

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064747.D
 Acq On : 19 Nov 2020 20:50
 Operator : JC/MD
 Sample : L4769-12DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1119

Quant Time: Nov 20 03:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183280	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	203095	59.09	ug/l	0.00
Spiked Amount				50.000		
Recovery						118.18%
35) Dibromofluoromethane	7.55	113	138283	55.58	ug/l	0.00
Spiked Amount				50.000		
Recovery						111.16%
50) Toluene-d8	10.06	98	529990	46.87	ug/l	0.00
Spiked Amount				50.000		
Recovery						93.74%
62) 4-Bromofluorobenzene	12.37	95	222240	52.58	ug/l	0.00
Spiked Amount				50.000		
Recovery						105.16%

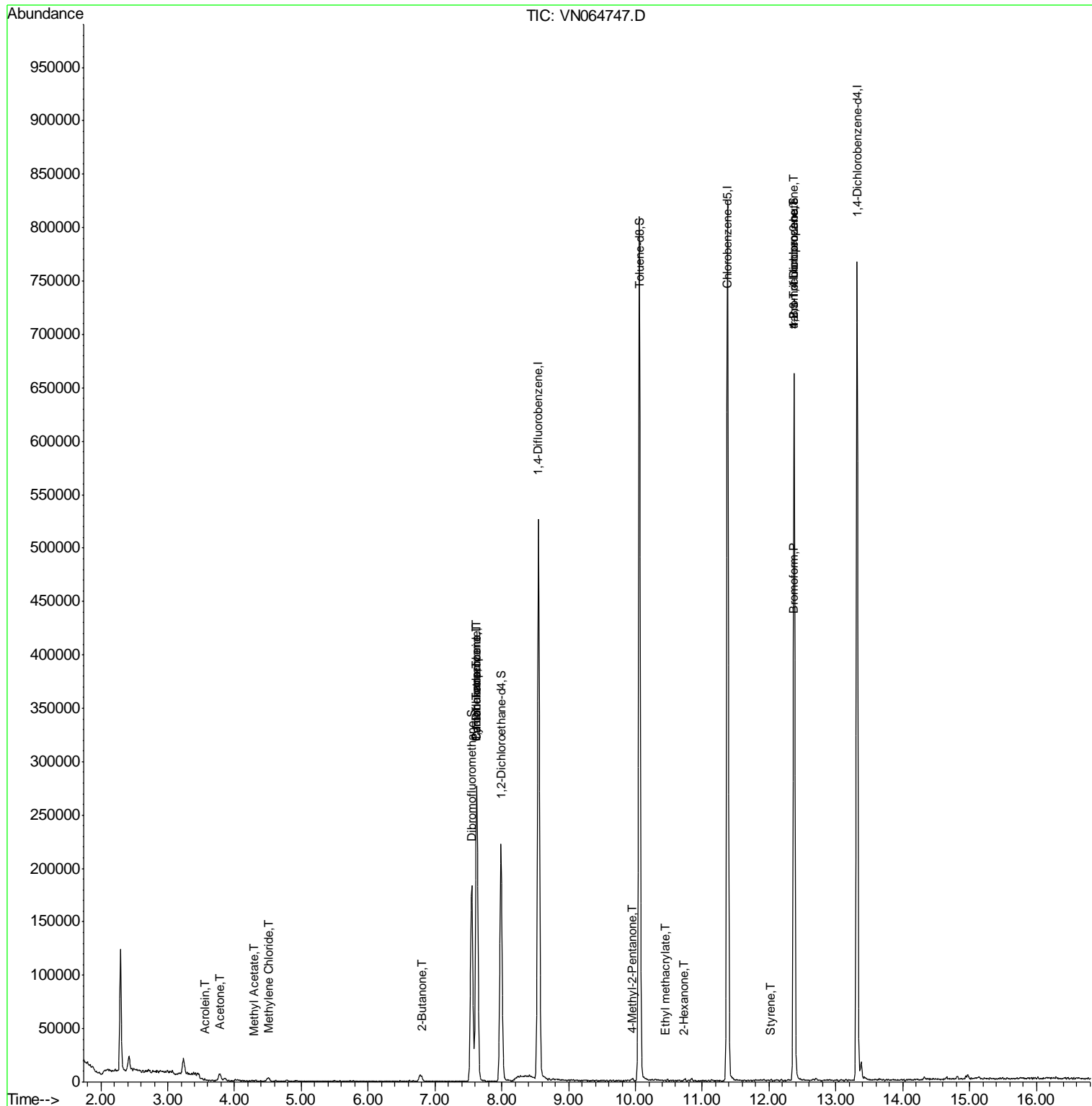
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.56	56	67	0.858	ug/l #	11
16) Acetone	3.78	43	10425	17.346	ug/l	96
18) Methyl Acetate	4.28	43	277	1.441	ug/l #	77
20) Methylene Chloride	4.50	84	901	0.354	ug/l #	79
25) 2-Butanone	6.80	43	857	0.652	ug/l #	51
31) Cyclohexane	7.63	56	5978	1.609	ug/l #	47
36) 1,1-Dichloropropene	7.63	75	19805	4.404	ug/l #	51
38) Carbon Tetrachloride	7.63	117	22337	4.674	ug/l #	17
51) 4-Methyl-2-Pentanone	9.95	43	2402	6.661	ug/l #	71
56) Ethyl methacrylate	10.44	69	32	2.681	ug/l #	1
59) 2-Hexanone	10.72	43	218	8.505	ug/l #	28
70) Styrene	12.04	104	32	2.539	ug/l #	24
71) Bromoform	12.35	173	113	2.487	ug/l #	29
76) 1,2,3-Trichloropropane	12.37	75	125979	31.901	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	125979	81.225	ug/l #	5

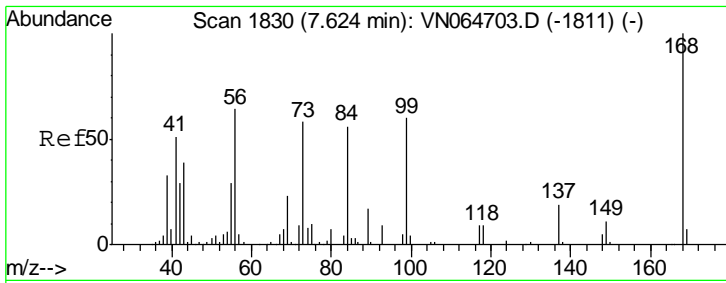
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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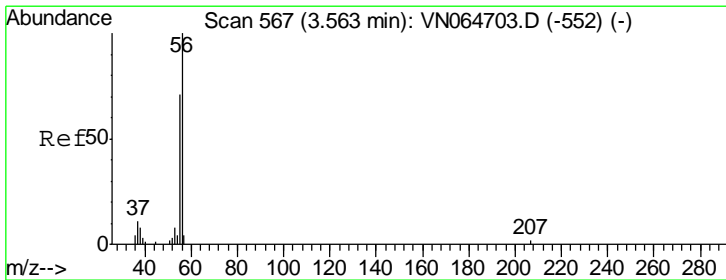
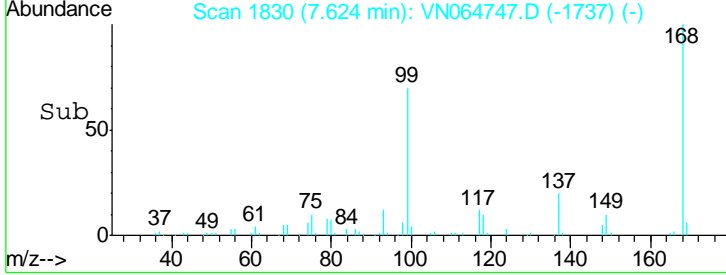
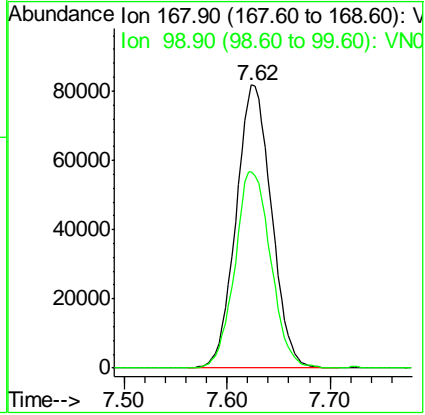
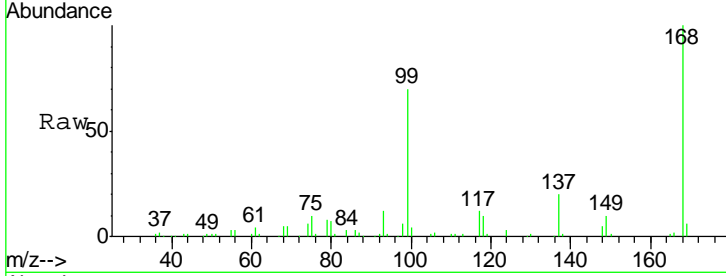




