Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061517.D
Acq On : 20 May 2020 21:44
Operator : JC/MD
Sample : L2713-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 21 01:16:56 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	294119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	544732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197432	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%			
35) Dibromofluoromethane	7.55	113	155476	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.06%			
50) Toluene-d8	10.06	98	673938	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
62) 4-Bromofluorobenzene	12.37	95	264428	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.02%			
Target Compounds						Qvalue
5) Bromomethane	2.54	94	230	Below Cal		88
11) Tert butyl alcohol	4.73	59	662	1.309	ug/l #	73
16) Acetone	3.78	43	47823	32.638	ug/l	97
17) Carbon Disulfide	4.01	76	2490	Below Cal	#	75
18) Methyl Acetate	4.28	43	2105	Below Cal	#	74
20) Methylene Chloride	4.51	84	15485	4.292	ug/l	93
25) 2-Butanone	6.79	43	15154	7.582	ug/l	95
31) Cyclohexane	7.62	56	6397	Below Cal	#	22
36) 1,1-Dichloropropene	7.63	75	23580	4.676	ug/l #	50
37) Ethyl Acetate	6.79	43	15154	3.314	ug/l #	67
38) Carbon Tetrachloride	7.63	117	30860	6.646	ug/l #	15
43) Isopropyl Acetate	8.13	43	74453	9.335	ug/l #	90
45) 1,2-Dichloropropane	9.23	63	1642	0.432	ug/l #	43
48) Methyl methacrylate	9.14	41	5295	1.437	ug/l #	26
51) 4-Methyl-2-Pentanone	9.95	43	20347	4.683	ug/l	95
54) cis-1,3-Dichloropropene	9.87	75	36555	5.585	ug/l #	58
57) 1,3-Dichloropropane	10.74	76	5541	0.869	ug/l #	42
59) 2-Hexanone	10.74	43	68031	21.642	ug/l #	53
71) Bromoform	12.38	173	1833	2.588	ug/l #	1
74) N-amyl acetate	12.00	43	4855	0.664	ug/l #	42
76) 1,2,3-Trichloropropane	12.37	75	134555	25.191	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	134555	66.826	ug/l #	12
86) p-Isopropyltoluene	13.26	119	5777	0.343	ug/l #	70
95) Naphthalene	15.10	128	3505	0.267	ug/l #	95

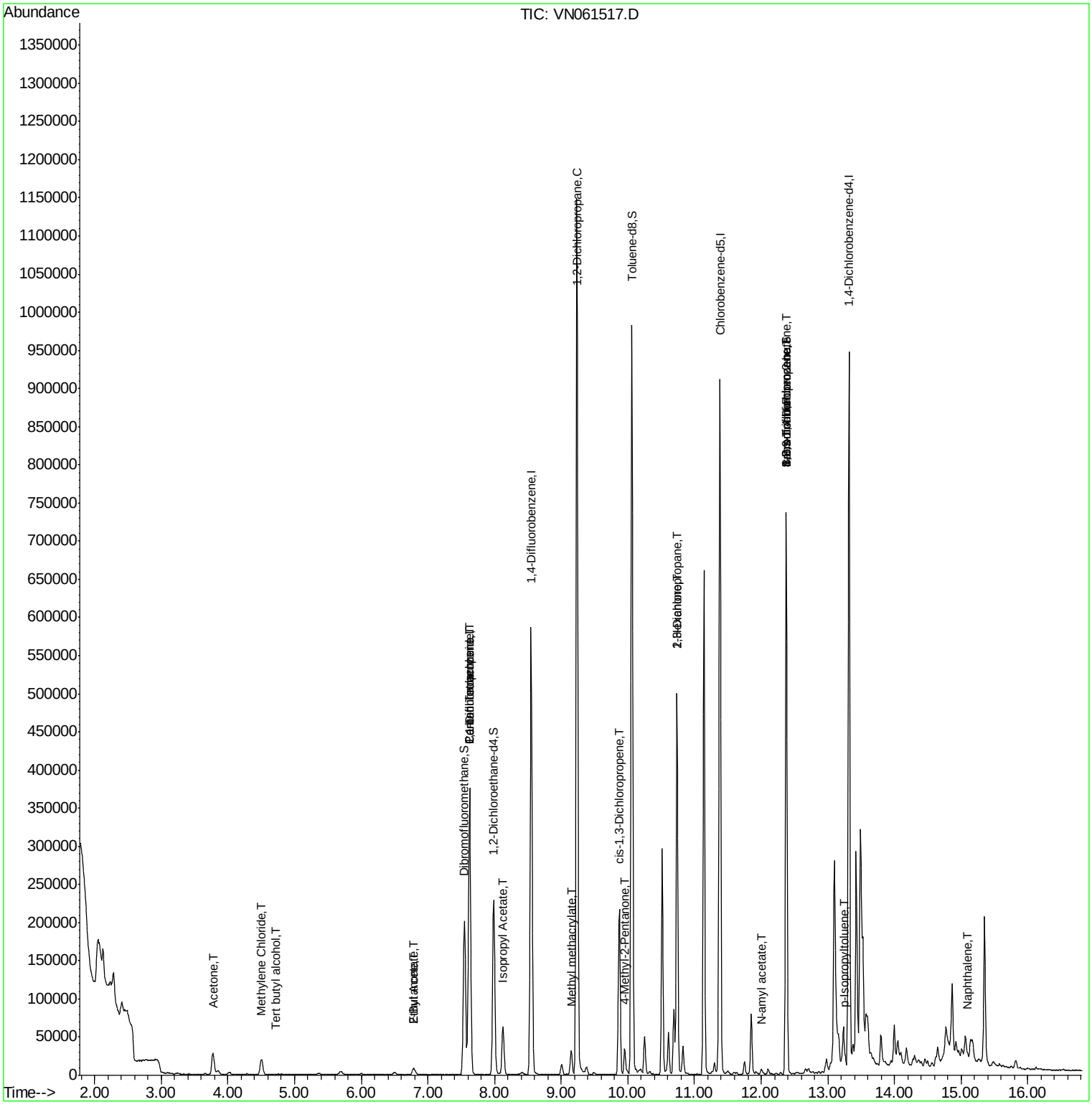
(#) = qualifier out of range (m) = manual integration (+) = signals summed

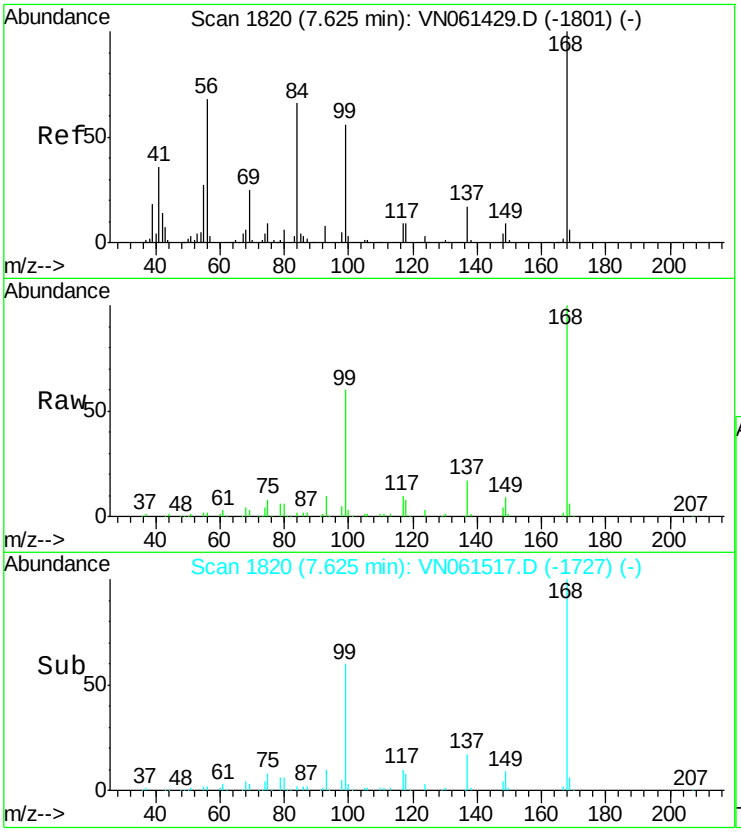
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061517.D
Acq On : 20 May 2020 21:44
Operator : JC/MD
Sample : L2713-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 21 01:16:56 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



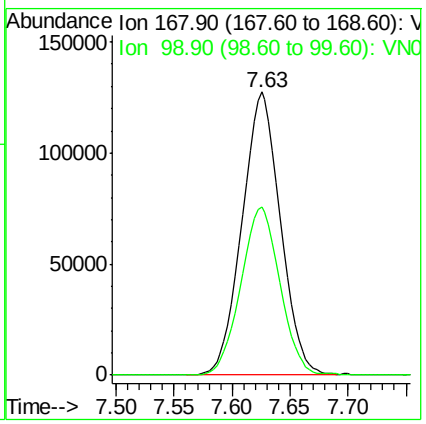


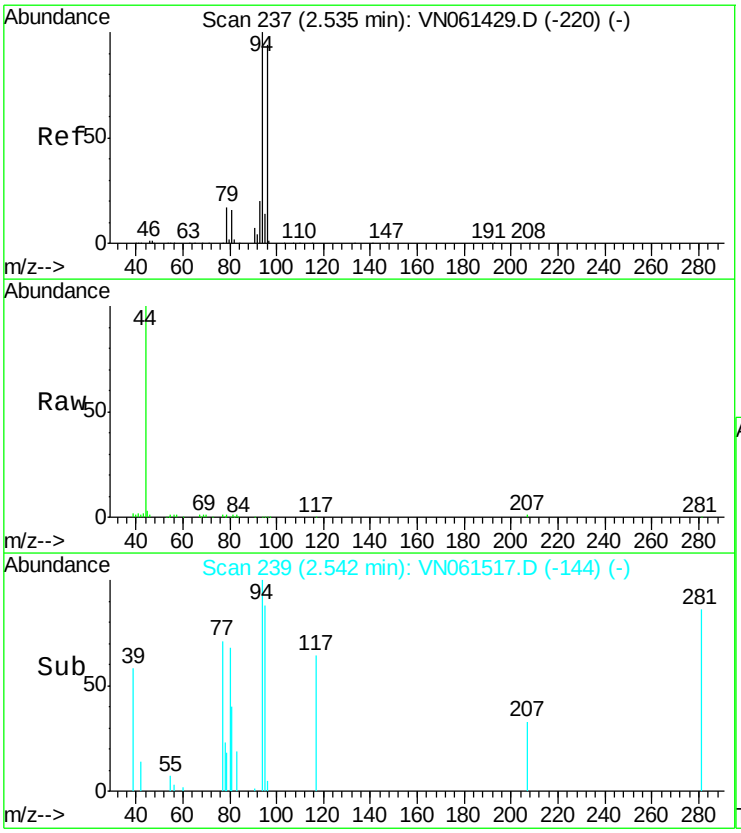
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 294119

