Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061447.D
Acq On : 18 May 2020 20:10
Operator : JC/MD
Sample : L2506-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Quant Time: May 19 03:32:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	258633	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	481111	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	480098	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205853	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	187323	48.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.06%				
35) Dibromofluoromethane	7.55	113	137037	54.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.74%				
50) Toluene-d8	10.06	98	617920	52.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.72%				
62) 4-Bromofluorobenzene	12.37	95	233930	53.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.12%				
Target Compounds							Qvalue
5) Bromomethane	2.53	94	328	Below Cal		#	3
16) Acetone	3.79	43	5504	Below Cal			98
17) Carbon Disulfide	4.00	76	579	Below Cal		#	75
18) Methyl Acetate	4.27	43	29	Below Cal		#	49
20) Methylene Chloride	4.50	84	6367	2.007	ug/l	#	92
25) 2-Butanone	6.79	43	887	0.505	ug/l	#	46
29) Tetrahydrofuran	7.18	42	571	0.491	ug/l	#	42
31) Cyclohexane	7.63	56	6219	Below Cal		#	5
36) 1,1-Dichloropropene	7.62	75	22939	5.099	ug/l	#	48
38) Carbon Tetrachloride	7.63	117	26890	6.492	ug/l	#	15
41) Methacrylonitrile	7.19	41	472	0.274	ug/l	#	24
51) 4-Methyl-2-Pentanone	9.95	43	1218	0.314	ug/l	#	85
59) 2-Hexanone	10.74	43	727	0.259	ug/l	#	22
71) Bromoform	12.38	173	1821	2.660	ug/l	#	1
76) 1,2,3-Trichloropropane	12.37	75	125871	28.496	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.37	75	125871	75.594	ug/l	#	12
94) Hexachlorobutadiene	14.99	225	307	0.202	ug/l	#	19

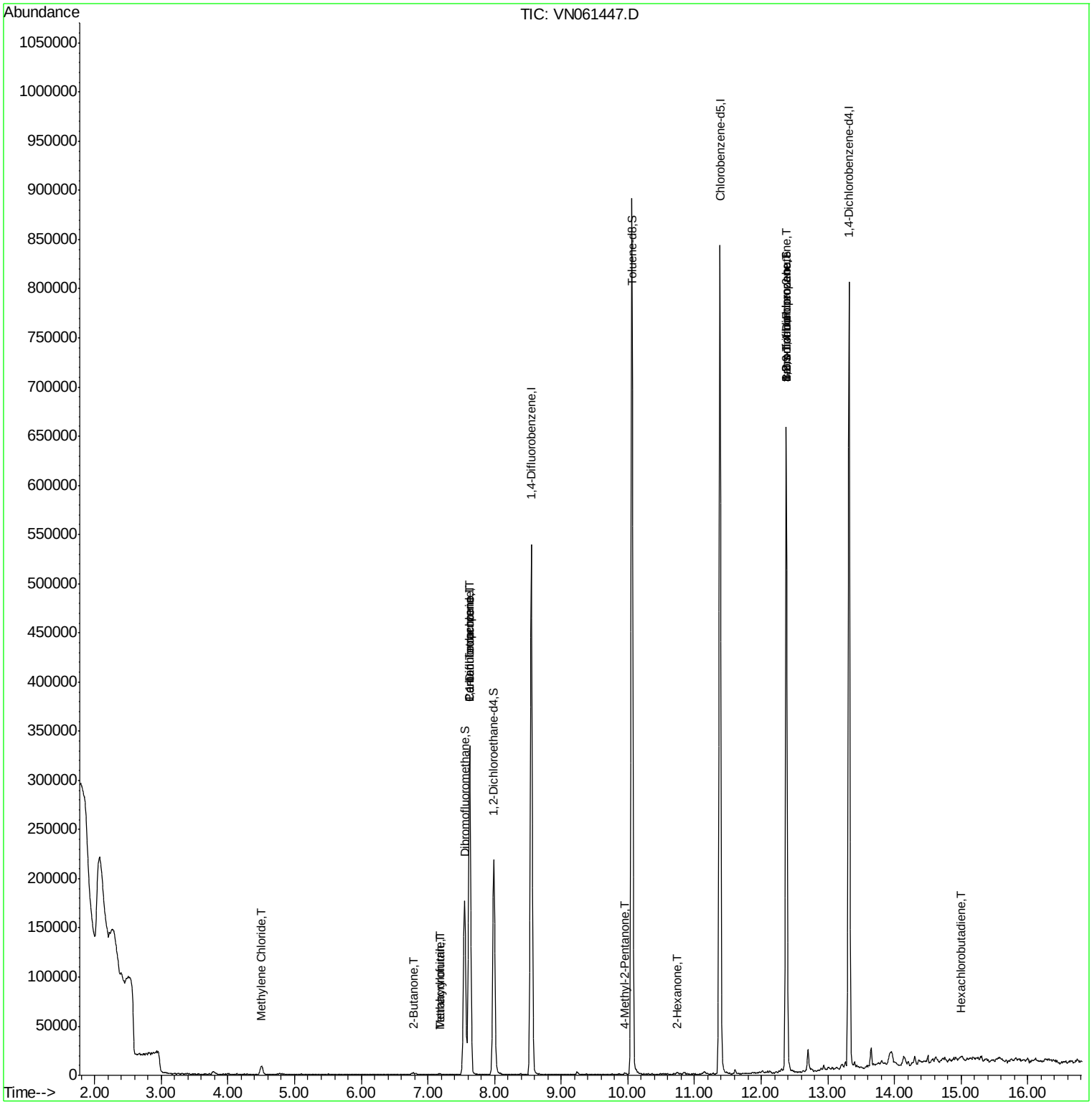
(#) = qualifier out of range (m) = manual integration (+) = signals summed

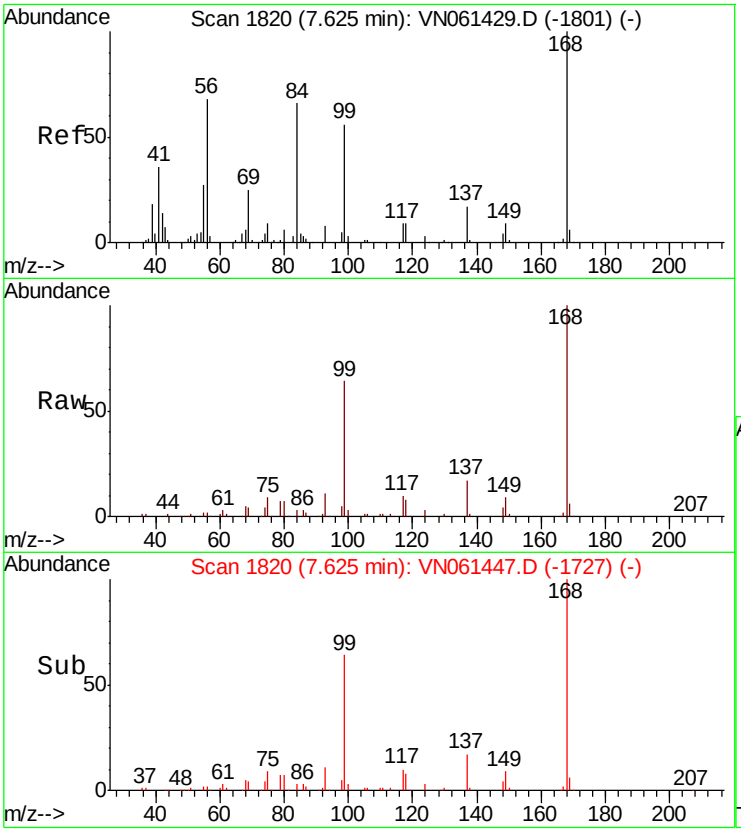
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061447.D
Acq On : 18 May 2020 20:10
Operator : JC/MD
Sample : L2506-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Quant Time: May 19 03:32:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration



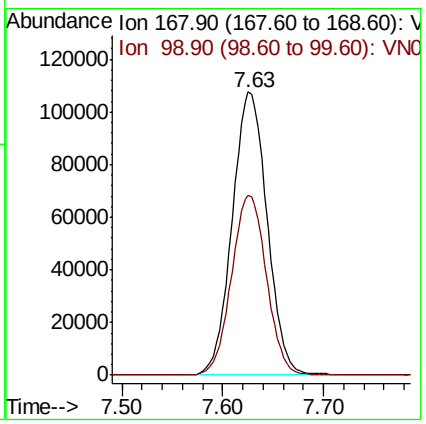


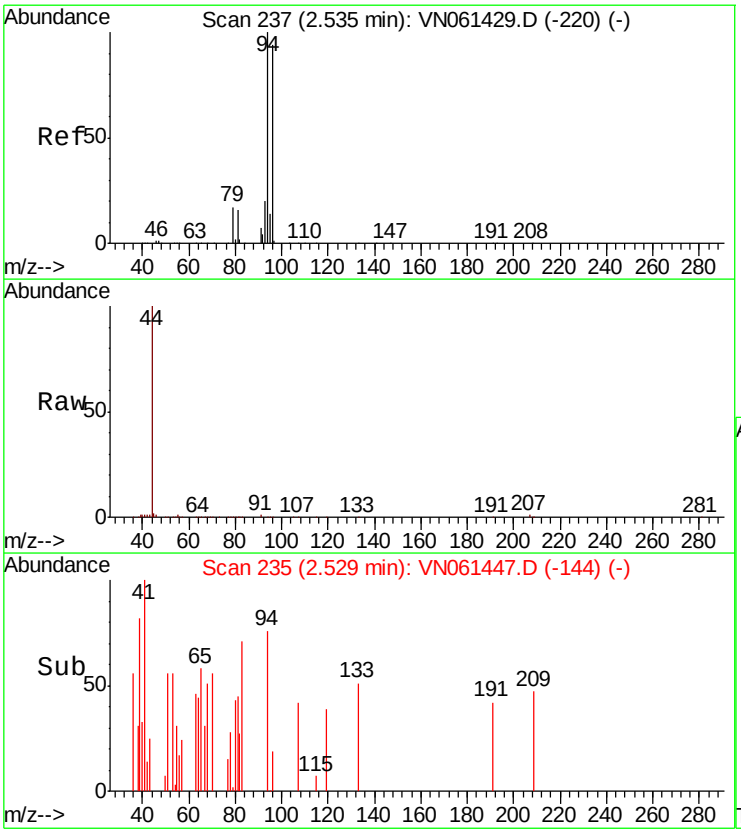
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Tgt Ion:168 Resp: 258633