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

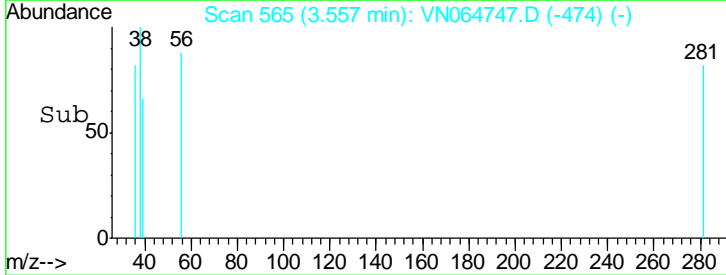
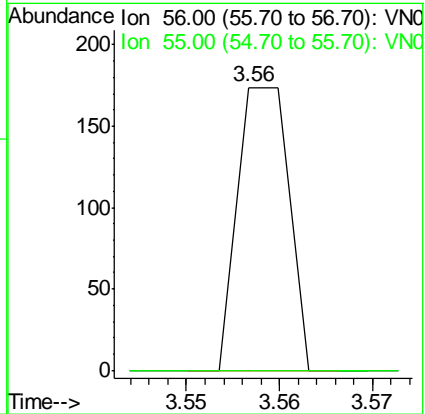
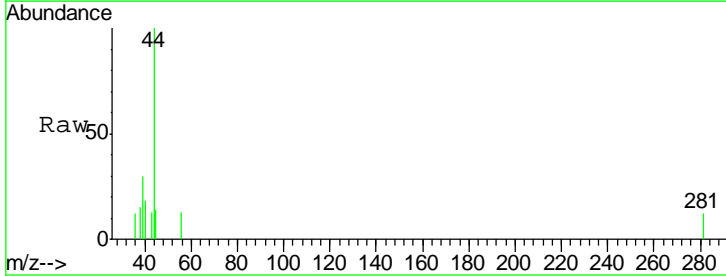
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

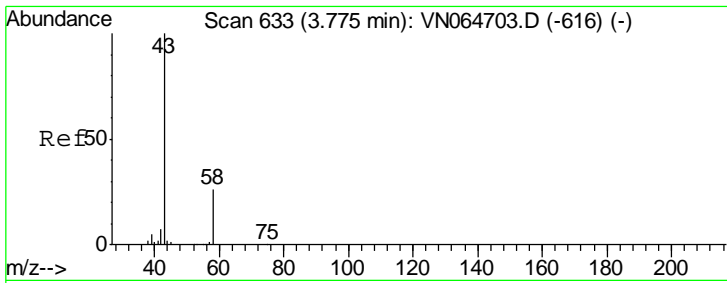
Tgt Ion: 168 Resp: 195383
 Ion Ratio Lower Upper
 168 100
 99 69.6 55.7 83.5



#13
 Acrolein
 Concen: 0.858 ug/l
 RT: 3.56 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion: 56 Resp: 67
 Ion Ratio Lower Upper
 56 100
 55 0.0 61.8 92.6#

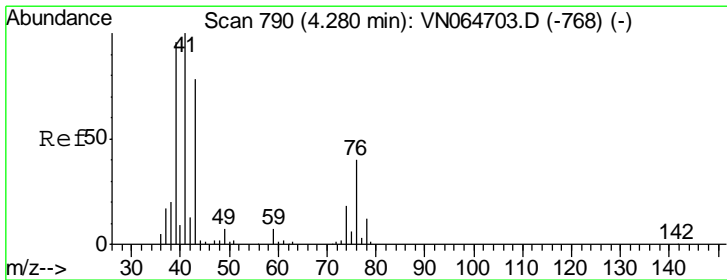
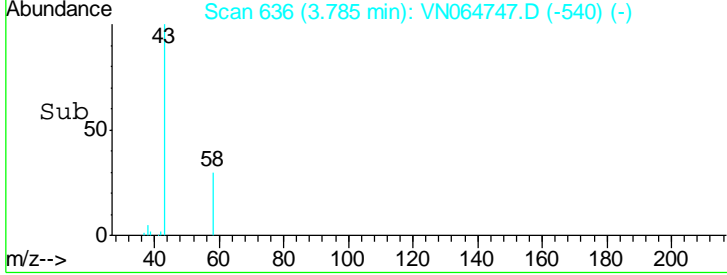
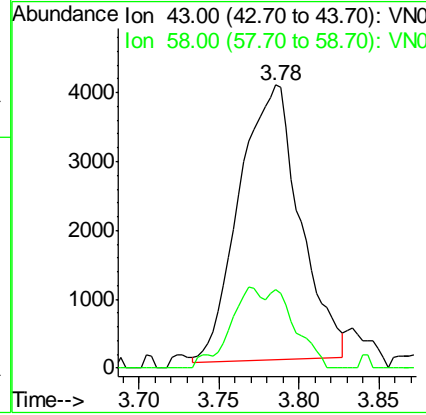
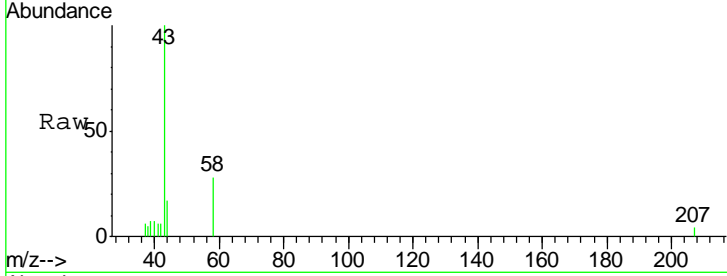




#16
 Acetone
 Concen: 17.346 ug/l
 RT: 3.78 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

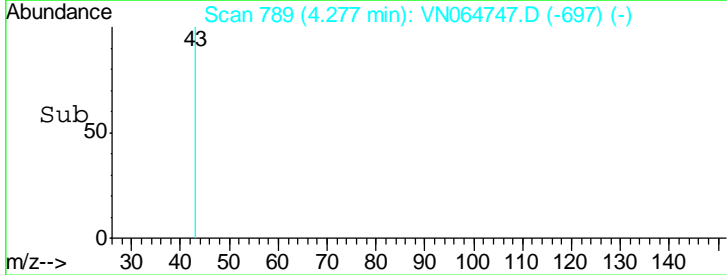
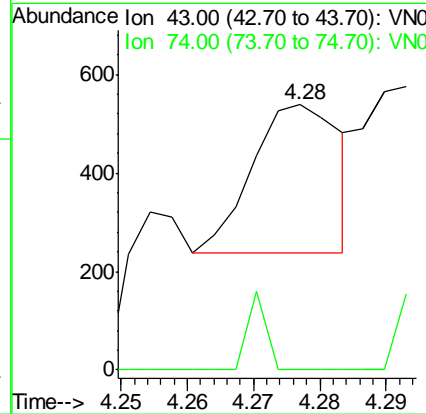
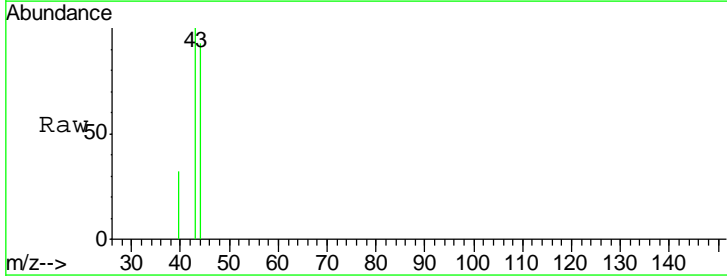
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

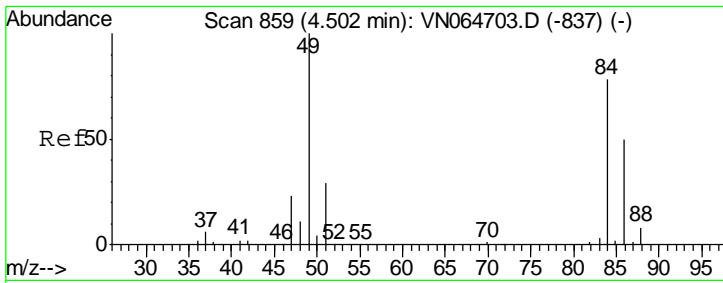
Tgt Ion	Resp	Lower	Upper
43	10425		
58	28.8	21.2	31.8



