Concen: 51.515 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion:142 Resp: 136442
 Ion Ratio Lower Upper
 142 100
 127 42.4 36.7 55.1
 141 14.2 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

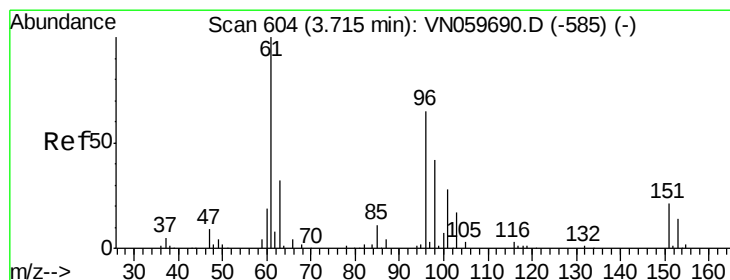
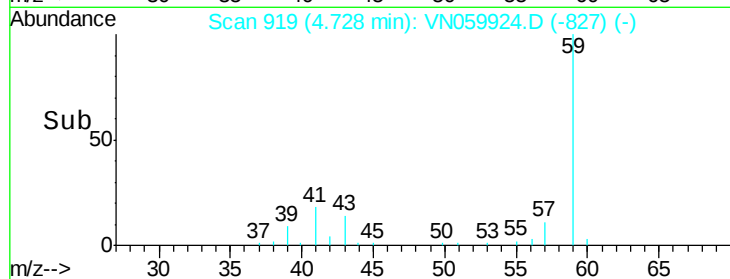
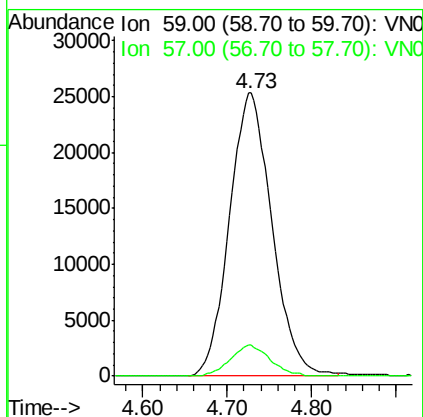
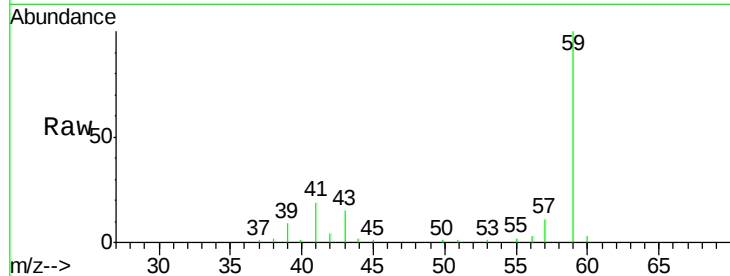




#11
Tert butyl alcohol
Concen: 253.562 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

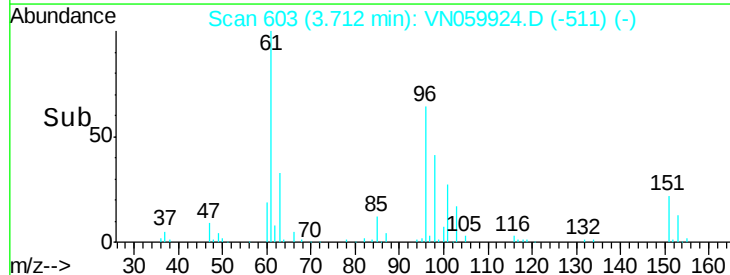
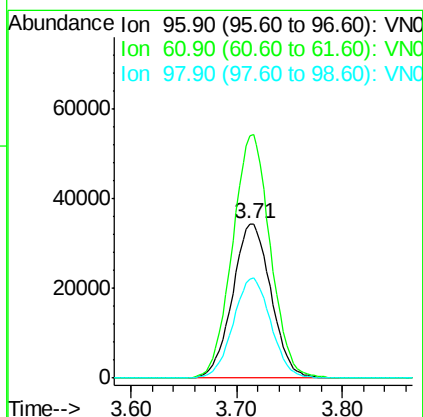
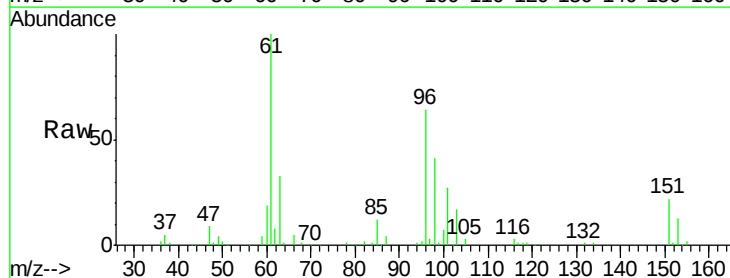
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 88715
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.825 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 96 Resp: 87022
Ion Ratio Lower Upper
96 100
61 156.8 137.5 206.3
98 64.3 50.2 75.4





#13

Acrolein

Concen: 239.771 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

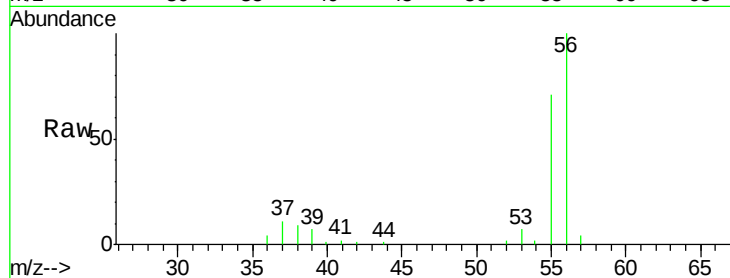
ClientSampleId :

Tot Ion: 56 Resp: 59384

Ion Ratio Lower Upper

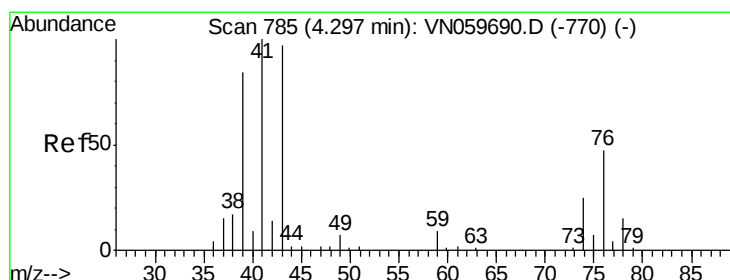
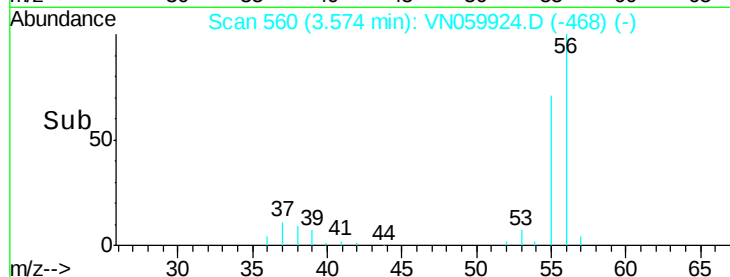
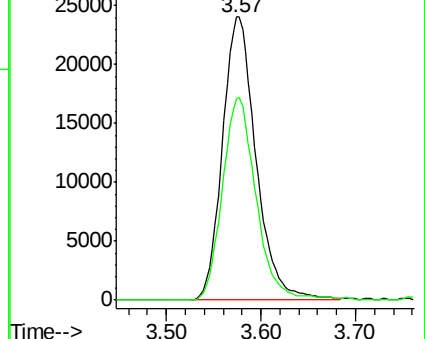
56 100

55 70.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.687 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

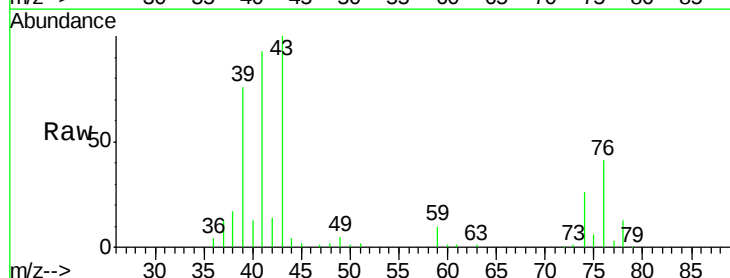
Tgt Ion: 41 Resp: 121593

Ion Ratio Lower Upper

41 100

39 85.0 57.8 86.8

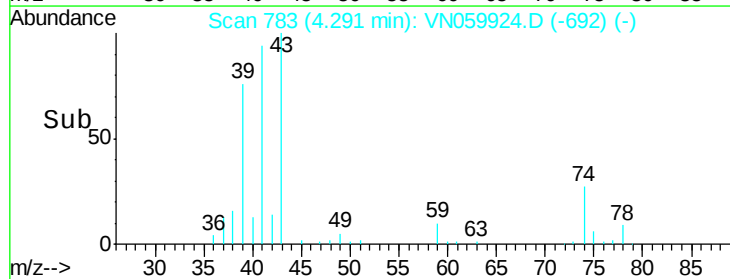
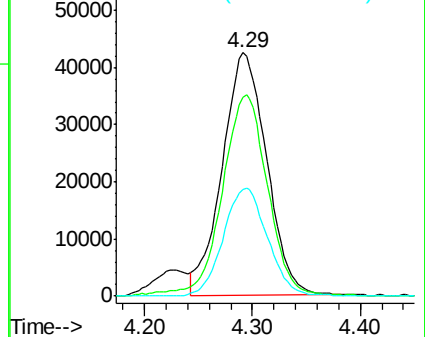
76 44.2 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 277.300 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

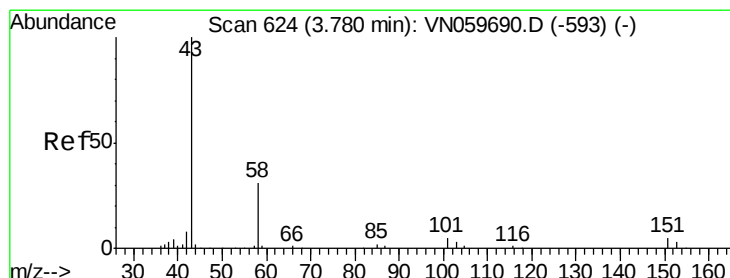
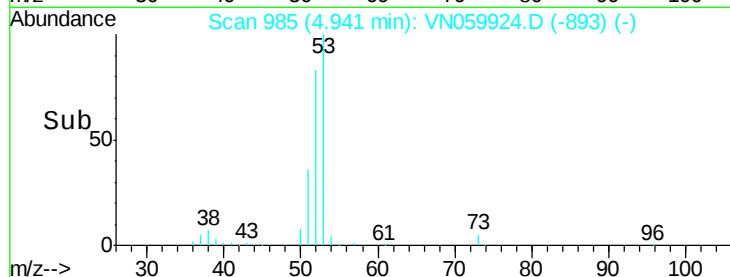
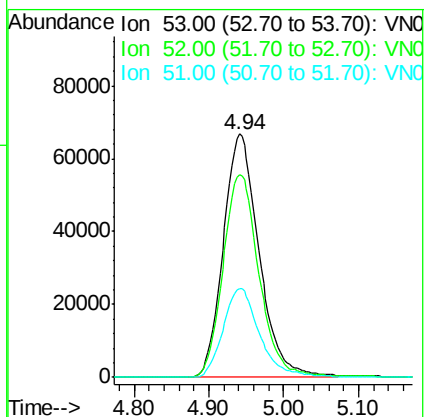
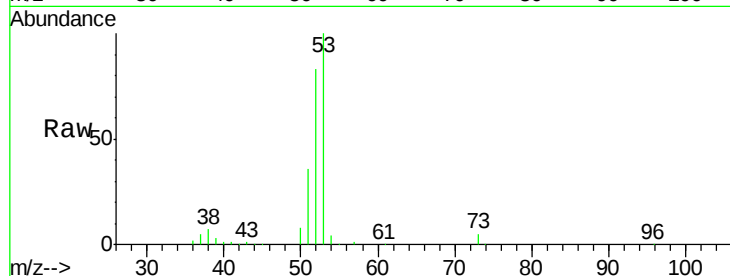
Tot Ion: 53 Resp: 221311

Ion Ratio Lower Upper

53 100

52 84.0 66.3 99.5

51 37.4 29.7 44.5



#16

Acetone

Concen: 344.982 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059924.D

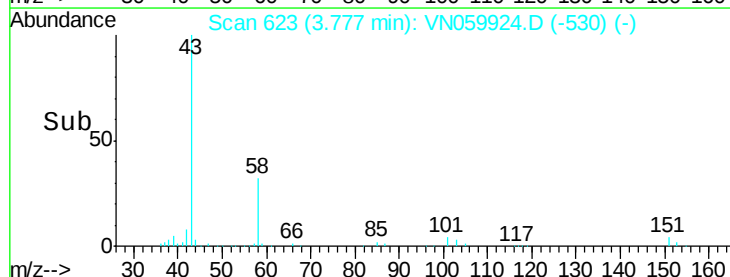
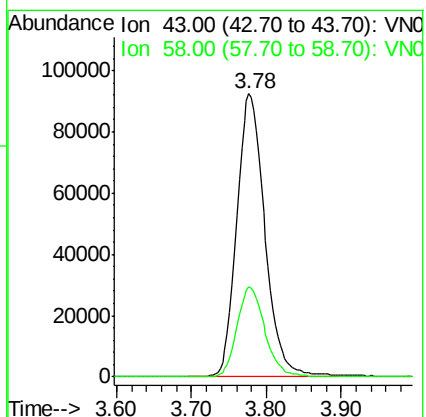
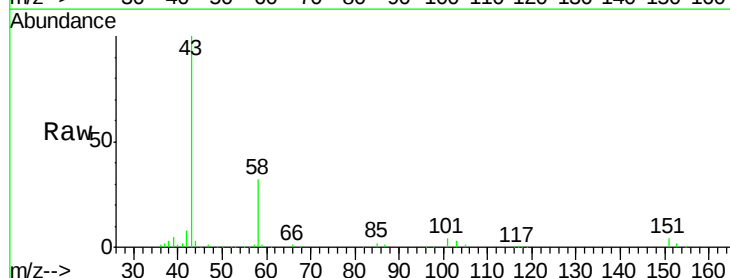
Acq: 30 Jan 2020 13:07

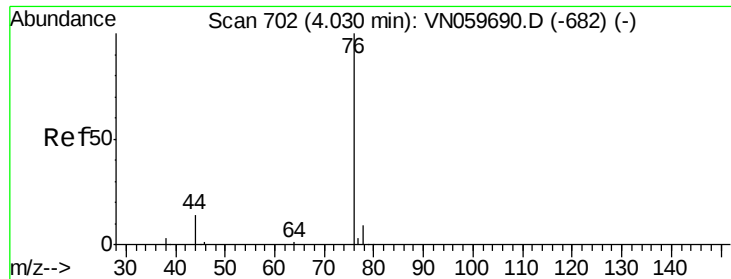
Tgt Ion: 43 Resp: 241847

Ion Ratio Lower Upper

43 100

58 31.8 23.6 35.4

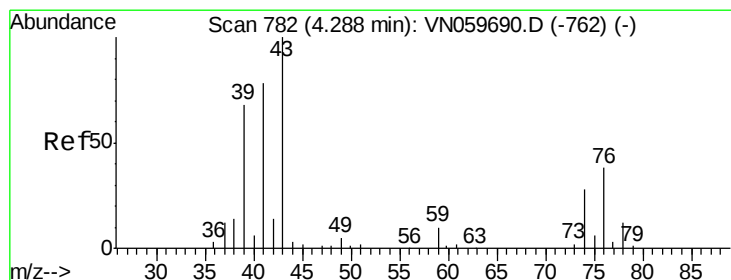
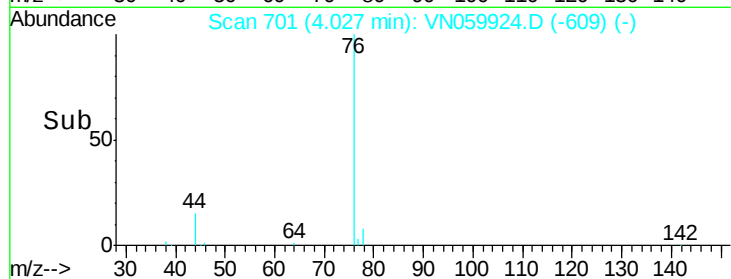
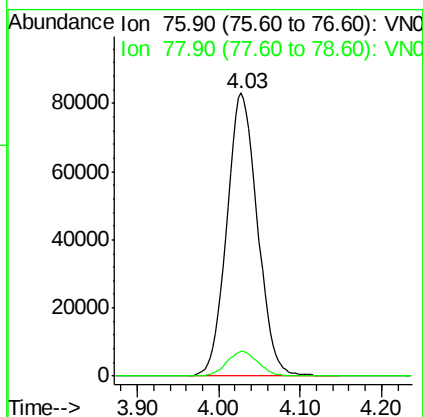
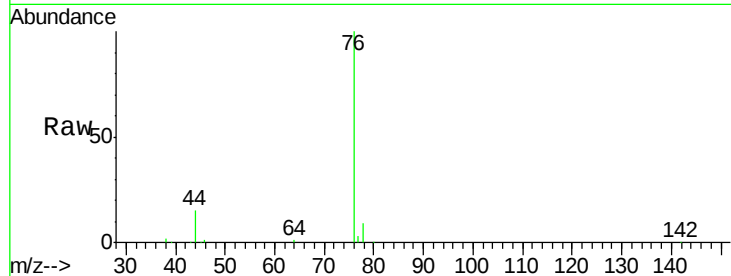




#17
Carbon Disulfide
Concen: 44.895 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

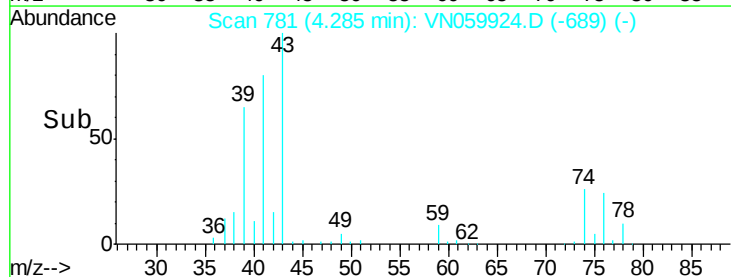
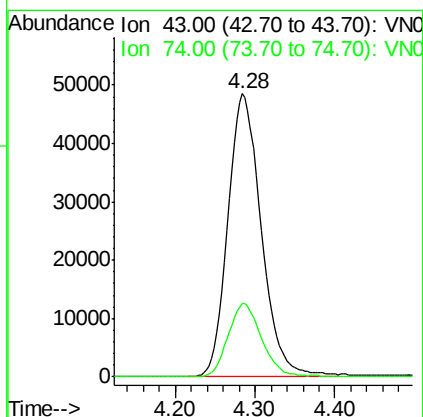
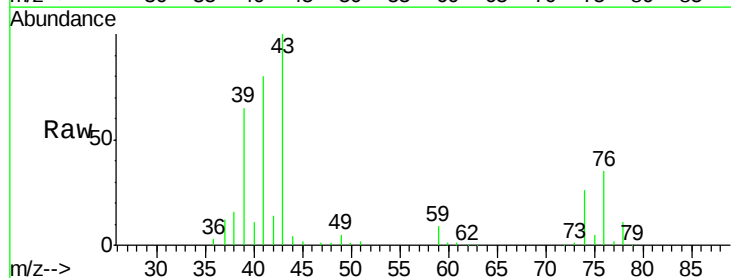
Instrument :
MSVOA_N
ClientSampleId :

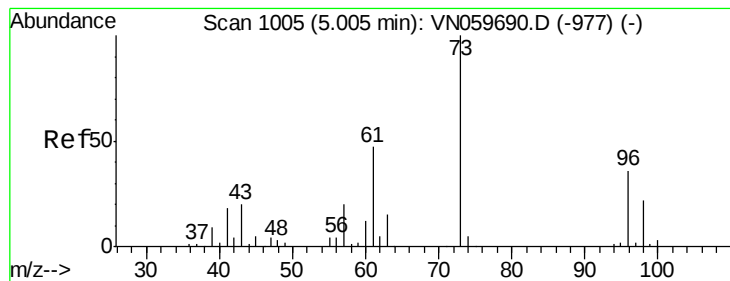
Tot Ion: 76 Resp: 218975
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 56.831 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 43 Resp: 137964
Ion Ratio Lower Upper
43 100
74 25.7 17.5 26.3



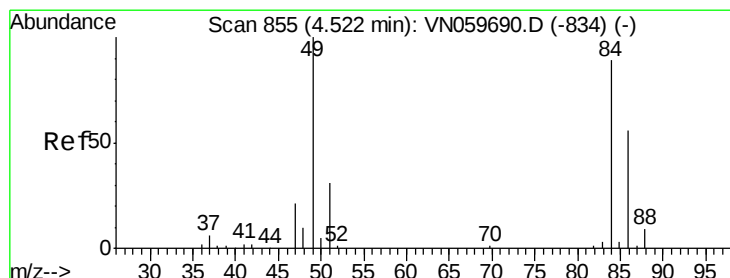
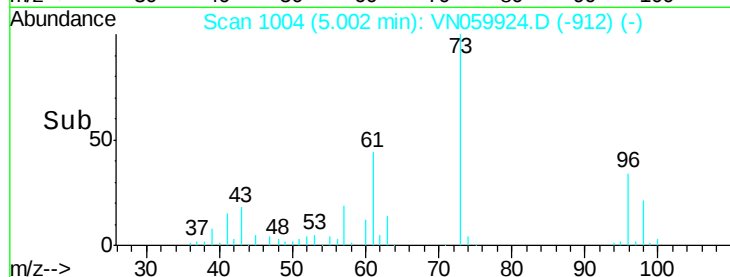
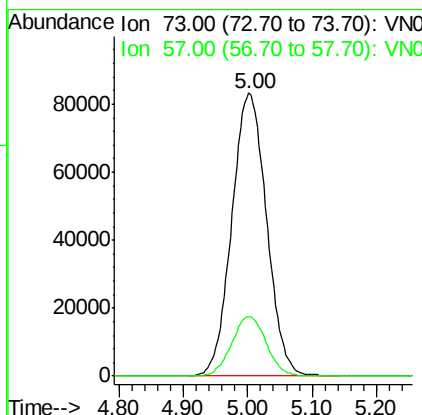
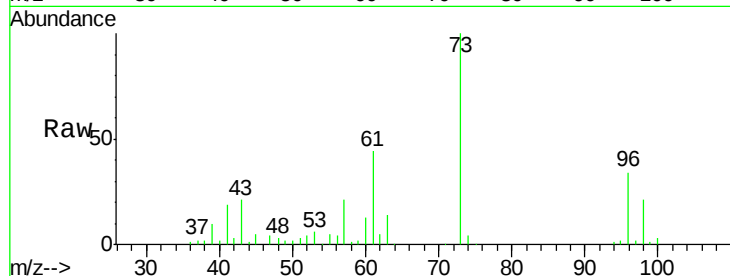


#19

Methyl tert-butyl Ether
 Concen: 55.973 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampled :

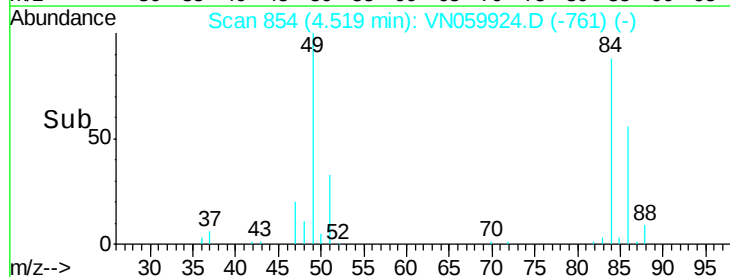
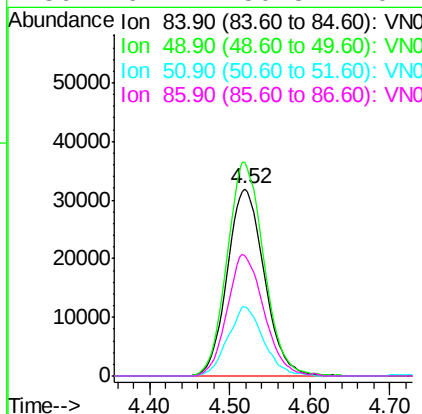
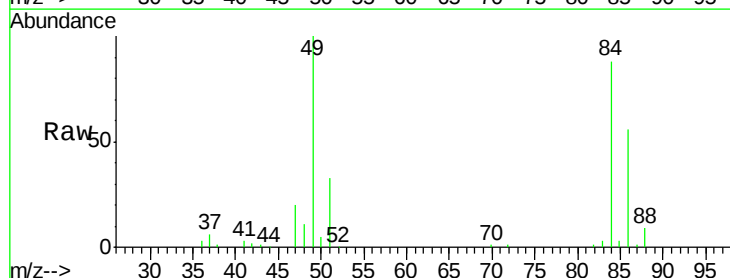
Tot Ion: 73 Resp: 312472
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.6 27.8

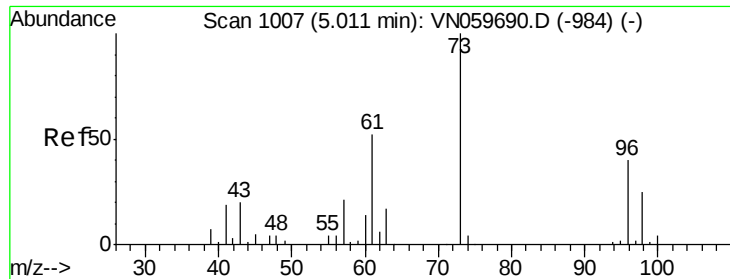


#20

Methylene Chloride
 Concen: 53.504 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 84 Resp: 100434
 Ion Ratio Lower Upper
 84 100
 49 114.1 106.6 160.0
 51 37.3 31.9 47.9
 86 64.2 50.8 76.2