Ion	Ratio	Lower	Upper
168	100		
99	63.6	51.1	76.7

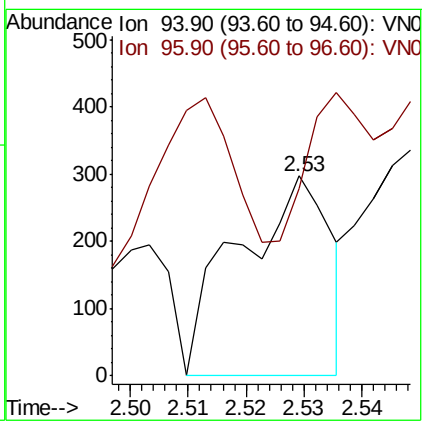


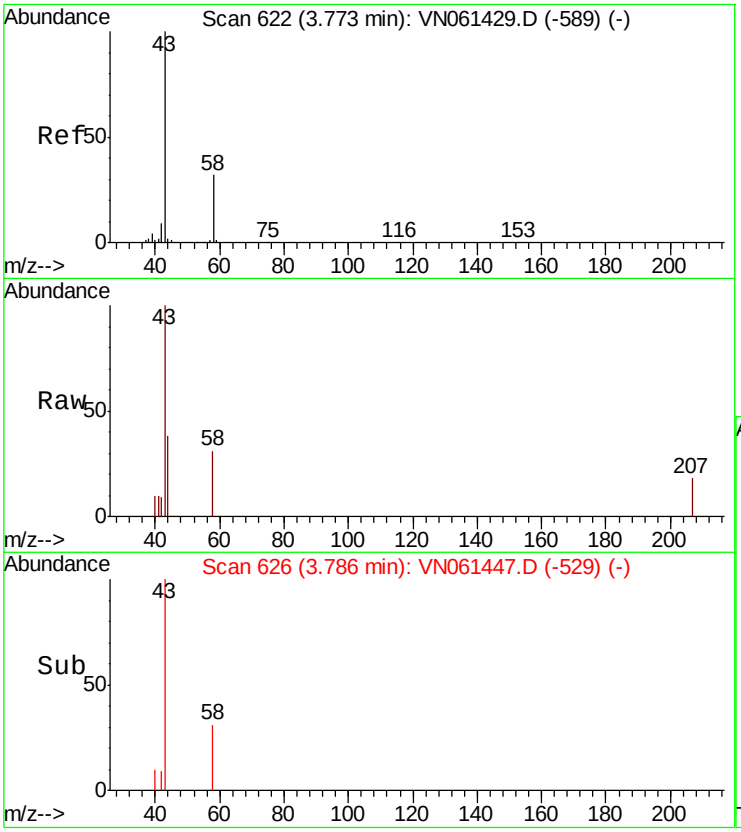


#5
Bromomethane
Concen: Below Cal
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 94 Resp: 328

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#



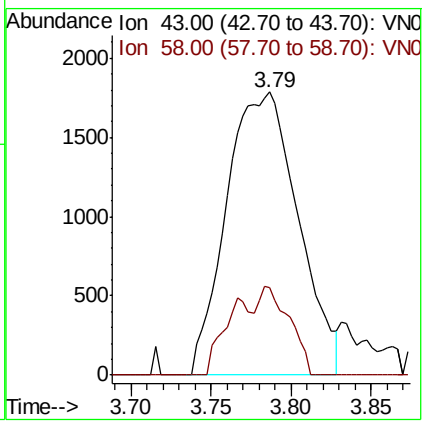


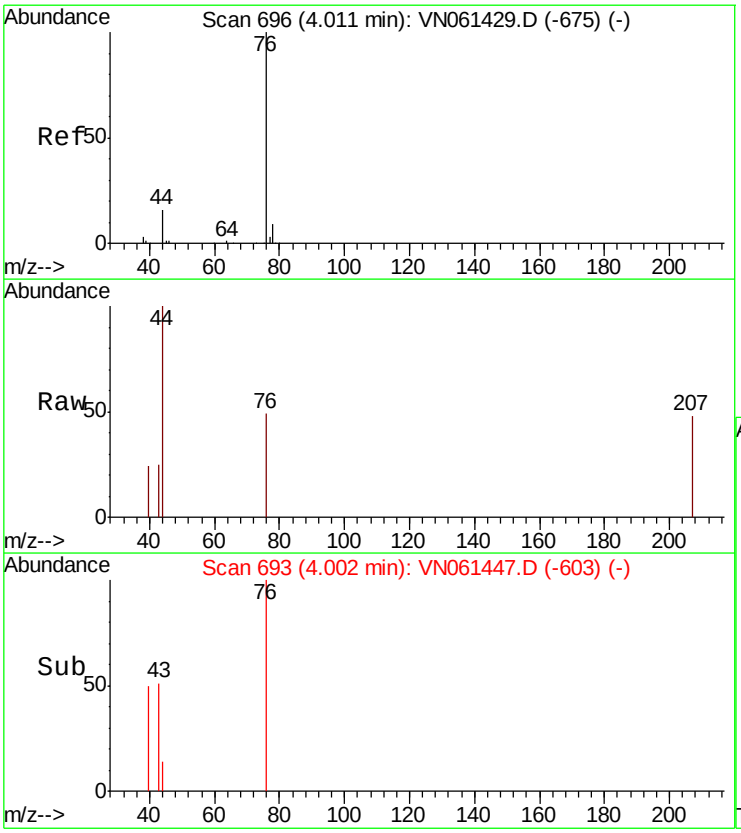
#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 43 Resp: 5504