#18
 Methyl Acetate
 Concen: 1.441 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
43	277		
74	11.2	17.6	26.4#

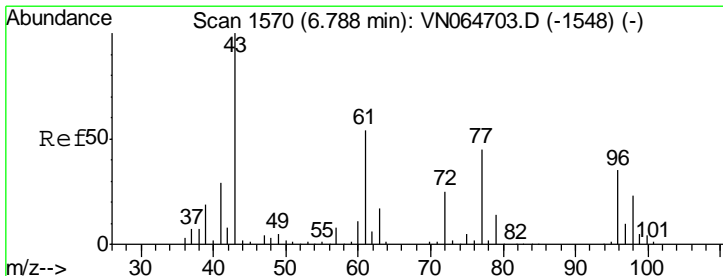
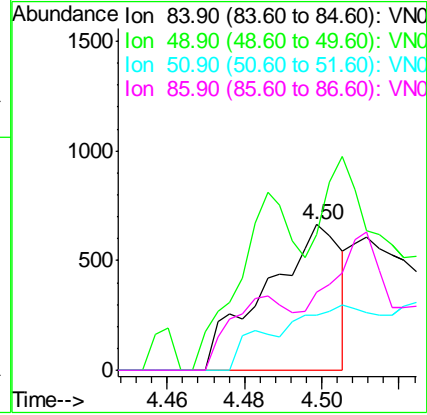
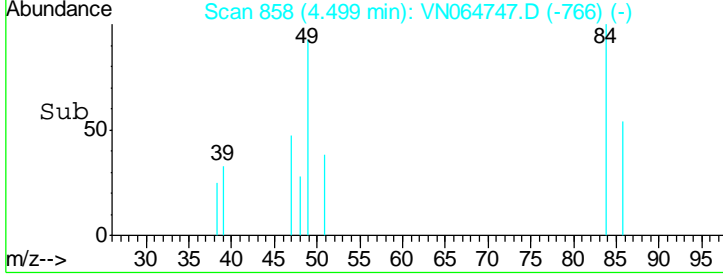
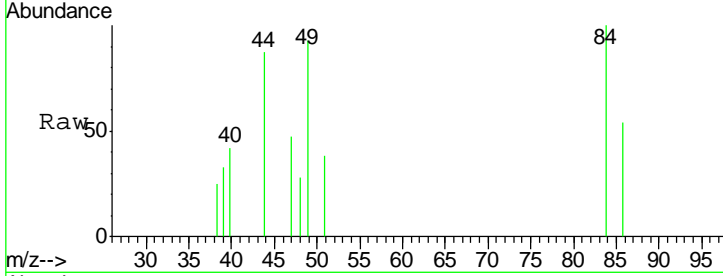




#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064747.D
Acq: 19 Nov 2020 20:50

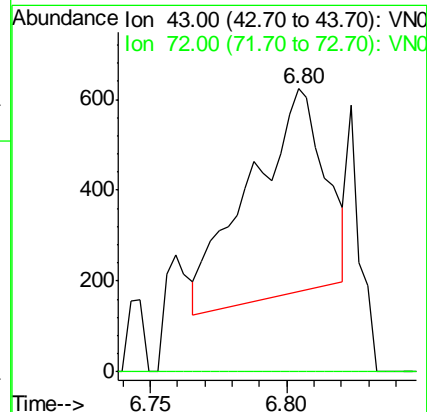
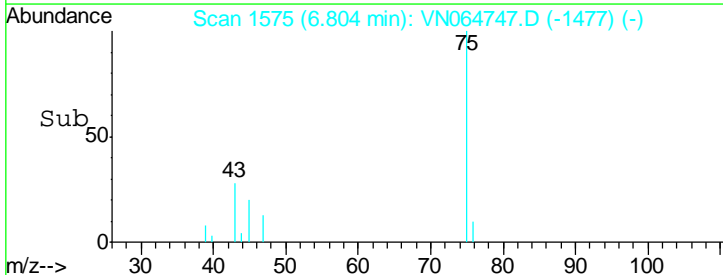
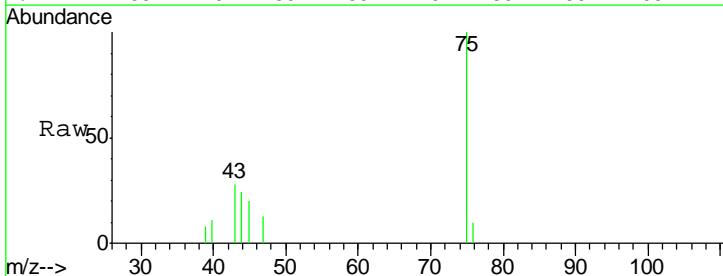
Instrument :
MSVOA_N
ClientSampled :
TRE-1119

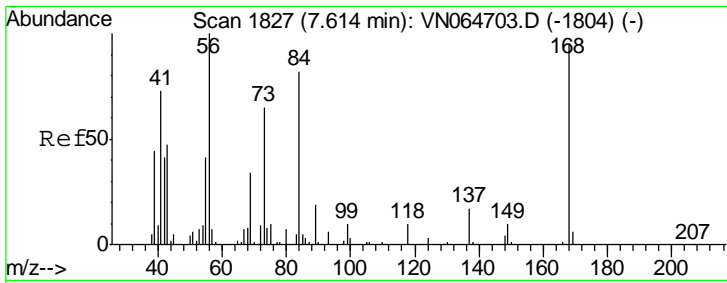
Tgt Ion	Resp	Lower	Upper
84	100		
49	93.2	102.4	153.6#
51	37.9	29.4	44.2
86	53.8	51.2	76.8



#25
2-Butanone
Concen: 0.652 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN064747.D
Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
43	100		
72	0.0	19.7	29.5#

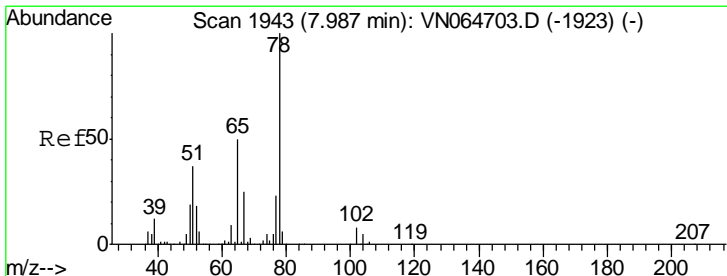
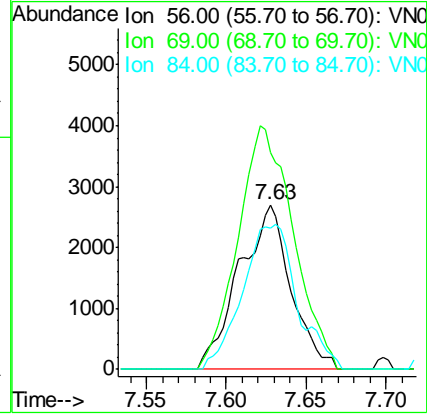
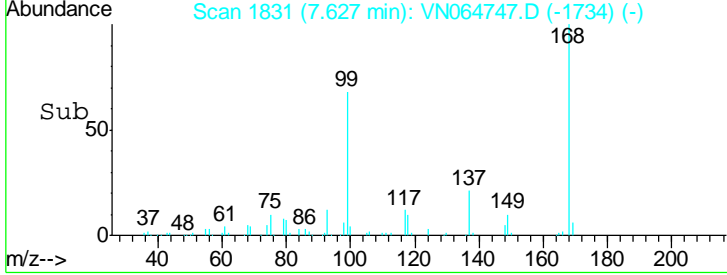
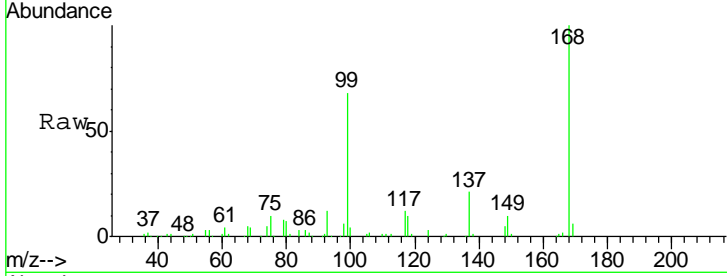