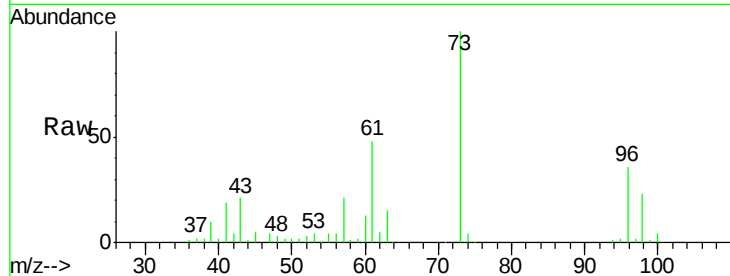




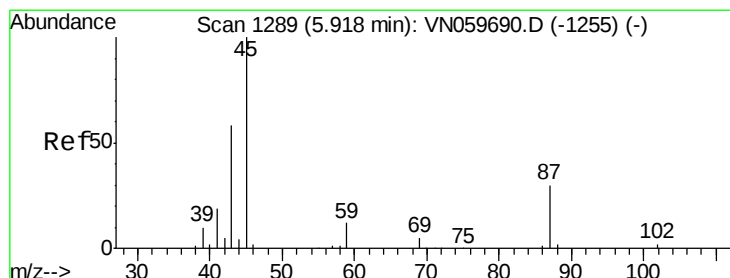
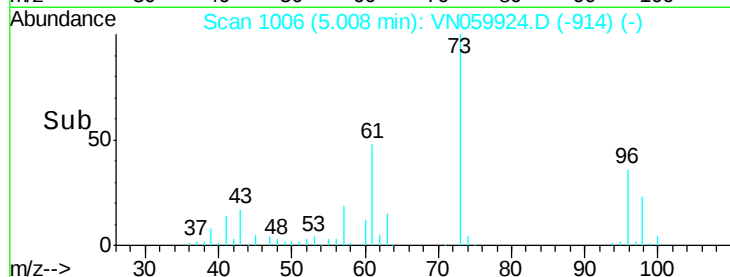
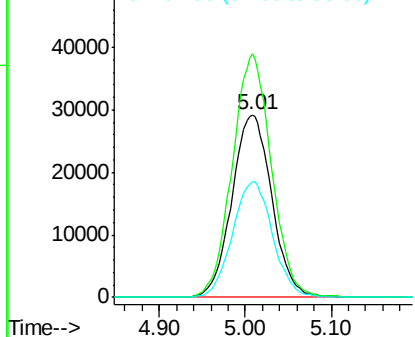
#21
trans-1,2-Dichloroethene
Concen: 51.712 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 94118
Ion Ratio Lower Upper
96 100
61 133.2 120.4 180.6
98 63.4 50.6 75.8

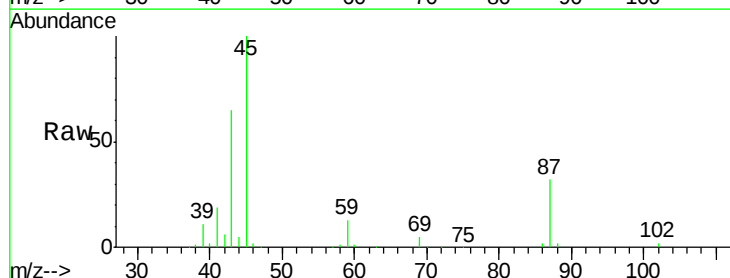


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

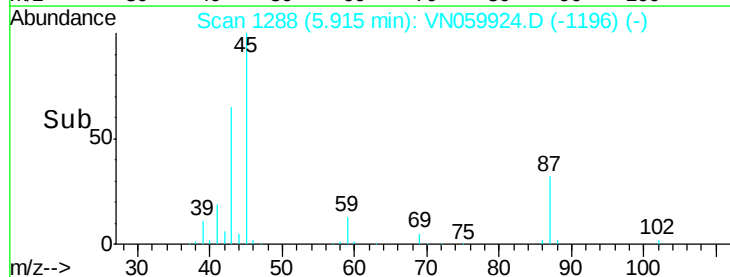
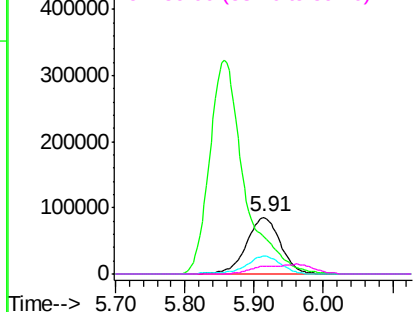


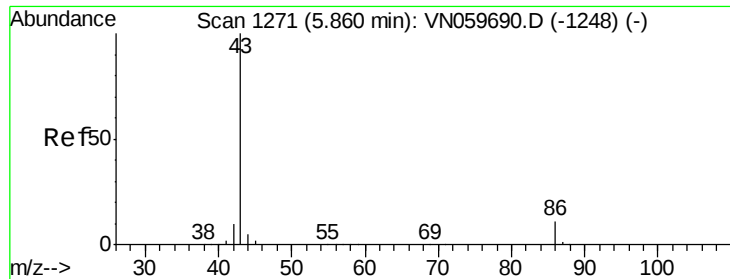
#22
Diisopropyl ether
Concen: 55.359 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 45 Resp: 289529
Ion Ratio Lower Upper
45 100
43 63.6 50.8 76.2
87 31.6 21.0 31.6#
59 12.8 9.1 13.7



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

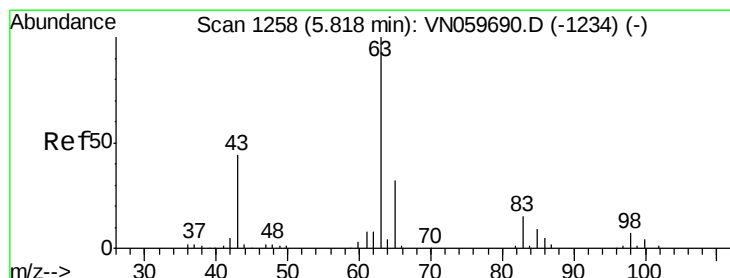
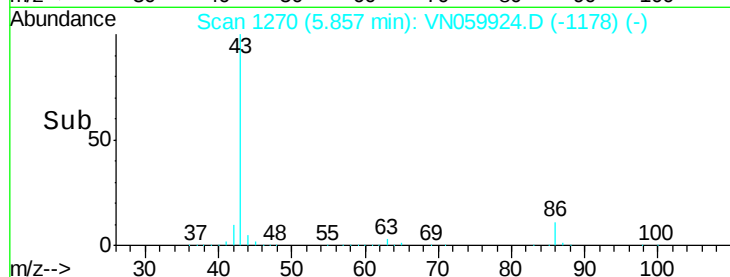
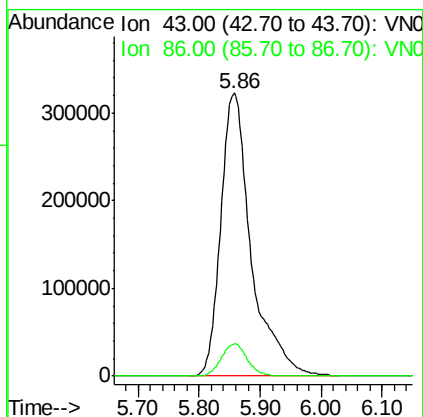
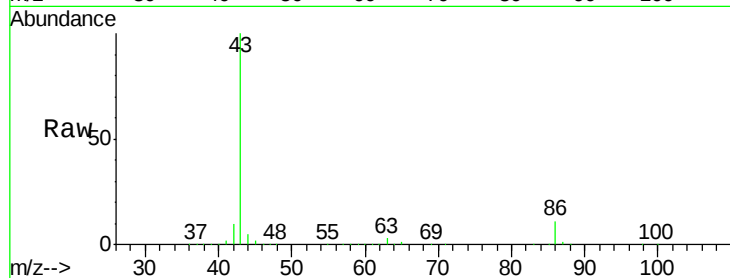




#23
 Vinyl Acetate
 Concen: 276.632 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

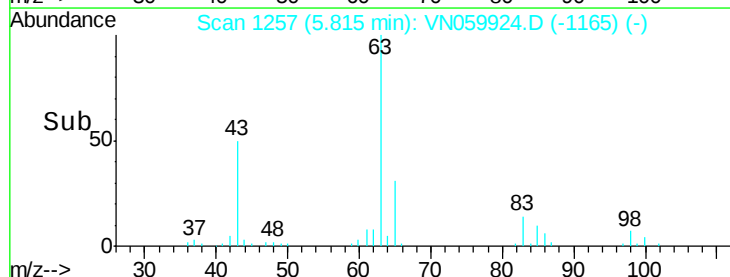
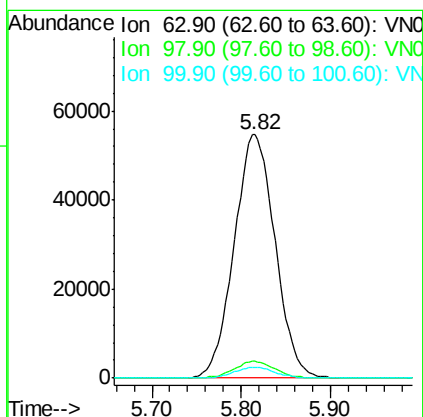
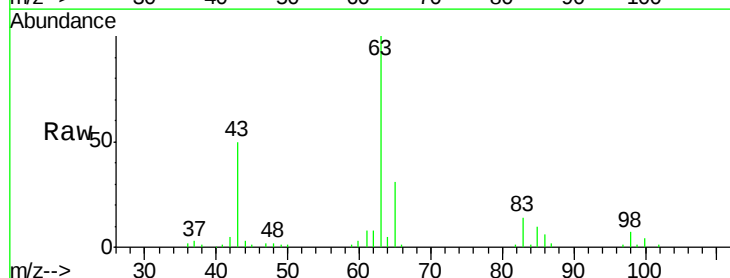
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 1120170
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 54.381 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 63 Resp: 173785
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.2 2.0 6.0

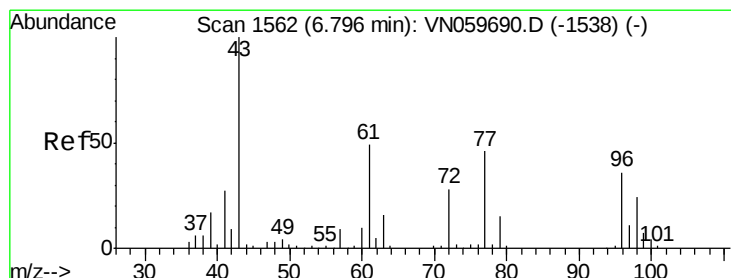
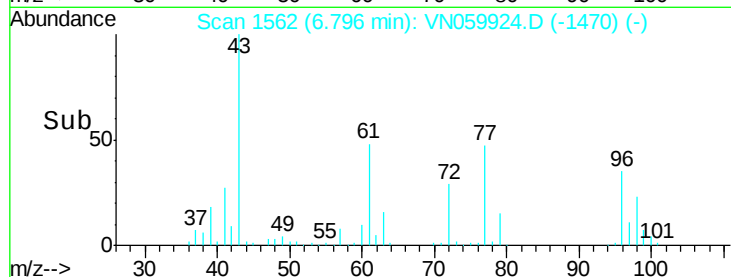
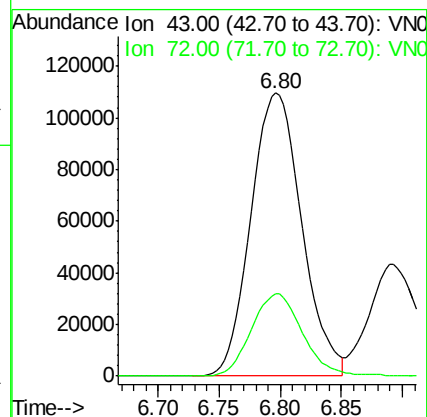
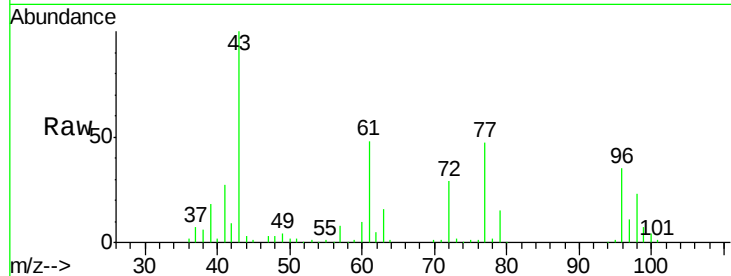




#25
2-Butanone
Concen: 269.997 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

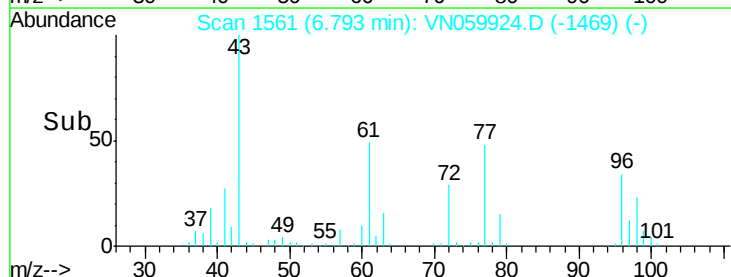
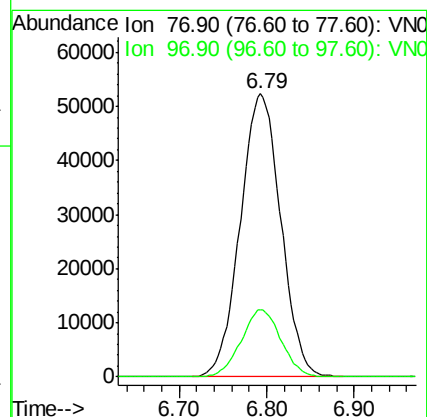
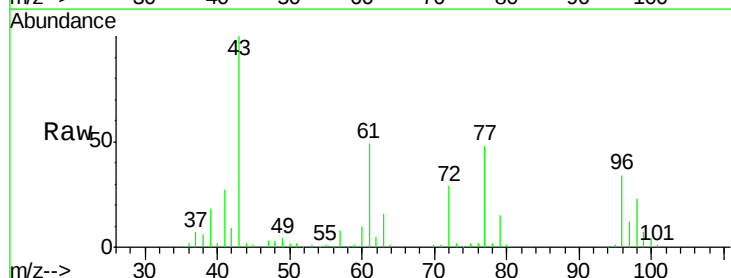
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 317771
Ion Ratio Lower Upper
43 100
72 29.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 54.612 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 77 Resp: 167781
Ion Ratio Lower Upper
77 100
97 23.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 53.871 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

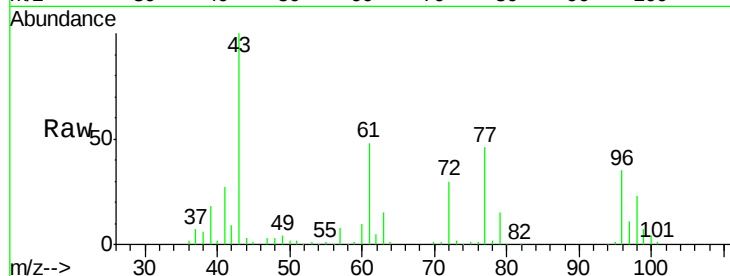
Tot Ion: 96 Resp: 112772

Ion Ratio Lower Upper

96 100

61 140.5 0.0 317.6

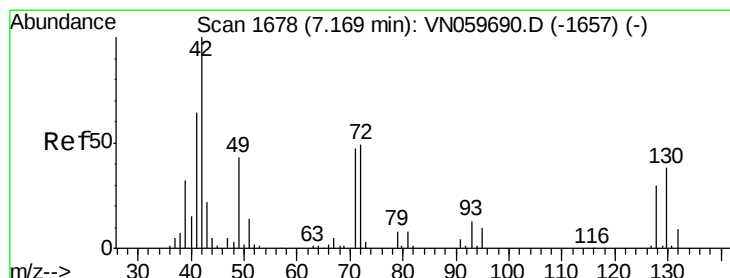
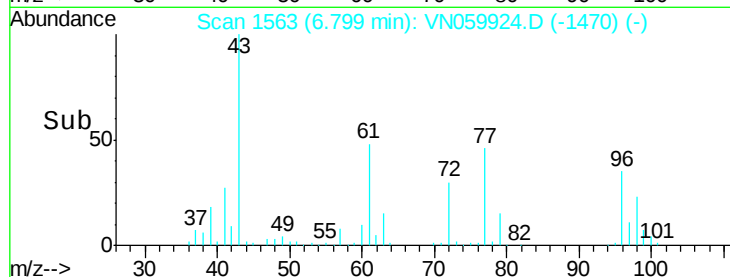
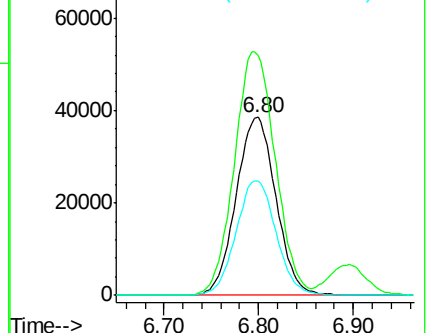
98 64.6 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059924.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059924.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059924.D (-1470) (-)



#28

Bromochloromethane

Concen: 52.080 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

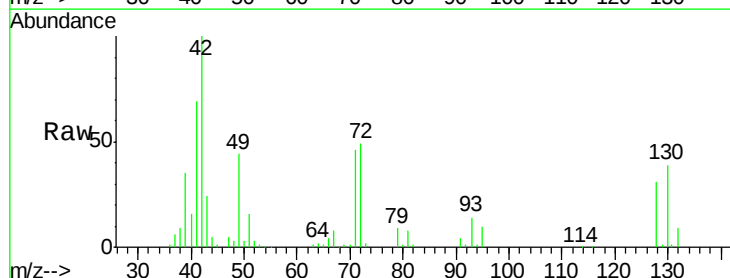
Tgt Ion: 49 Resp: 66519

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

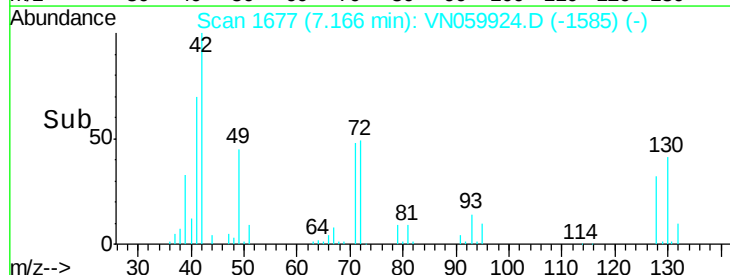
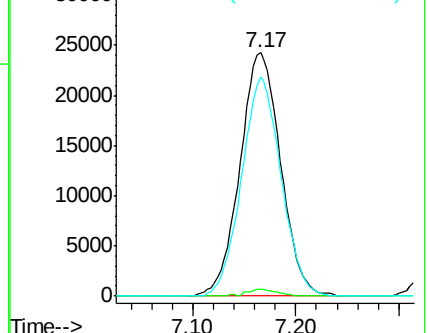
130 87.3 54.7 82.1#

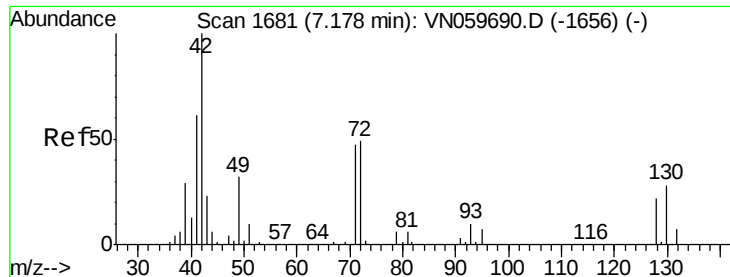


Abundance Ion 48.90 (48.60 to 49.60): VN059924.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059924.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059924.D (-1585) (-)

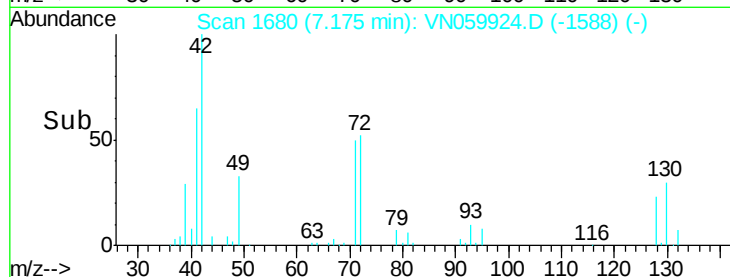
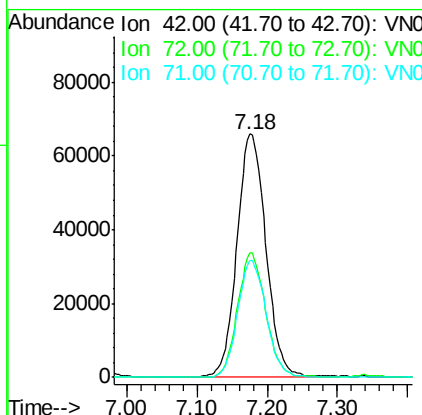
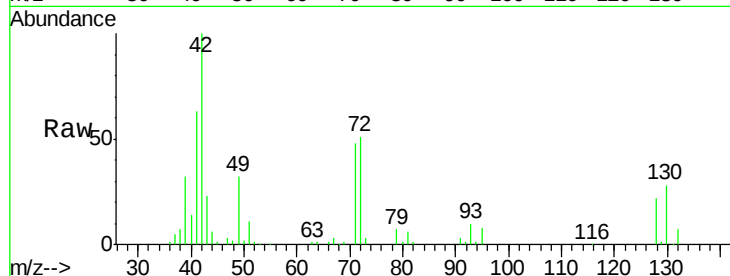




#29
Tetrahydrofuran
Concen: 261.024 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

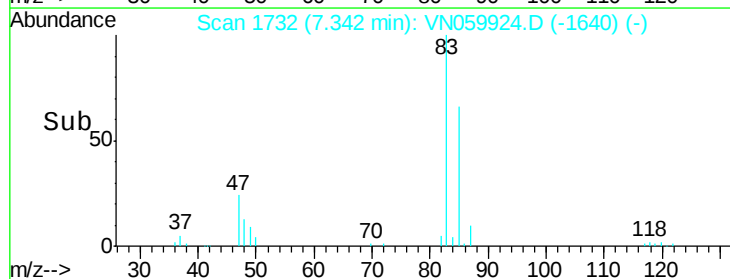
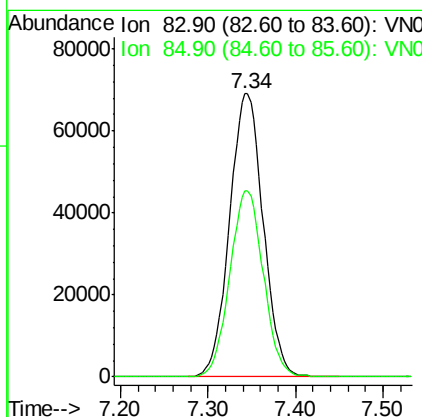
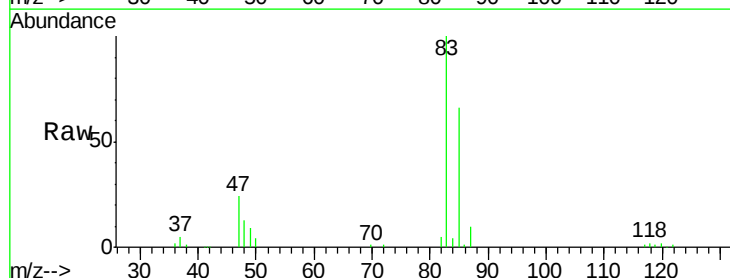
Instrument :
MSVOA_N
ClientSampled :

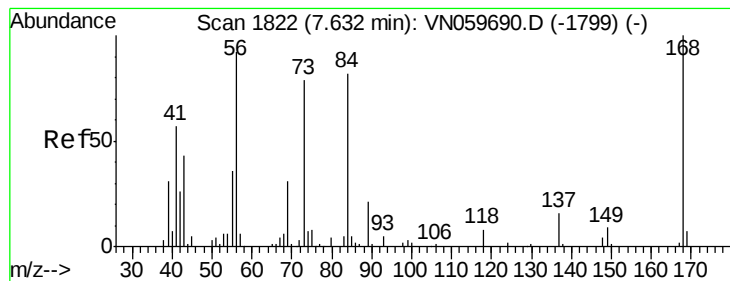
Tot Ion: 42 Resp: 190077
Ion Ratio Lower Upper
42 100
72 49.2 33.1 49.7
71 46.7 31.4 47.0



#30
Chloroform
Concen: 55.673 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 83 Resp: 184338
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6





#31

Cyclohexane

Concen: 47.377 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

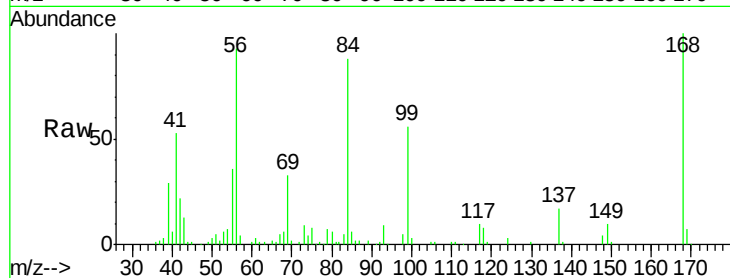
Tot Ion: 56 Resp: 145685

Ion Ratio Lower Upper

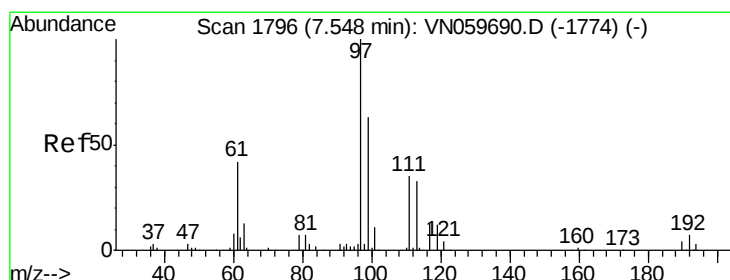
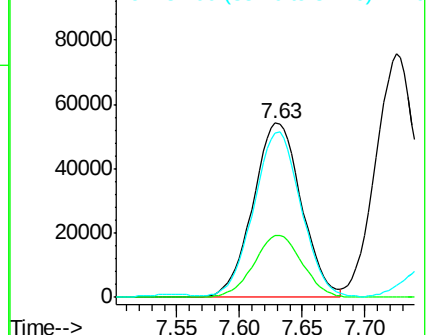
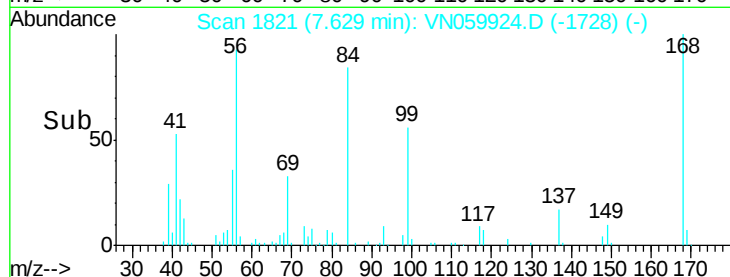
56 100