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.6	38.4

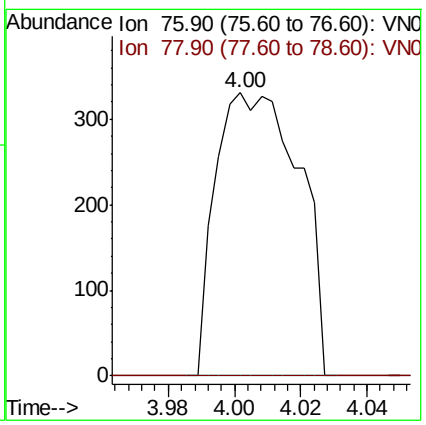


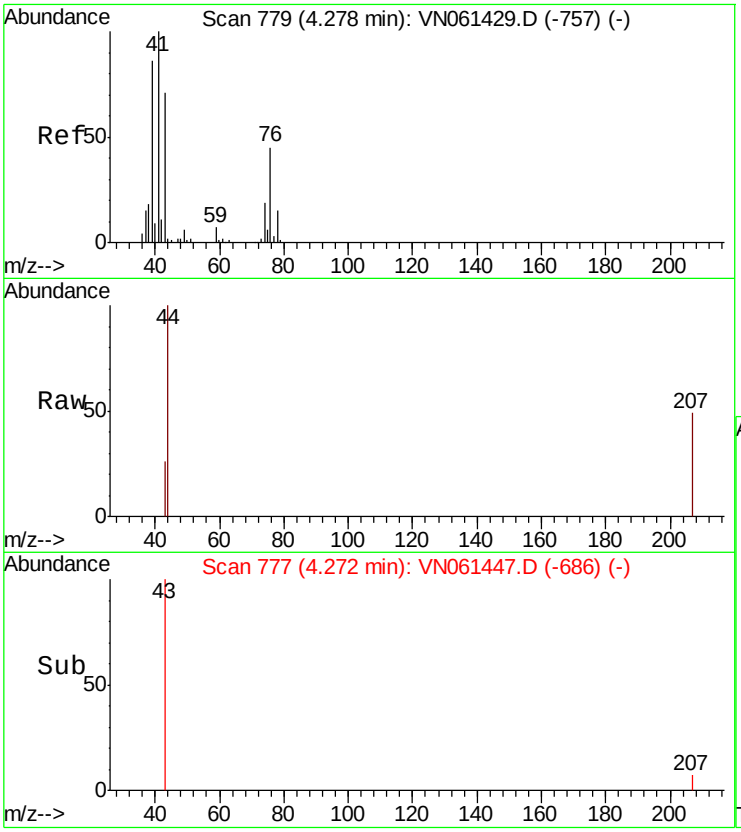


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 76 Resp: 579

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



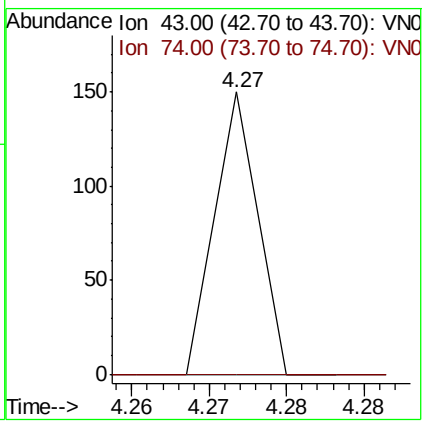


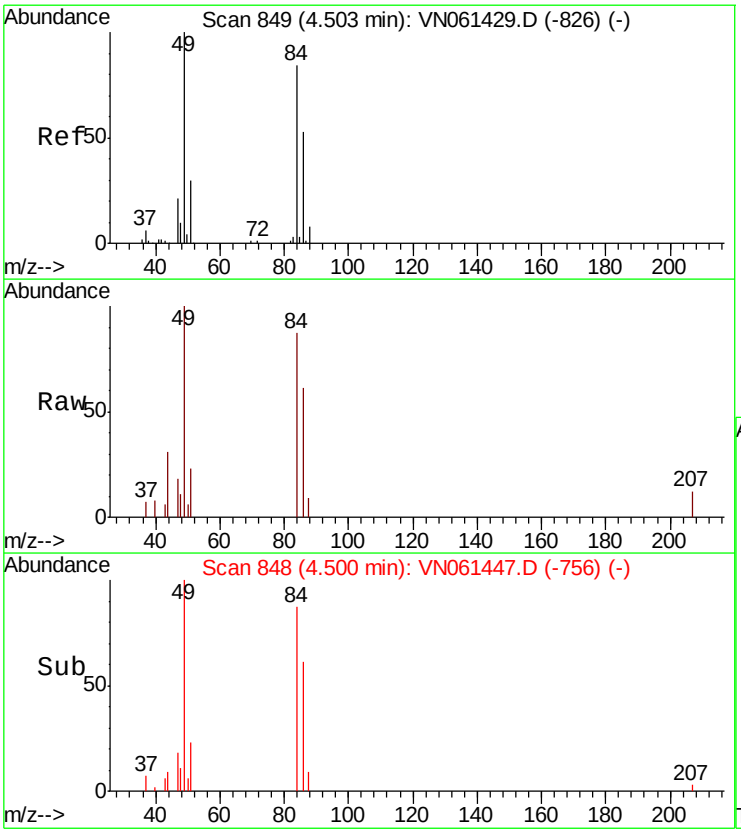
#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 43 Resp: 29

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#

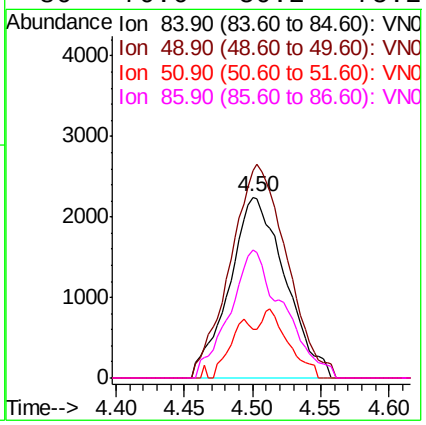


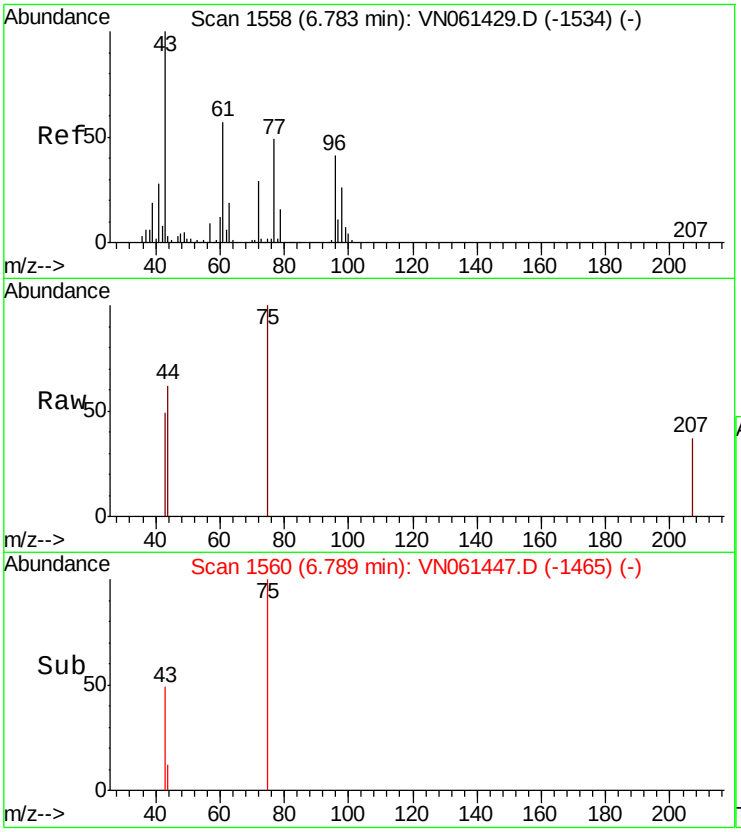


#20
Methylene Chloride
Concen: 2.007 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 84 Resp: 6367

Ion	Ratio	Lower	Upper
84	100		
49	115.1	95.3	142.9
51	26.8	29.0	43.6#
86	70.6	50.2	75.2



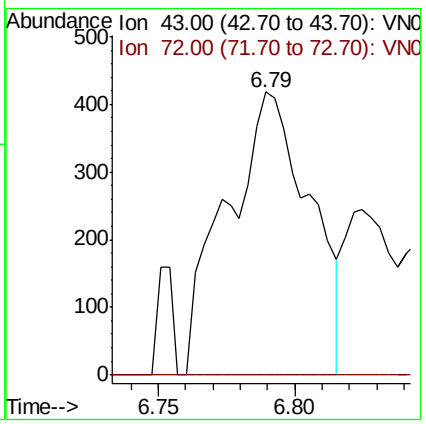


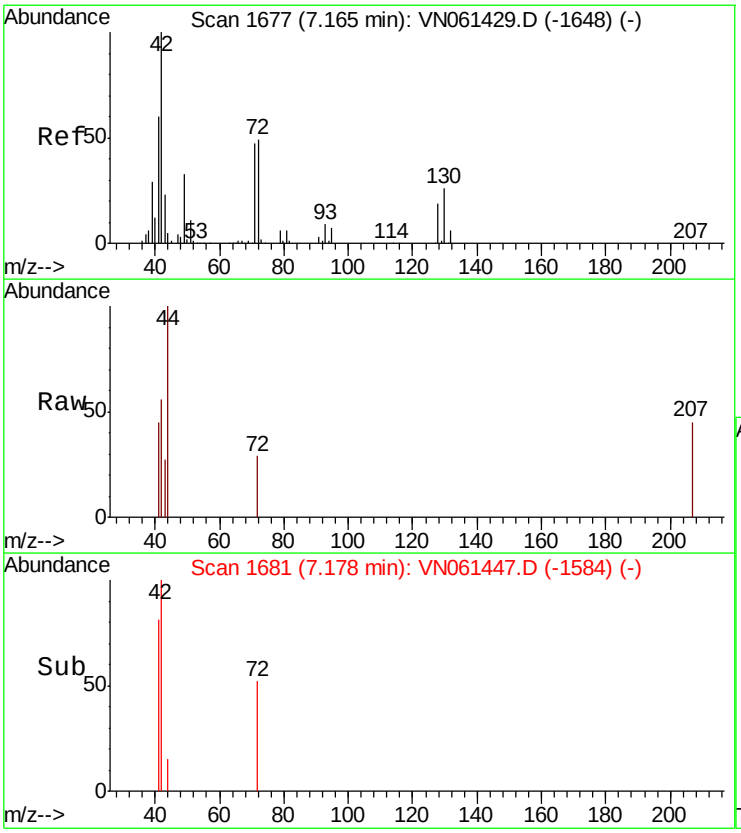
#25
2-Butanone
Concen: 0.505 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 43 Resp: 887