#31
 Cyclohexane
 Concen: 1.609 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

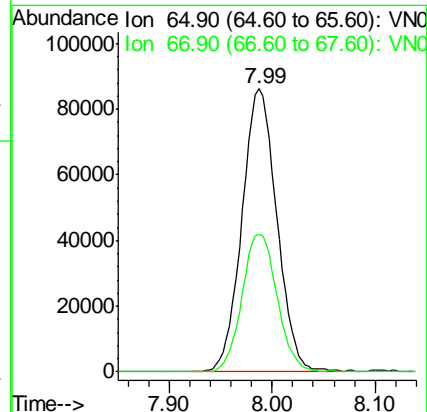
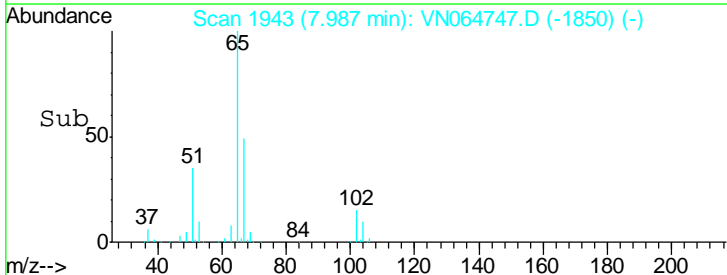
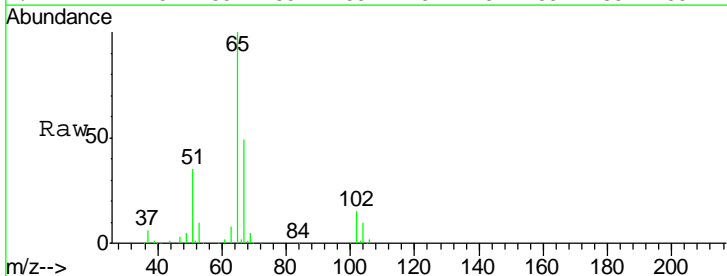
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

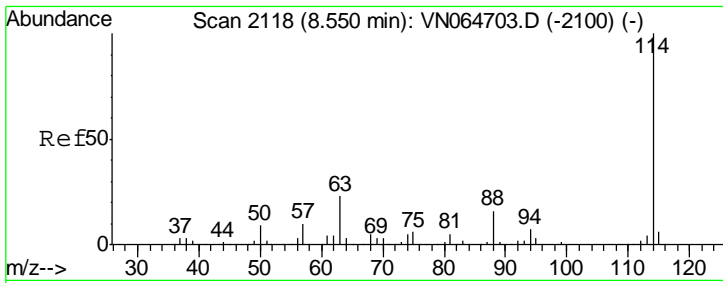
Tgt Ion	Resp	Lower	Upper
56	5978		
56	100		
69	132.3	27.2	40.8#
84	86.0	65.9	98.9



#33
 1,2-Dichloroethane-d4
 Concen: 59.089 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
65	203095		
65	100		
67	48.8	0.0	99.8

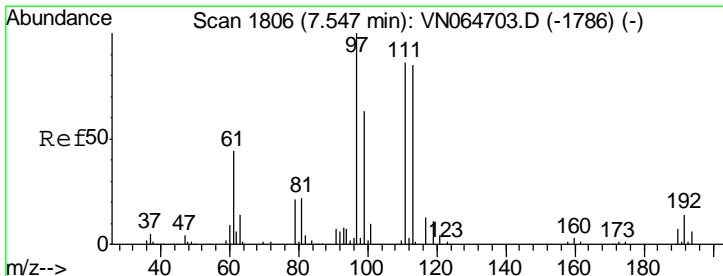
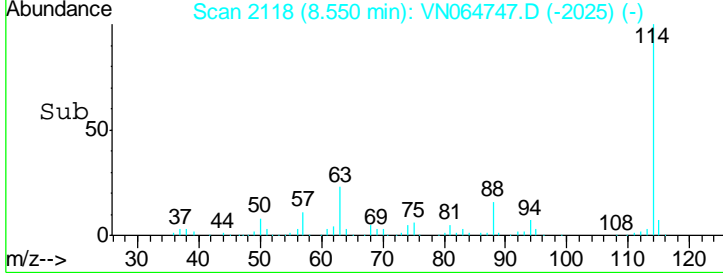
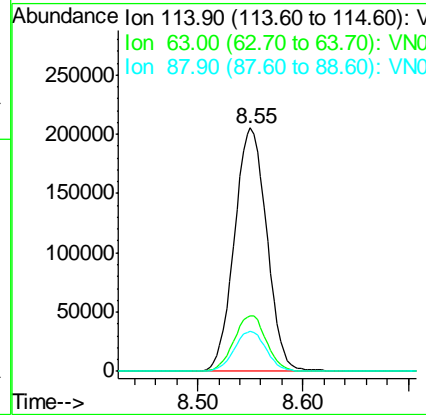
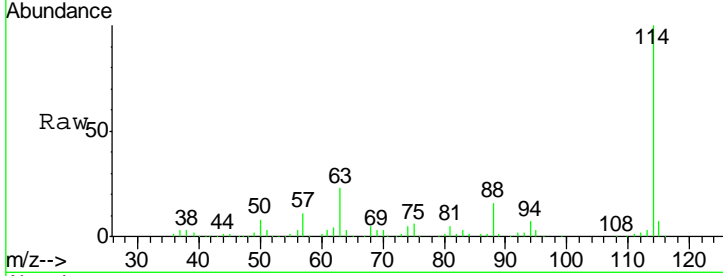




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

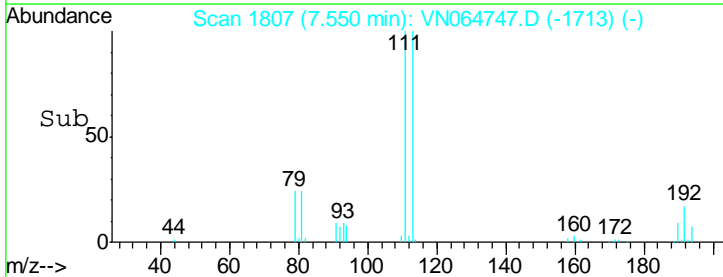
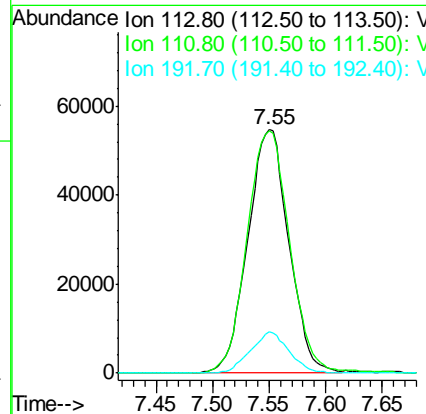
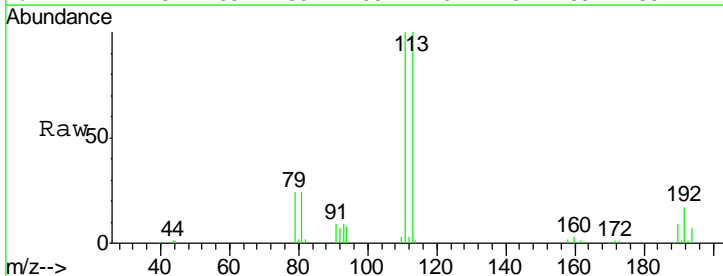
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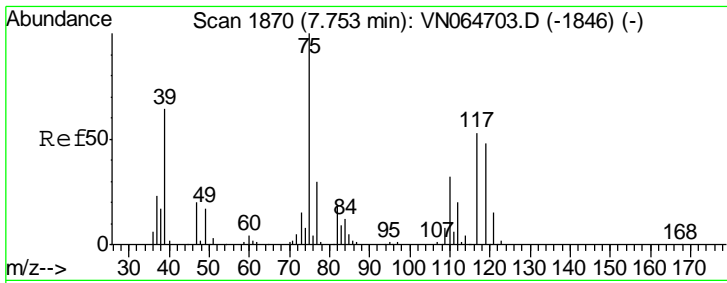
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	16.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 55.583 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	15.9	12.7	19.1