69 35.4 26.5 39.7

84 93.0 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059924.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 54.723 ug/l

RT: 7.55 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

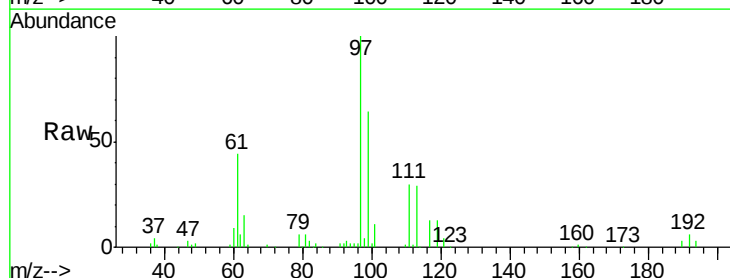
Tgt Ion: 97 Resp: 167533

Ion Ratio Lower Upper

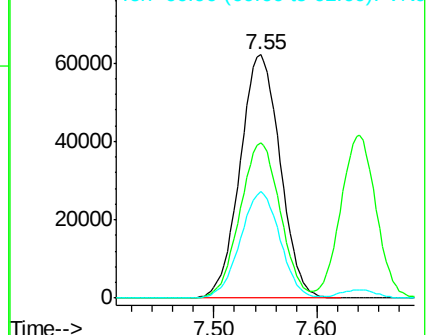
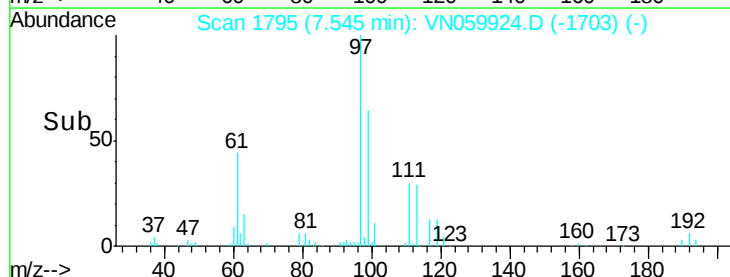
97 100

99 64.1 51.0 76.4

61 43.4 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN059924.D (-1703) (-)

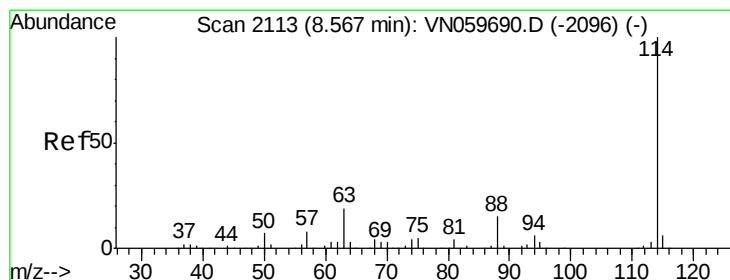
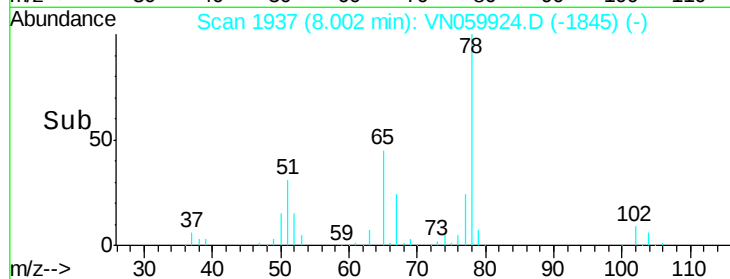
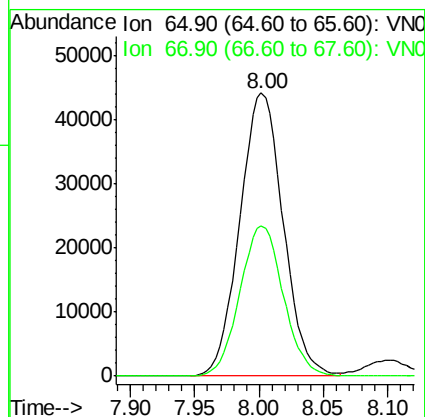
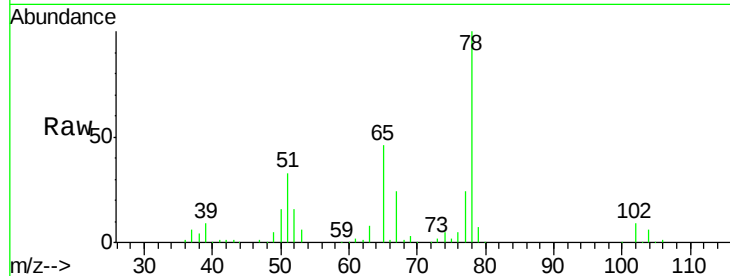




#33
 1,2-Dichloroethane-d4
 Concen: 49.902 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

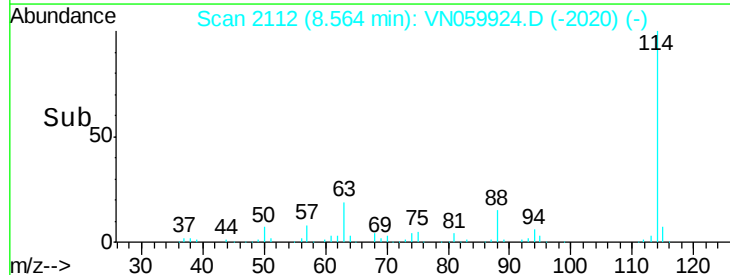
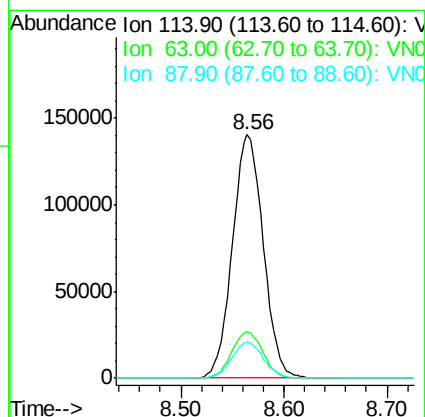
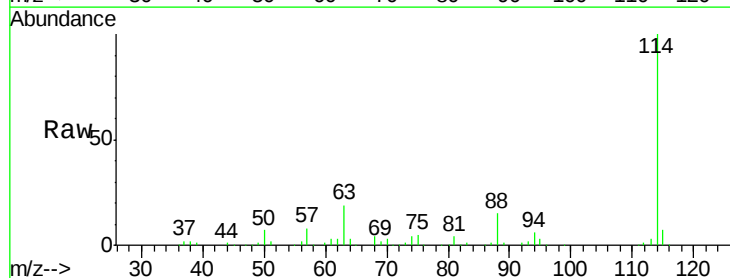
Instrument :
 MSVOA_N
 ClientSampled :

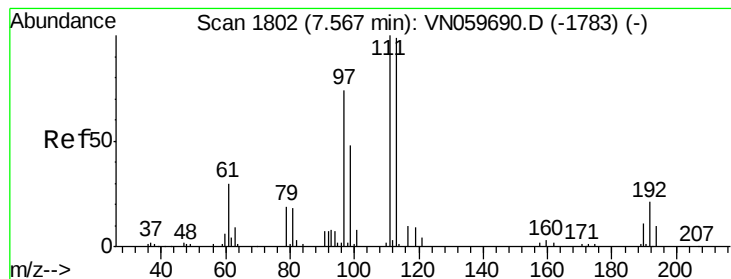
Tot Ion: 65 Resp: 103713
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 114 Resp: 292155
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.494 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :

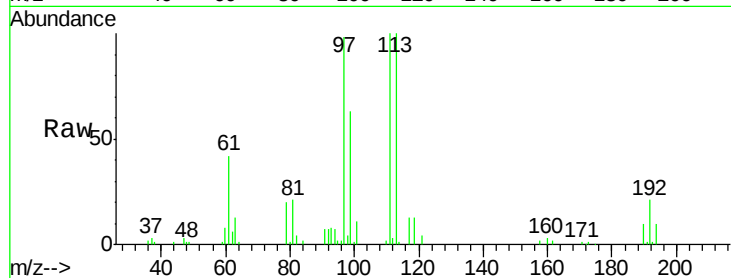
Tot Ion:113 Resp: 87973

Ion Ratio Lower Upper

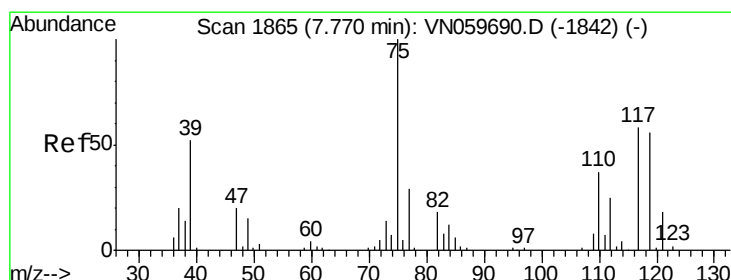
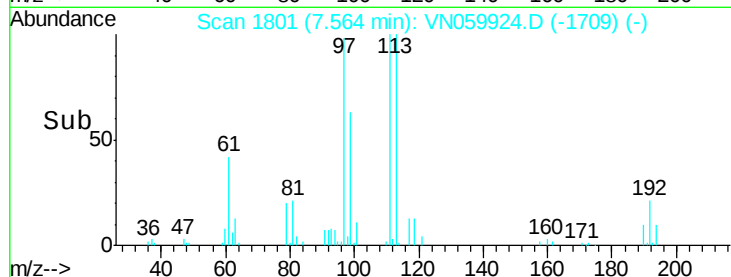
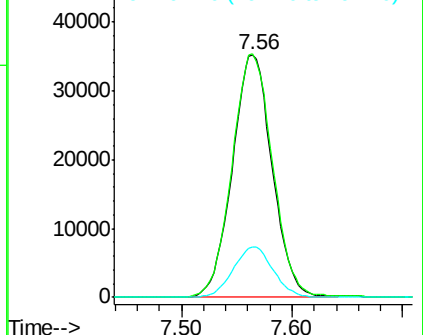
113 100

111 102.2 83.5 125.3

192 20.8 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: 52.018 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

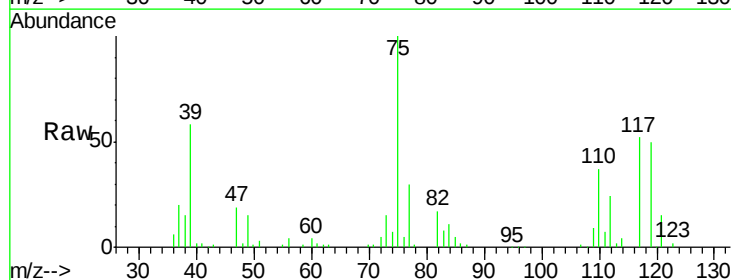
Tgt Ion: 75 Resp: 132343

Ion Ratio Lower Upper

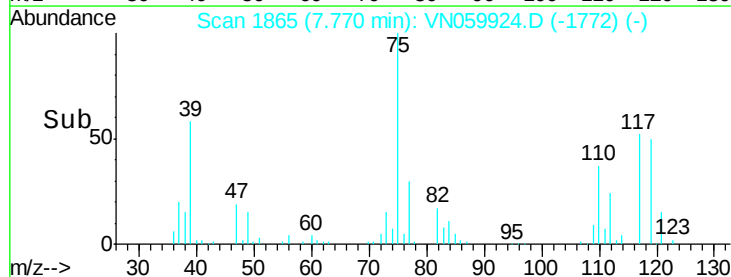
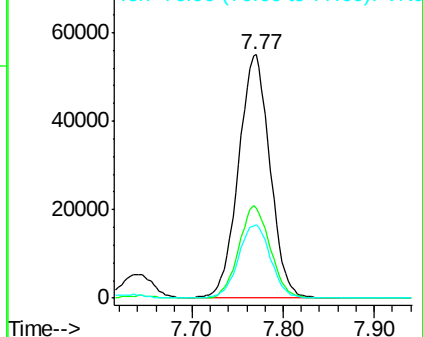
75 100

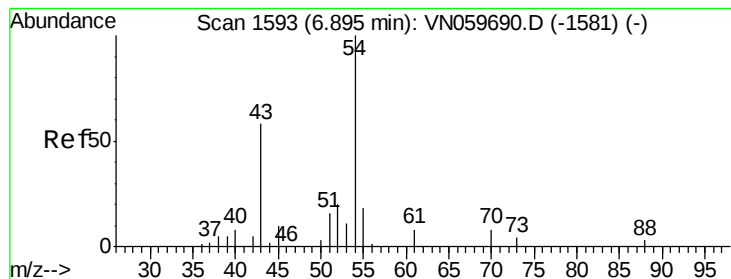
110 37.4 16.6 49.7

77 30.6 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: 51.775 ug/l

RT: 6.89 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

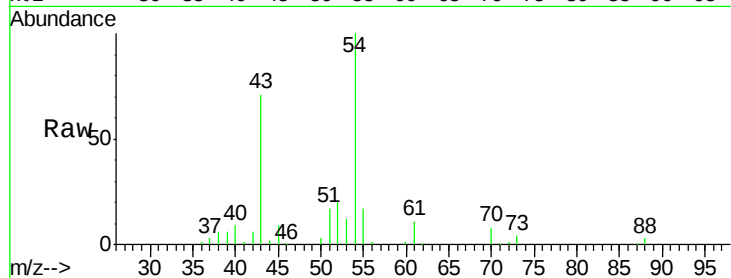
Tot Ion: 43 Resp: 123546

Ion Ratio Lower Upper

43 100

61 15.2 10.9 16.3

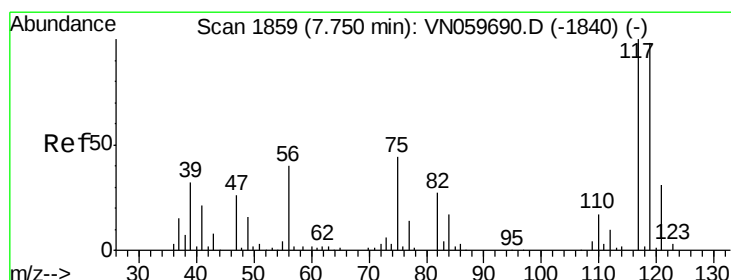
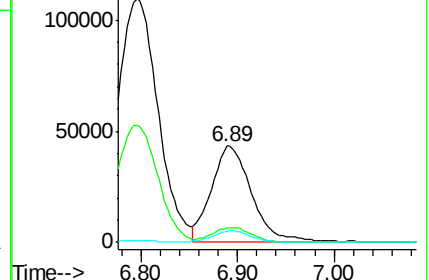
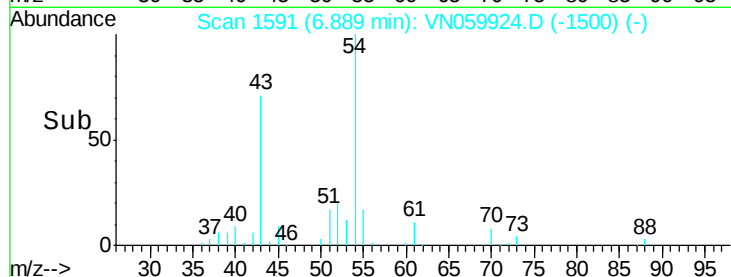
70 11.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059924.D (-1500) (-)

Ion 60.90 (60.60 to 61.60): VN059924.D (-1500) (-)

Ion 70.00 (69.70 to 70.70): VN059924.D (-1500) (-)



#38

Carbon Tetrachloride

Concen: 53.783 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

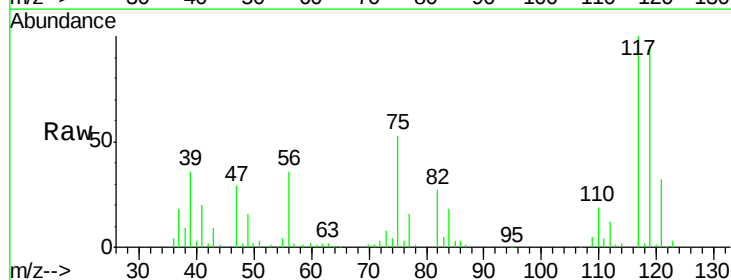
Tgt Ion: 117 Resp: 148846

Ion Ratio Lower Upper

117 100

119 95.9 76.5 114.7

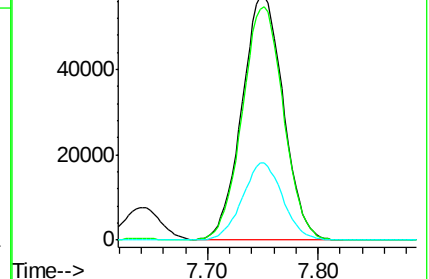
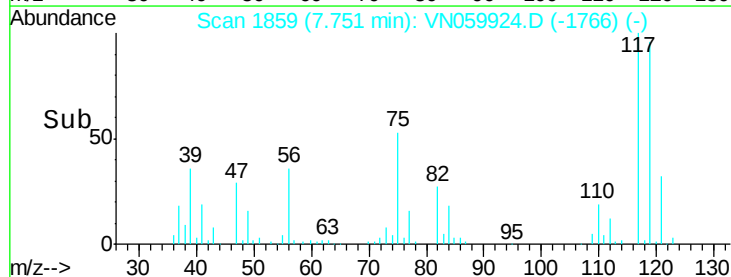
121 31.8 25.1 37.7

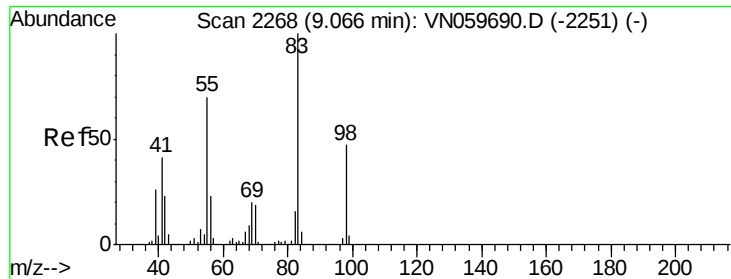


Abundance Ion 116.80 (116.50 to 117.50): VN059924.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN059924.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN059924.D (-1766) (-)

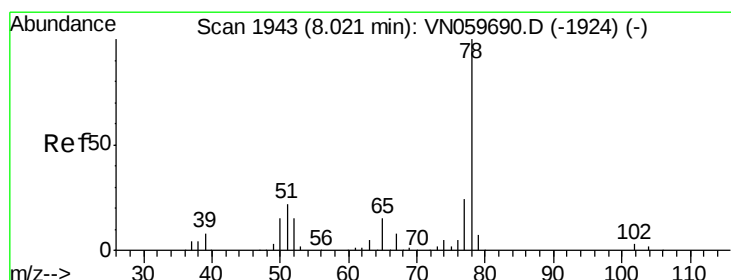
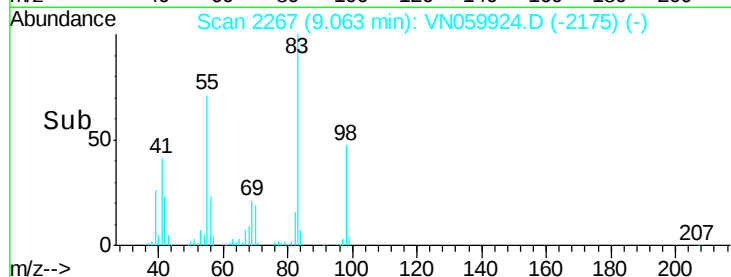
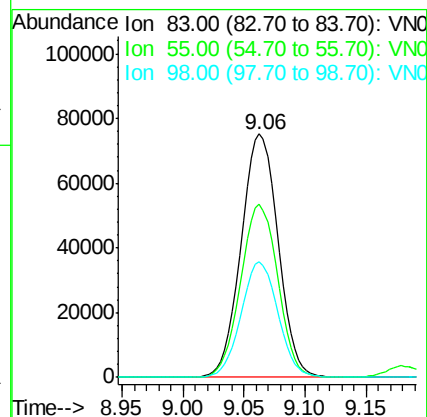
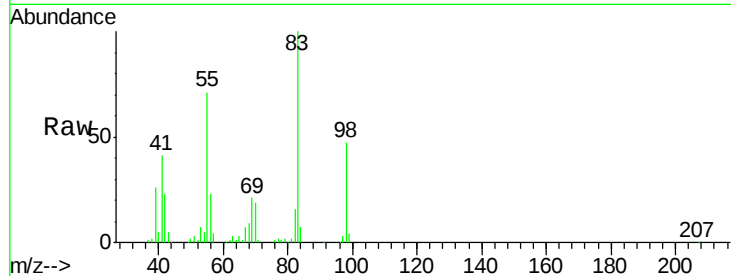




#39
Methvlcvclohexane
Concen: 50.327 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

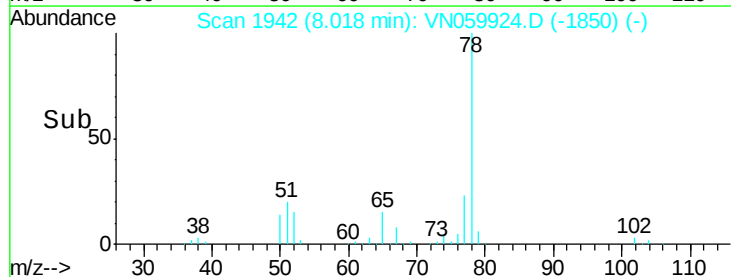
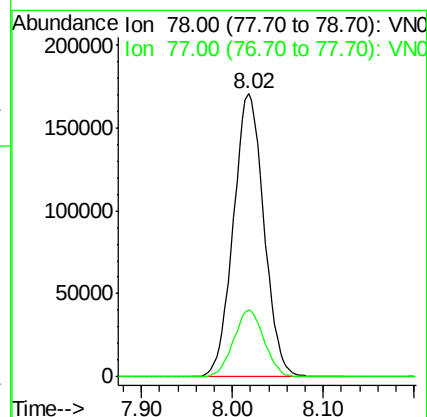
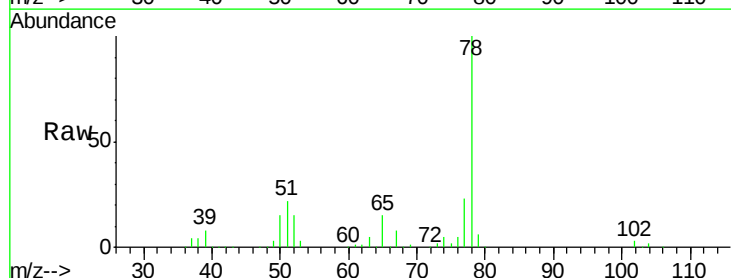
Instrument :
MSVOA_N
ClientSampled :

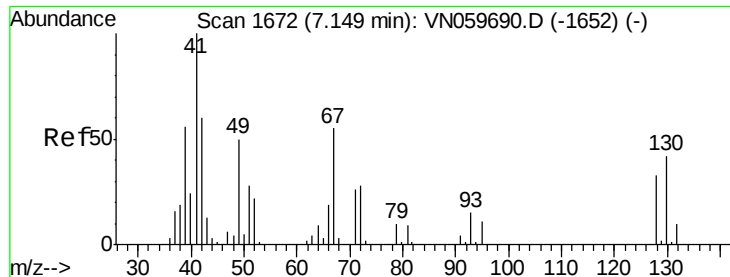
Tot Ion: 83 Resp: 157878
Ion Ratio Lower Upper
83 100
55 70.9 64.2 96.2
98 47.4 35.9 53.9



#40
Benzene
Concen: 52.417 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 78 Resp: 397726
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

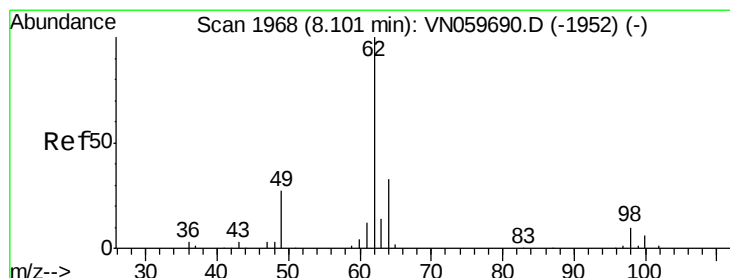
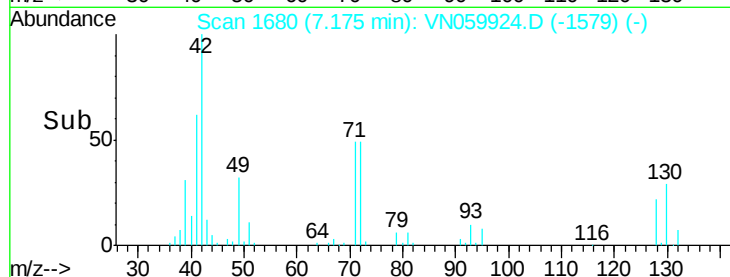
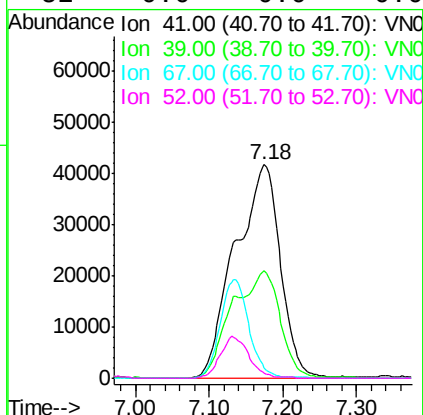
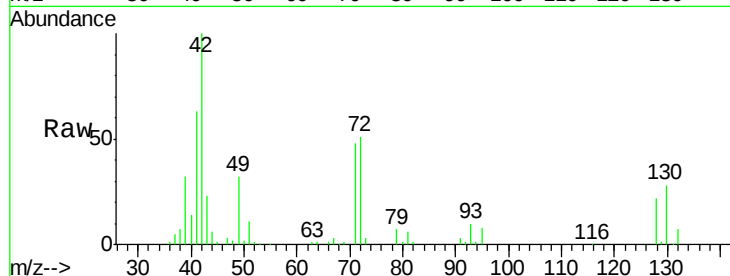




#41
Methacrylonitrile
Concen: 151.335 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