Ion	Ratio	Lower	Upper
168	100		
99	59.5	51.1	76.7

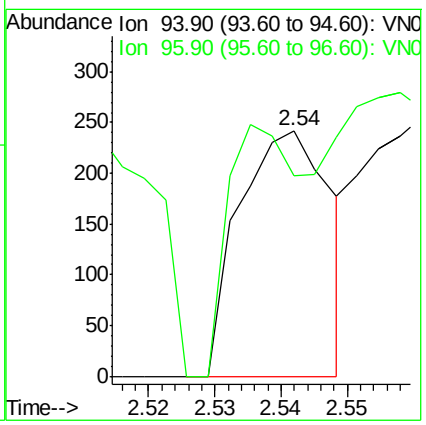


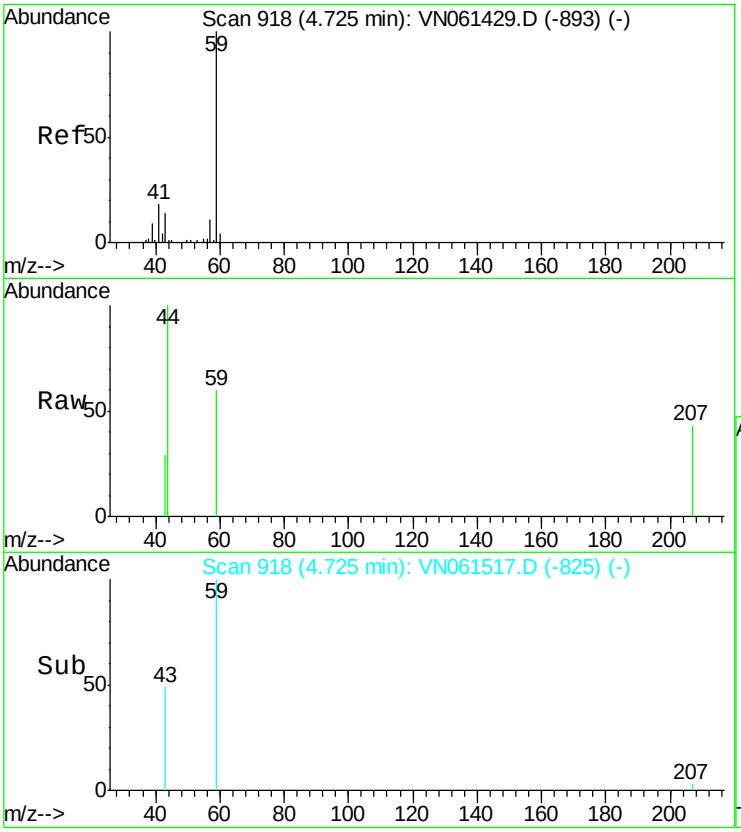


#5
Bromomethane
Concen: Below Cal
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 94 Resp: 230

Ion	Ratio	Lower	Upper
94	100		
96	81.8	74.9	112.3



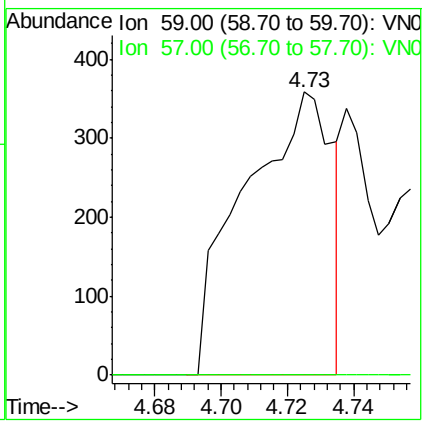


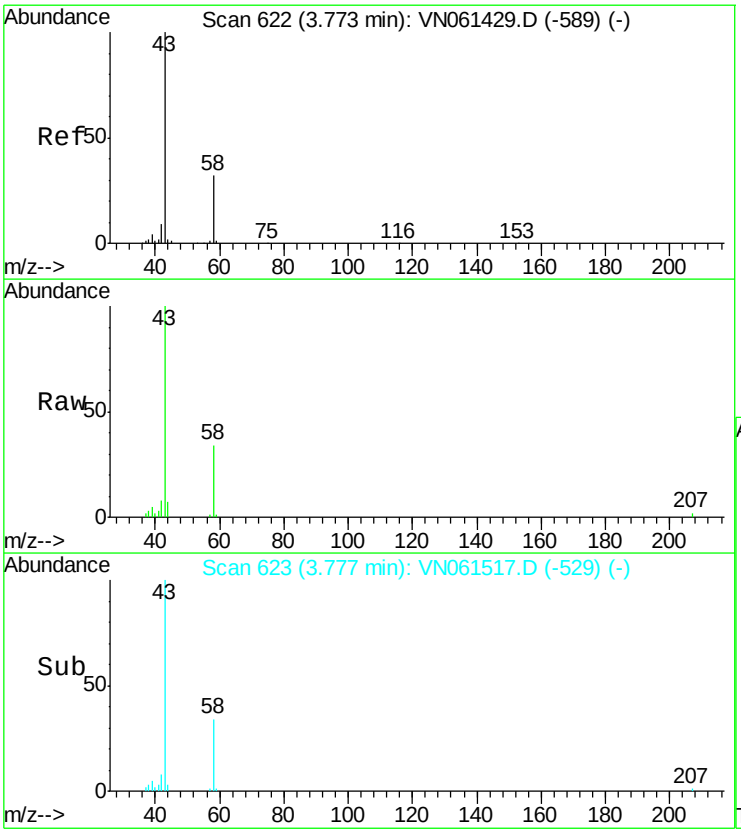
#11
Tert butyl alcohol
Concen: 1.309 ug/l
RT: 4.73 min Scan# 918
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 662

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

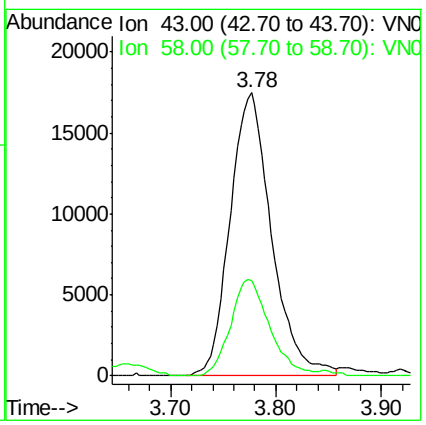


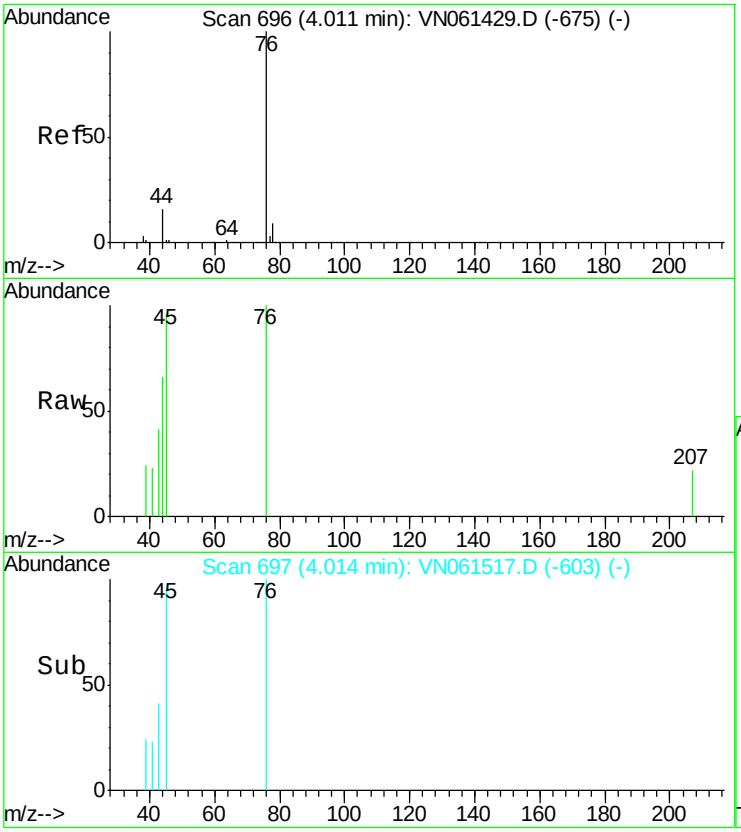


#16
Acetone
Concen: 32.638 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 47823

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.6	38.4



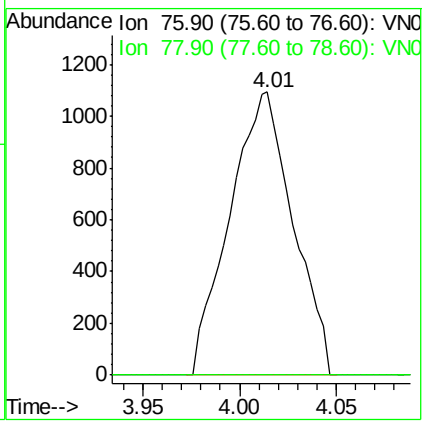


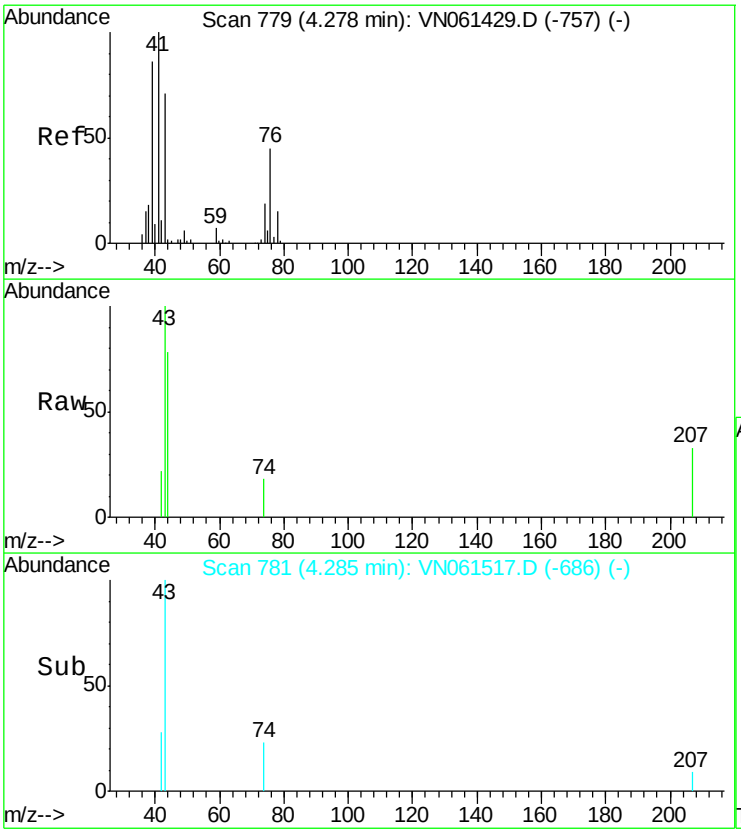
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 697
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 2490