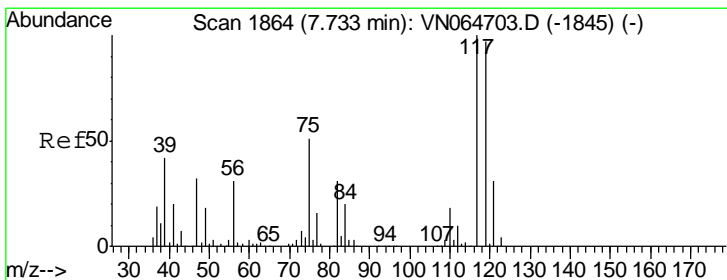
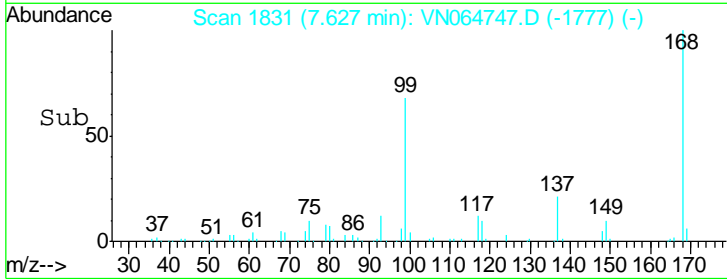
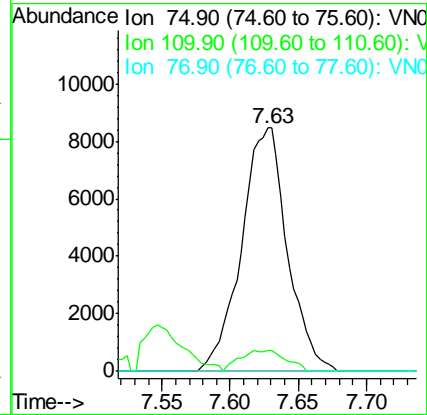
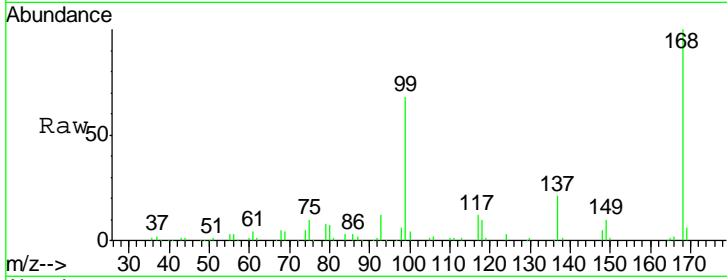




#36
 1,1-Dichloropropene
 Concen: 4.404 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

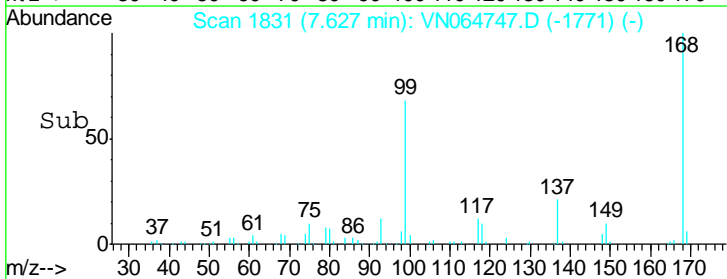
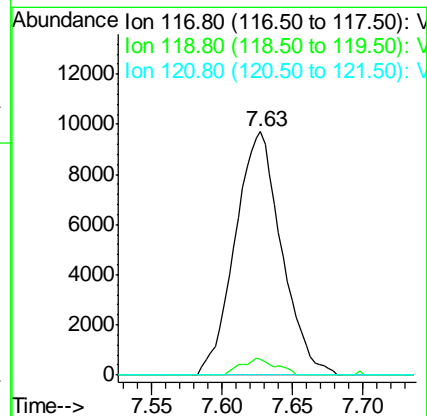
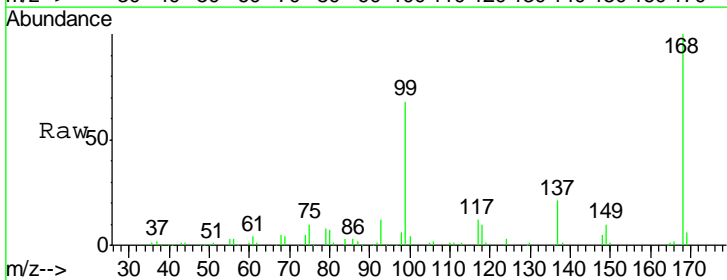
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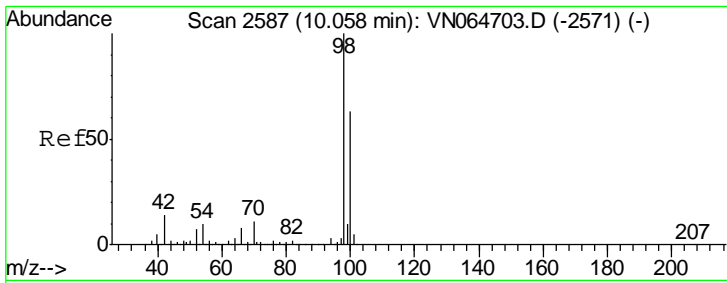
Tgt Ion	Resp	Lower	Upper
75	19805		
75	100		
110	8.7	16.2	48.6#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.674 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
117	22337		
117	100		
119	6.7	77.8	116.6#
121	0.0	24.9	37.3#

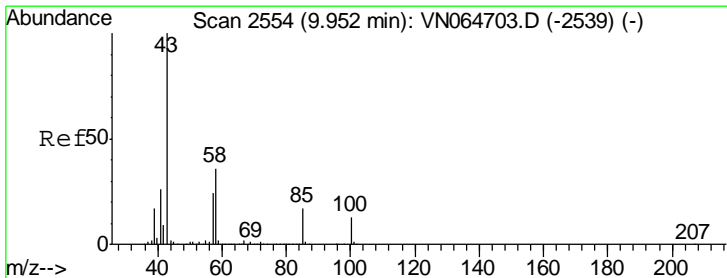
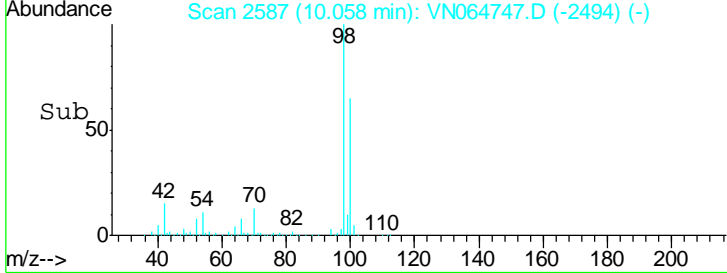
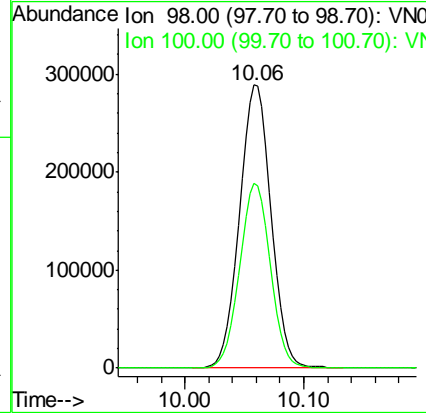
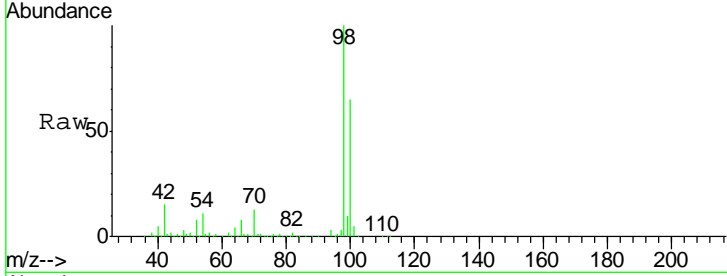




#50
 Toluene-d8
 Concen: 46.873 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