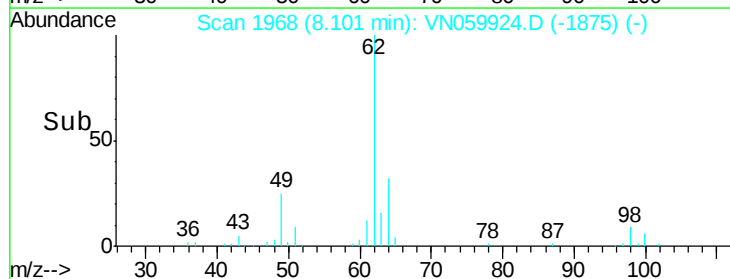
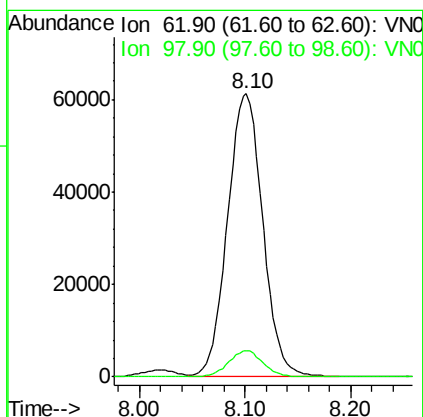
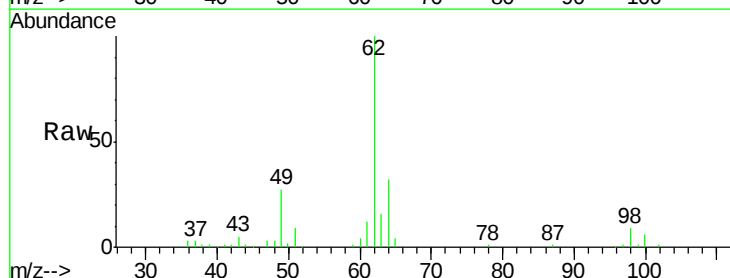
Instrument :
MSVOA_N
ClientSampled :

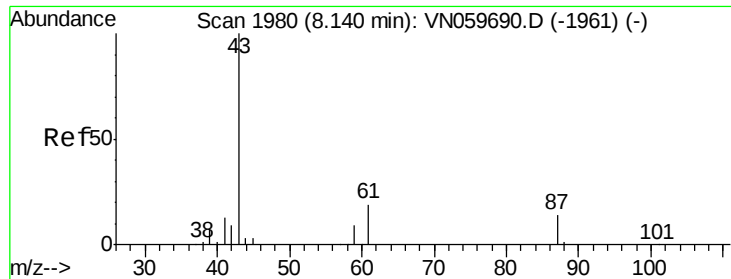
Tot Ion:	41	Resp:	177872
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 55.258 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:	62	Resp:	142158
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 53.202 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

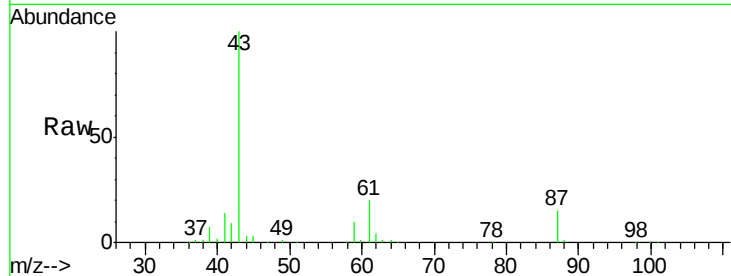
Tot Ion: 43 Resp: 218364

Ion Ratio Lower Upper

43 100

61 26.9 20.2 30.2

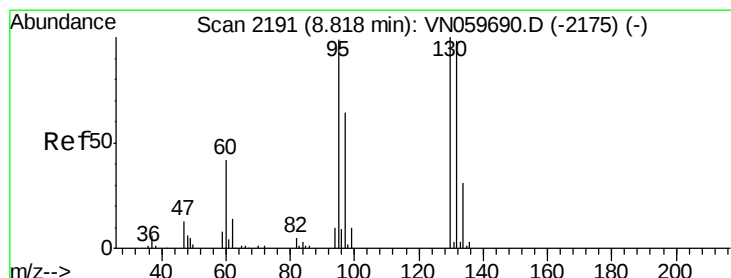
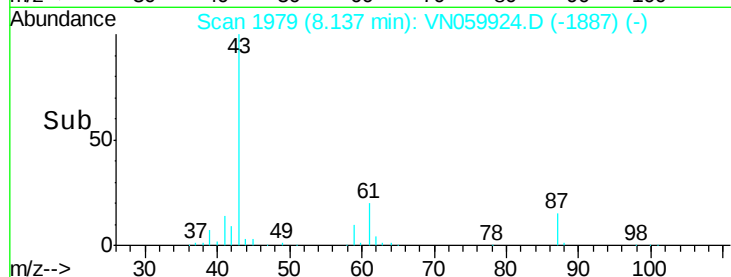
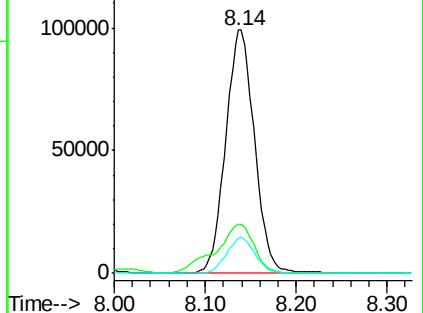
87 14.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059924.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059924.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059924.D (-1961) (-)



#44

Trichloroethene

Concen: 55.344 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059924.D

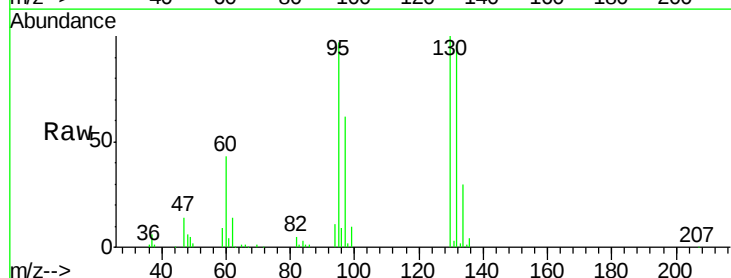
Acq: 30 Jan 2020 13:07

Tgt Ion:130 Resp: 114638

Ion Ratio Lower Upper

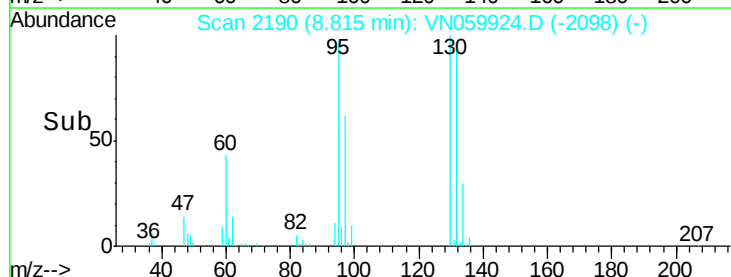
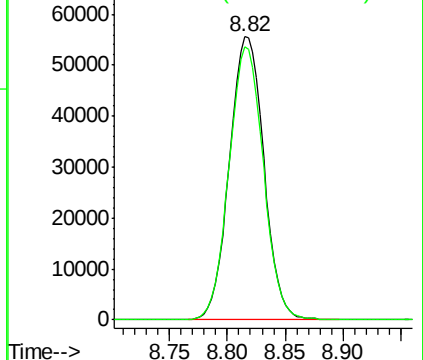
130 100

95 96.7 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059924.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059924.D (-2175) (-)

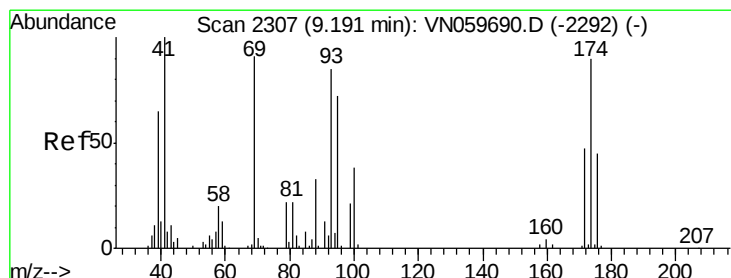
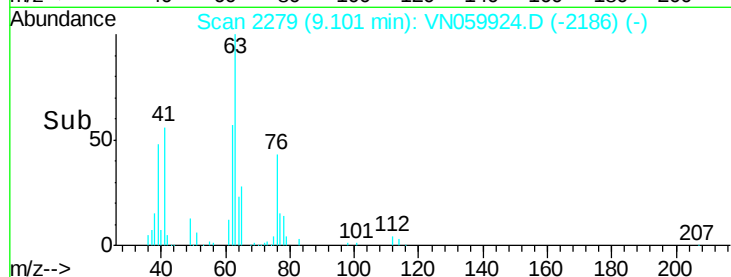
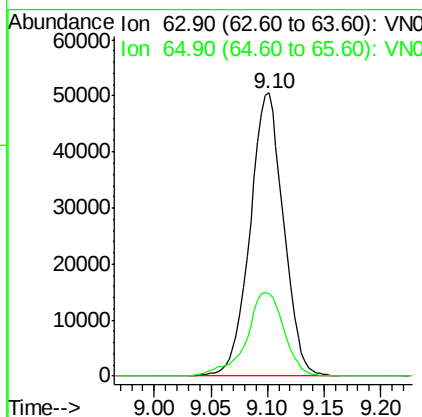
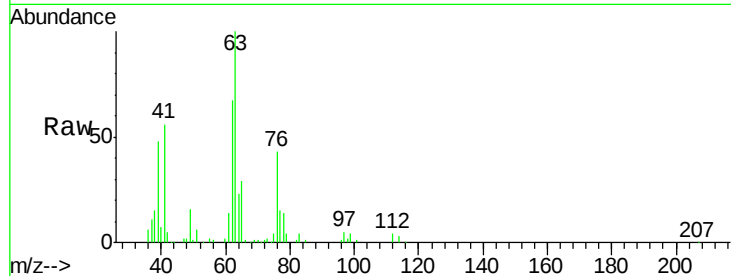




#45
 1,2-Dichloropropane
 Concen: 55.392 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

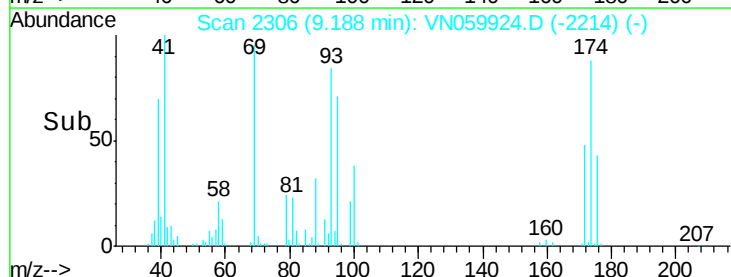
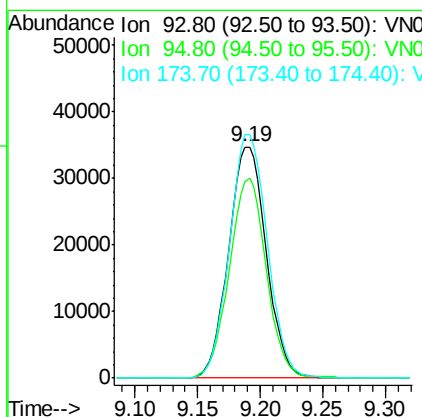
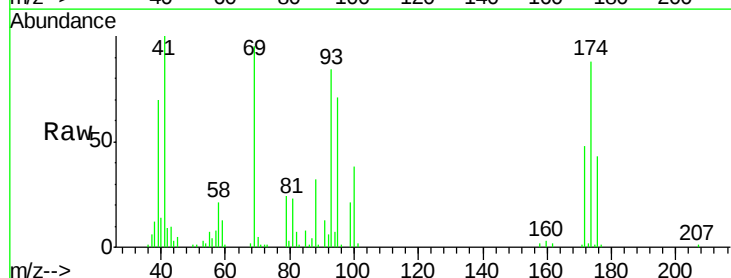
Instrument :
 MSVOA_N
 ClientSampled :

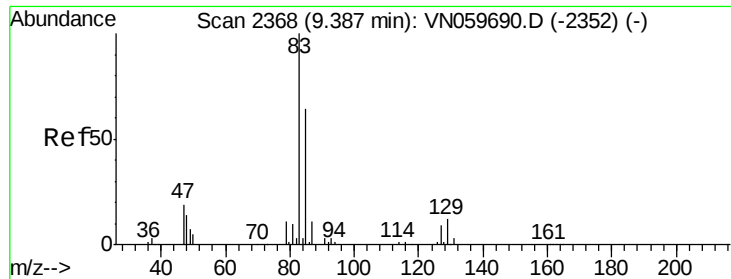
Tot Ion: 63 Resp: 104003
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.9 37.3



#46
 Dibromomethane
 Concen: 54.786 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 93 Resp: 72562
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 105.6 73.4 110.2

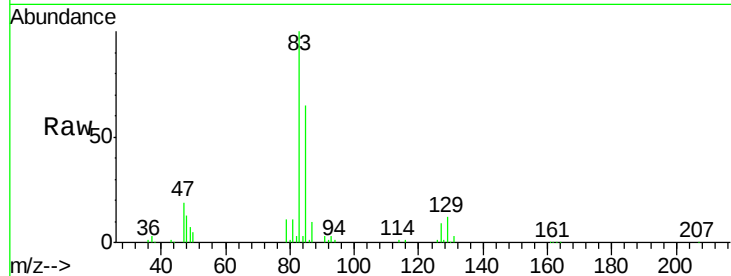




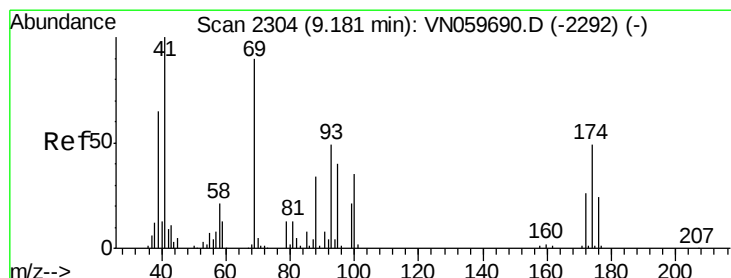
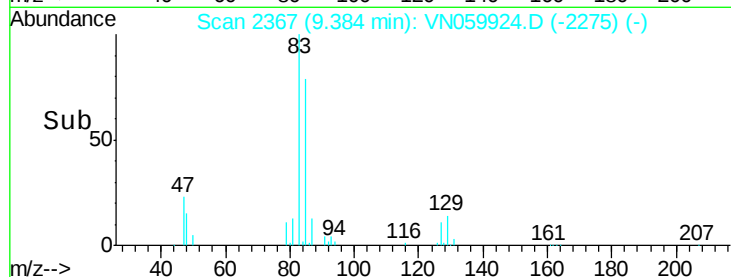
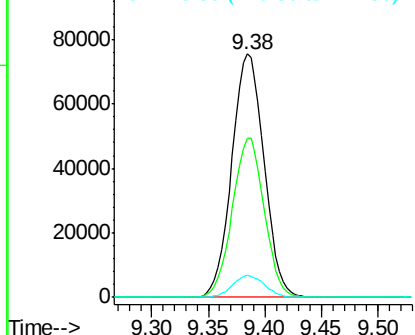
#47
Bromodichloromethane
Concen: 56.249 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 150129
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7
127 9.0 6.6 9.8

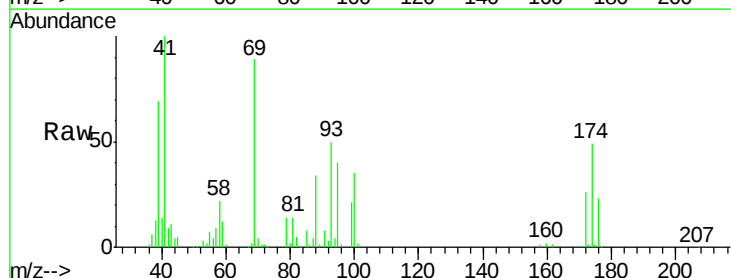


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

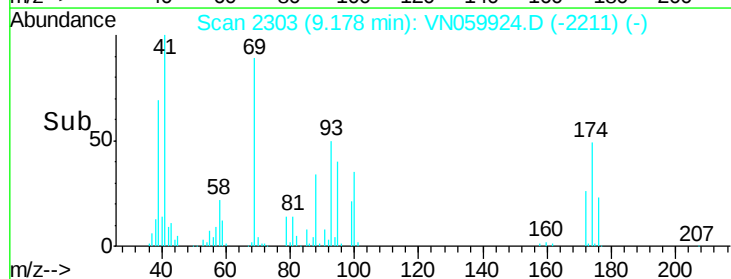
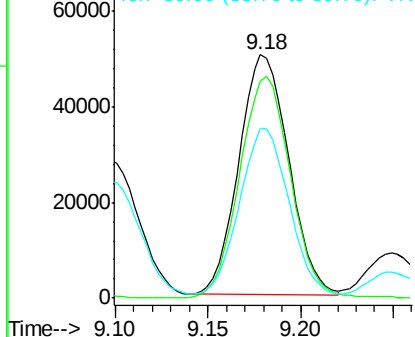


#48
Methyl methacrylate
Concen: 51.252 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 41 Resp: 94093
Ion Ratio Lower Upper
41 100
69 94.4 64.4 96.6
39 71.7 51.3 76.9



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

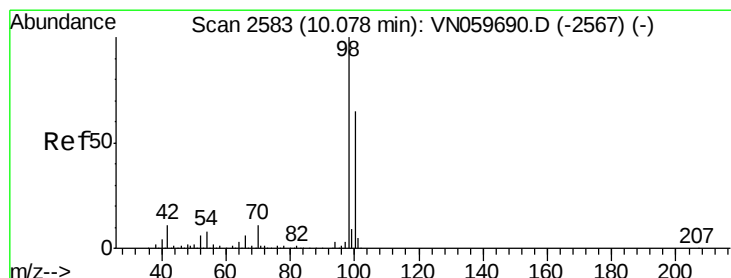
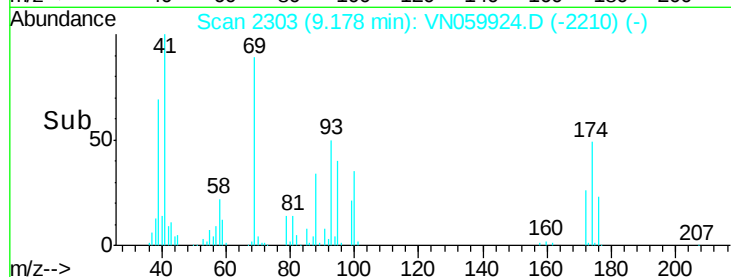
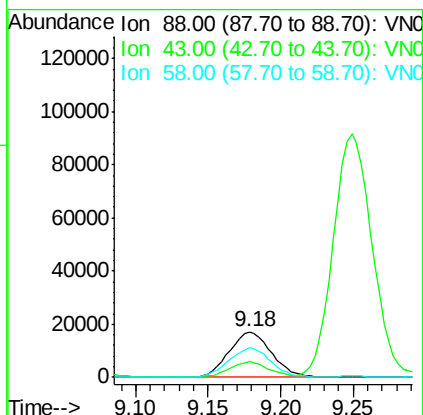
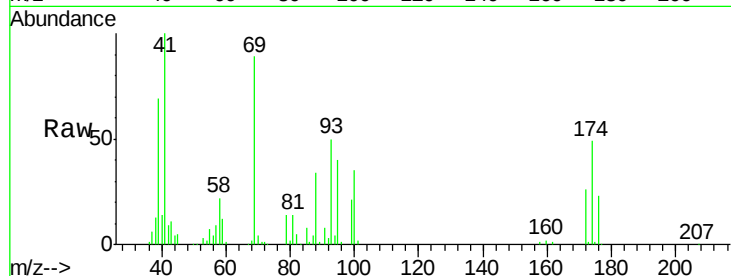




#49
1,4-Dioxane
Concen: 1035.092 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

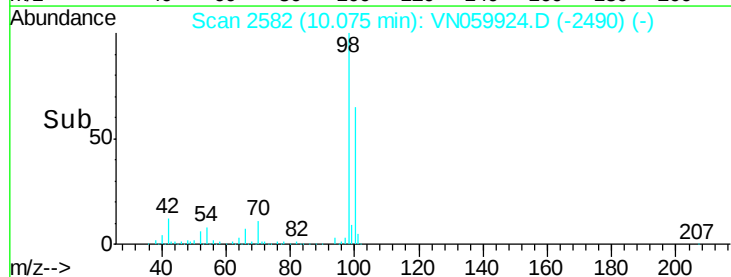
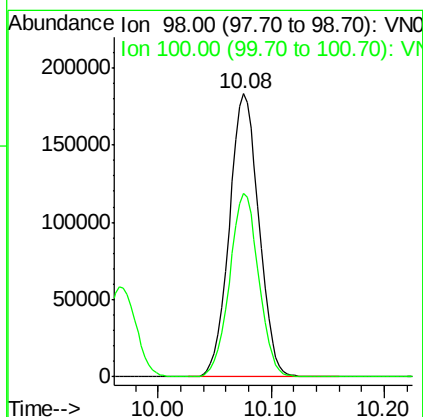
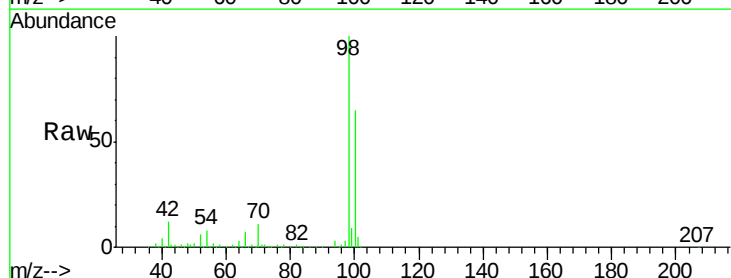
Instrument :
MSVOA_N
ClientSampleId :

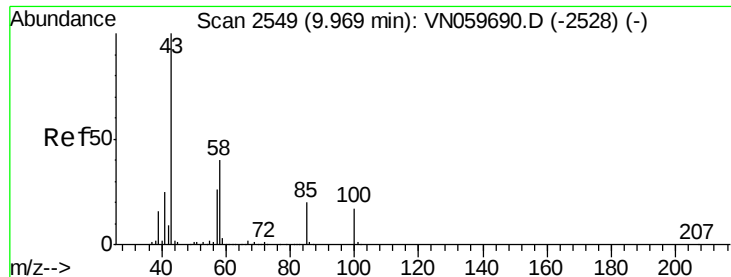
Tot Ion: 88 Resp: 34788
Ion Ratio Lower Upper
88 100
43 31.8 29.7 44.5
58 64.6 56.6 85.0



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 98 Resp: 332521
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 270.430 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

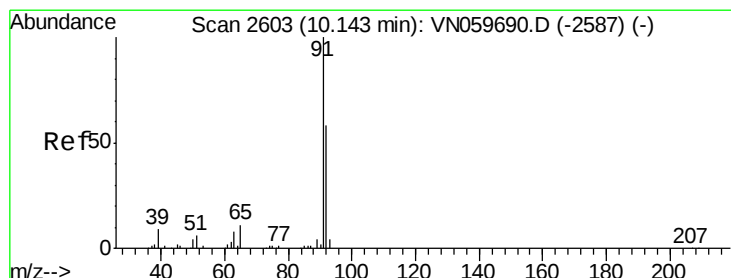
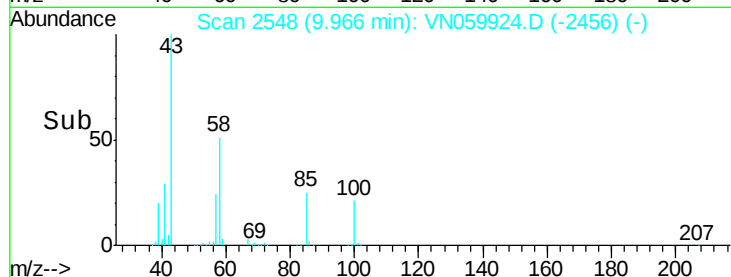
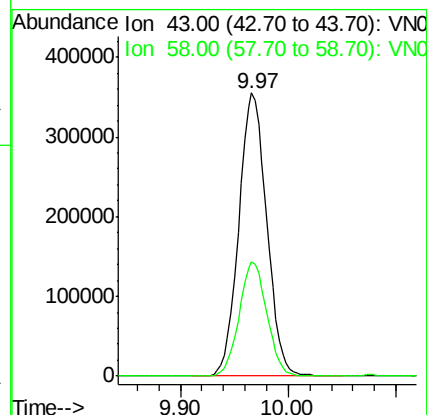
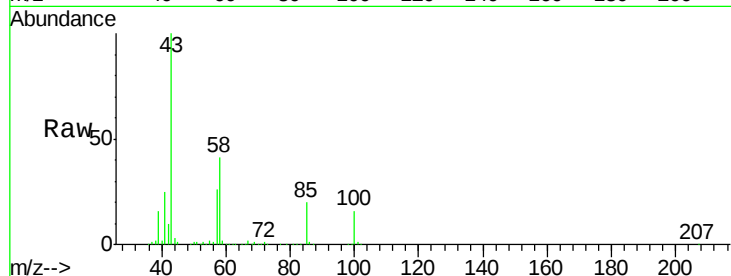
ClientSampled :

Tot Ion: 43 Resp: 641631

Ion Ratio Lower Upper

43 100

58 40.0 29.8 44.8



#52

Toluene

Concen: 53.582 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059924.D

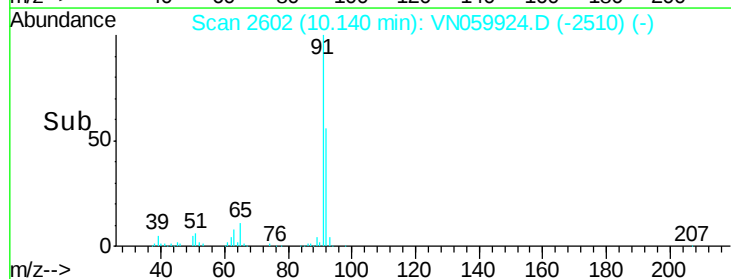
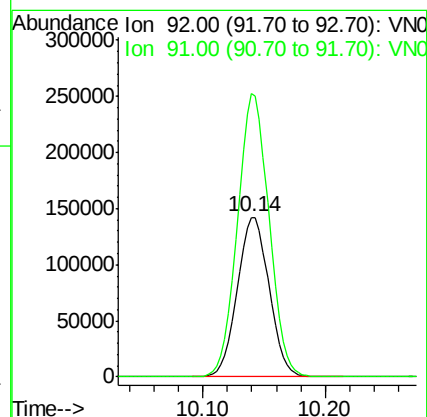
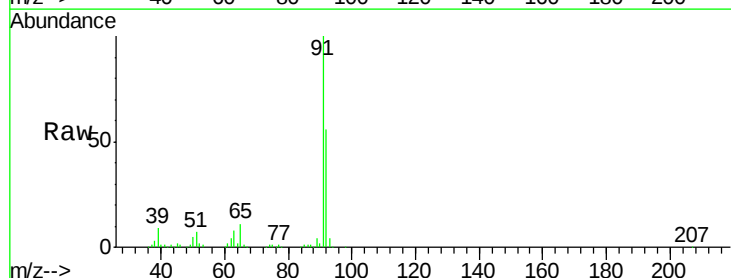
Acq: 30 Jan 2020 13:07