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

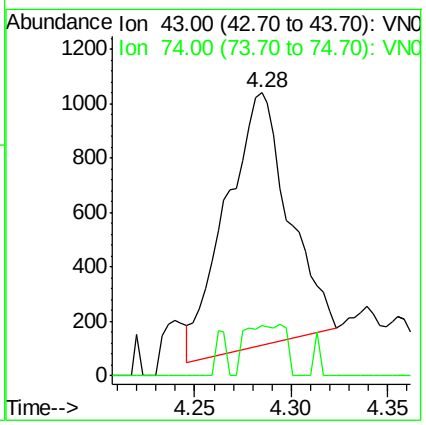


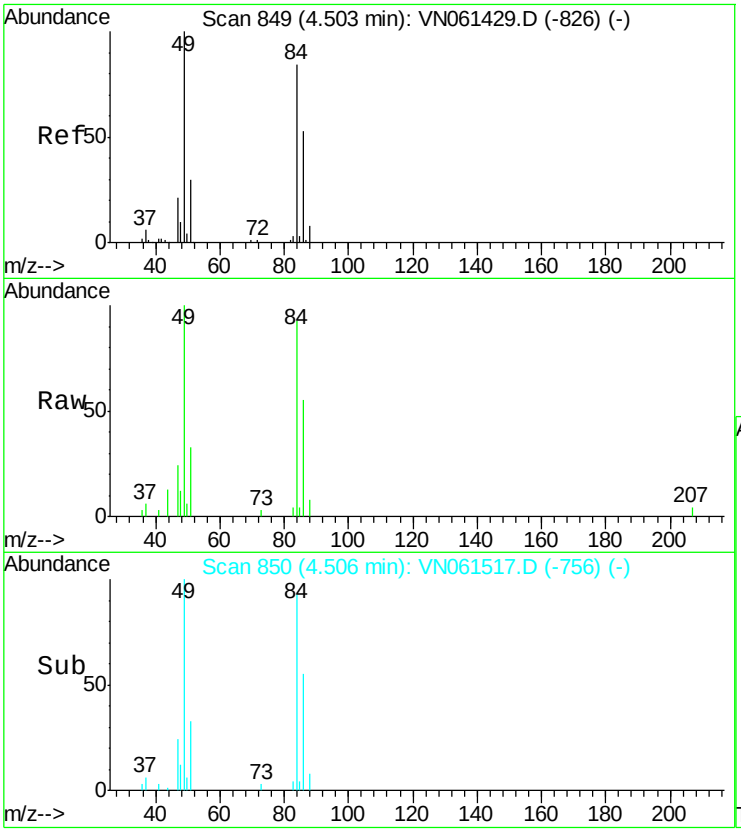


#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 2105

Ion	Ratio	Lower	Upper
43	100		
74	13.0	20.8	31.2#



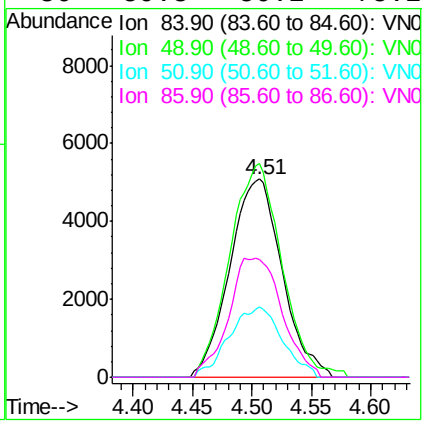


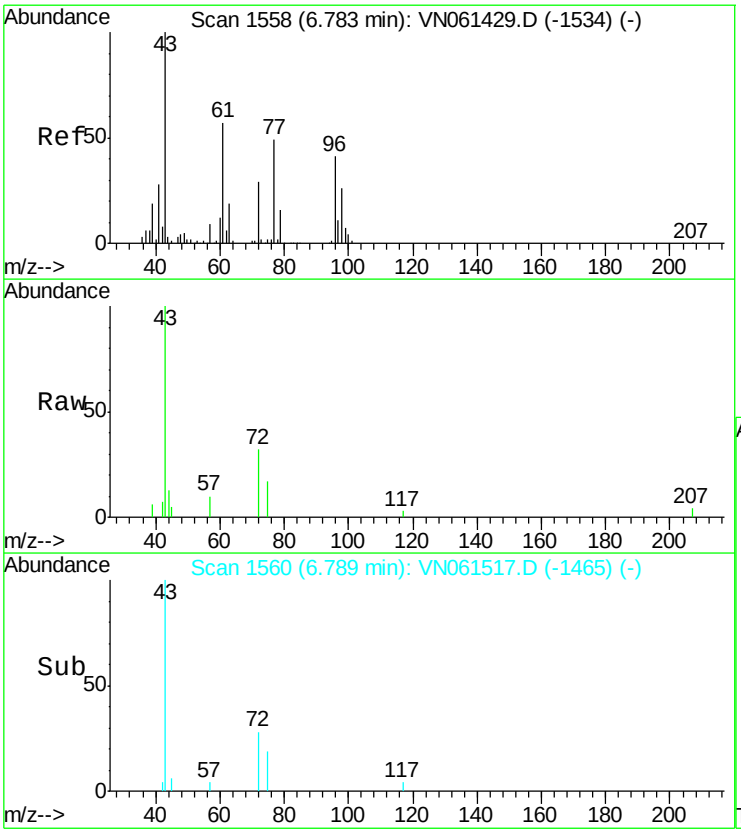
#20
Methylene Chloride
Concen: 4.292 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 15485

Ion	Ratio	Lower	Upper
84	100		
49	107.7	95.3	142.9
51	35.2	29.0	43.6
86	59.3	50.2	75.2

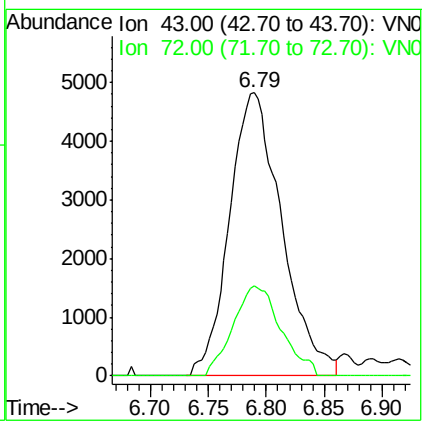


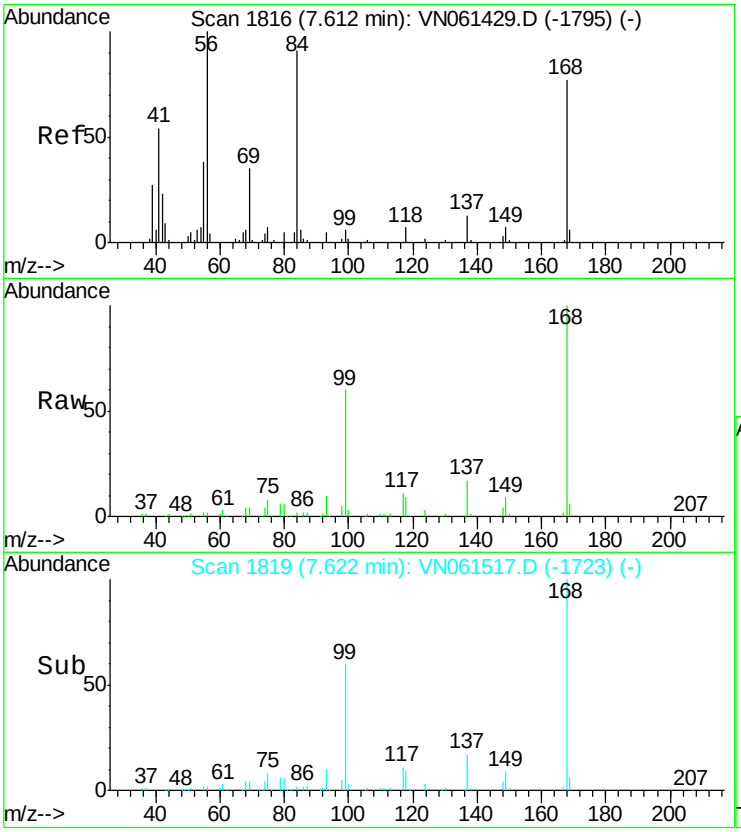


#25
2-Butanone
Concen: 7.582 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 15154

Ion	Ratio	Lower	Upper
43	100		
72	31.7	23.0	34.6



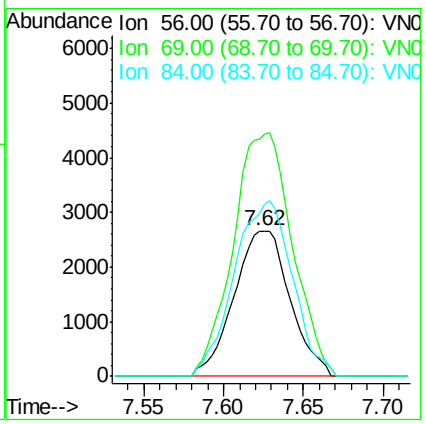


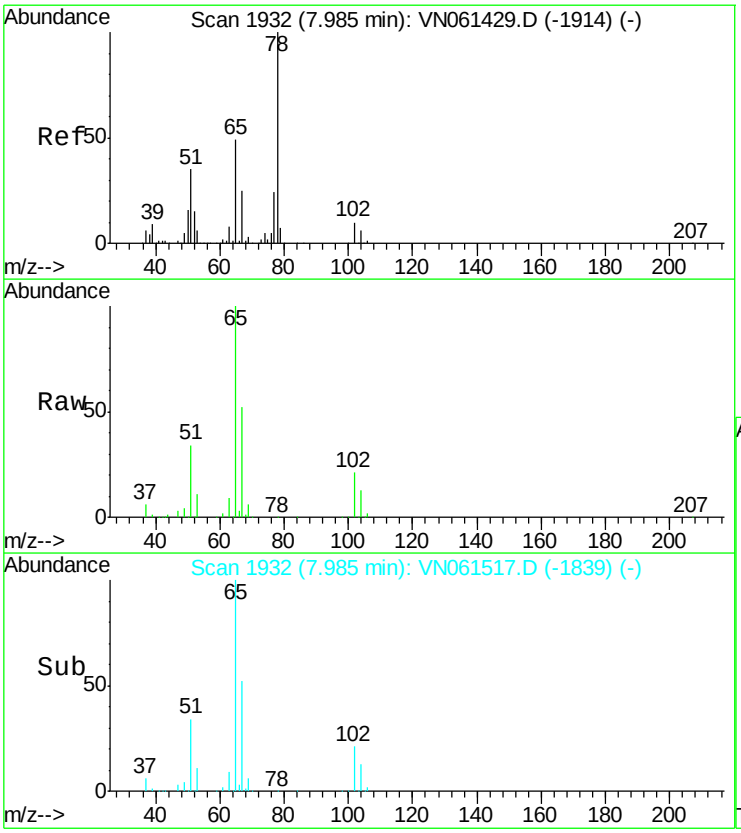
#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 6397

Ion	Ratio	Lower	Upper
56	100		
69	163.4	27.8	41.6#
84	112.4	72.7	109.1#

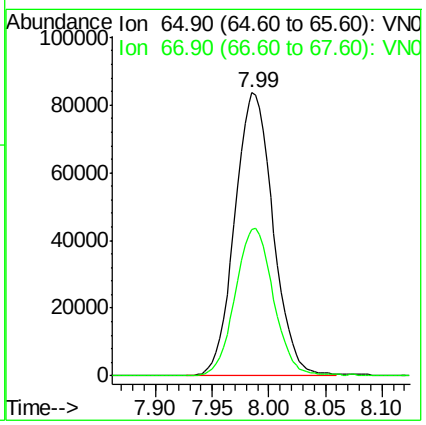


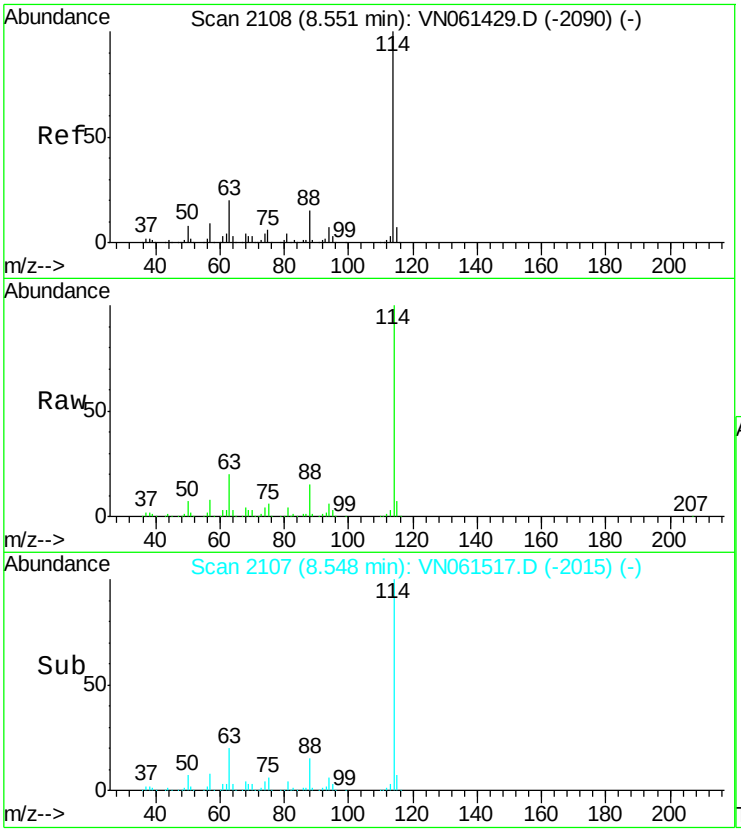


#33
1,2-Dichloroethane-d4
Concen: 44.977 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 65 Resp: 197432