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

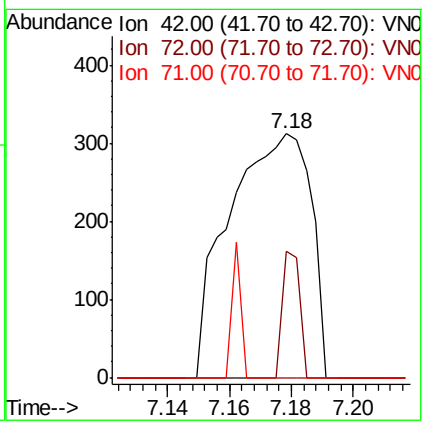


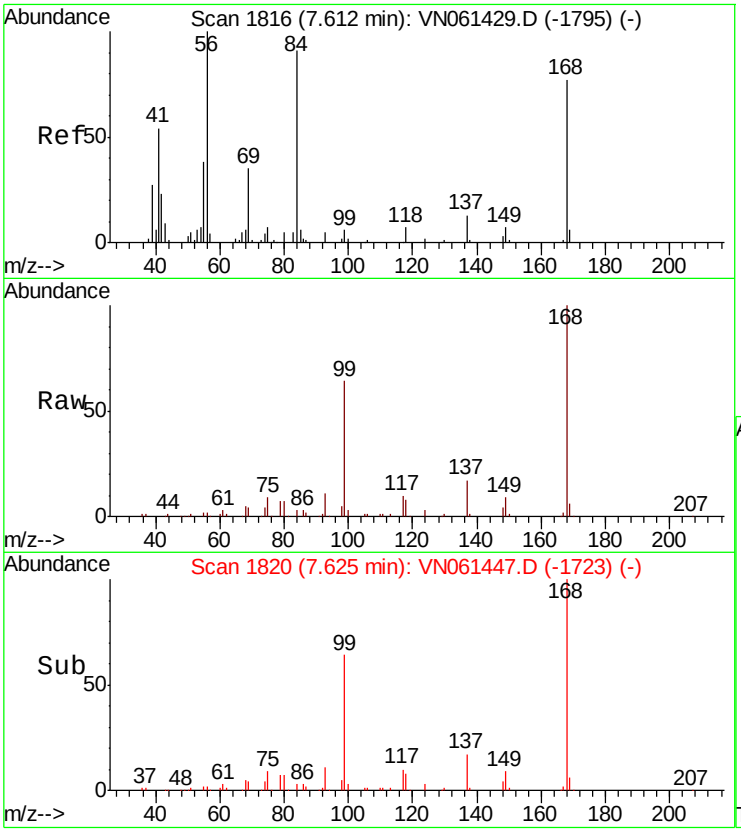


#29
Tetrahydrofuran
Concen: 0.491 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
72	10.7	39.0	58.6#
71	5.8	36.9	55.3#



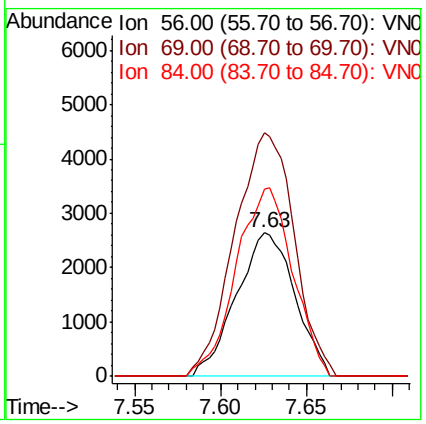


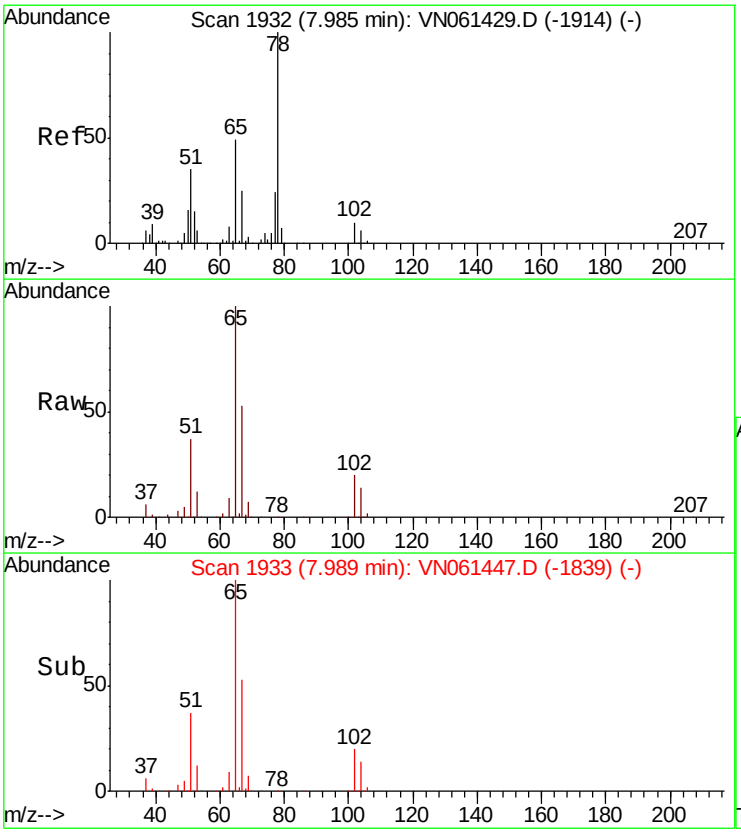
#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 56 Resp: 6219

Ion	Ratio	Lower	Upper
56	100		
69	169.9	27.8	41.6#
84	130.6	72.7	109.1#

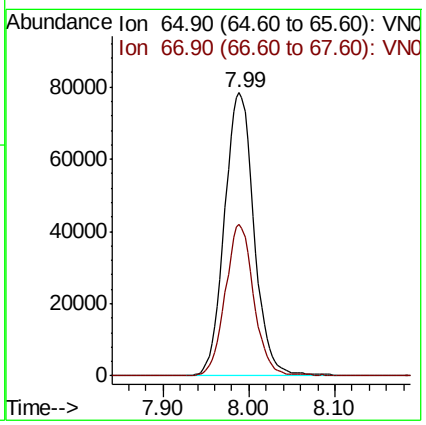


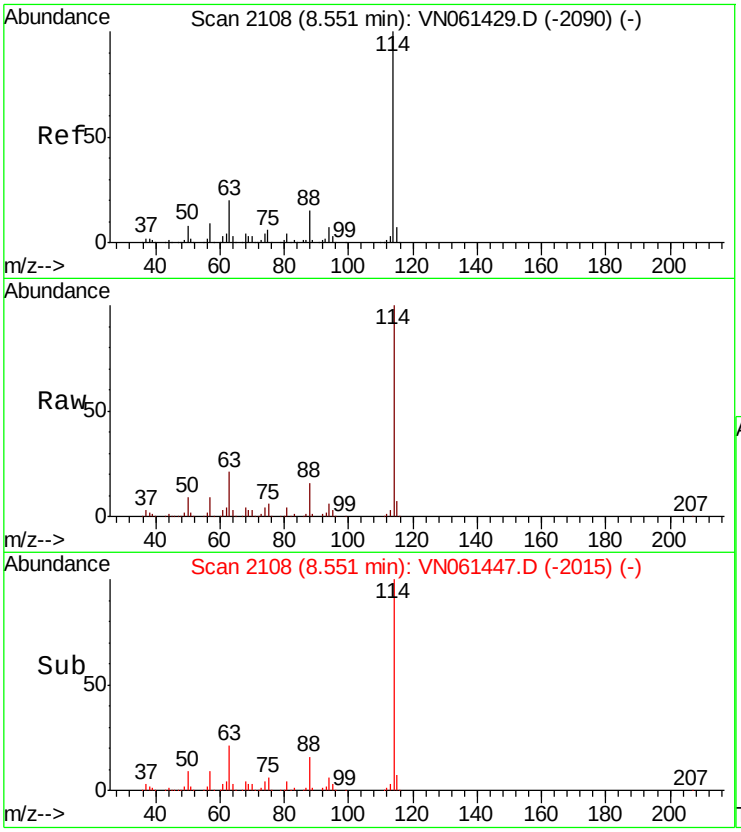


#33
1,2-Dichloroethane-d4
Concen: 48.530 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 65 Resp: 187323

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.4



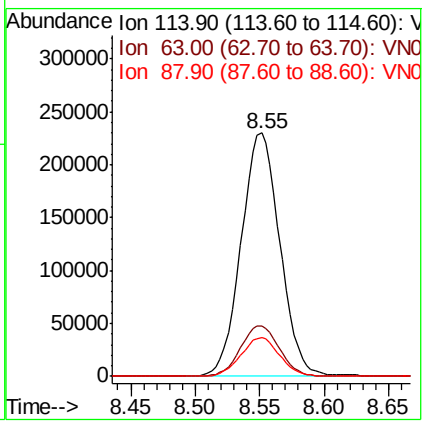


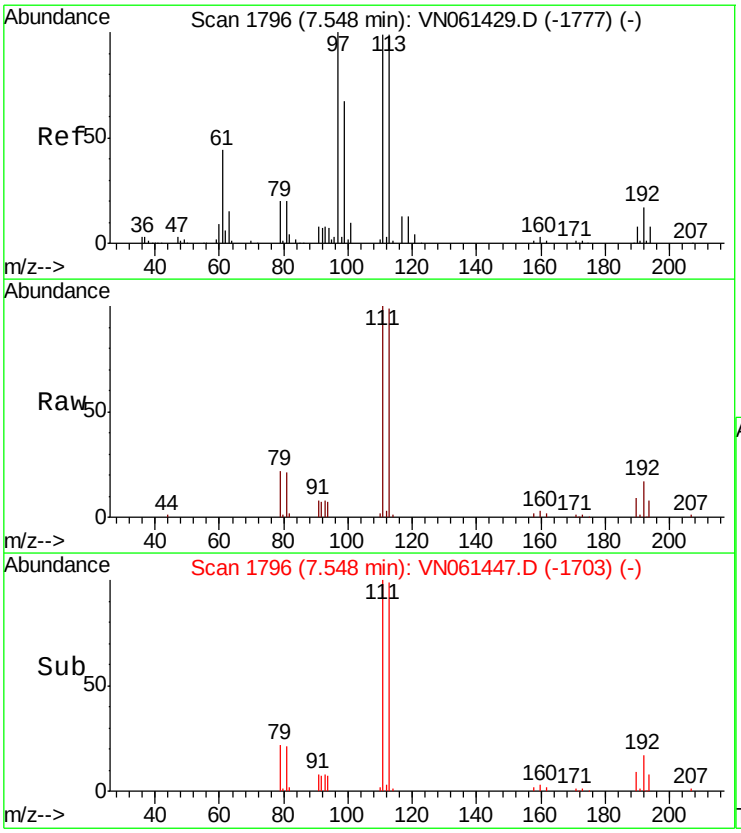
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Tgt Ion:114 Resp: 481111