Tgt Ion: 92 Resp: 256804

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 57.016 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

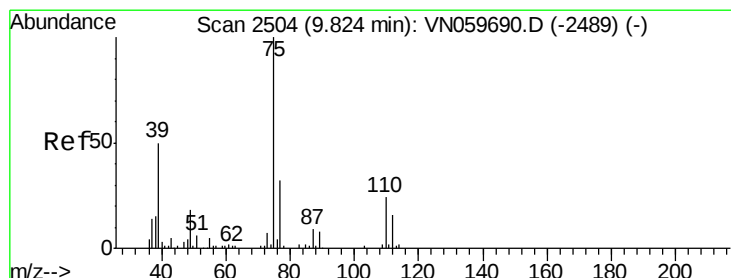
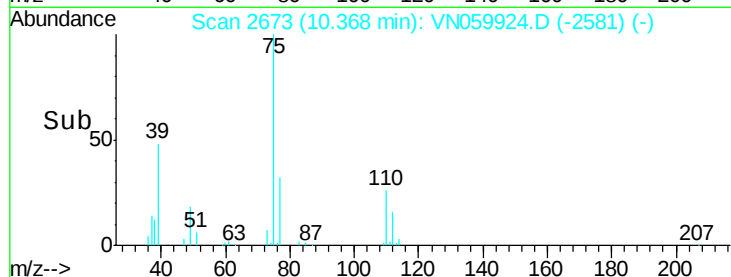
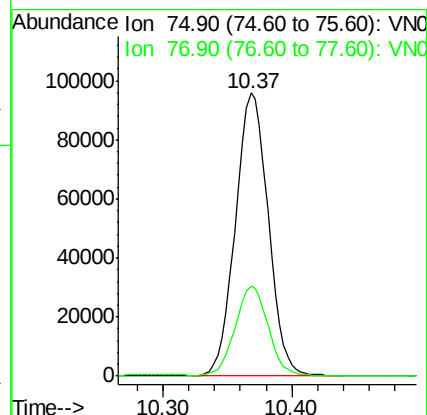
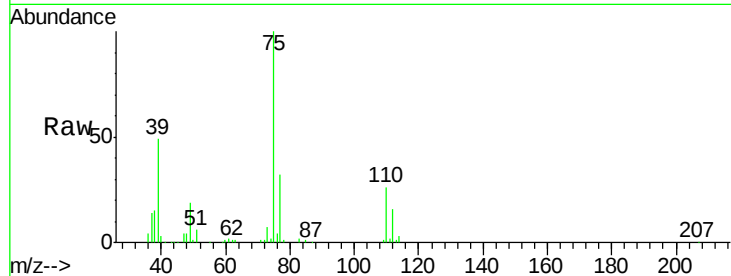
ClientSampleId :

Tot Ion: 75 Resp: 169916

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 57.571 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

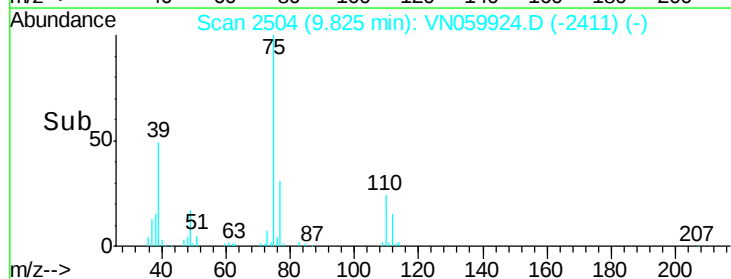
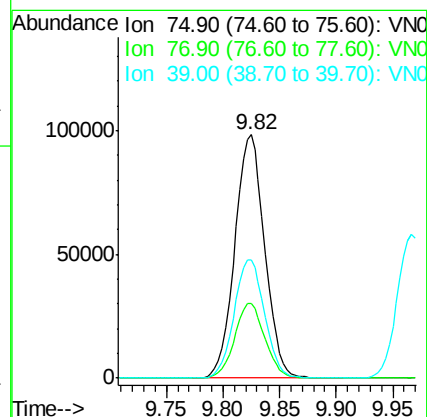
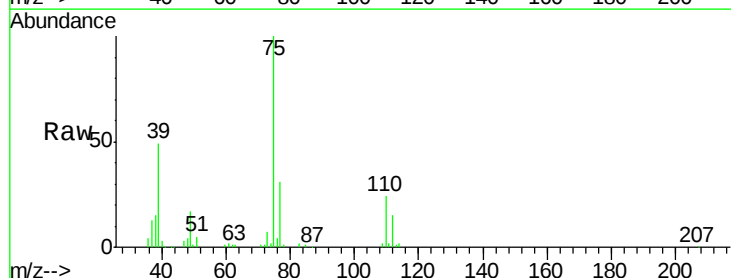
Tgt Ion: 75 Resp: 180524

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 48.6 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 55.603 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 105546

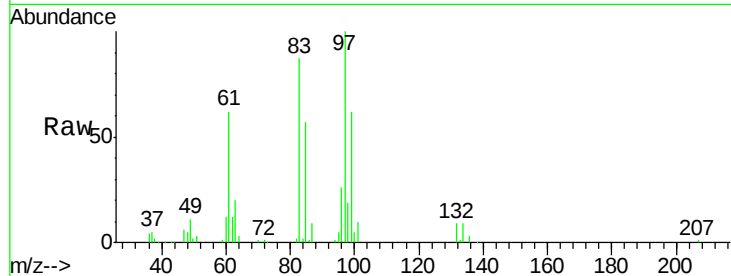
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.3	106.9
85	56.5	45.8	68.8
99	61.8	50.0	75.0

97 100

83 87.4 71.3 106.9

85 56.5 45.8 68.8

99 61.8 50.0 75.0

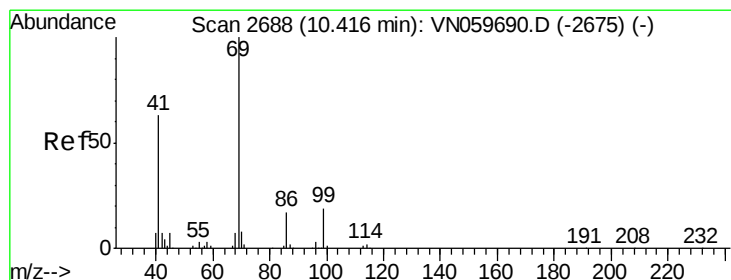
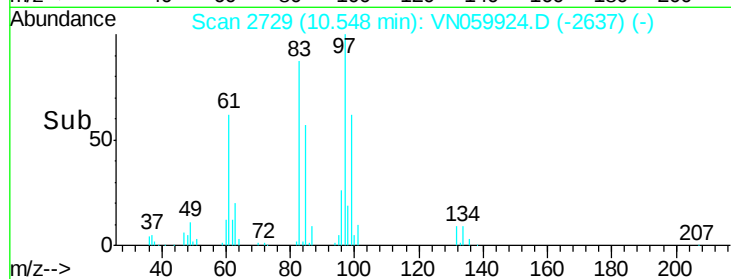
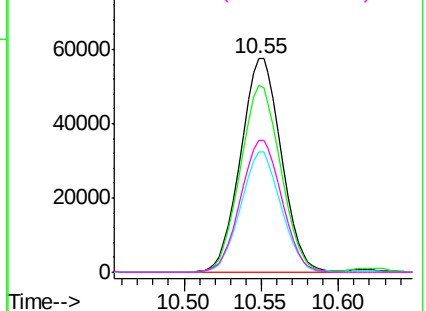


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 53.963 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

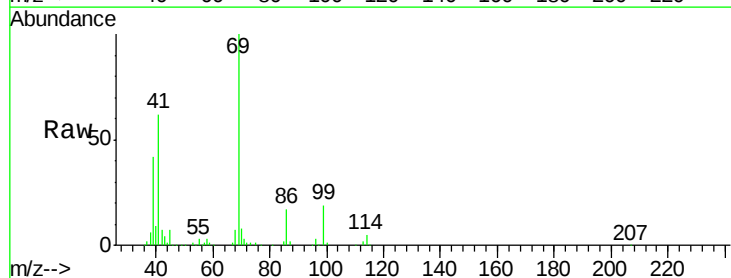
Tgt Ion: 69 Resp: 156519

Ion	Ratio	Lower	Upper
69	100		
41	62.1	57.1	85.7
39	41.6	34.7	52.1

69 100

41 62.1 57.1 85.7

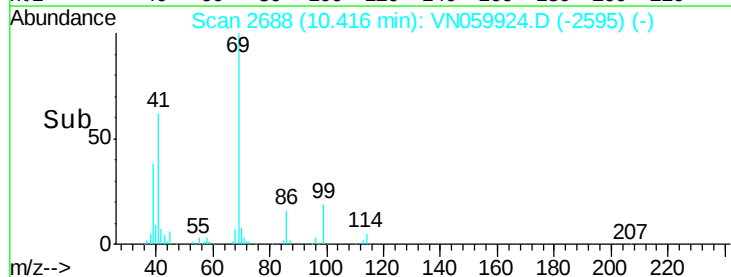
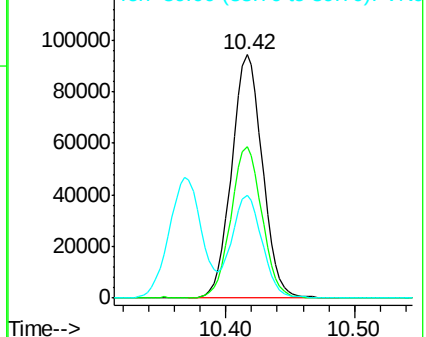
39 41.6 34.7 52.1



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: 56.618 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

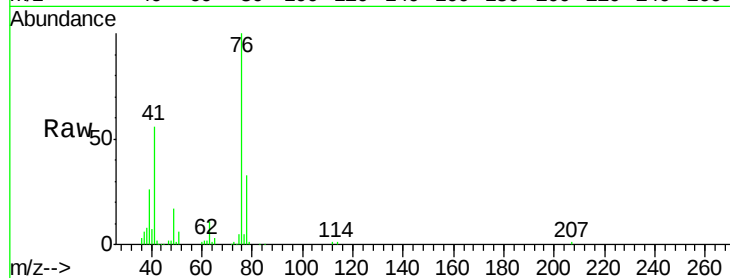
ClientSampleId :

Tot Ion: 76 Resp: 170627

Ion Ratio Lower Upper

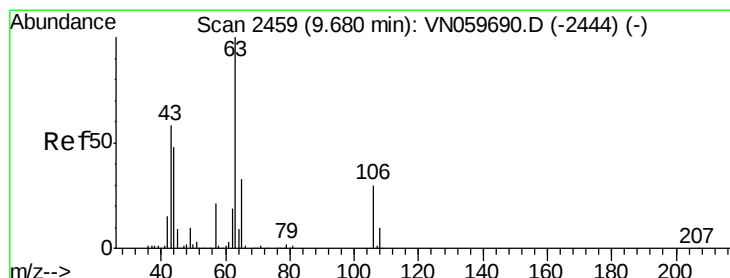
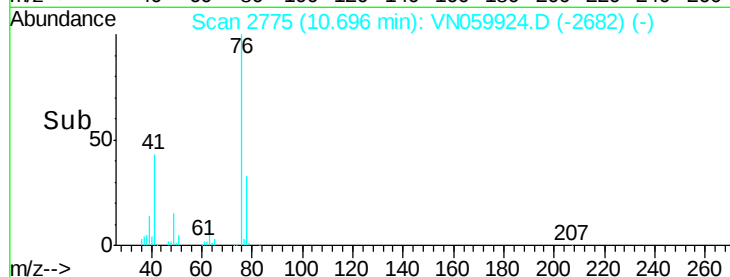
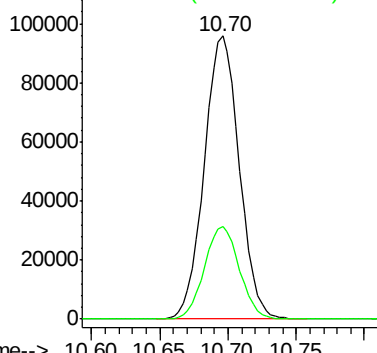
76 100

78 32.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 301.962 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059924.D

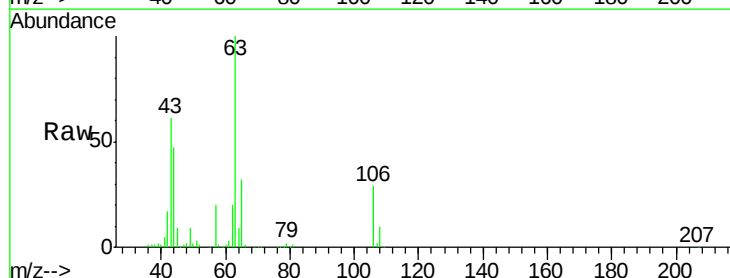
Acq: 30 Jan 2020 13:07

Tgt Ion: 63 Resp: 263803

Ion Ratio Lower Upper

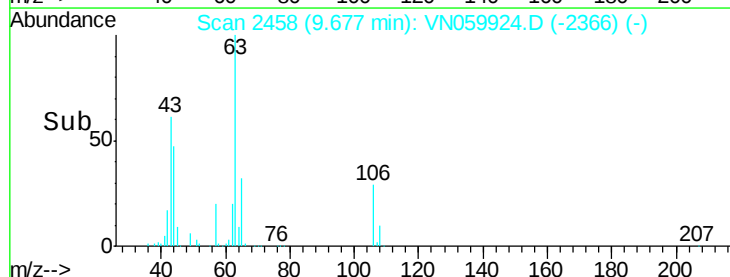
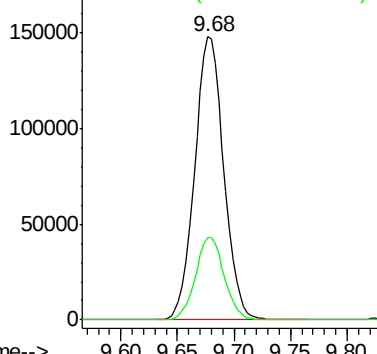
63 100

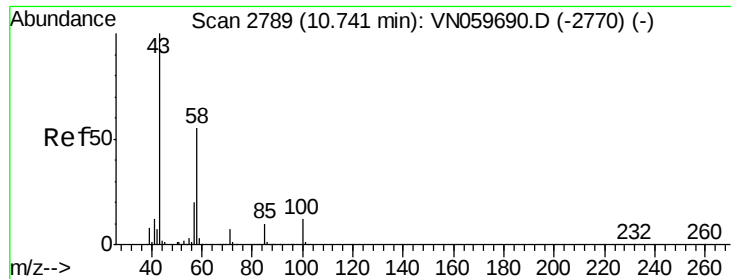
106 28.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

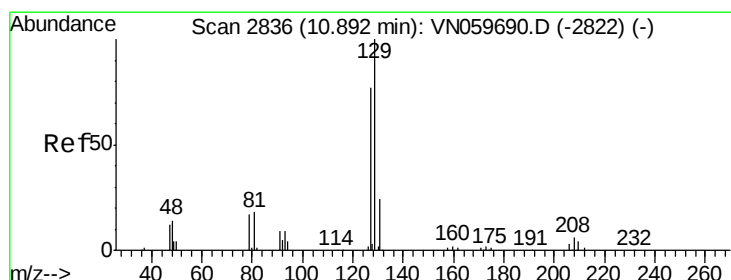
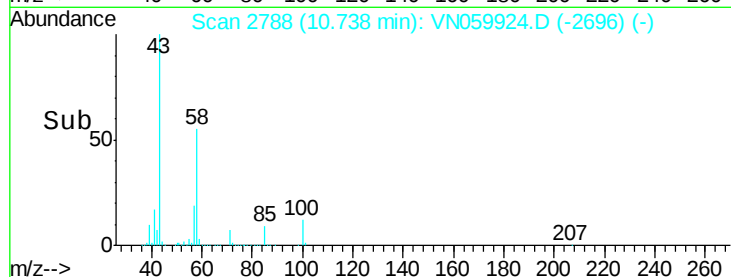
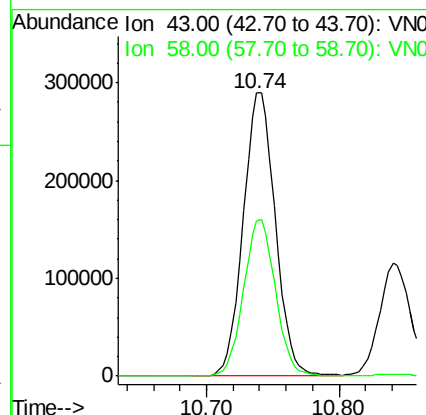
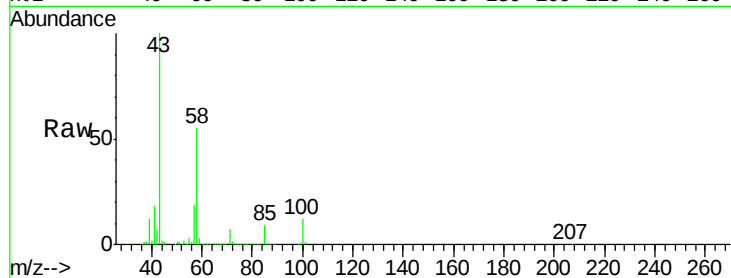




#59
2-Hexanone
Concen: 278.406 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

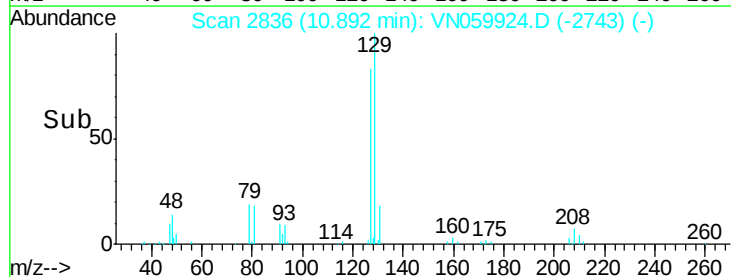
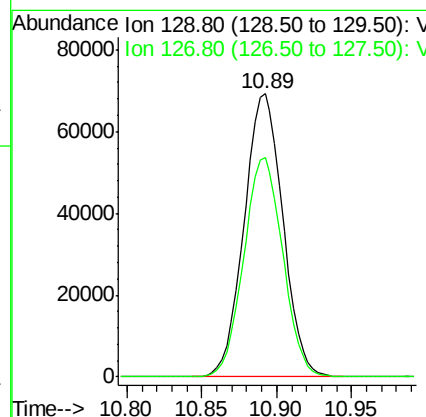
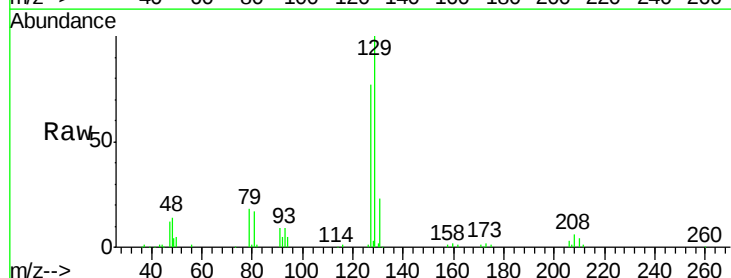
Instrument :
MSVOA_N
ClientSampleId :

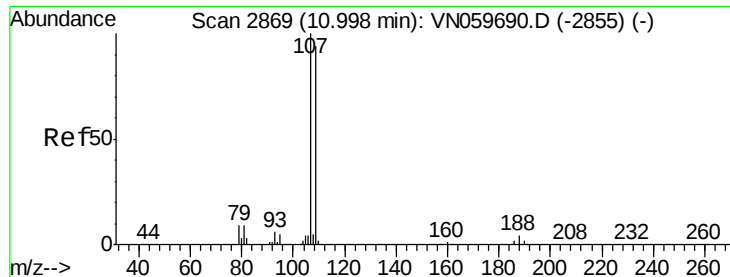
Tot Ion: 43 Resp: 486634
Ion Ratio Lower Upper
43 100
58 55.1 25.8 77.3



#60
Dibromochloromethane
Concen: 57.785 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 129 Resp: 124907
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

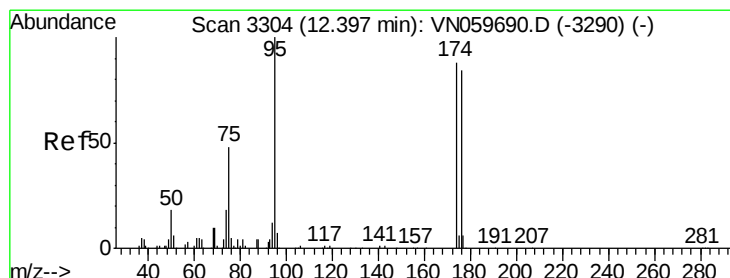
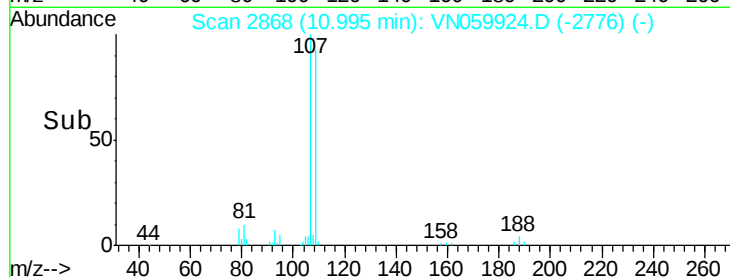
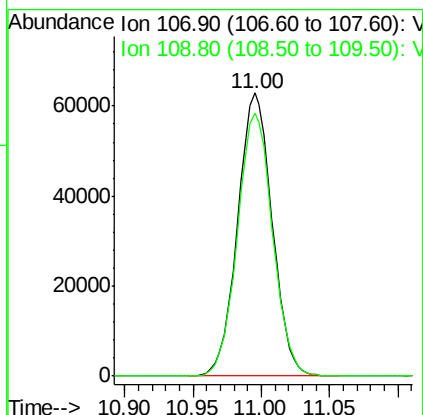
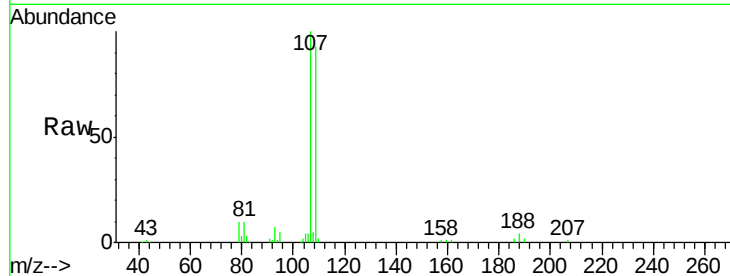




#61
 1,2-Dibromoethane
 Concen: 55.535 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

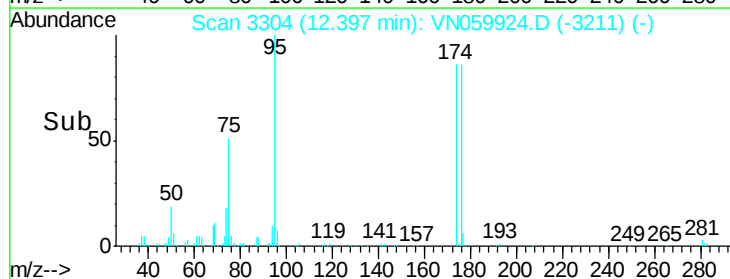
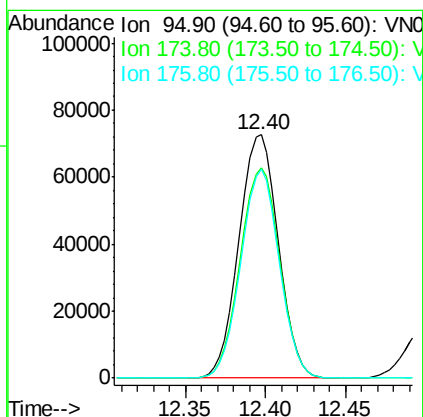
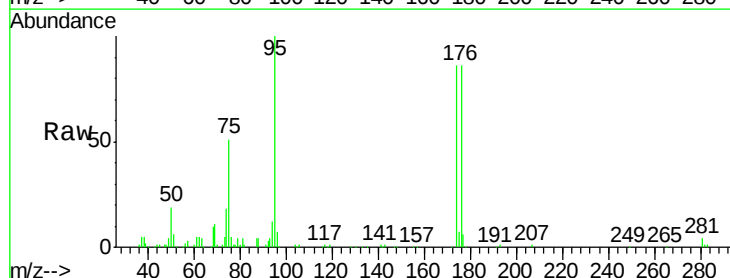
Instrument :
 MSVOA_N
 ClientSampleId :

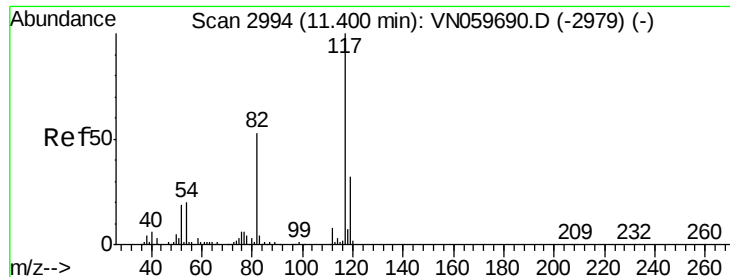
Tot Ion:107 Resp: 110490
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.082 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 95 Resp: 121873
 Ion Ratio Lower Upper
 95 100
 174 86.6 0.0 151.4
 176 83.8 0.0 146.0