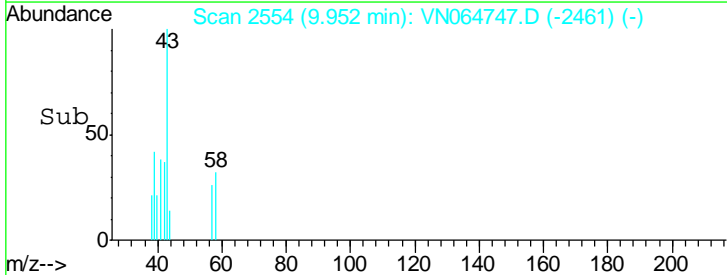
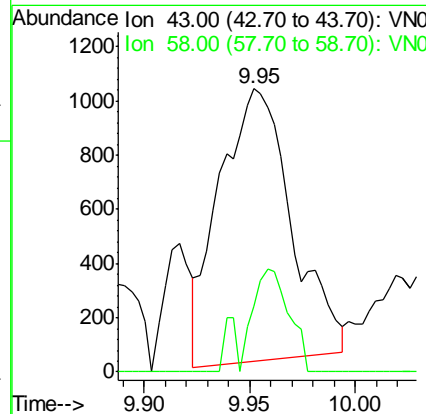
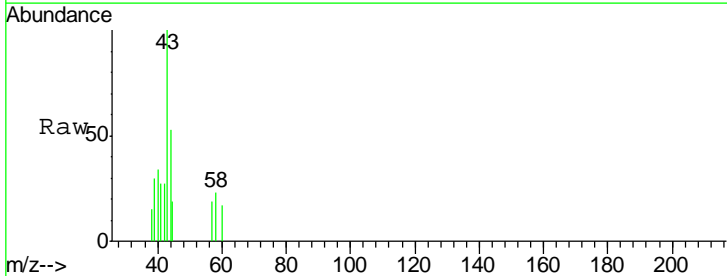
Instrument : MSVOA_N
 ClientSampled : TRE-1119

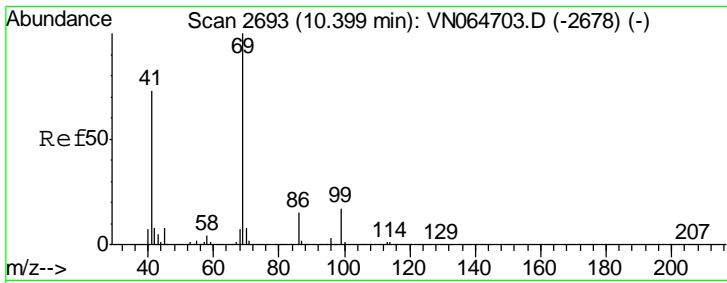
Tgt Ion: 98 Resp: 529990
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.4 75.6



#51
 4-Methyl-2-Pentanone
 Concen: 6.661 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion: 43 Resp: 2402
 Ion Ratio Lower Upper
 43 100
 58 18.9 28.5 42.7#

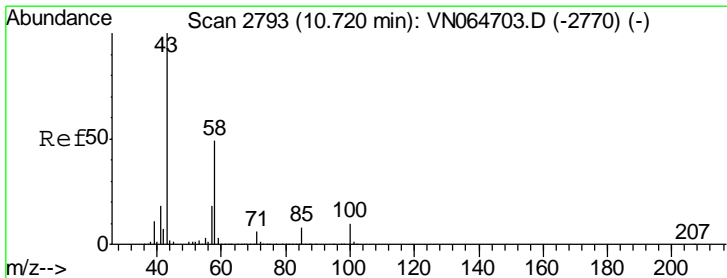
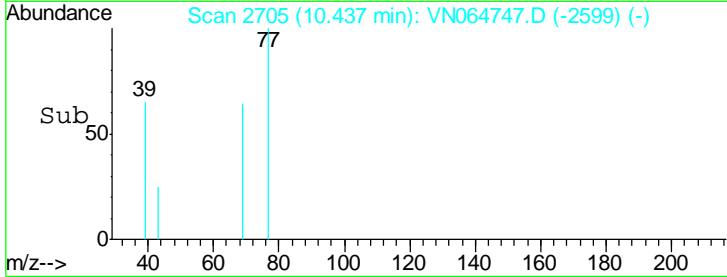
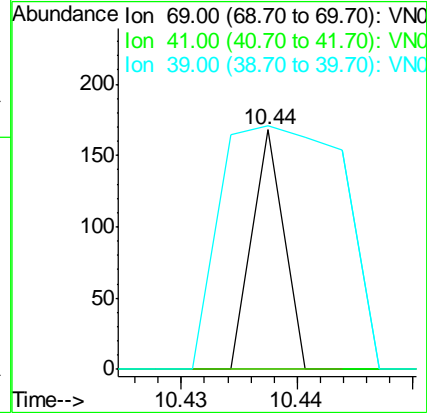
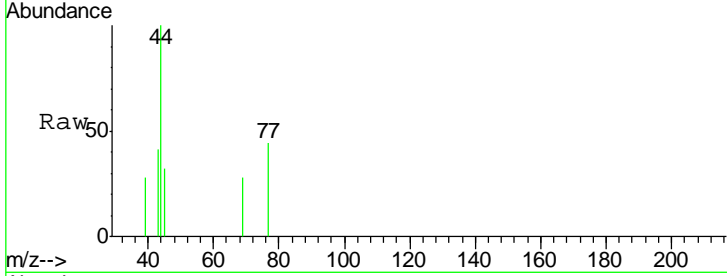




#56
 Ethyl methacrylate
 Concen: 2.681 ug/l
 RT: 10.44 min Scan# 2705
 Delta R.T. 0.04 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

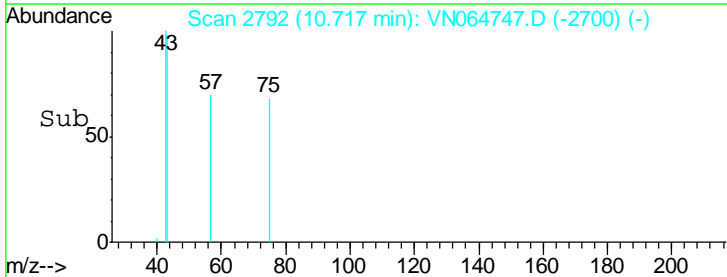
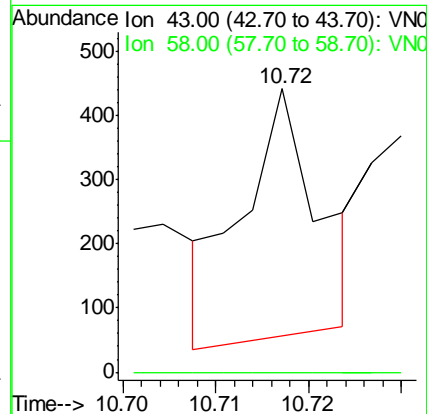
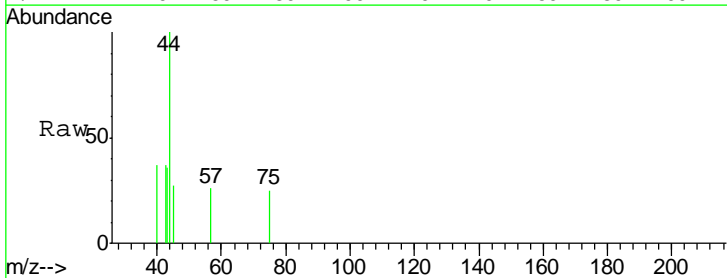
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

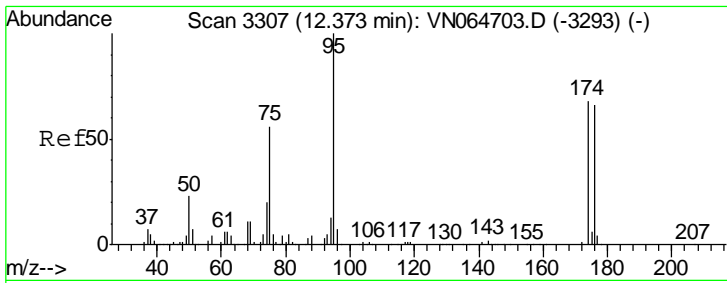
Tgt Ion	Resp	Lower	Upper
69	100		
41	0.0	59.0	88.4#
39	393.8	38.4	57.6#



#59
 2-Hexanone
 Concen: 8.505 ug/l
 RT: 10.72 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
43	100		
58	0.0	24.4	73.4#