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.4



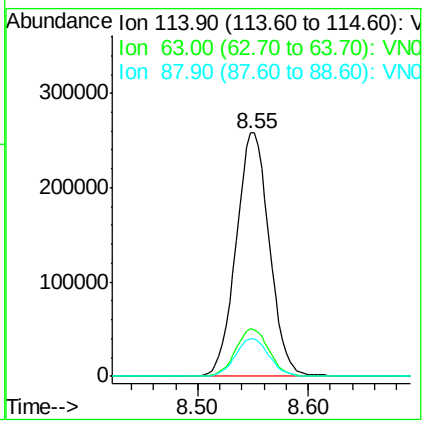


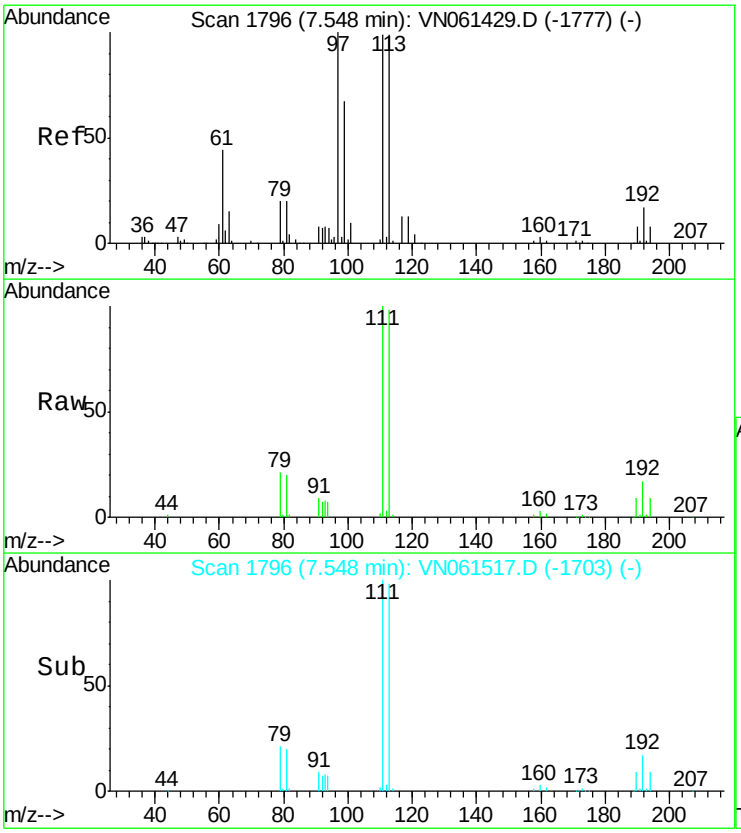
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 539287

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.5	0.0	30.8

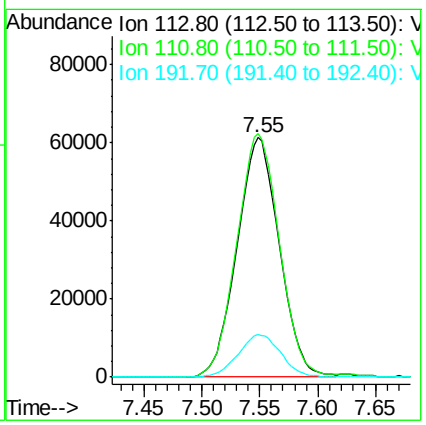


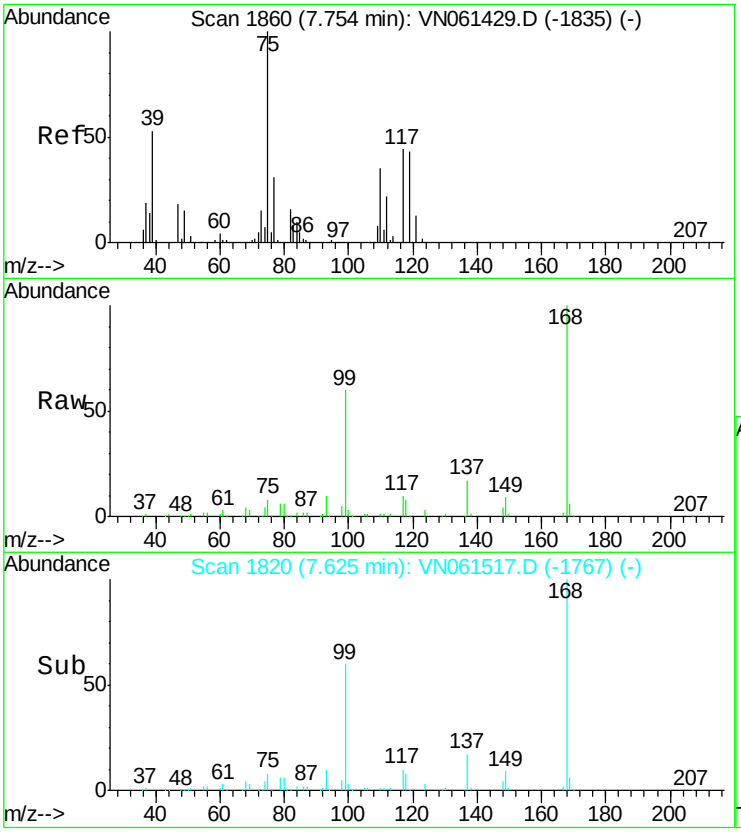


#35
Dibromofluoromethane
Concen: 55.032 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion:113 Resp: 155476

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	121.0
192	17.7	13.2	19.8



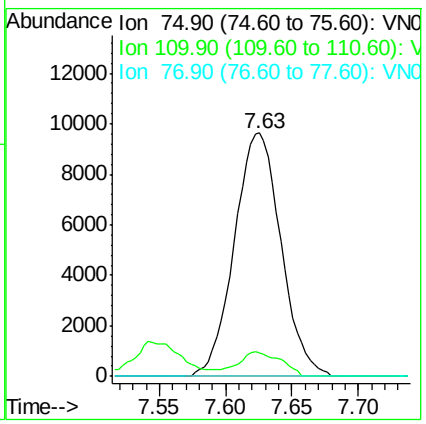


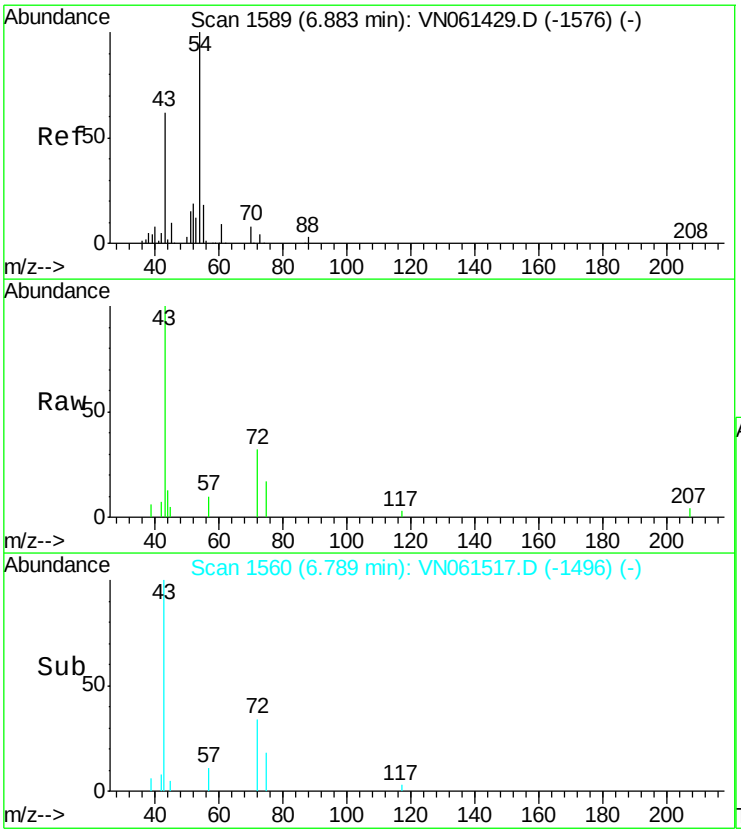
#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 23580

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.9#
77	0.0	24.9	37.3#

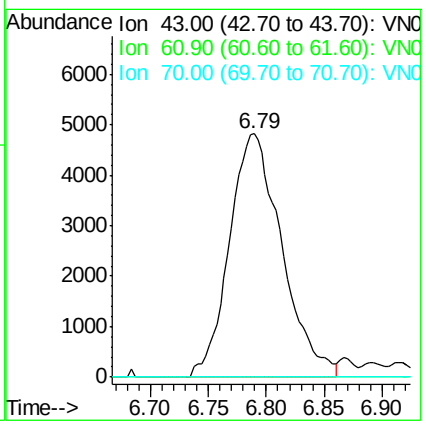


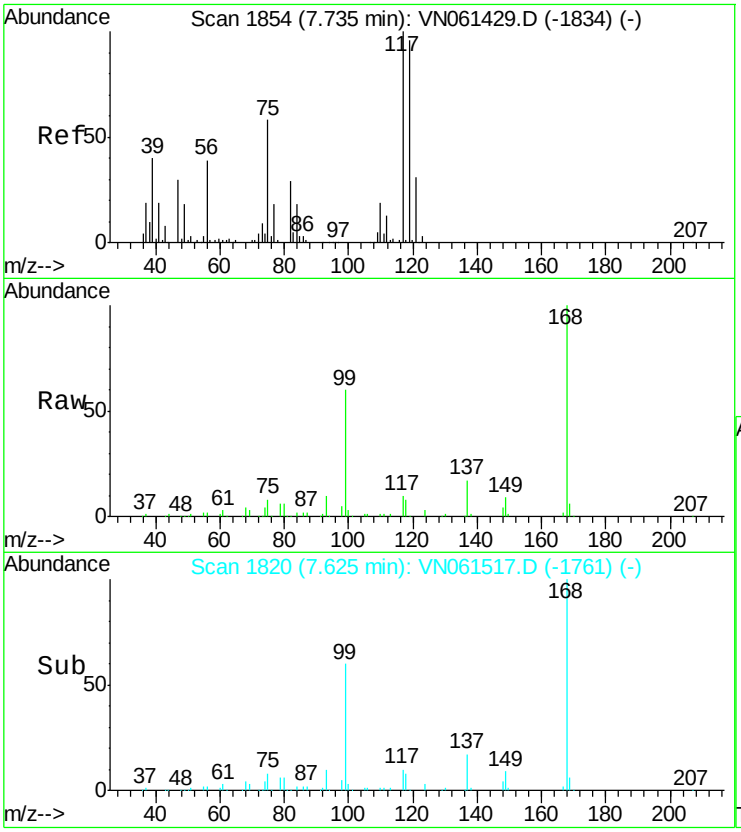


#37
Ethyl Acetate
Concen: 3.314 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.09 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 15154