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	15.9	0.0	30.8

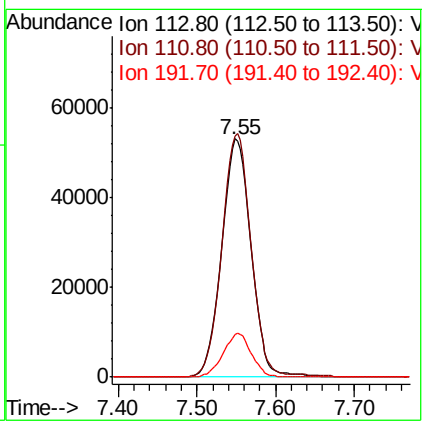


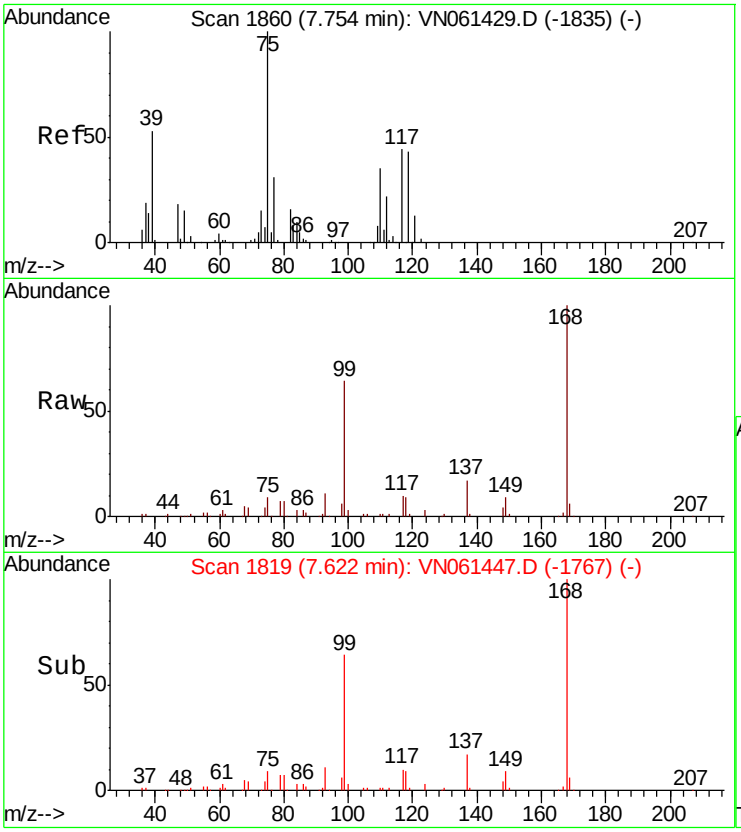


#35
Dibromofluoromethane
Concen: 54.371 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion:113 Resp: 137037

Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.6	121.0
192	17.4	13.2	19.8



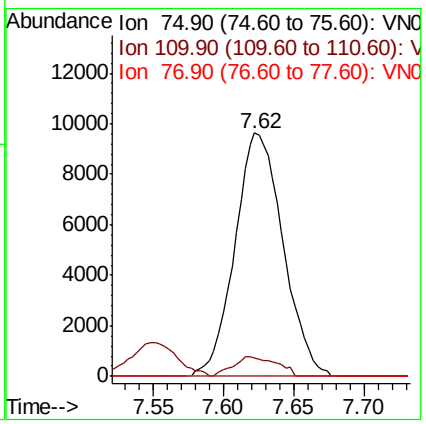


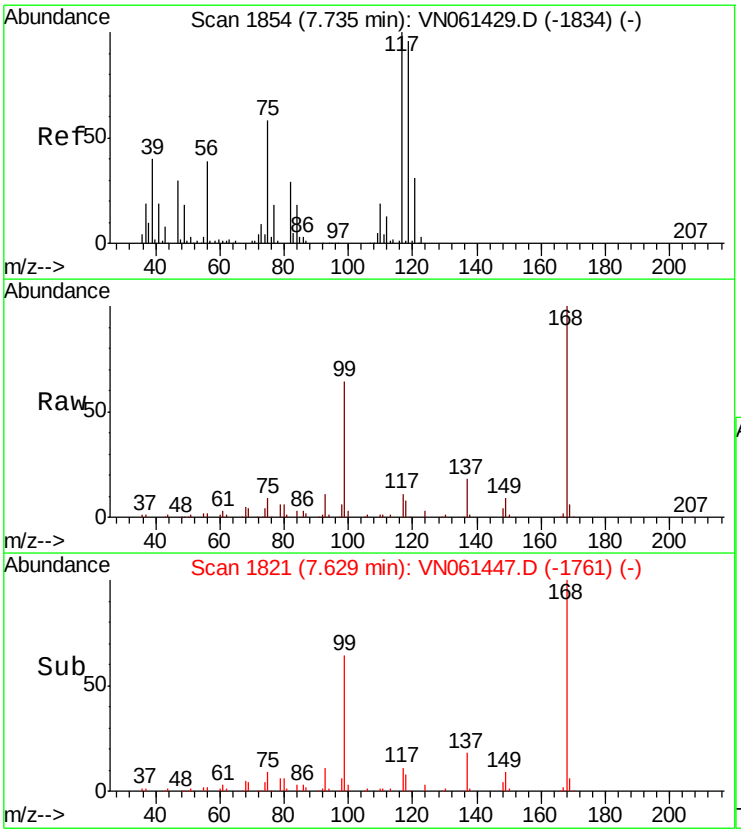
#36
1,1-Dichloropropene
Concen: 5.099 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.13 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Tgt Ion: 75 Resp: 22939

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.3	51.9#
77	0.0	24.9	37.3#

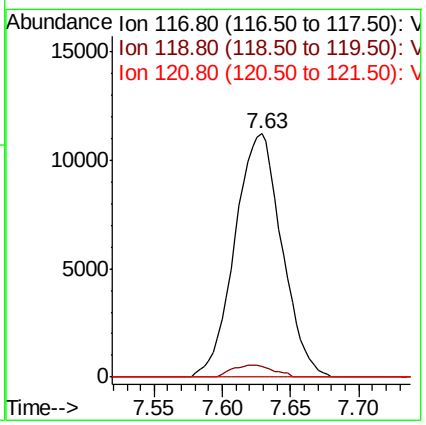


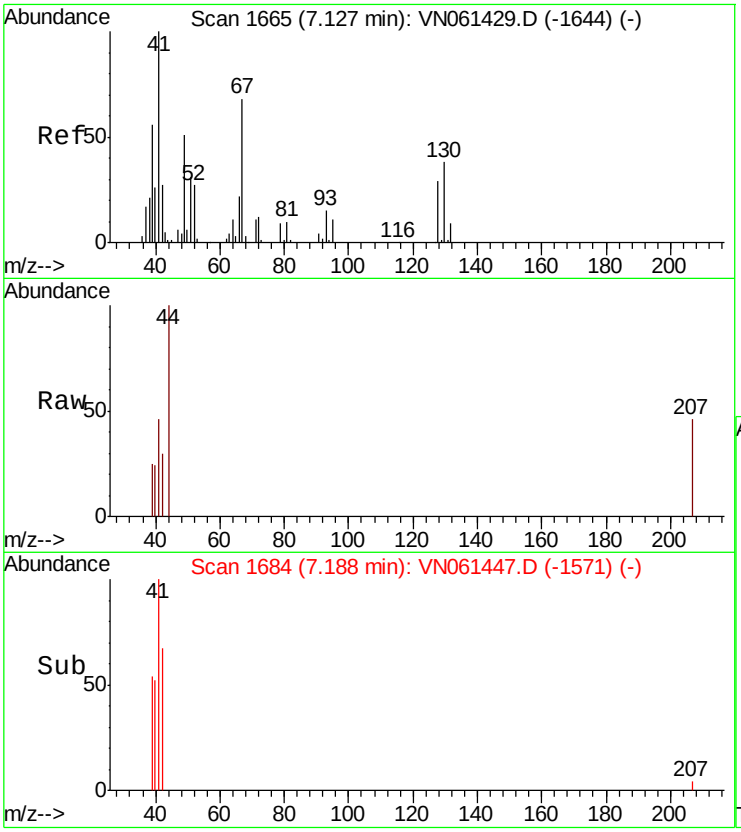


#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion:117 Resp: 26890

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.0	115.6#
121	0.0	24.7	37.1#