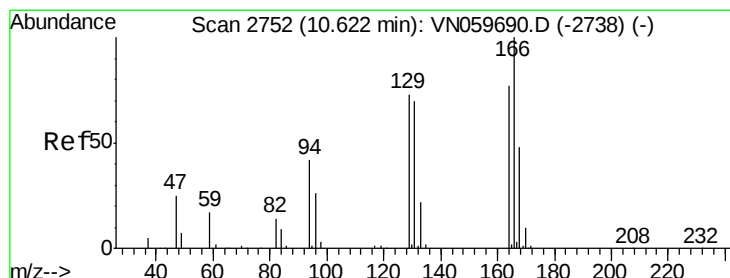
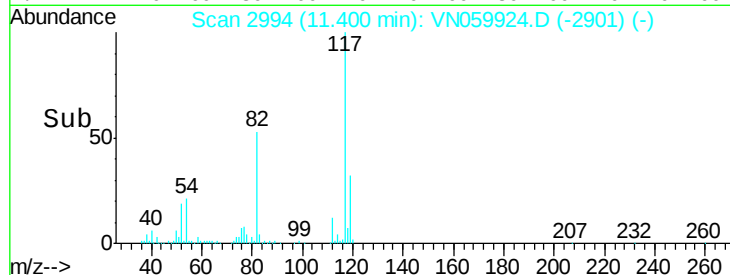
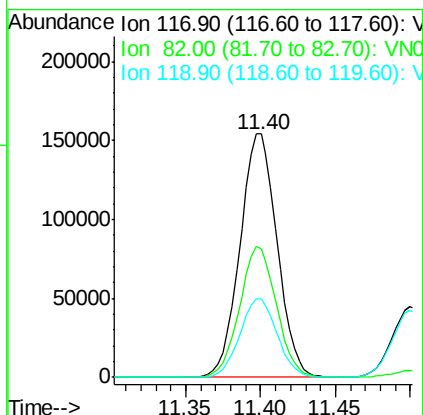
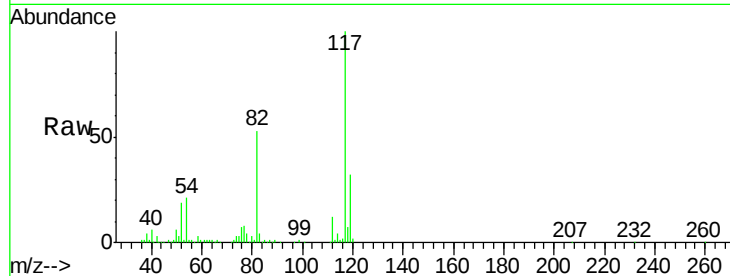




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

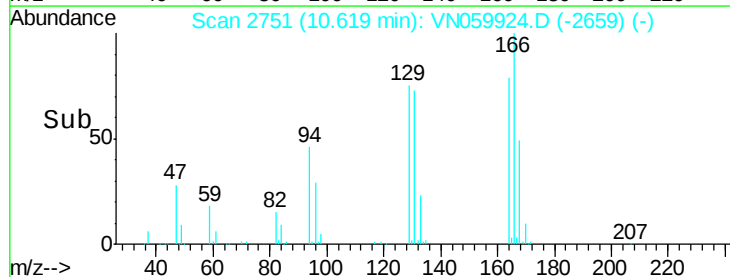
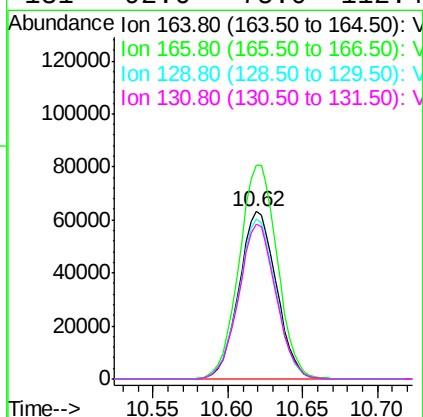
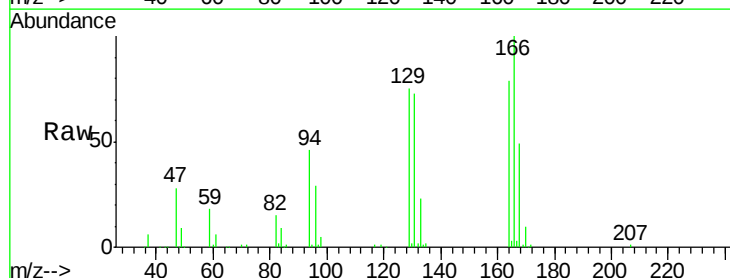
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 265841
Ion Ratio Lower Upper
117 100
82 52.7 45.9 68.9
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 50.826 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:164 Resp: 110122
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.0
129 95.2 80.2 120.4
131 92.6 75.0 112.4

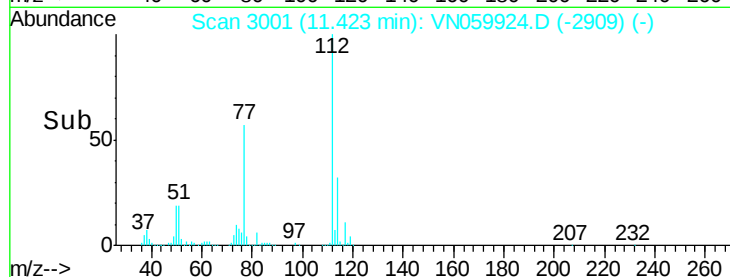
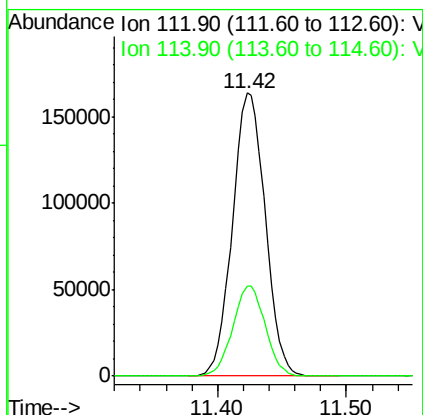
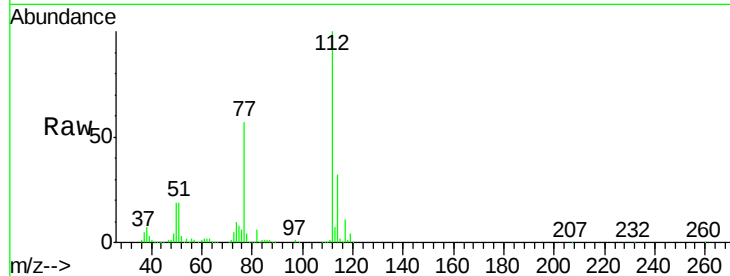




#65
Chlorobenzene
Concen: 55.247 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

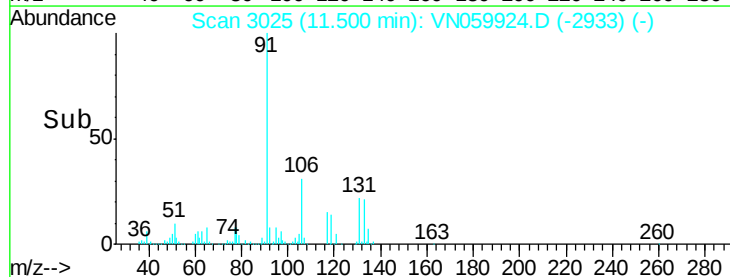
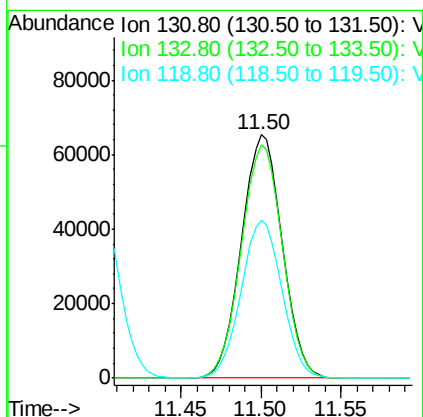
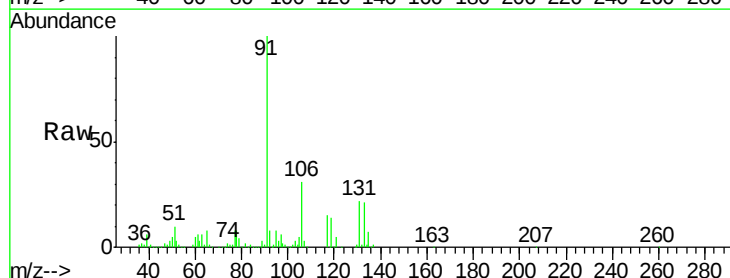
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 288677
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.280 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:131 Resp: 113630
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 64.7 33.1 99.3





#67

Ethyl Benzene

Concen: 54.023 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

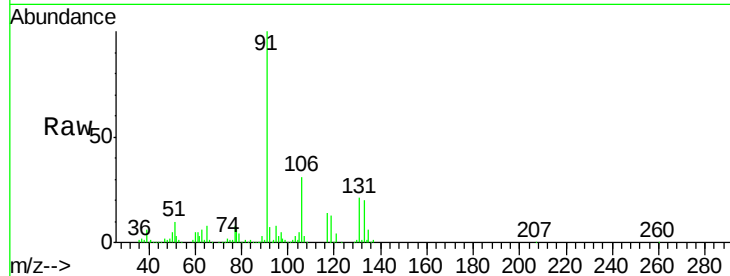
ClientSampled :

Tot Ion: 91 Resp: 512434

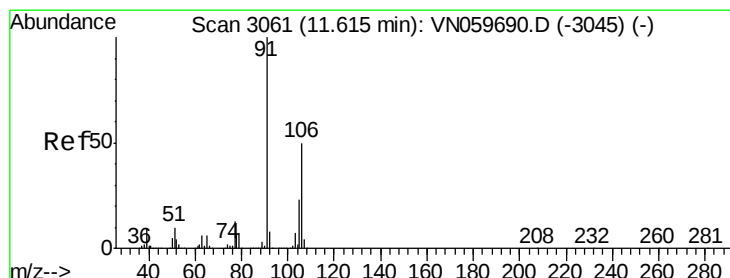
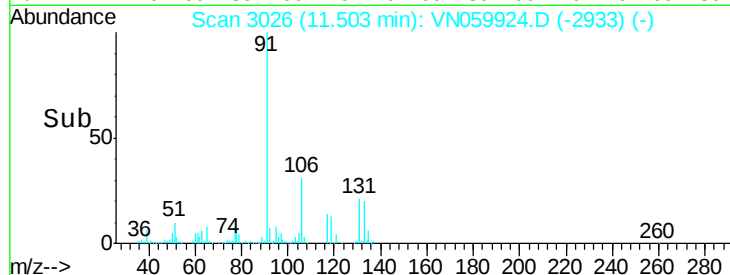
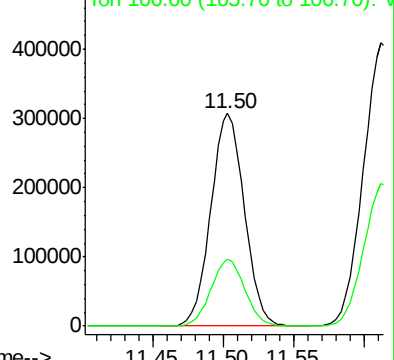
Ion Ratio Lower Upper

91 100

106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059924.D (-2933) (-)



#68

m/p-Xylenes

Concen: 109.323 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059924.D

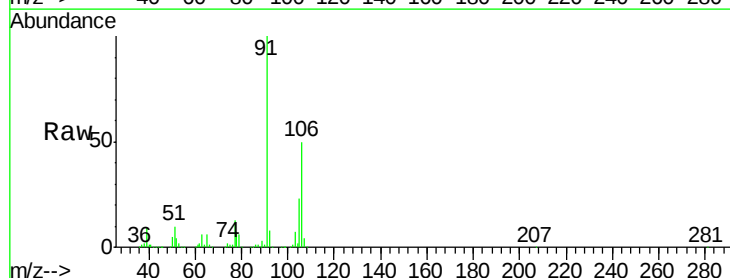
Acq: 30 Jan 2020 13:07

Tgt Ion: 106 Resp: 391706

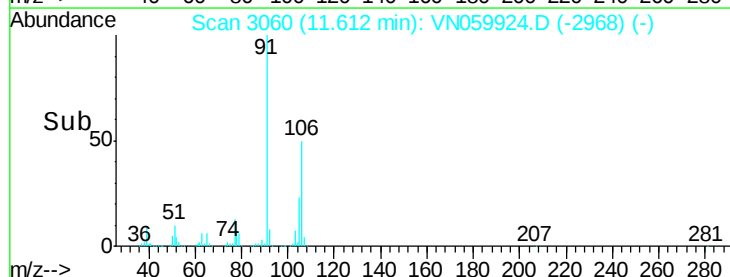
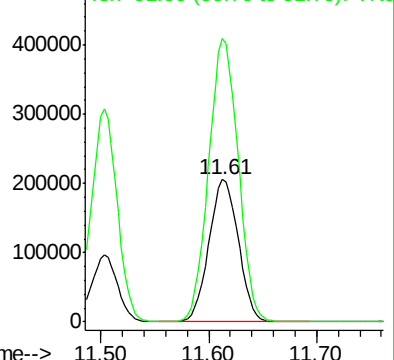
Ion Ratio Lower Upper

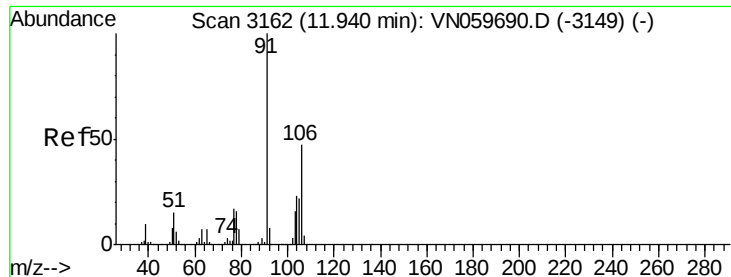
106 100

91 199.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059924.D (-2968) (-)

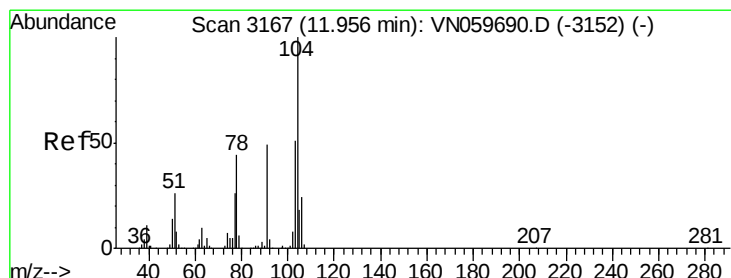
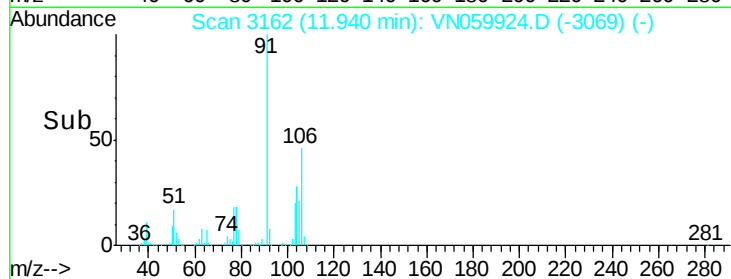
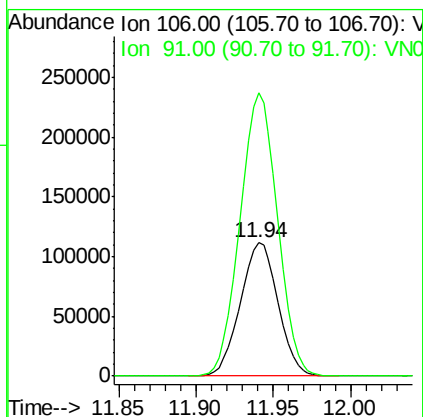
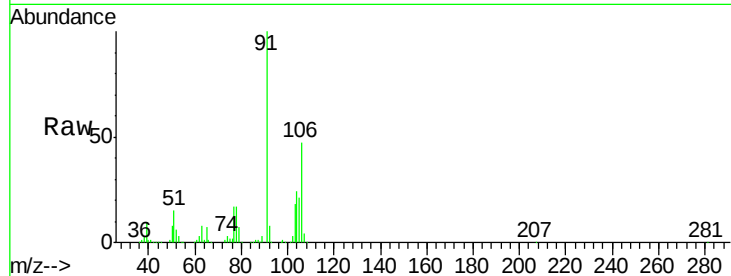




#69
o-Xylene
Concen: 53.911 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

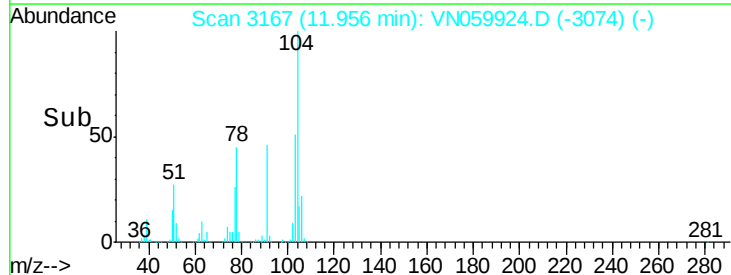
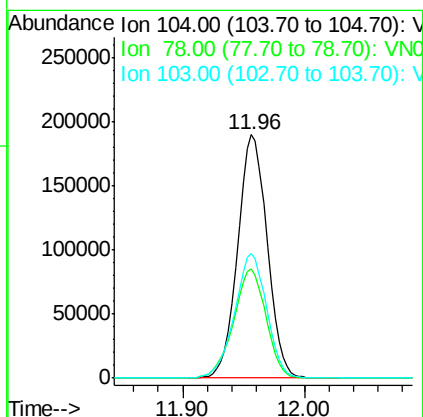
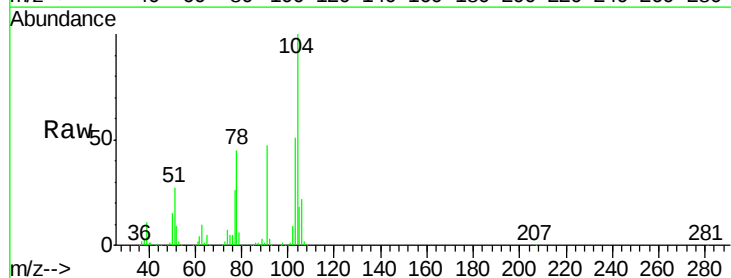
Instrument :
MSVOA_N
ClientSampled :

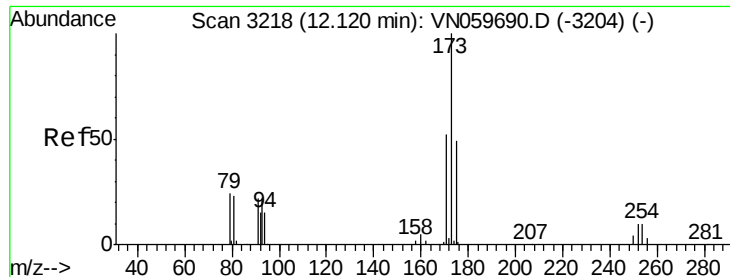
Tot Ion:106 Resp: 189109
Ion Ratio Lower Upper
106 100
91 211.7 110.3 330.9



#70
Styrene
Concen: 54.067 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:104 Resp: 317359
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 55.6 43.9 65.9

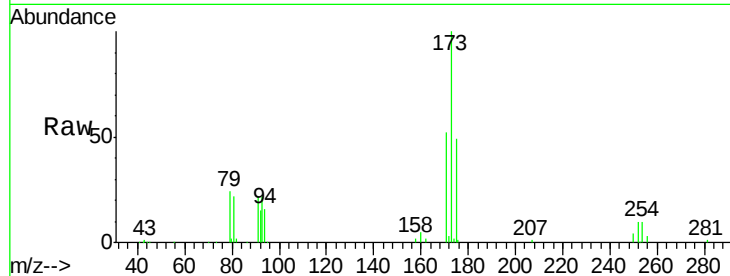




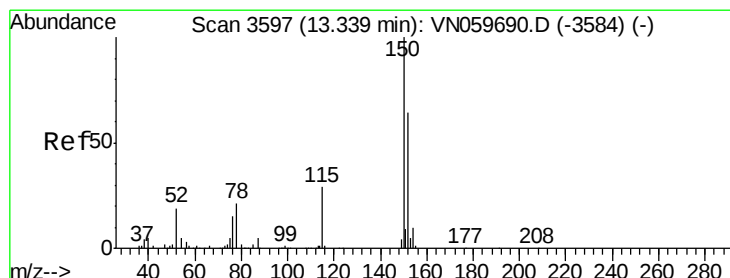
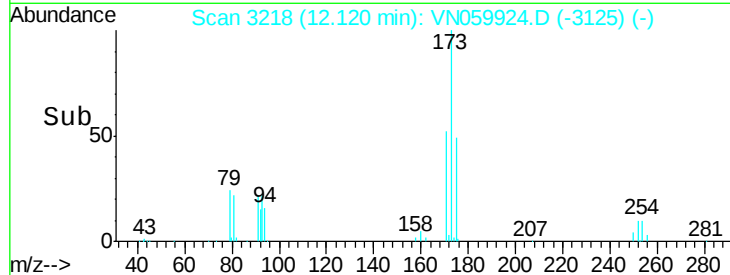
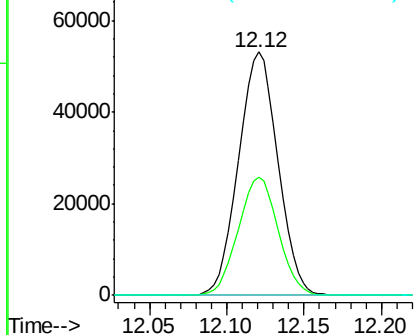
#71
Bromoform
Concen: 58.244 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 94196
Ion Ratio Lower Upper
173 100
175 49.0 23.8 71.4
254 0.0 0.0 0.0

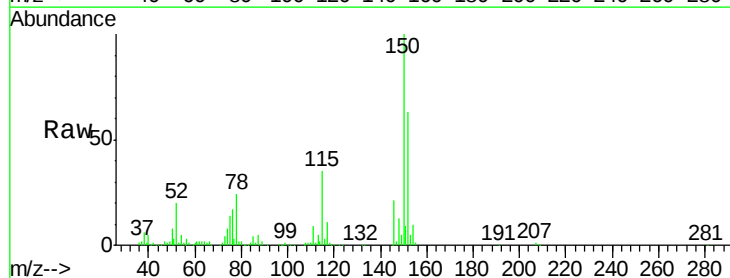


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

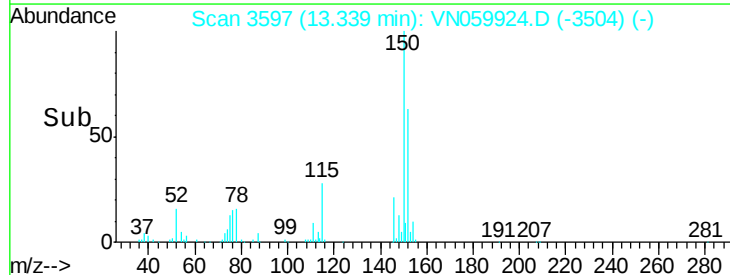
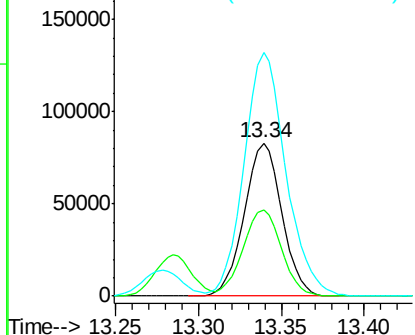


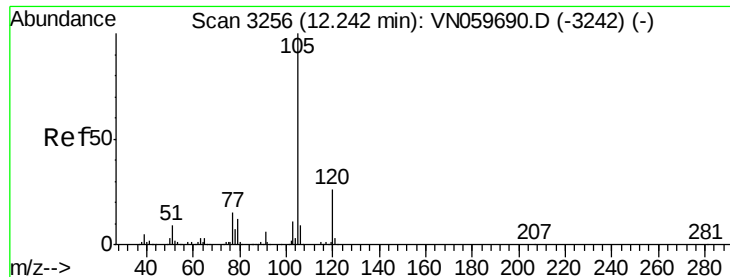
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:152 Resp: 130687
Ion Ratio Lower Upper
152 100
115 58.0 30.3 90.9
150 177.0 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: 53.664 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

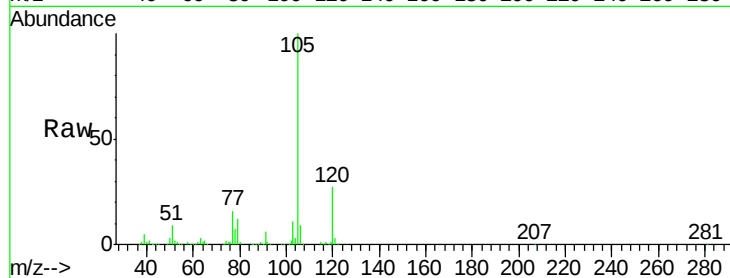
ClientSampleId :

Tot Ion:105 Resp: 514343

Ion Ratio Lower Upper

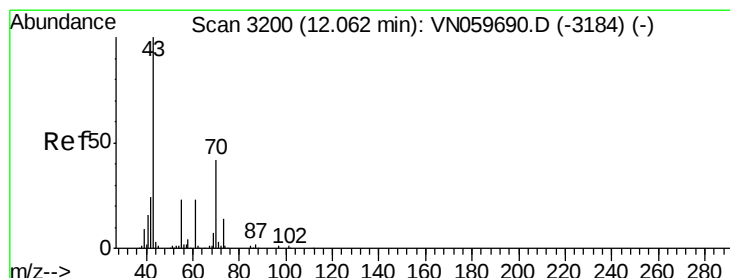
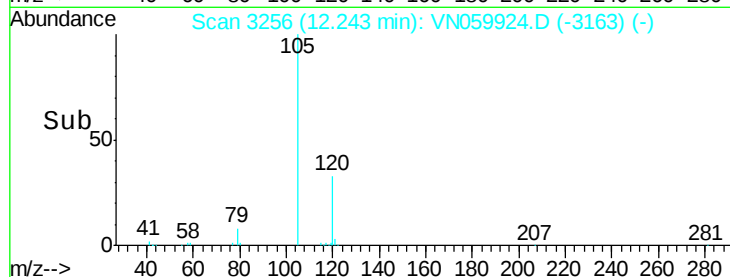
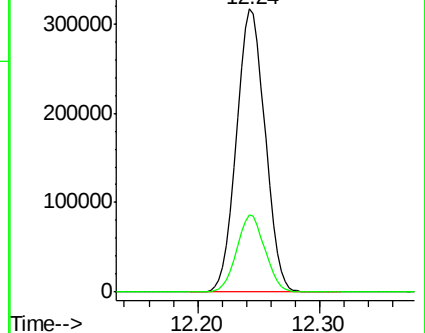
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.044 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion: 43 Resp: 193556