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	9.2	13.8#



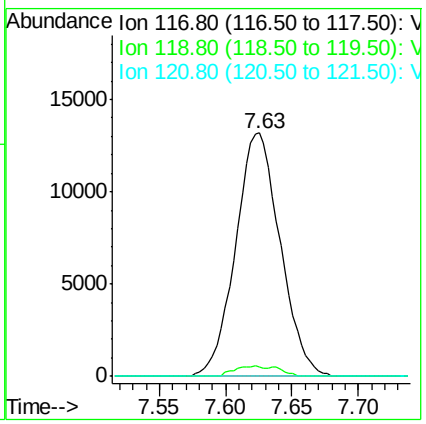


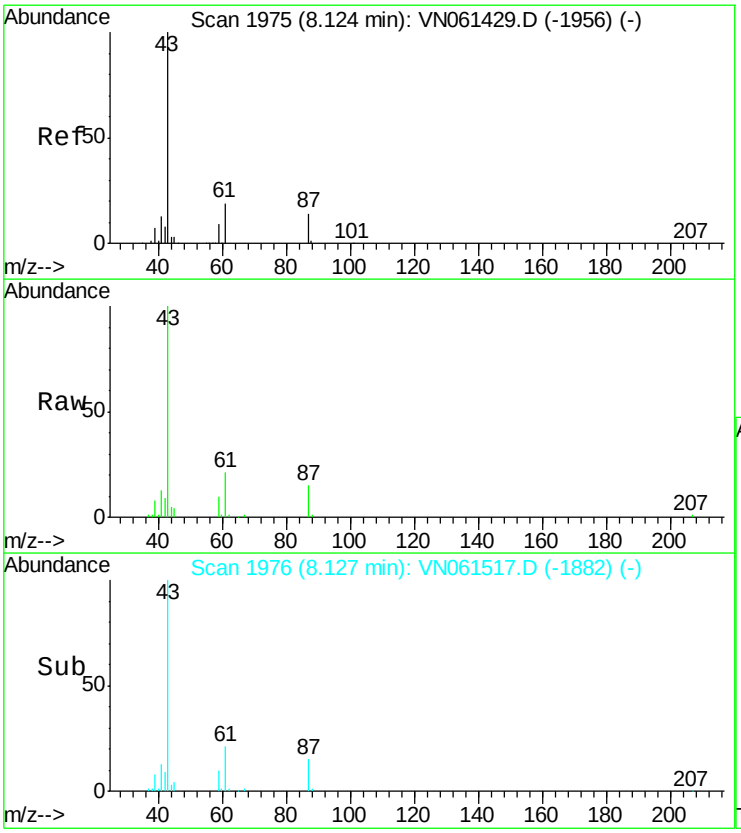
#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 30860

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.0	115.6#
121	0.0	24.7	37.1#

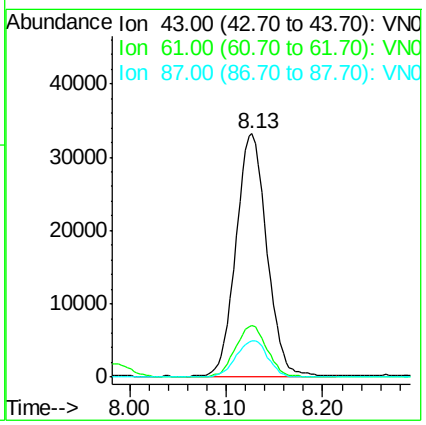


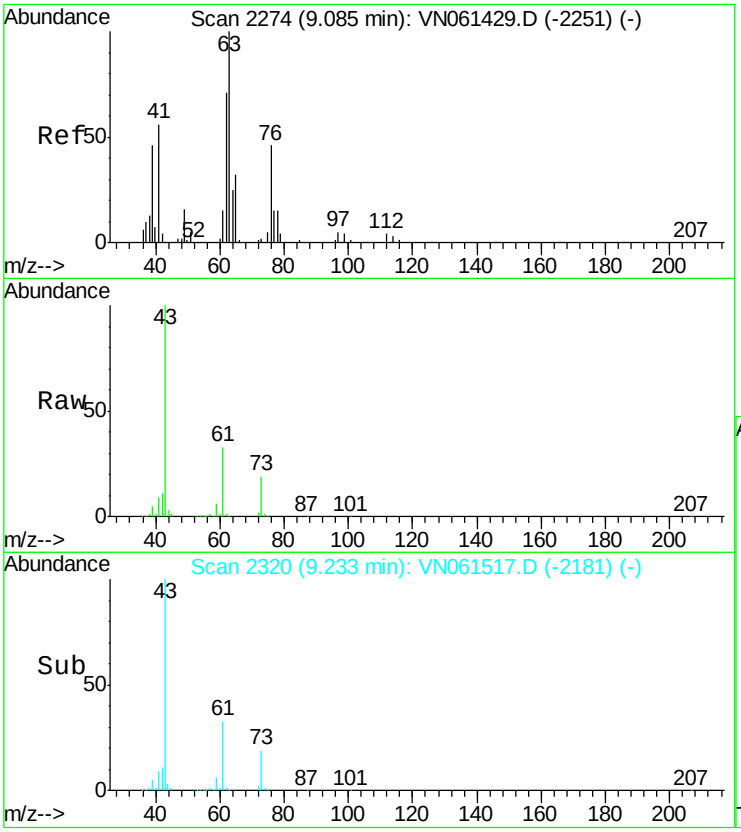


#43
Isopropyl Acetate
Concen: 9.335 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 74453

Ion	Ratio	Lower	Upper
43	100		
61	21.4	23.0	34.4#
87	15.1	11.6	17.4



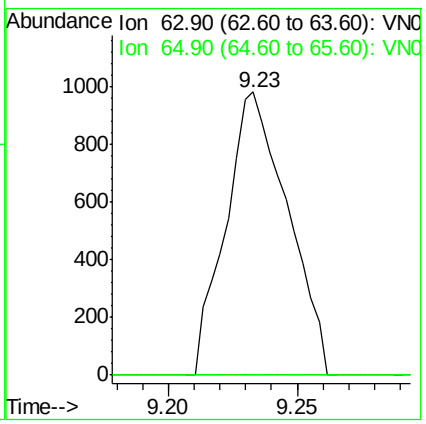


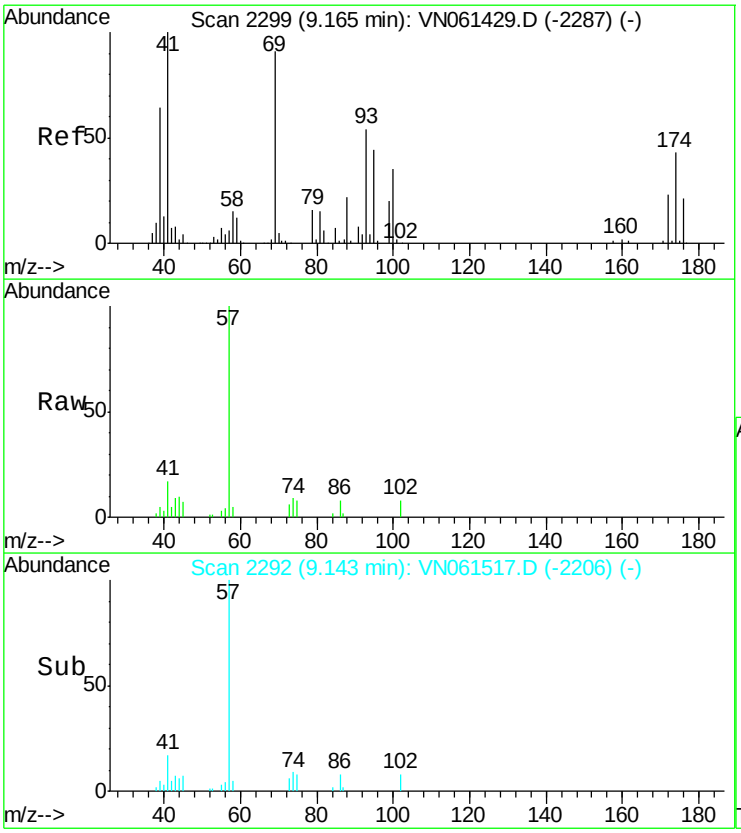
#45
1,2-Dichloropropane
Concen: 0.432 ug/l
RT: 9.23 min Scan# 2320
Delta R.T. 0.15 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1642

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#

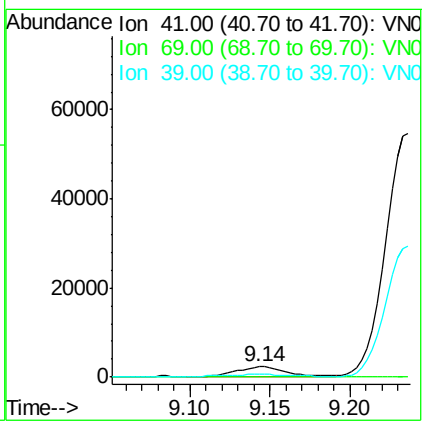


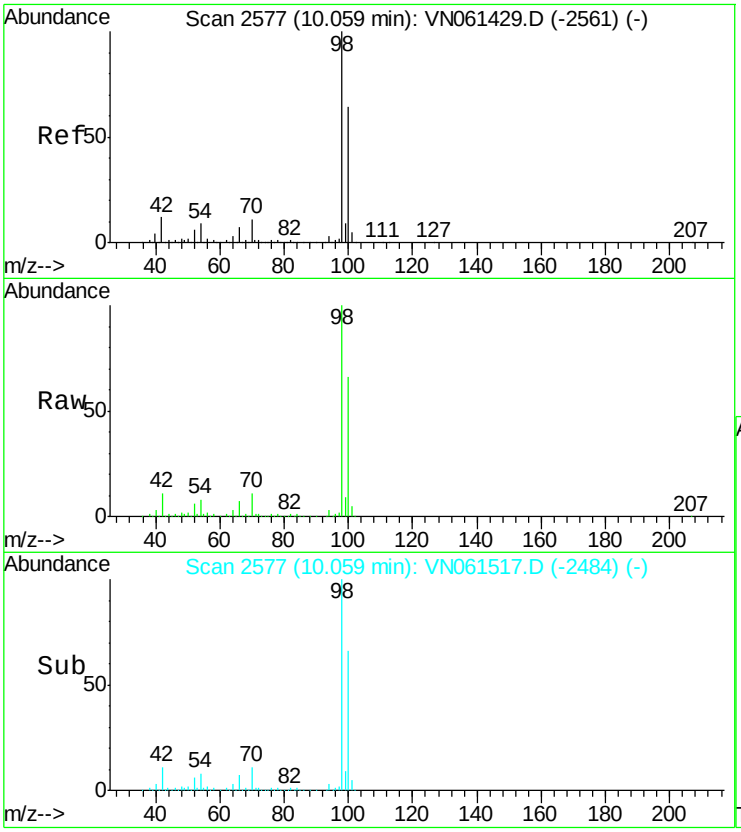


#48
Methyl methacrylate
Concen: 1.437 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.02 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 41 Resp: 5295

Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.3	112.9#
39	33.0	52.6	79.0#