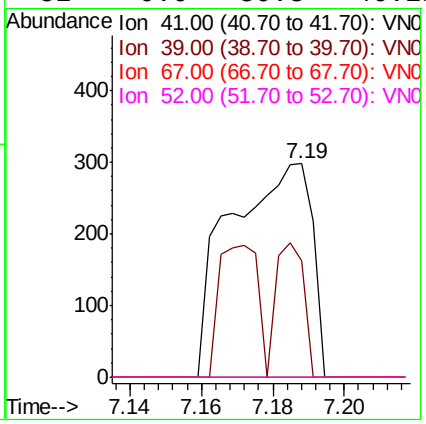


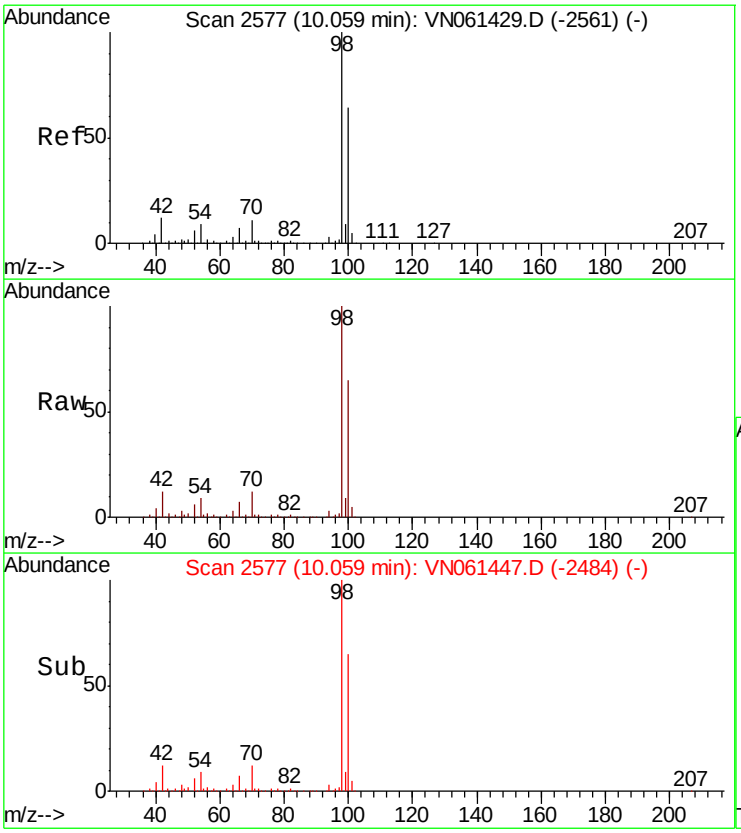
#41
Methacrylonitrile
Concen: 0.274 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.06 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 41 Resp: 472

Ion	Ratio	Lower	Upper
41	100		
39	21.2	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#

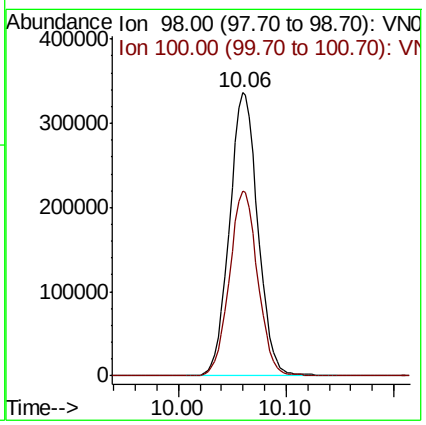


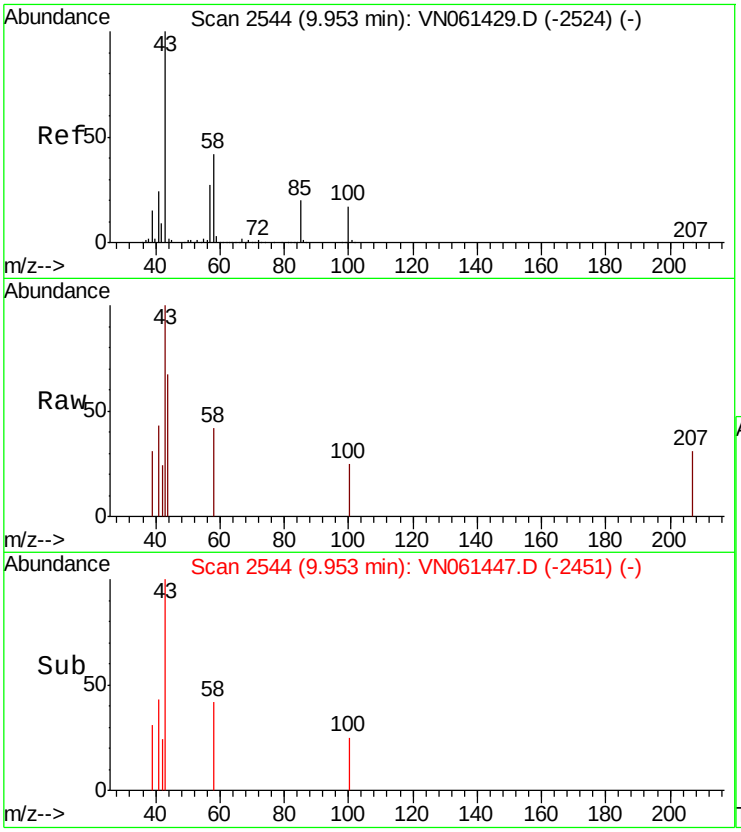


#50
Toluene-d8
Concen: 52.858 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 98 Resp: 617920

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8



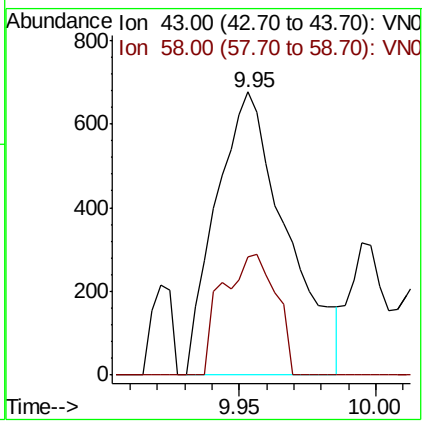


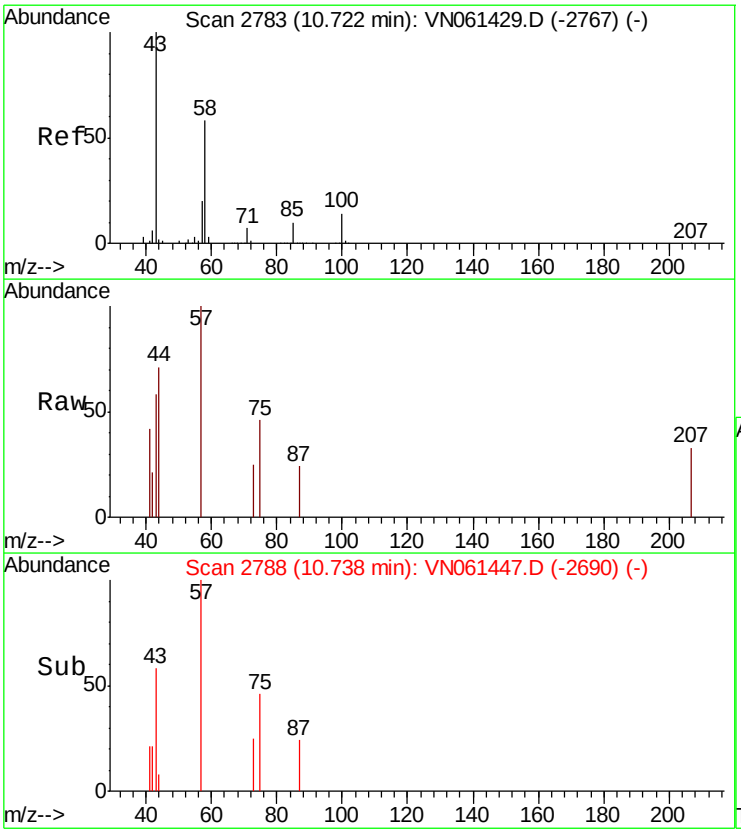
#51
4-Methyl-2-Pentanone
Concen: 0.314 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 43 Resp: 1218