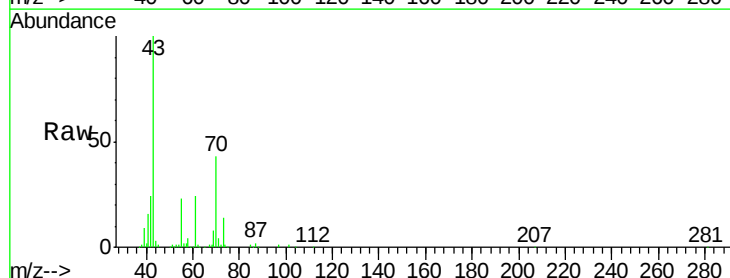
Ion Ratio Lower Upper

43 100

70 43.0 31.3 46.9

55 23.5 19.8 29.6

61 24.2 18.3 27.5

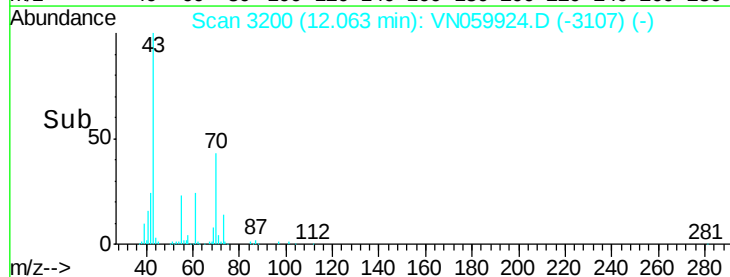
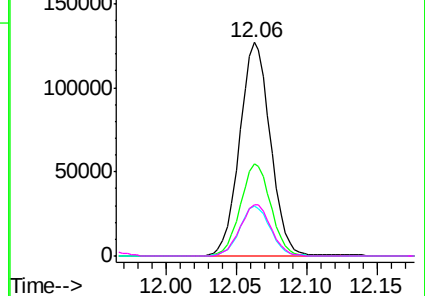


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.310 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

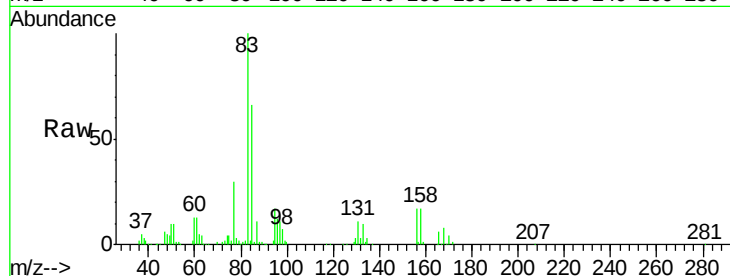
Tot Ion: 83 Resp: 150902

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 65.2 31.9 95.5

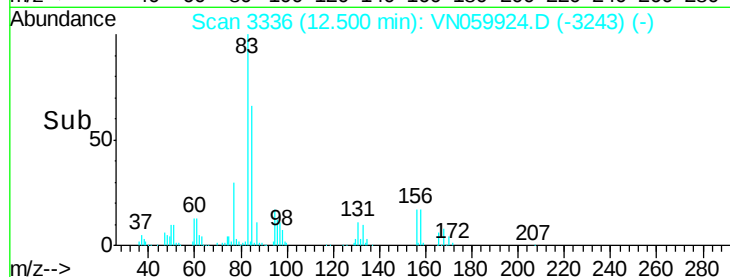


Abundance Ion 82.90 (82.60 to 83.60): VN059924.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059924.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059924.D (-3336) (-)

Time-->

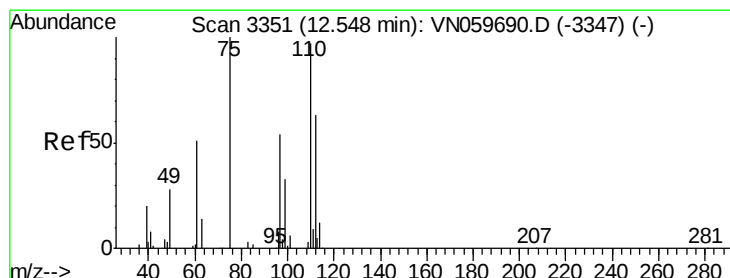


Abundance Ion 82.90 (82.60 to 83.60): VN059924.D (-3336) (-)

Ion 130.80 (130.50 to 131.50): VN059924.D (-3336) (-)

Ion 84.90 (84.60 to 85.60): VN059924.D (-3336) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 92.442 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059924.D

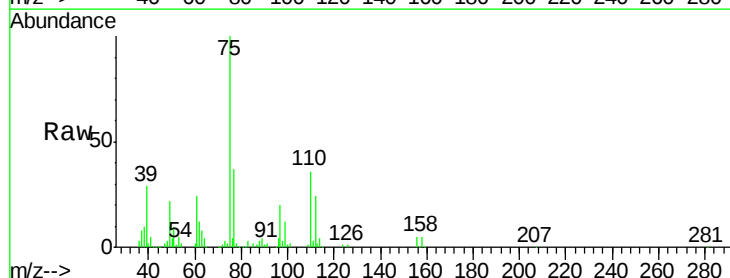
Acq: 30 Jan 2020 13:07

Tgt Ion: 75 Resp: 203311

Ion Ratio Lower Upper

75 100

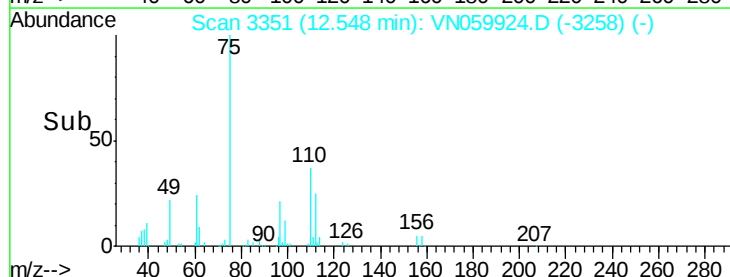
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059924.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059924.D (-3351) (-)

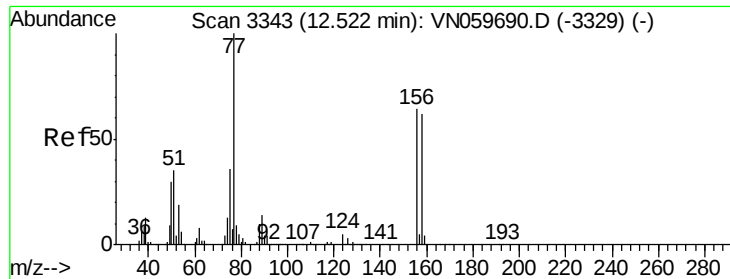
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN059924.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059924.D (-3351) (-)

Time-->



#77

Bromobenzene

Concen: 53.600 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

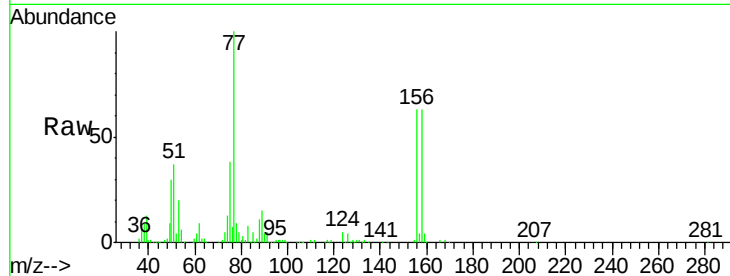
Tot Ion:156 Resp: 130097

Ion Ratio Lower Upper

156 100

77 193.6 115.8 347.4

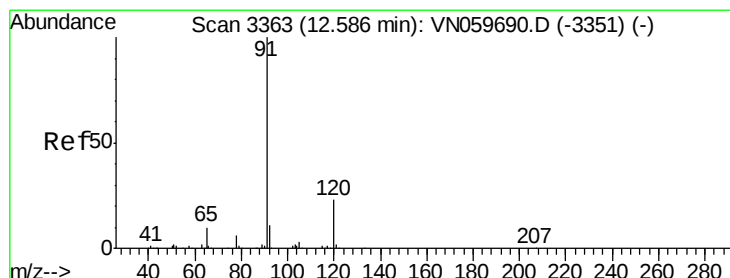
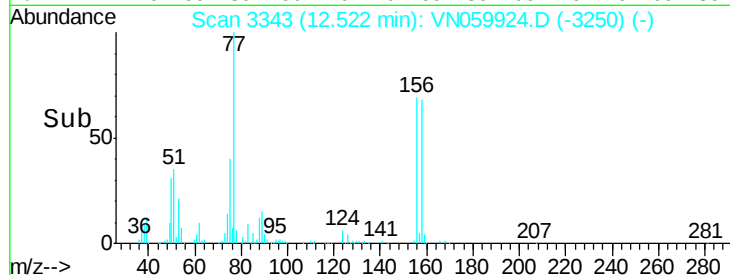
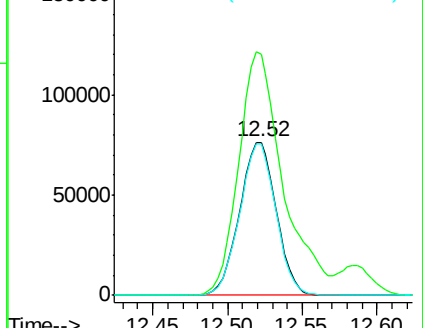
158 97.9 49.2 147.6



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: 54.537 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059924.D

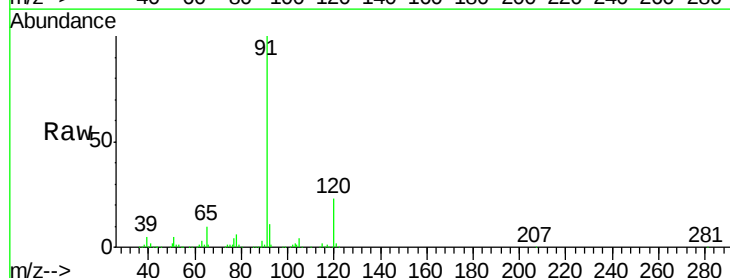
Acq: 30 Jan 2020 13:07

Tgt Ion: 91 Resp: 586687

Ion Ratio Lower Upper

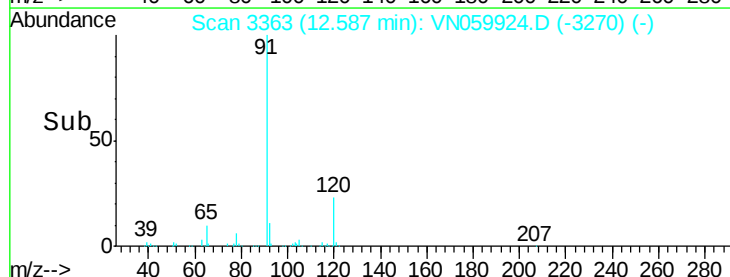
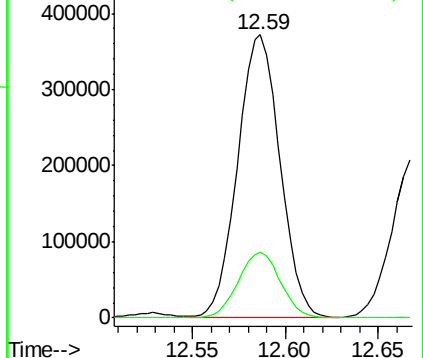
91 100

120 23.2 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: 53.426 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

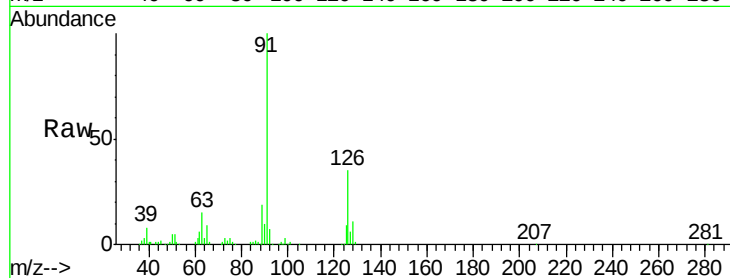
ClientSampled :

Tot Ion: 91 Resp: 341912

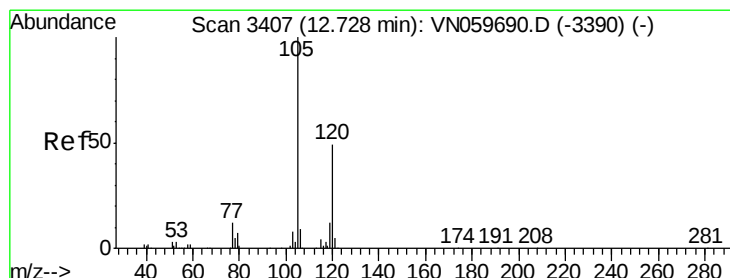
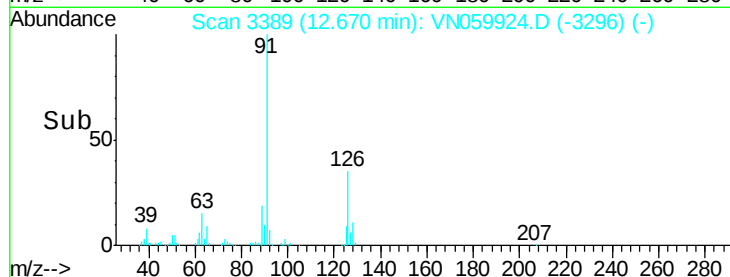
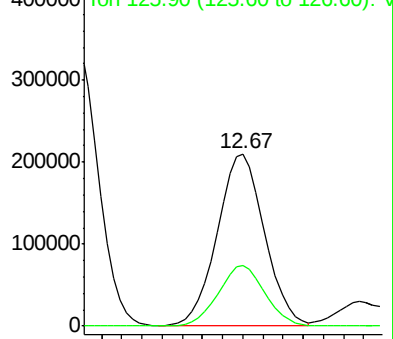
Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059924.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.495 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059924.D

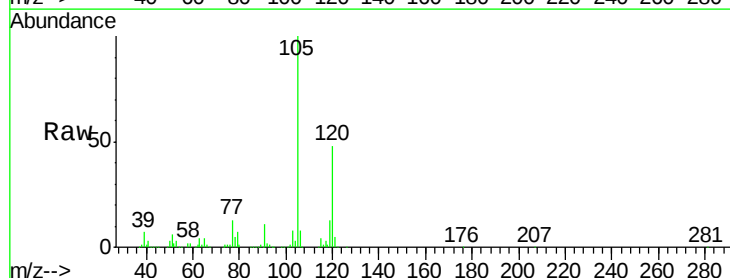
Acq: 30 Jan 2020 13:07

Tgt Ion: 105 Resp: 439263

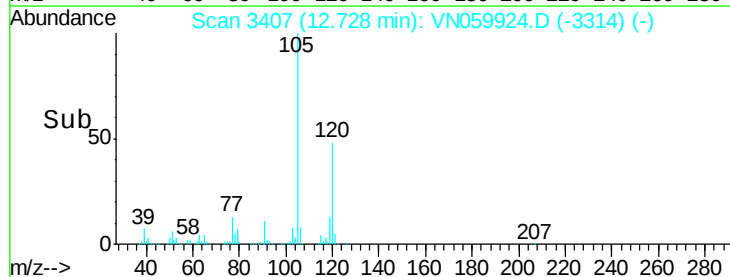
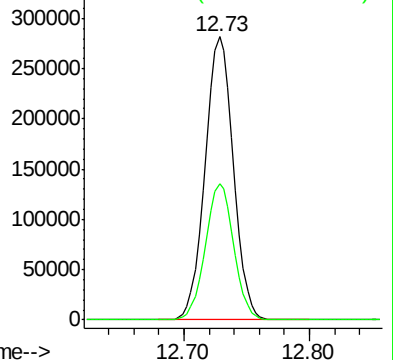
Ion Ratio Lower Upper

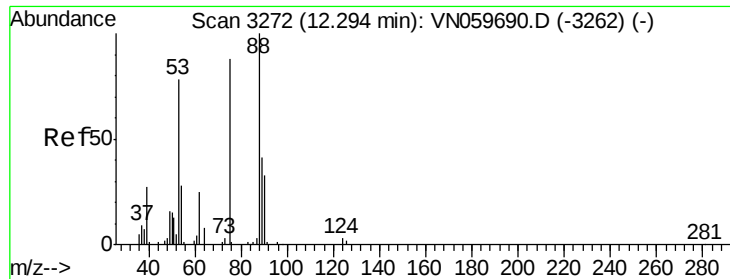
105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059924.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.858 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

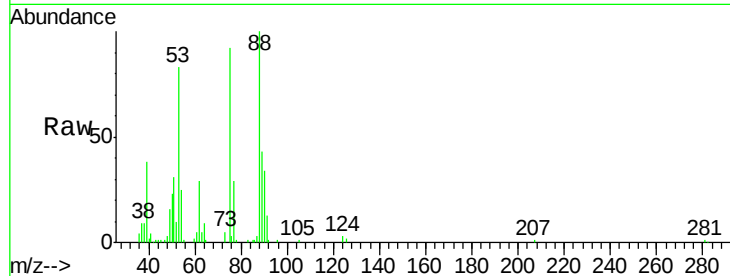
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 57206

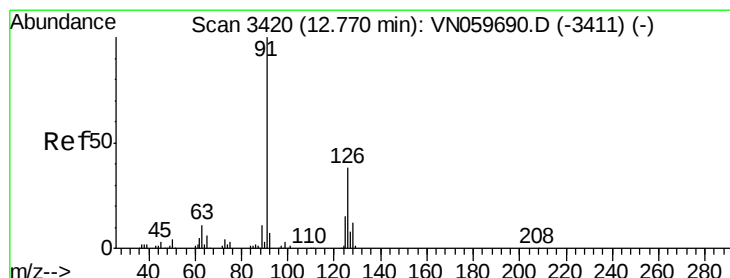
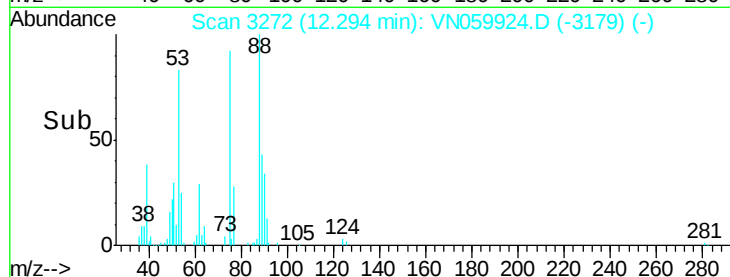
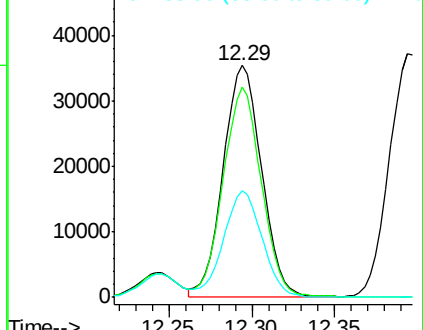
Ion	Ratio	Lower	Upper
75	100		
53	90.6	78.1	117.1
89	45.8	35.4	53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 54.760 ug/l

RT: 12.77 min Scan# 3419

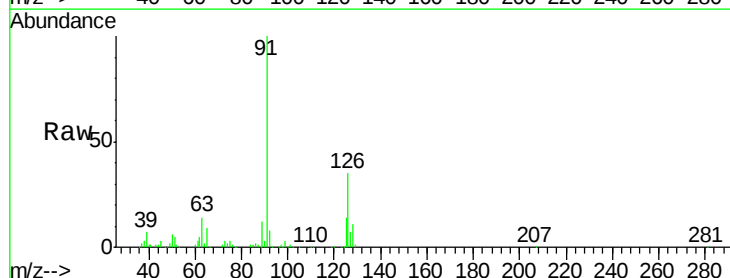
Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

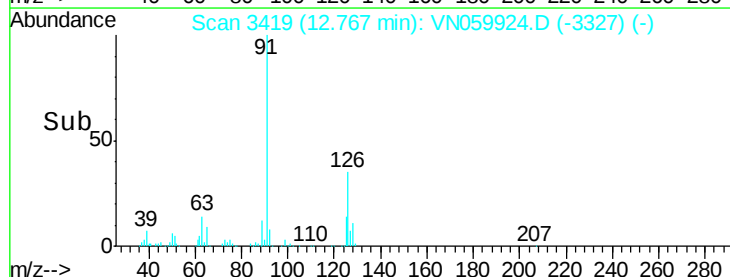
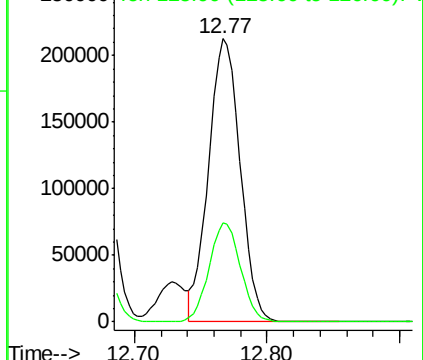
Tgt Ion: 91 Resp: 351509

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.3	48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

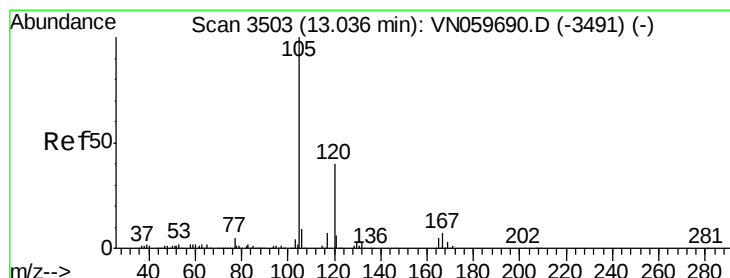
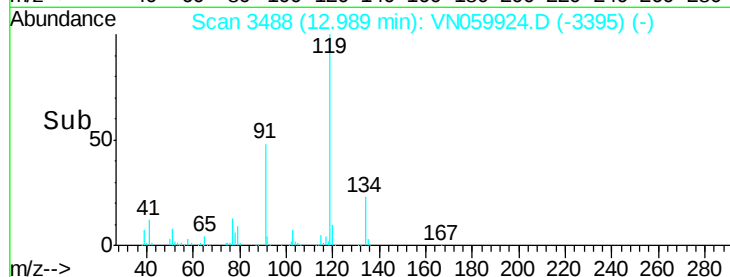
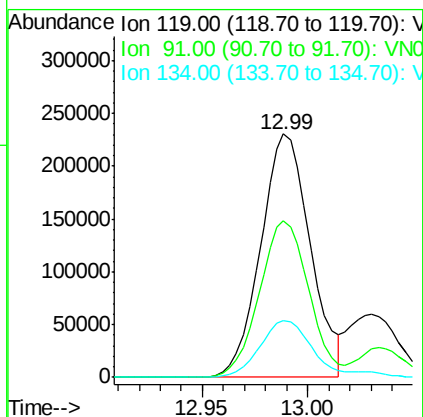
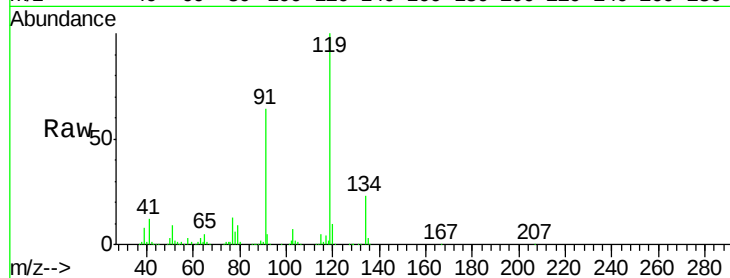




#83
tert-Butylbenzene
Concen: 54.153 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

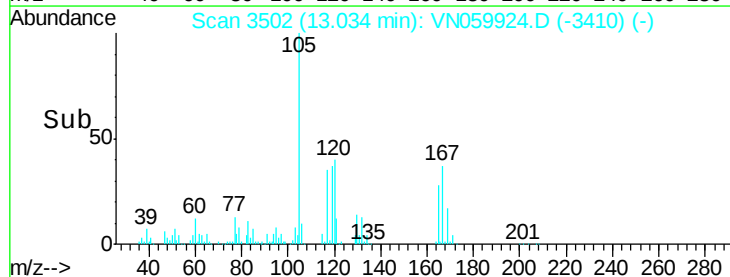
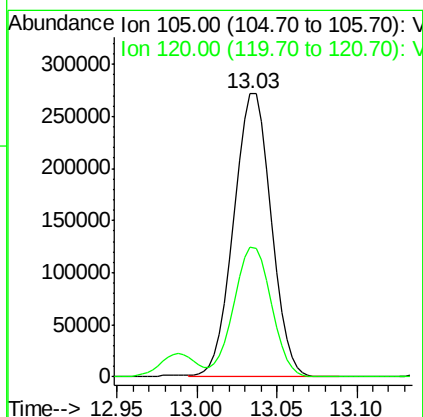
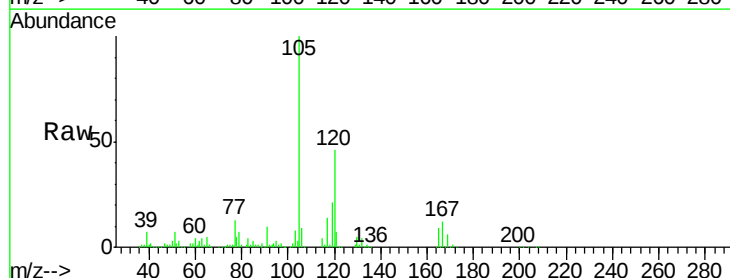
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 377524
Ion Ratio Lower Upper
119 100
91 64.0 34.8 104.4
134 24.0 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 54.274 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:105 Resp: 432802
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.497 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

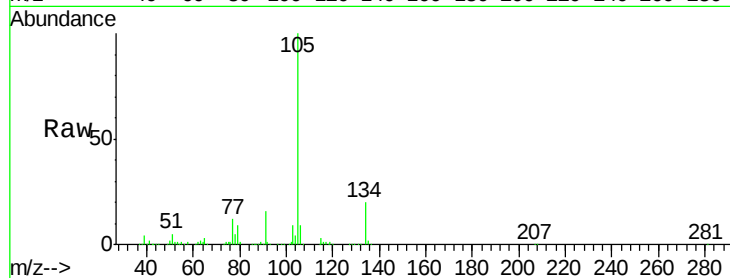
ClientSampled :