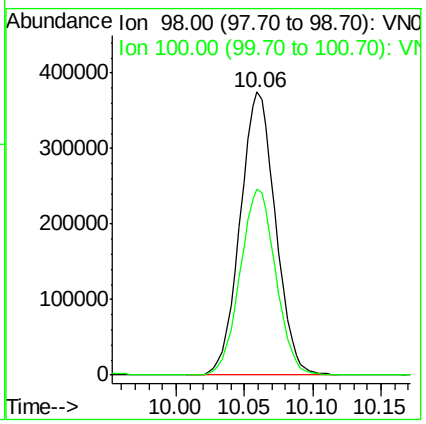


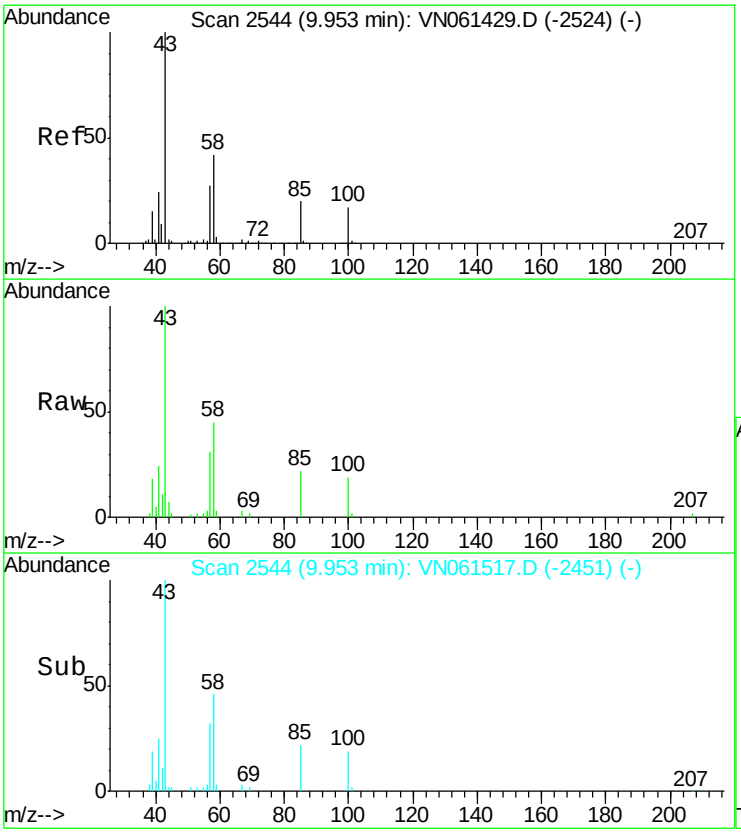
#50
Toluene-d8
Concen: 51.431 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 673938

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.8	77.8

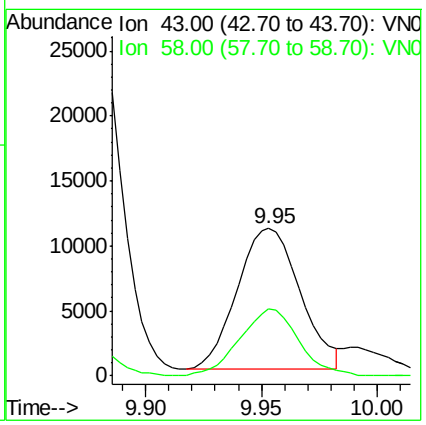


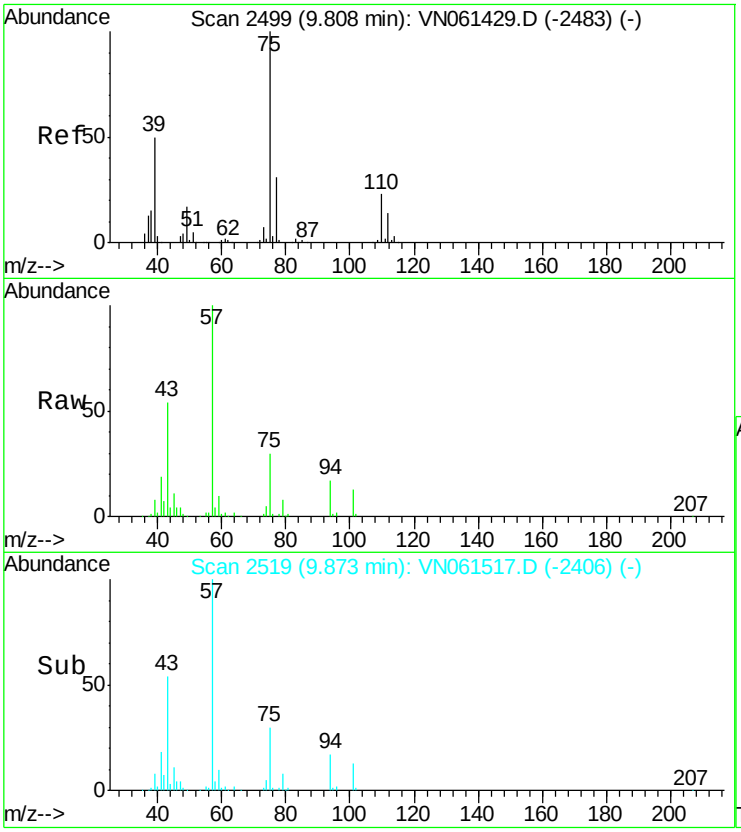


#51
4-Methyl-2-Pentanone
Concen: 4.683 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 20347

Ion	Ratio	Lower	Upper
43	100		
58	44.8	33.4	50.2



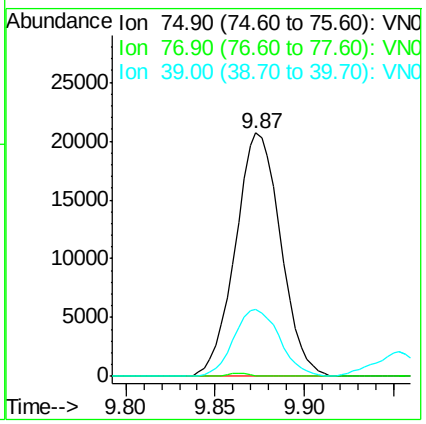


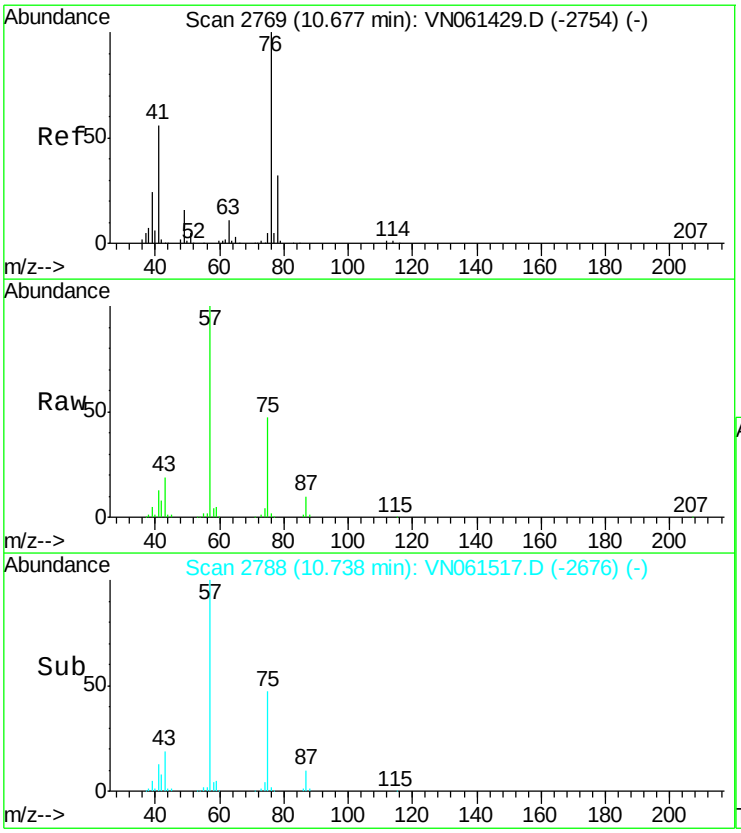
#54
cis-1,3-Dichloropropene
Concen: 5.585 ug/l
RT: 9.87 min Scan# 2519
Delta R.T. 0.06 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 36555

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	27.5	39.8	59.6#

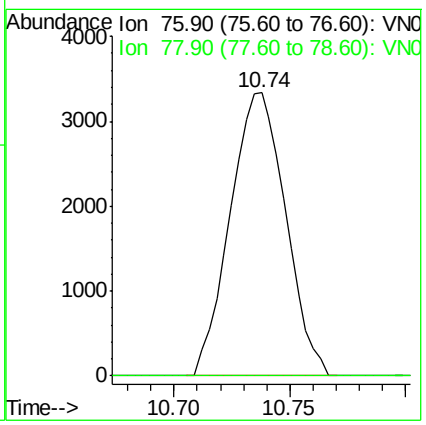


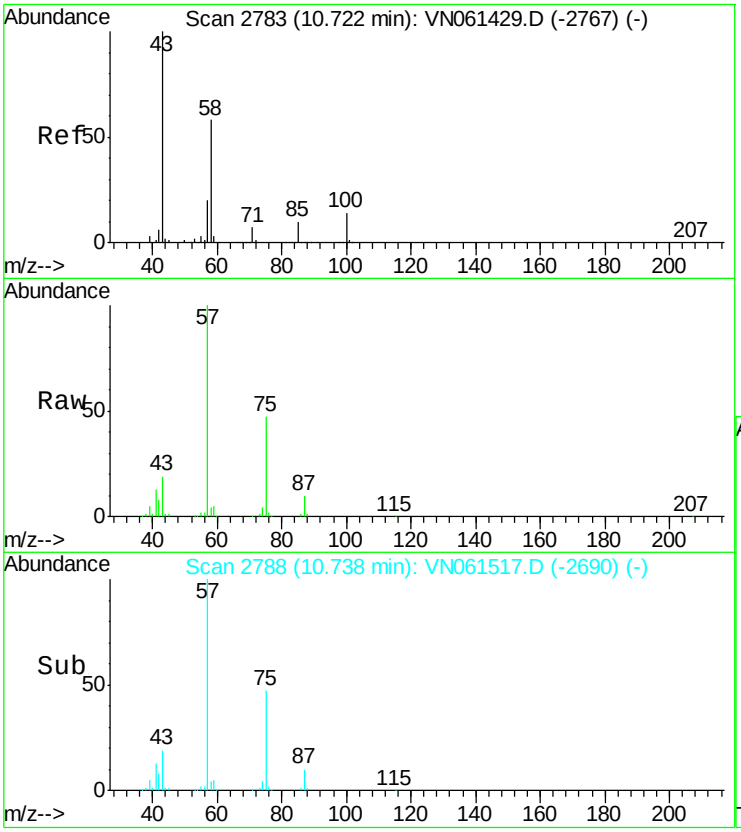


#57
1,3-Dichloropropane
Concen: 0.869 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.06 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 76 Resp: 5541

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



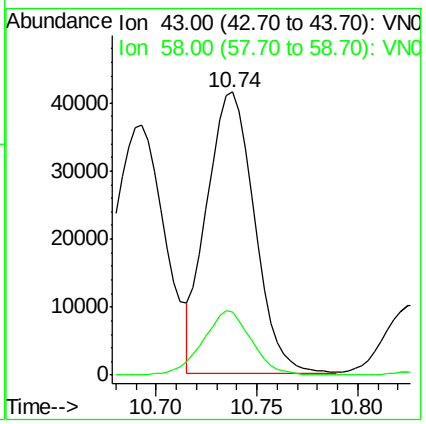


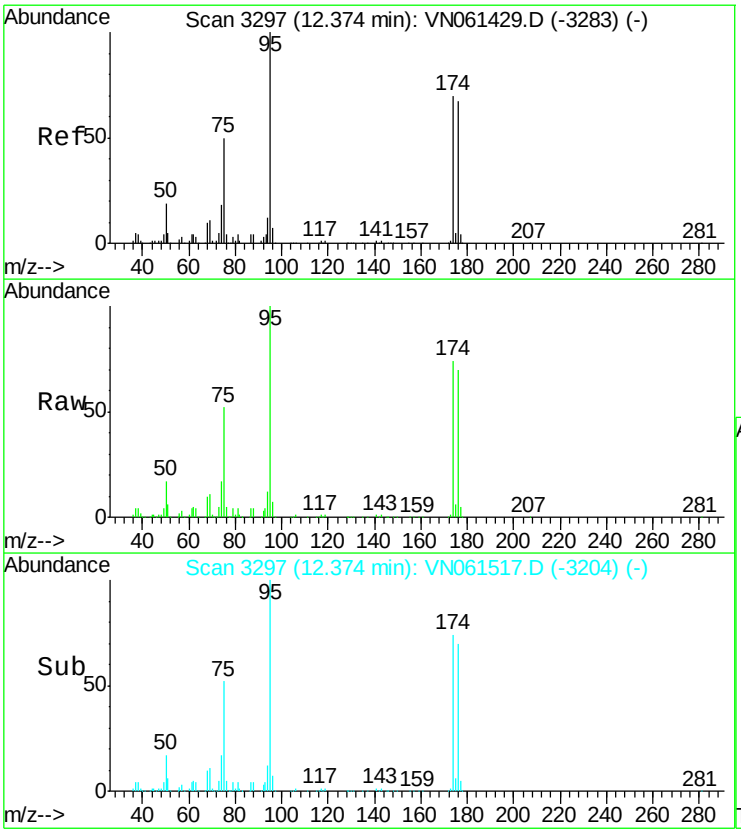
#59
2-Hexanone
Concen: 21.642 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 68031