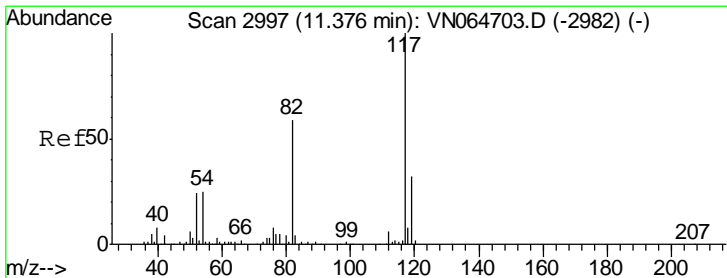
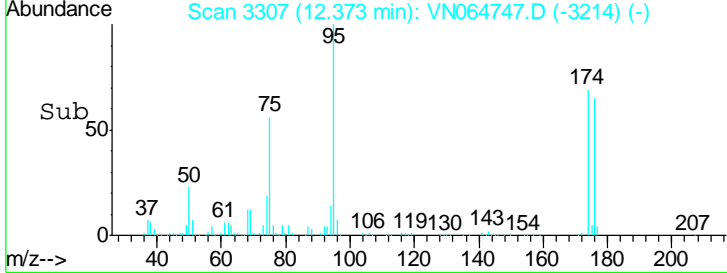
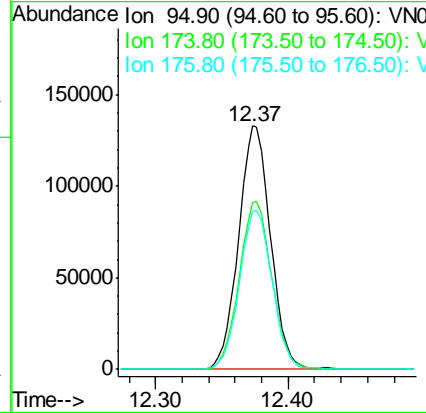
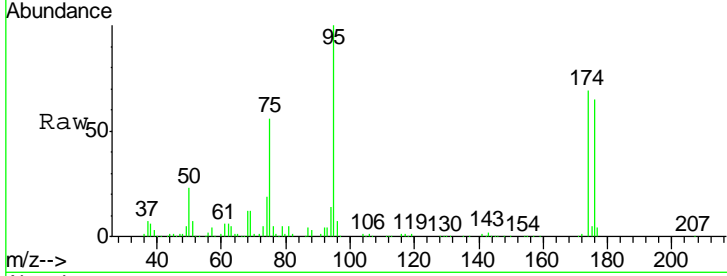




#62
 4-Bromofluorobenzene
 Concen: 52.585 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

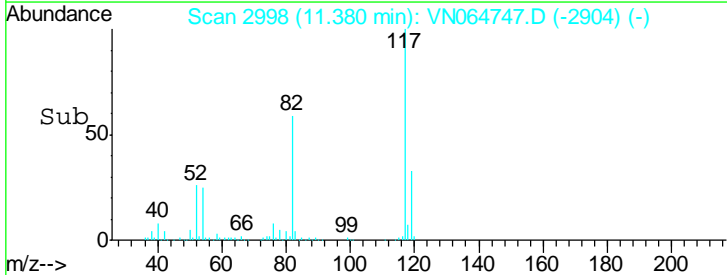
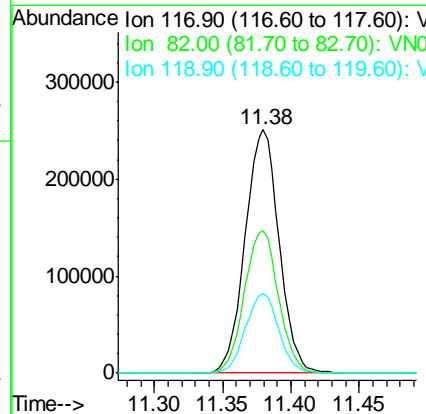
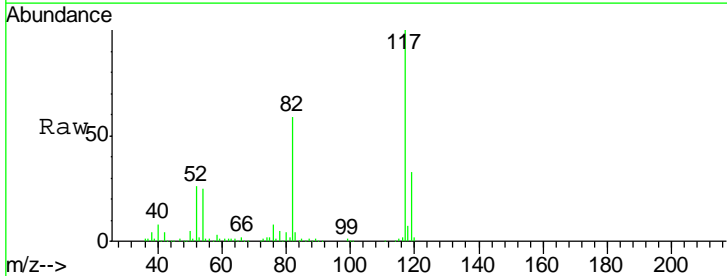
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

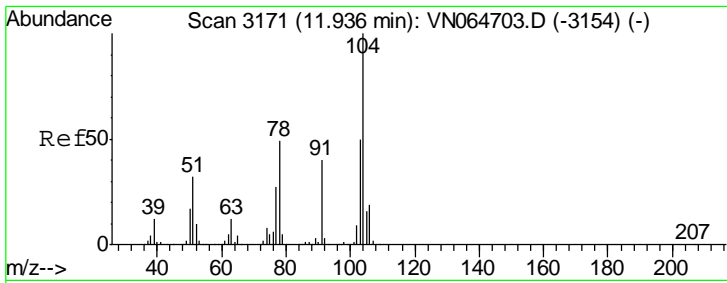
Tgt Ion	Resp	Lower	Upper
95	222240		
174	70.5	0.0	136.8
176	67.1	0.0	134.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
117	433695		
82	58.5	47.0	70.6
119	32.6	25.4	38.2

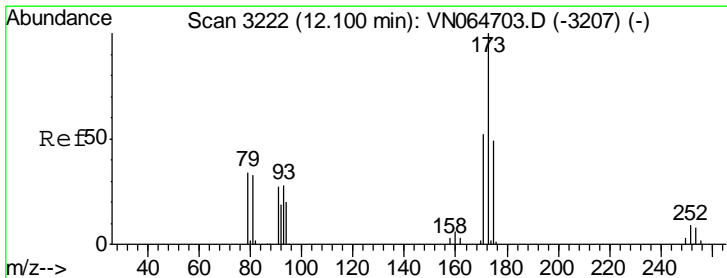
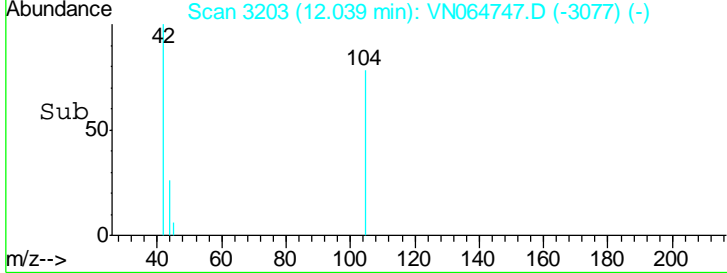
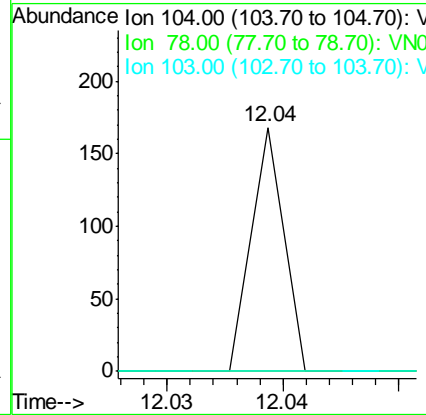
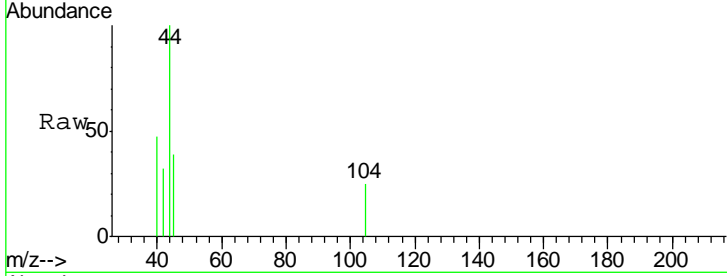




#70
 Styrene
 Concen: 2.539 ug/l
 RT: 12.04 min Scan# 3203
 Delta R.T. 0.10 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