Ion	Ratio	Lower	Upper
43	100		
58	32.2	33.4	50.2#

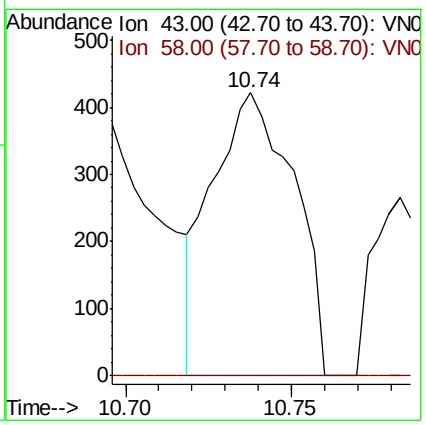


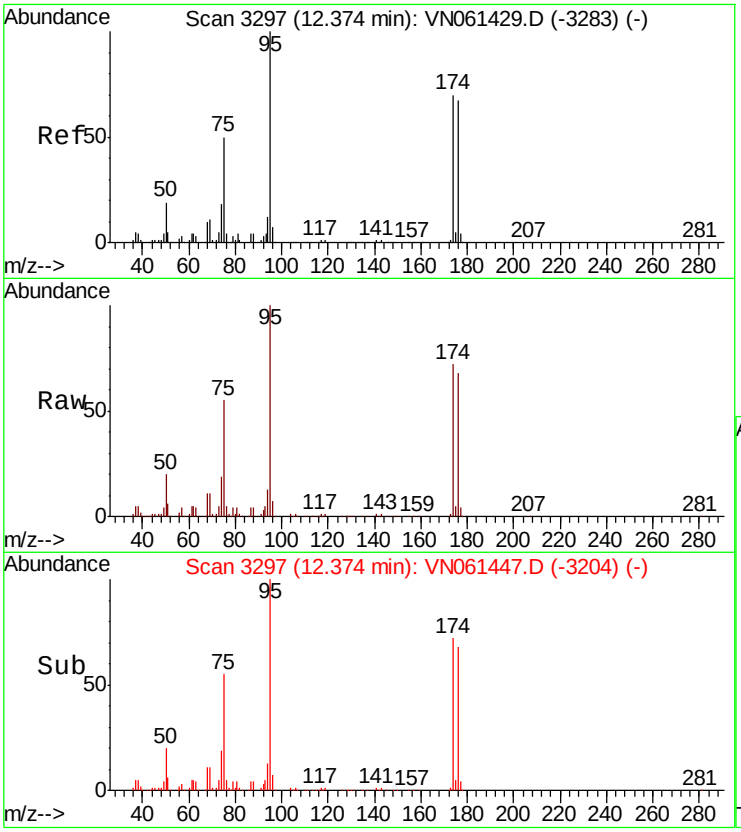


#59
2-Hexanone
Concen: 0.259 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 43 Resp: 727

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	87.6#



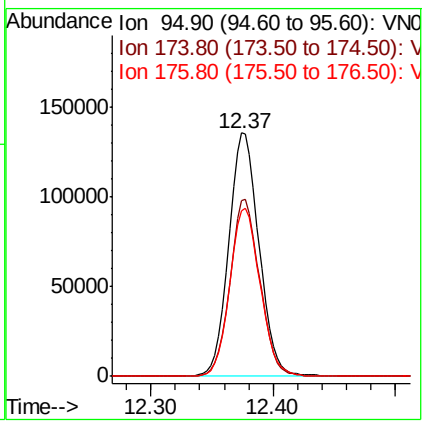


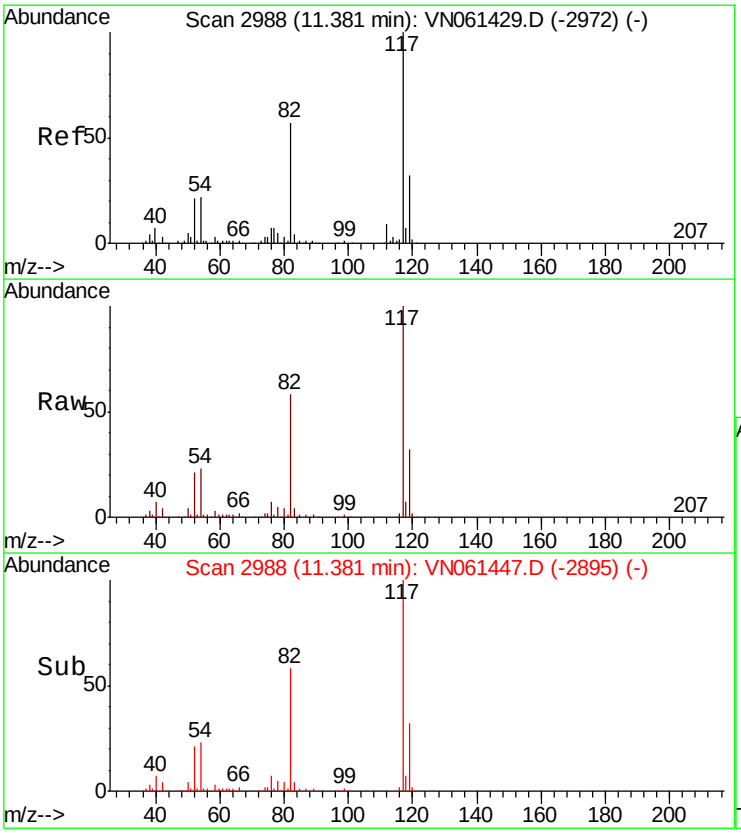
#62
4-Bromofluorobenzene
Concen: 53.561 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Tgt Ion: 95 Resp: 233930

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	141.2
176	69.4	0.0	137.6

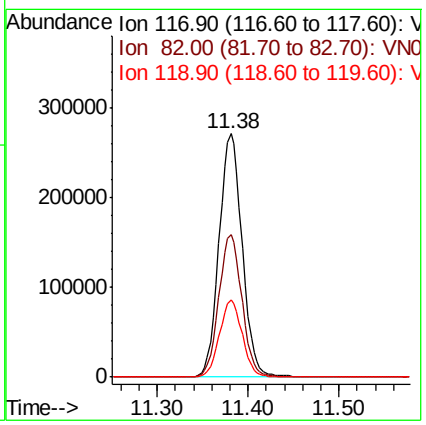


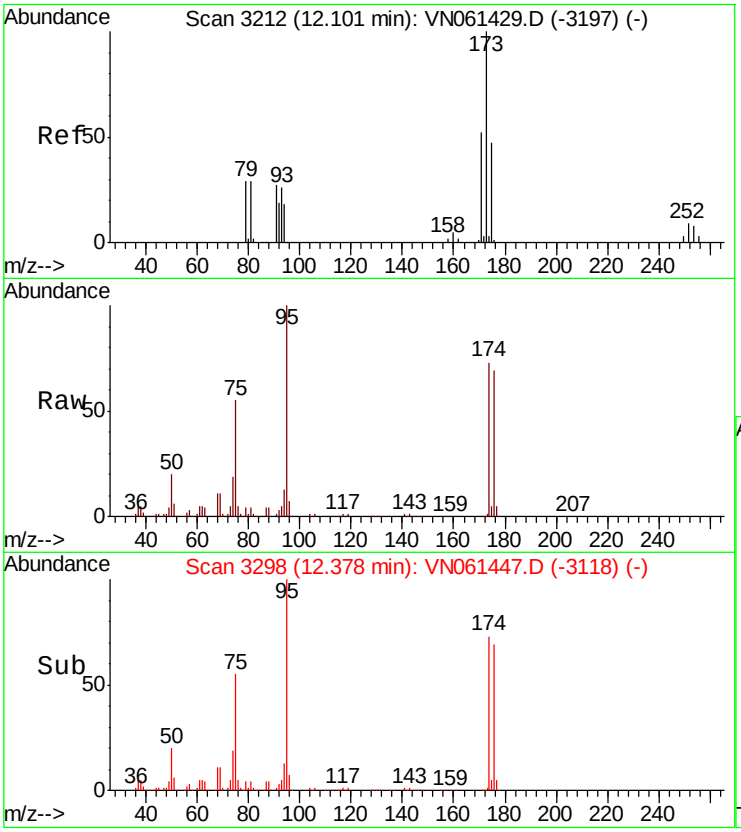


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion:117 Resp: 480098

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.2	67.8
119	31.6	25.3	37.9



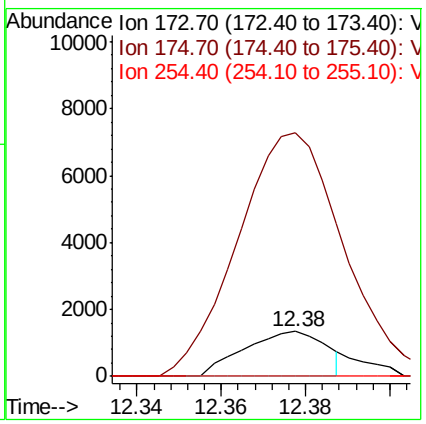


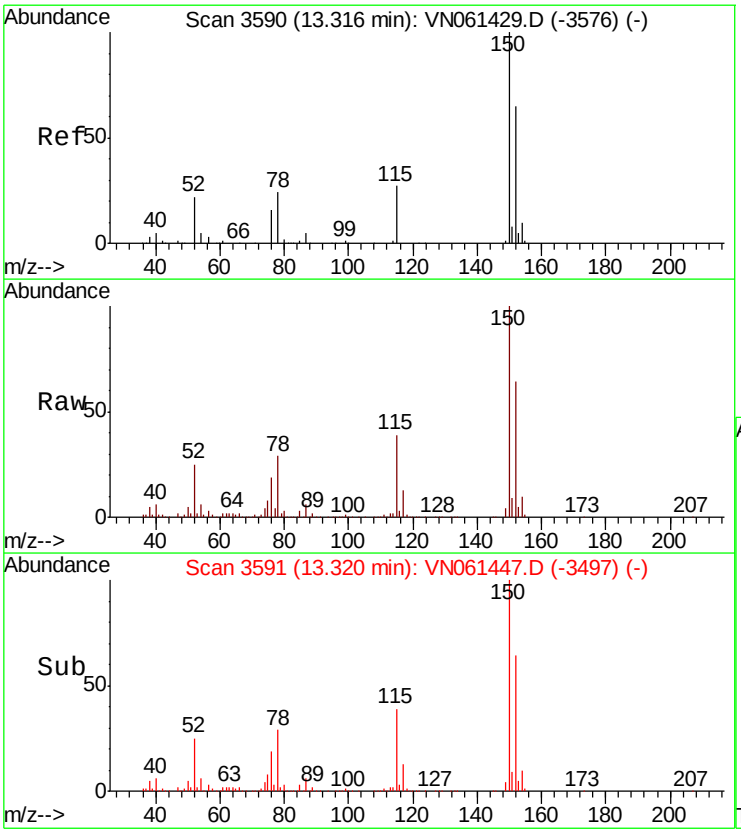
#71
Bromoform
Concen: 2.660 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion:173 Resp: 1821