Ion	Ratio	Lower	Upper
43	100		
58	23.4	29.2	87.6#

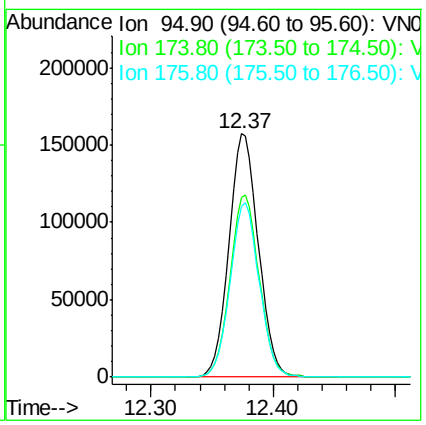


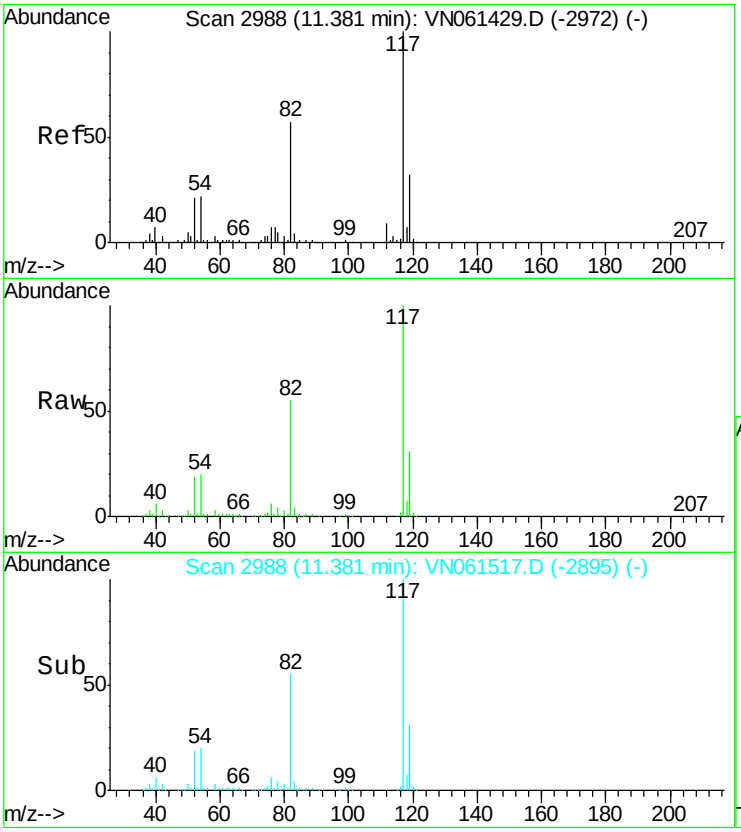


#62
4-Bromofluorobenzene
Concen: 54.012 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 95 Resp: 264428

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	141.2
176	70.7	0.0	137.6



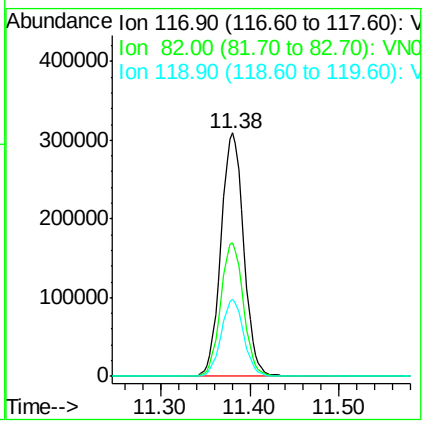


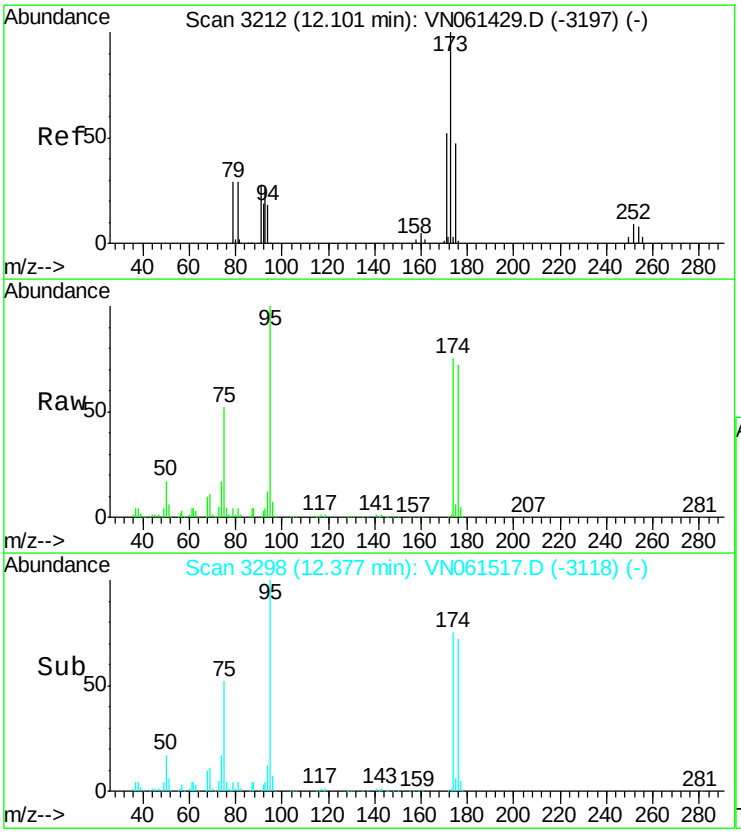
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 544732

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.2	67.8
119	31.5	25.3	37.9

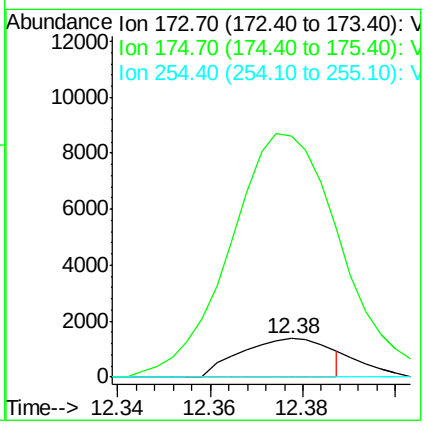


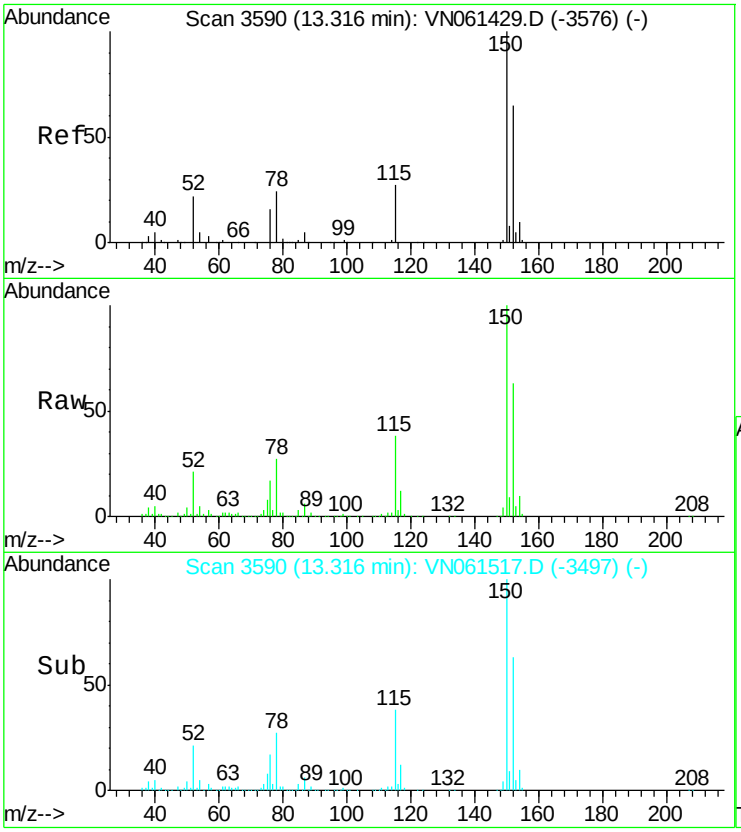


#71
Bromoform
Concen: 2.588 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion:173 Resp: 1833

Ion	Ratio	Lower	Upper
173	100		
175	685.1	23.9	71.8#
254	0.0	0.0	0.0



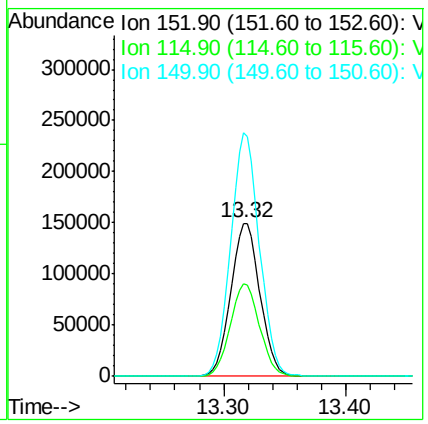


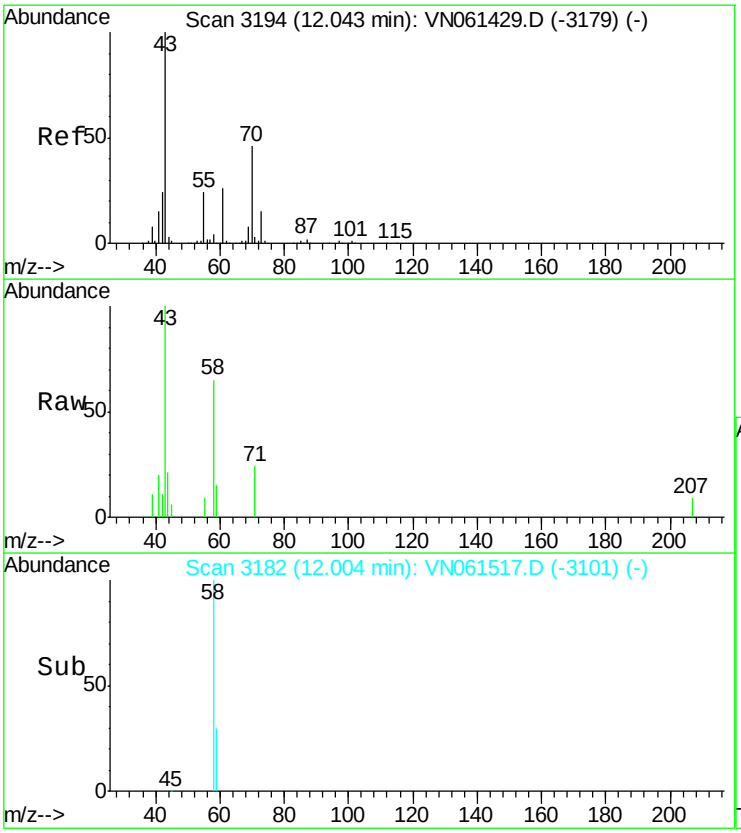
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 248930