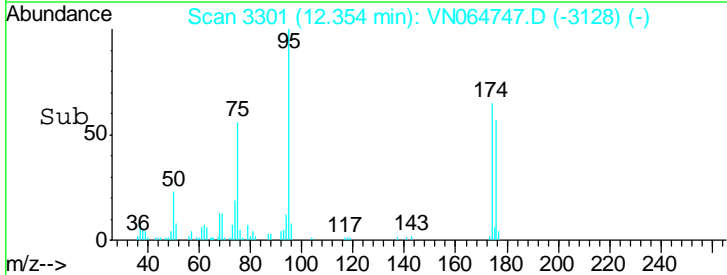
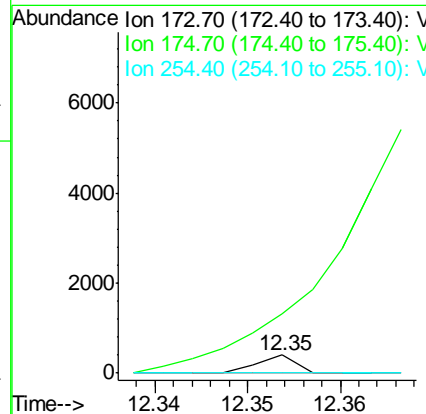
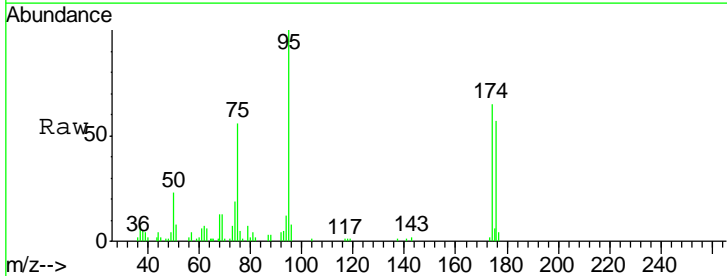
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-1119

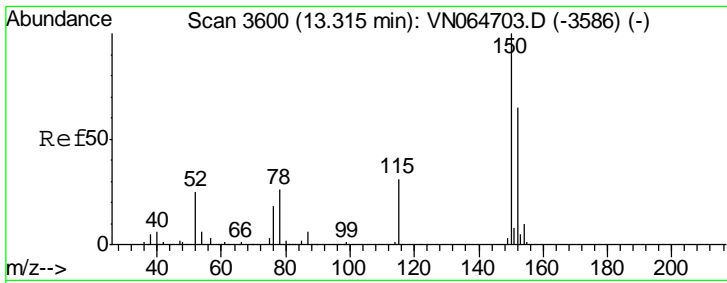
Tgt Ion	Resp	Lower	Upper
104	100		
78	0.0	44.1	66.1#
103	0.0	43.7	65.5#



#71
 Bromoform
 Concen: 2.487 ug/l
 RT: 12.35 min Scan# 3301
 Delta R.T. 0.25 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
173	100		
175	0.0	24.3	72.9#
254	0.0	0.1	0.1#

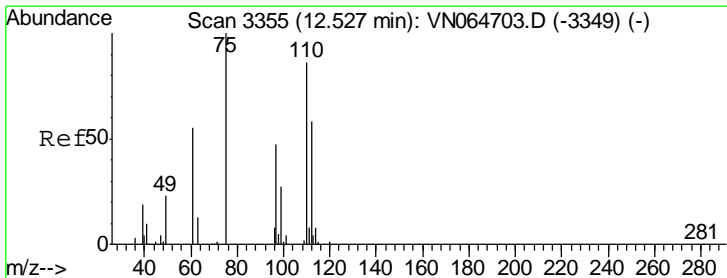
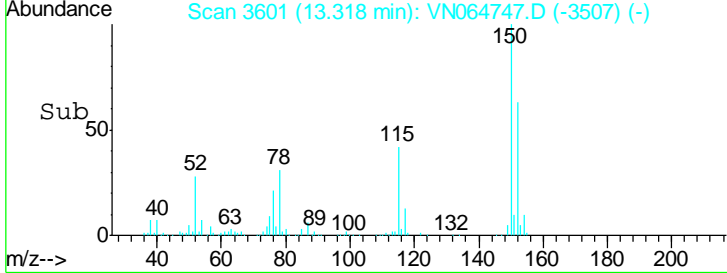
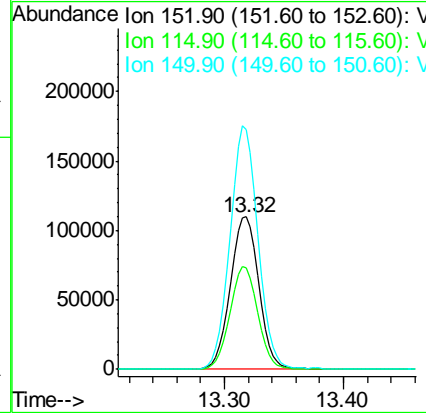
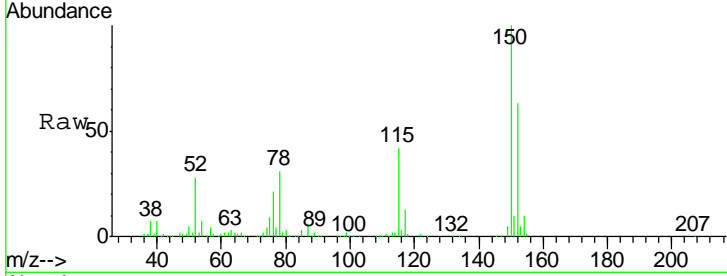




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

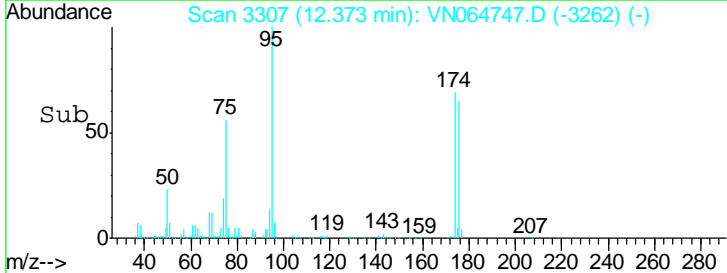
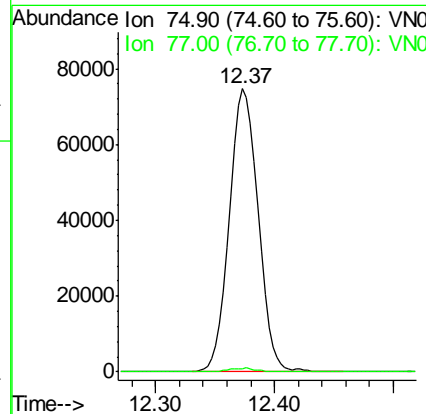
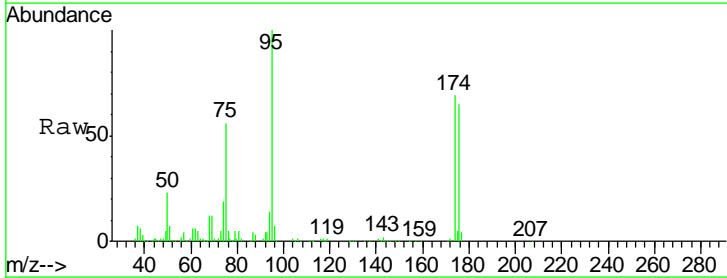
Instrument : MSVOA_N
 ClientSampled : TRE-1119

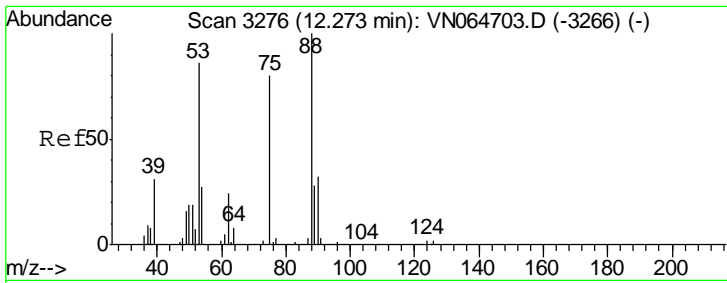
Tgt Ion	Resp	Lower	Upper
152	100		
115	65.3	32.1	96.3
150	155.5	0.0	344.8



#76
 1,2,3-Trichloropropane
 Concen: 31.901 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	0.0	0.0#

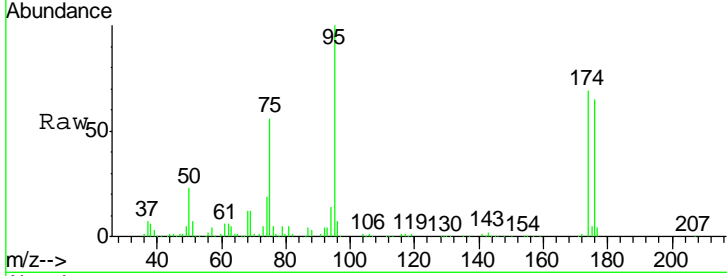




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.225 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064747.D
 Acq: 19 Nov 2020 20:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1119

Tot Ion	Resp	Lower	Upper
75	125979		
75	100		
53	0.2	88.8	133.2#
89	0.0	43.1	64.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 53.00 (52.70 to 53.70): VNO
 Ion 88.90 (88.60 to 89.60): VNO