Ion	Ratio	Lower	Upper
173	100		
175	593.1	23.9	71.8#
254	0.0	0.0	0.0

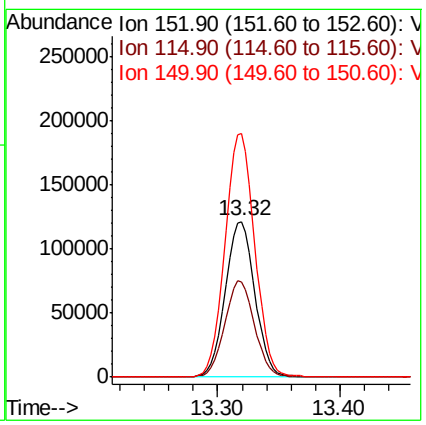


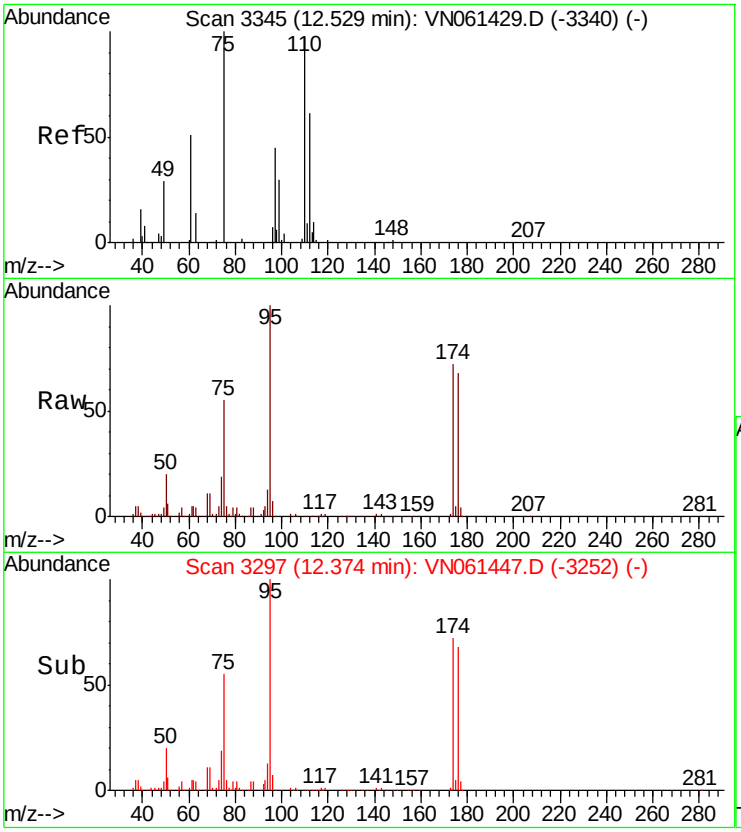


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion:152 Resp: 205853

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.9	92.5
150	157.5	0.0	349.2



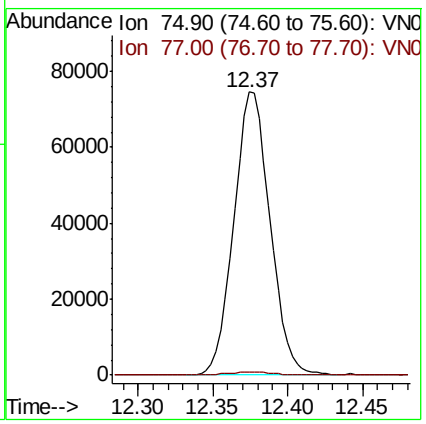


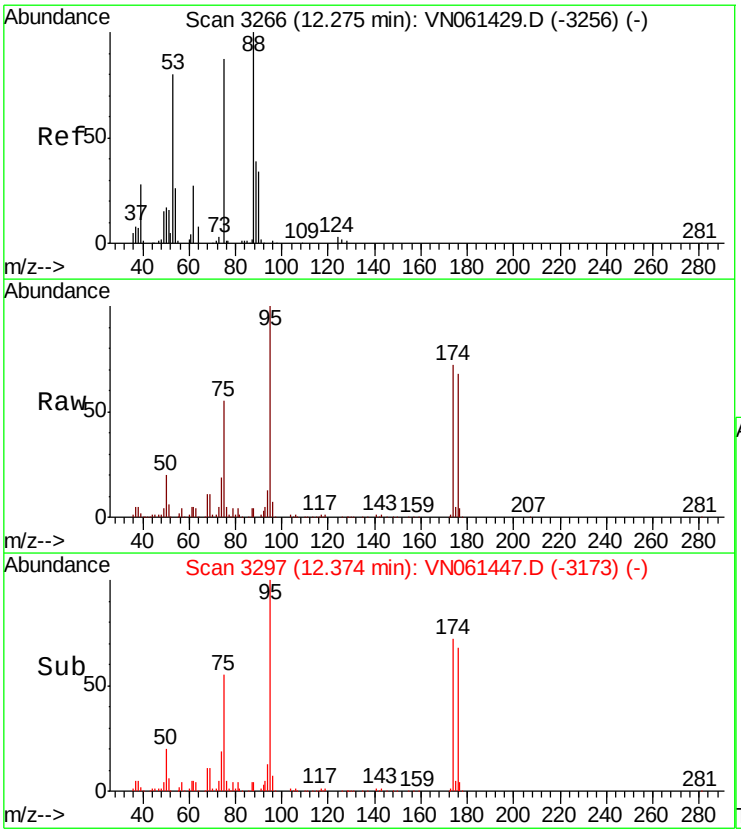
#76
1,2,3-Trichloropropane
Concen: 28.496 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument : MSVOA_N
ClientSampleId : TR-05-051520

Tgt Ion: 75 Resp: 125871

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

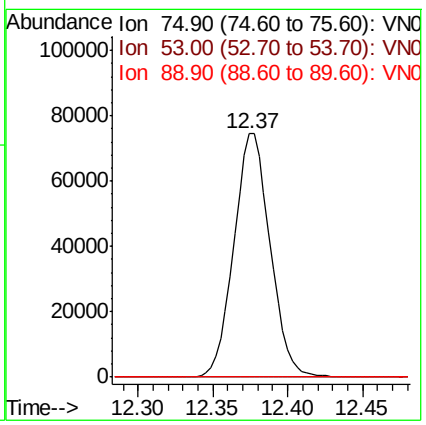


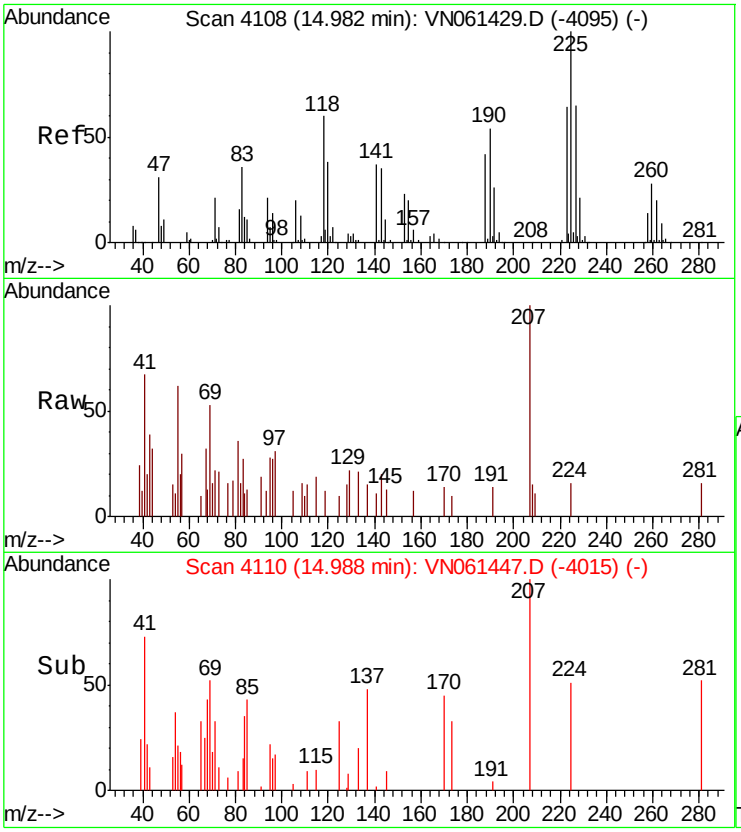


#81
trans-1,4-Dichloro-2-butene
Concen: 75.594 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Tgt Ion: 75 Resp: 125871

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.2	112.8#
89	0.0	38.2	57.4#





#94
Hexachlorobutadiene
Concen: 0.202 ug/l
RT: 14.99 min Scan# 4110
Delta R.T. 0.01 min
Lab File: VN061447.D
Acq: 18 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
TR-05-051520

Tgt Ion:225 Resp: 307

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.9	95.7#
227	0.0	31.5	94.5#