Tot Ion:105 Resp: 499156

Ion Ratio Lower Upper

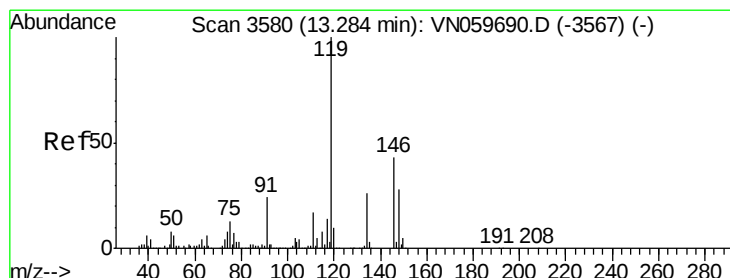
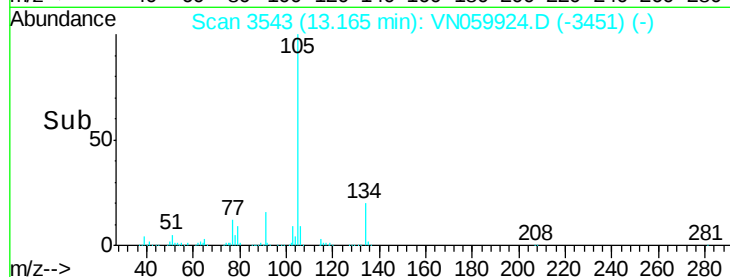
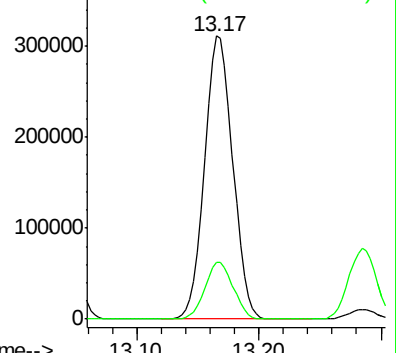
105 100

134 20.1 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: 54.086 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

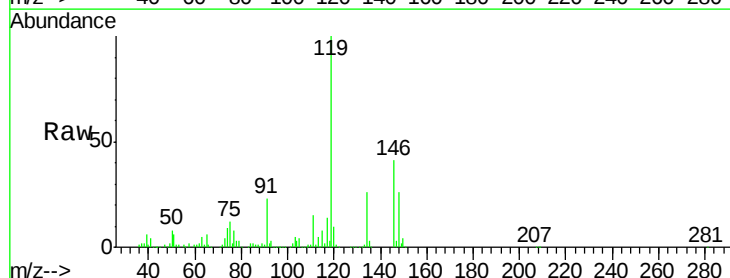
Tgt Ion:119 Resp: 458381

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

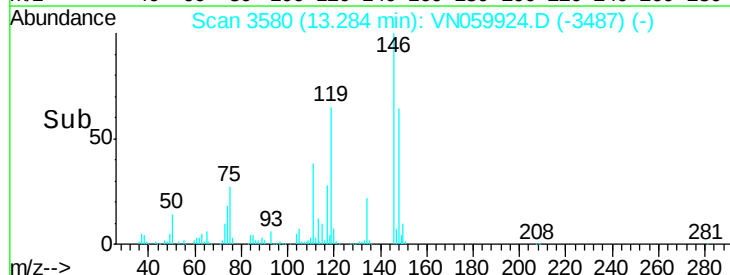
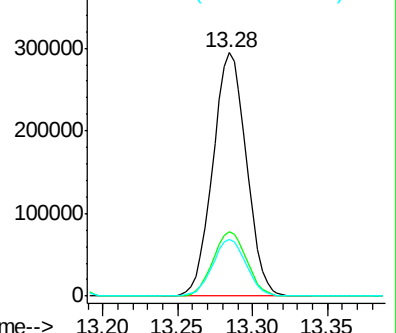
91 23.4 12.4 37.4



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

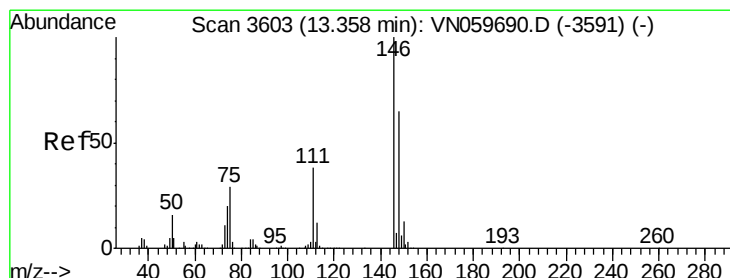
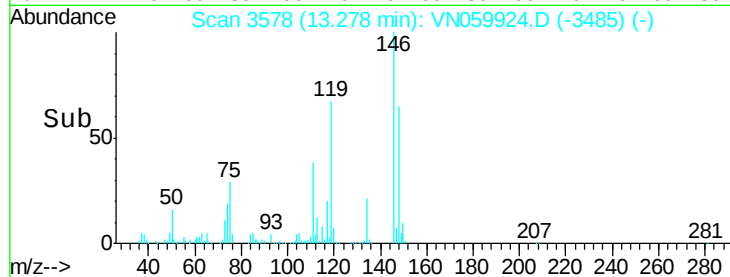
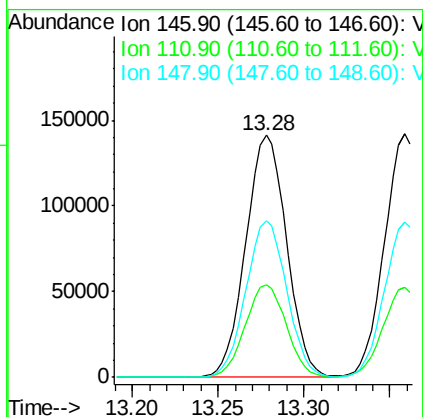
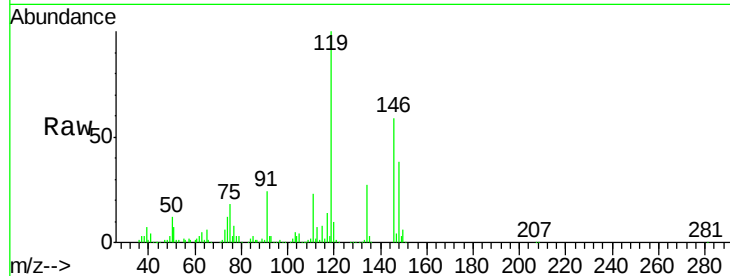




#87
 1,3-Dichlorobenzene
 Concen: 55.259 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

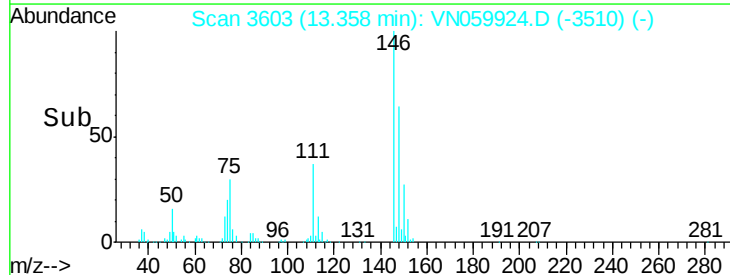
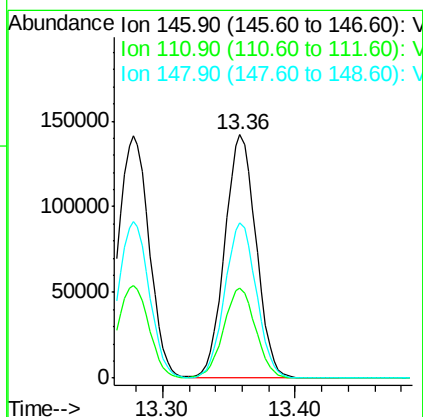
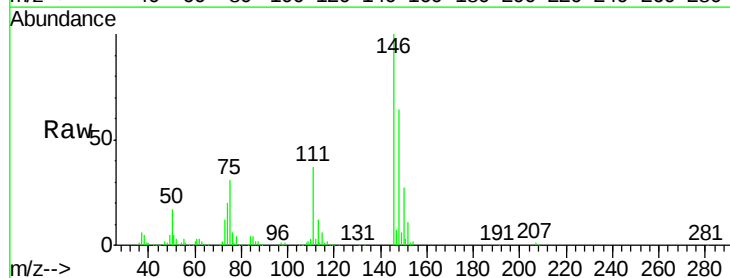
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	64.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 55.335 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	64.4	31.8	95.4

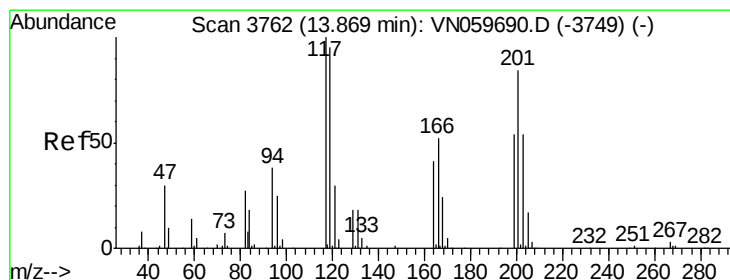
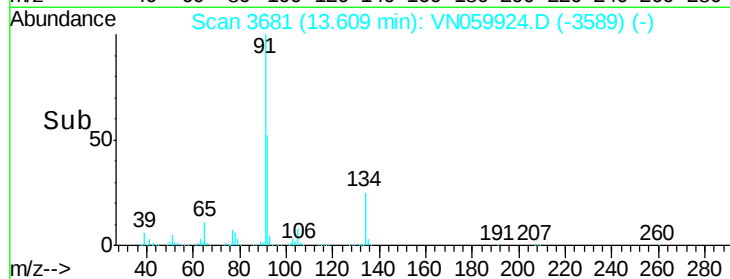
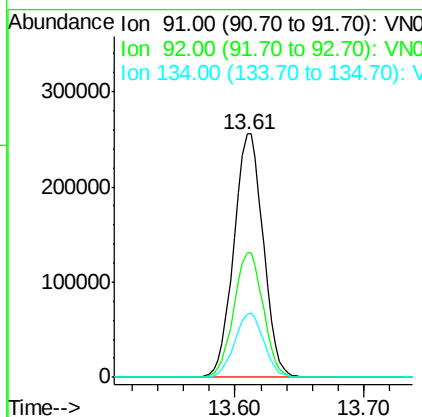
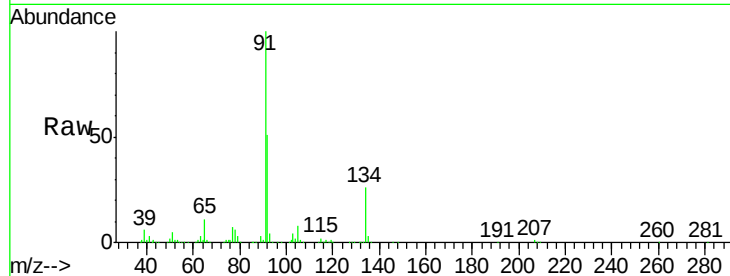




#89
n-Butylbenzene
Concen: 55.984 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

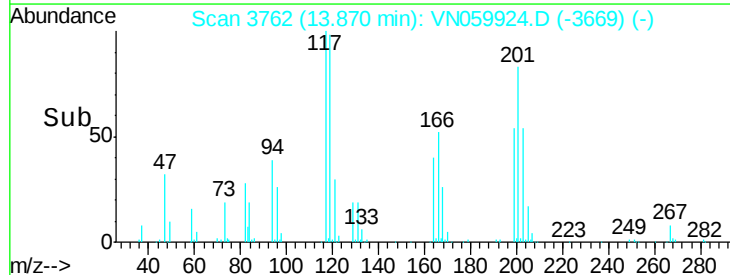
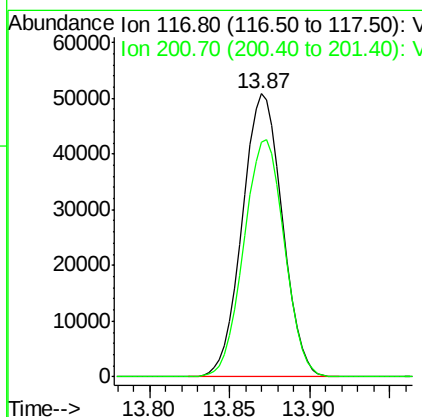
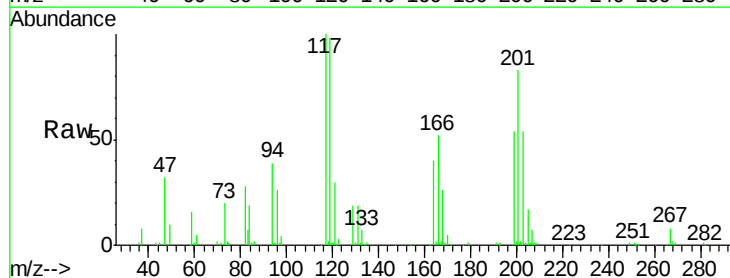
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 404553
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.7
134 26.3 12.3 36.8



#90
Hexachloroethane
Concen: 54.774 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 117 Resp: 86855
Ion Ratio Lower Upper
117 100
201 84.7 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 54.995 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

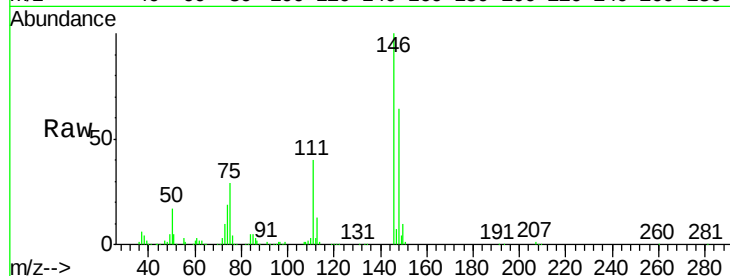
Tot Ion:146 Resp: 229225

Ion Ratio Lower Upper

146 100

111 40.0 21.6 64.8

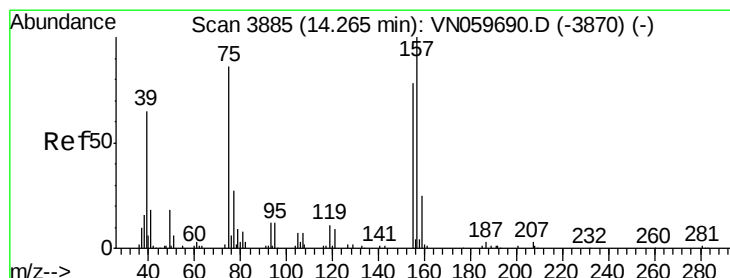
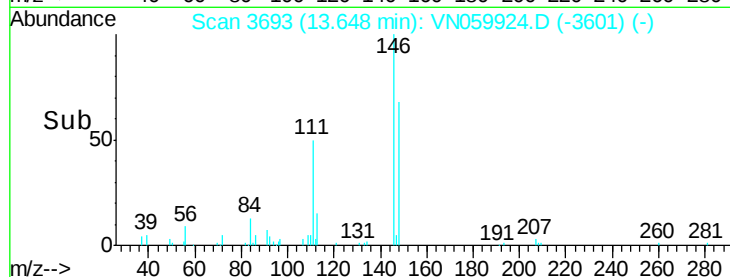
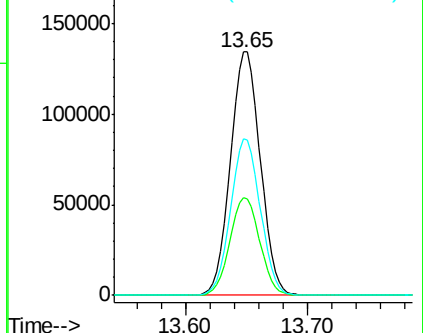
148 64.1 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.556 ug/l

RT: 14.27 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

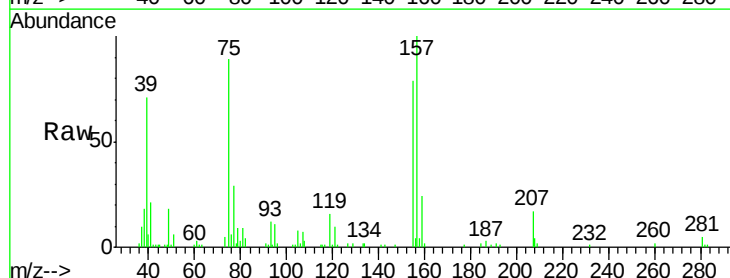
Tgt Ion: 75 Resp: 31280

Ion Ratio Lower Upper

75 100

155 90.1 37.0 110.9

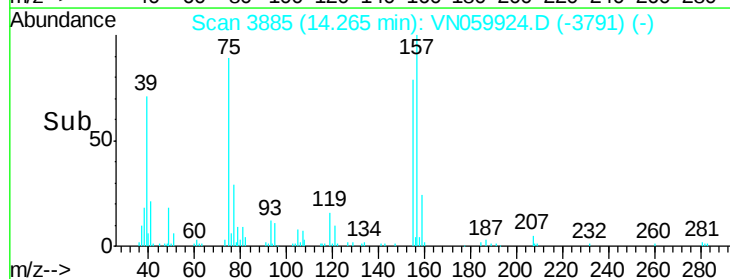
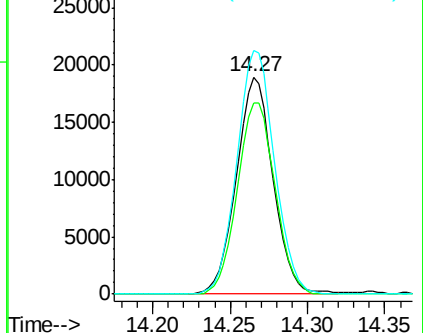
157 114.8 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

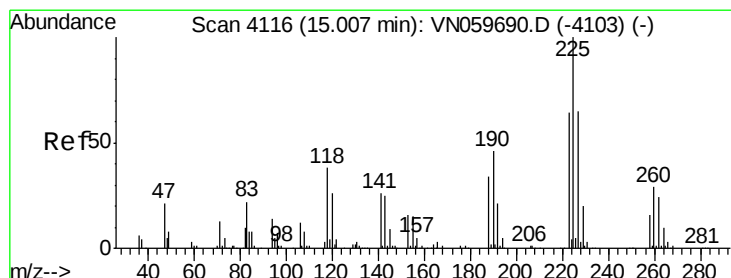
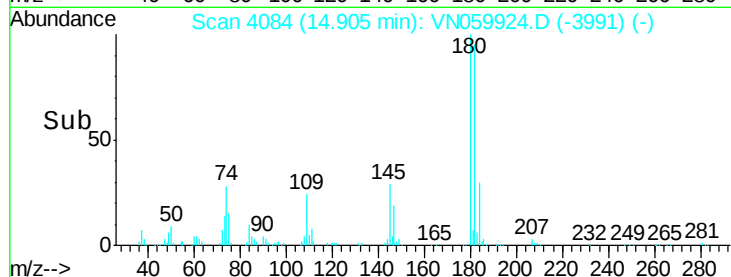
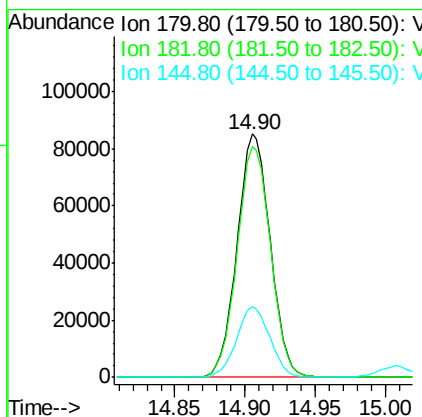
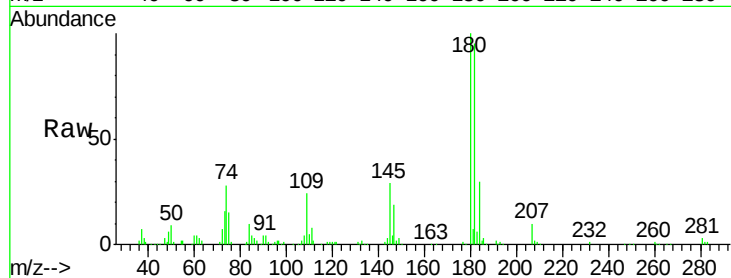




#93
 1,2,4-Trichlorobenzene
 Concen: 56.001 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

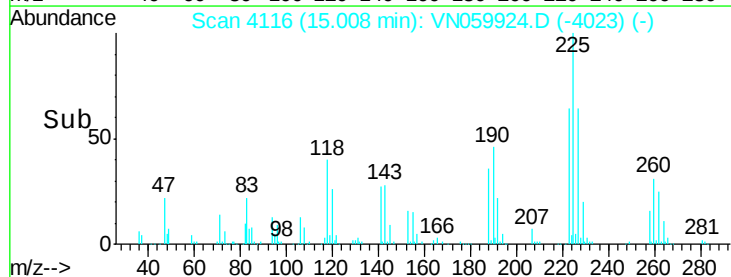
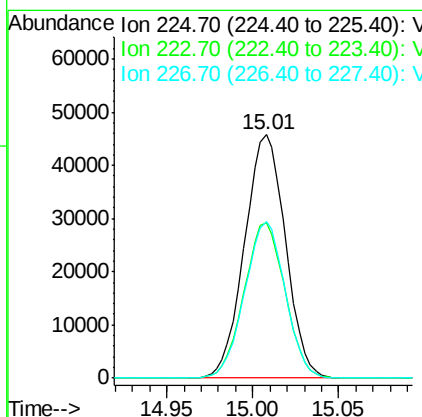
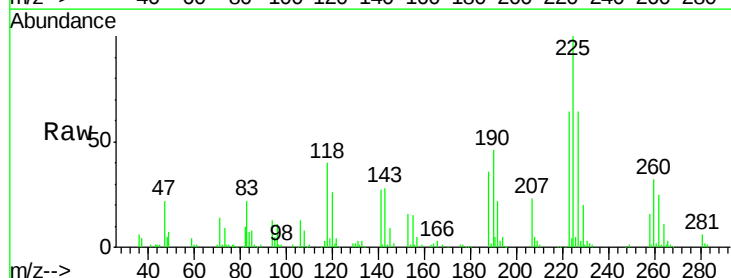
Instrument :
 MSVOA_N
 ClientSampled :

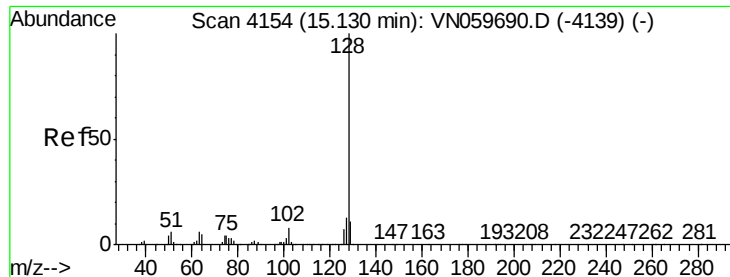
Tot Ion:180 Resp: 140256
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.7
 145 29.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 54.740 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion:225 Resp: 75550
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.8 95.3
 227 63.5 32.1 96.5





#95

Naphthalene

Concen: 52.559 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

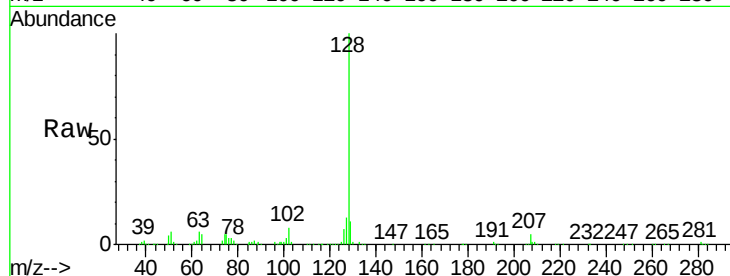
Tot Ion:128 Resp: 374422

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

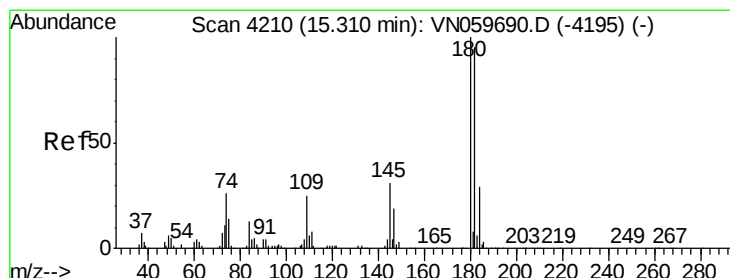
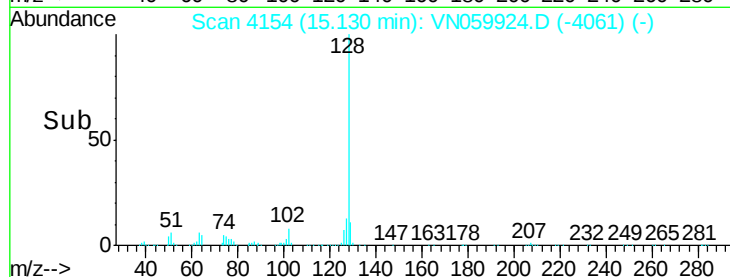
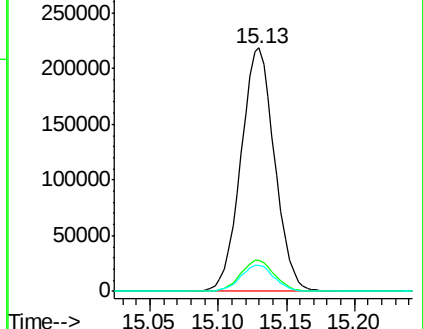
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.250 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

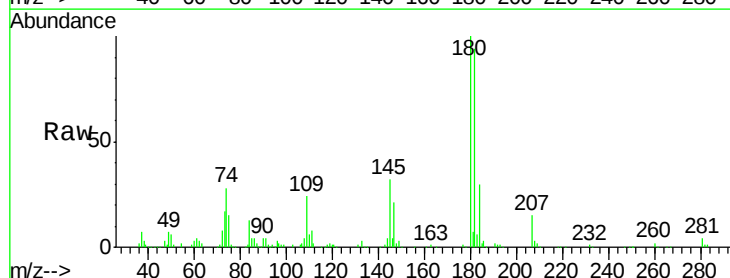
Tgt Ion:180 Resp: 134691

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 31.5 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