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.9	92.5
150	156.4	0.0	349.2

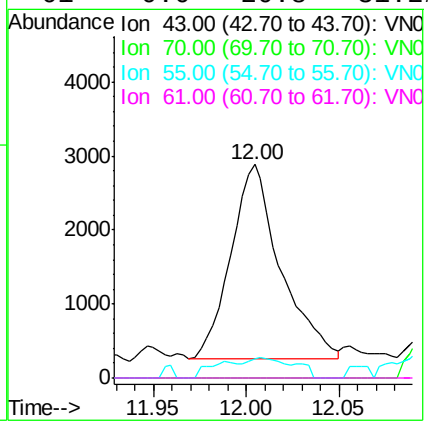


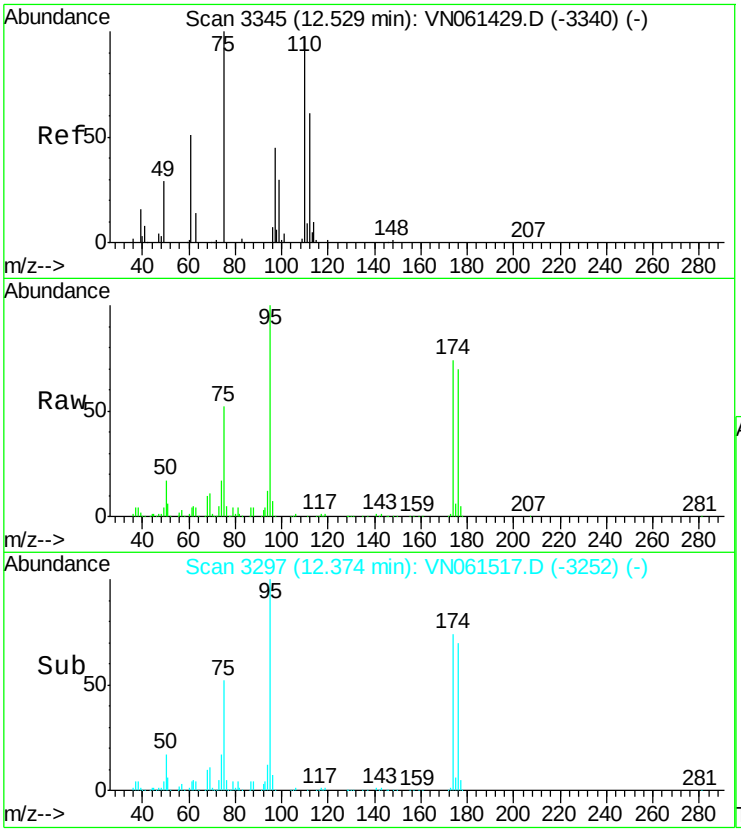


#74
N-amyl acetate
Concen: 0.664 ug/l
RT: 12.00 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 43 Resp: 4855

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.0	55.4#
55	2.9	19.5	29.3#
61	0.0	20.8	31.2#



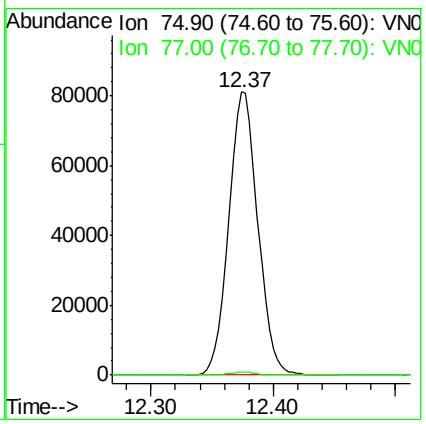


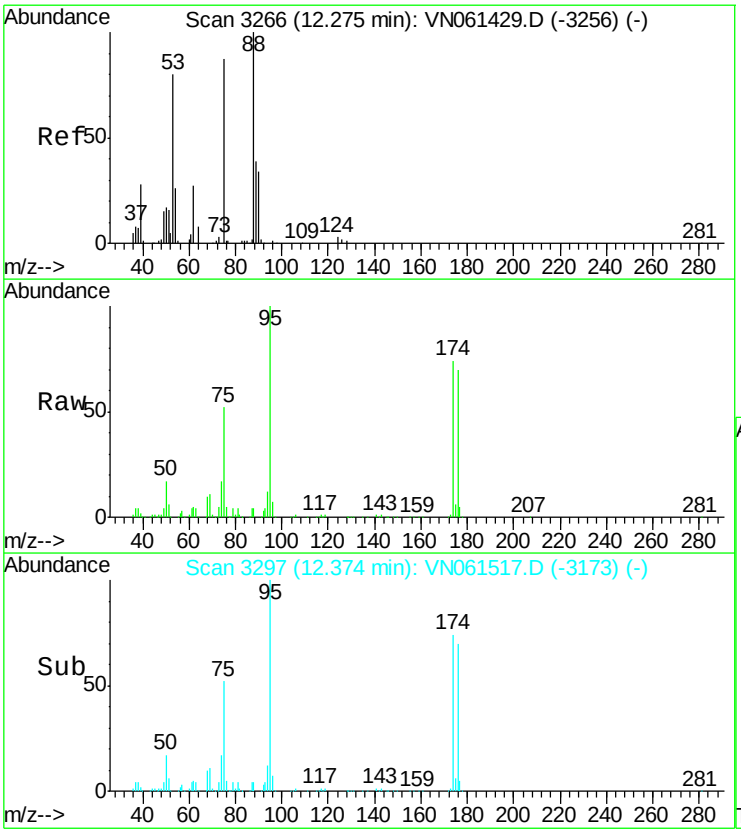
#76
1,2,3-Trichloropropane
Concen: 25.191 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 134555

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

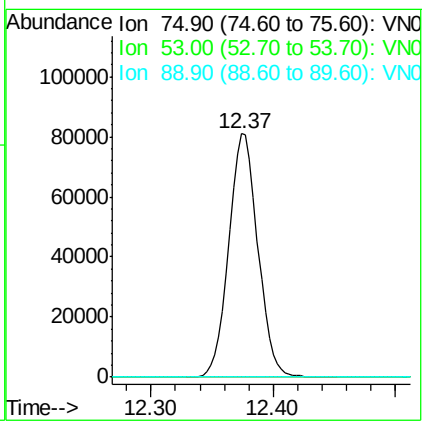


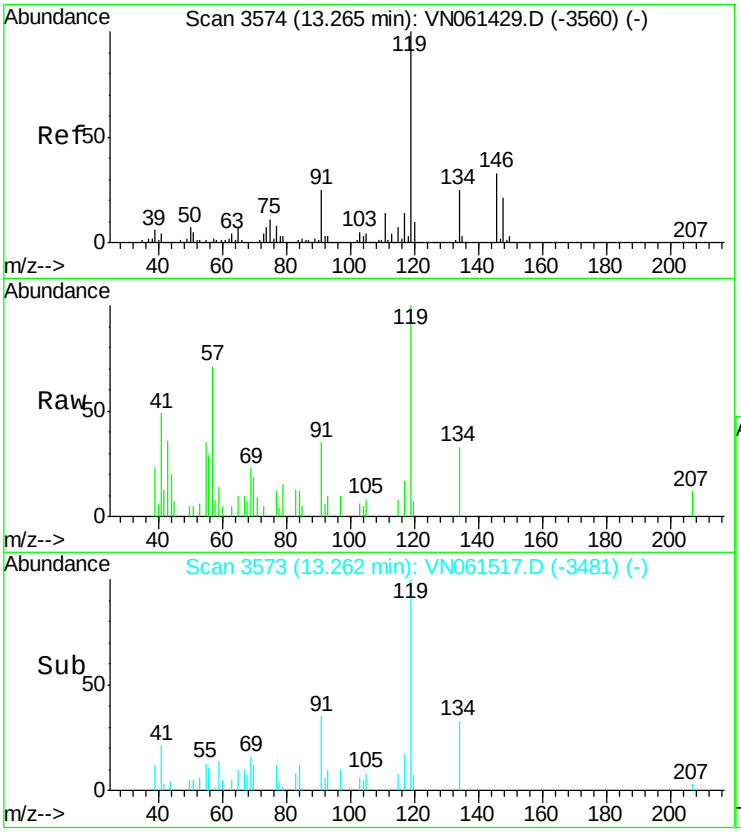


#81
trans-1,4-Dichloro-2-butene
Concen: 66.826 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion: 75 Resp: 134555

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



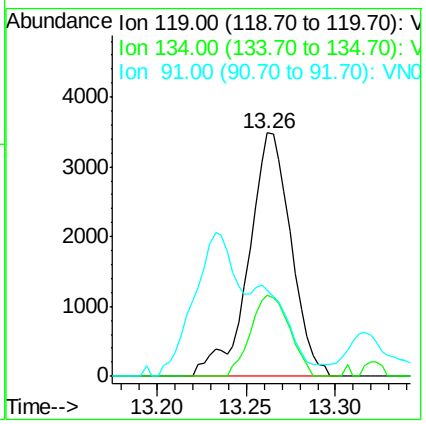


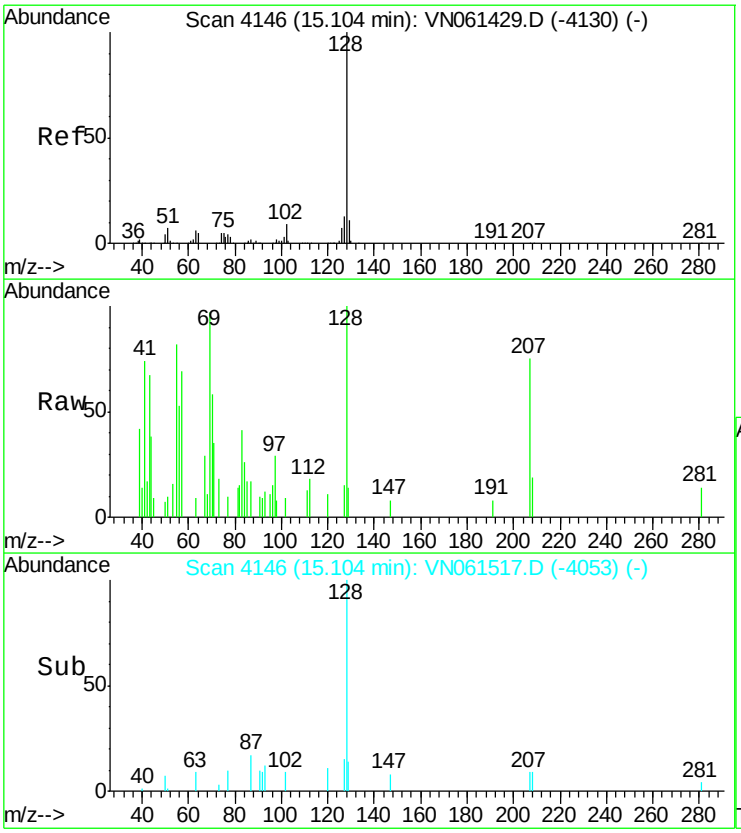
#86
p-Isopropyltoluene
Concen: 0.343 ug/l
RT: 13.26 min Scan# 3573
Delta R.T. -0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 5777

Ion	Ratio	Lower	Upper
119	100		
134	30.7	12.7	38.1
91	0.0	12.6	37.6#





#95
Naphthalene
Concen: 0.267 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061517.D
Acq: 20 May 2020 21:44

Tgt Ion:128 Resp: 3505

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	6.8	8.6	13.0#