Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052920\
Data File : VN061575.D
Acq On : 29 May 2020 18:19
Operator : JC/MD
Sample : PB129155ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 30 04:45:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	264671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	493278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171115	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.52%			
35) Dibromofluoromethane	7.55	113	123414	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
50) Toluene-d8	10.06	98	602072	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.20%			
62) 4-Bromofluorobenzene	12.38	95	233299	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.78%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	233	0.556	ug/l #	72
16) Acetone	3.78	43	9932	5.360	ug/l	99
18) Methyl Acetate	4.29	43	2208	0.773	ug/l #	83
20) Methylene Chloride	4.50	84	3706	Below Cal	#	75
25) 2-Butanone	6.79	43	3401	2.276	ug/l	98
29) Tetrahydrofuran	7.16	42	312	0.317	ug/l #	25
31) Cyclohexane	7.63	56	5553	1.249	ug/l #	24
36) 1,1-Dichloropropene	7.63	75	21046	4.929	ug/l #	47
38) Carbon Tetrachloride	7.63	117	26459	6.424	ug/l #	16
43) Isopropyl Acetate	8.13	43	66970	10.823	ug/l #	89
45) 1,2-Dichloropropane	9.23	63	1585	0.507	ug/l #	44
48) Methyl methacrylate	9.14	41	4047	1.454	ug/l #	5
51) 4-Methyl-2-Pentanone	9.95	43	6669	1.913	ug/l	88
52) Toluene	10.12	92	3126	0.364	ug/l	94
54) cis-1,3-Dichloropropene	9.88	75	36518	6.632	ug/l #	63
56) Ethyl methacrylate	10.52	69	1074	0.224	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	6281	1.146	ug/l #	42
59) 2-Hexanone	10.74	43	72843	29.088	ug/l #	50
71) Bromoform	12.37	173	1668	0.567	ug/l #	1
74) N-amyl acetate	12.00	43	4108	0.810	ug/l #	40
76) 1,2,3-Trichloropropane	12.37	75	116259	28.971	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	5439	0.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	116259	74.086	ug/l #	15

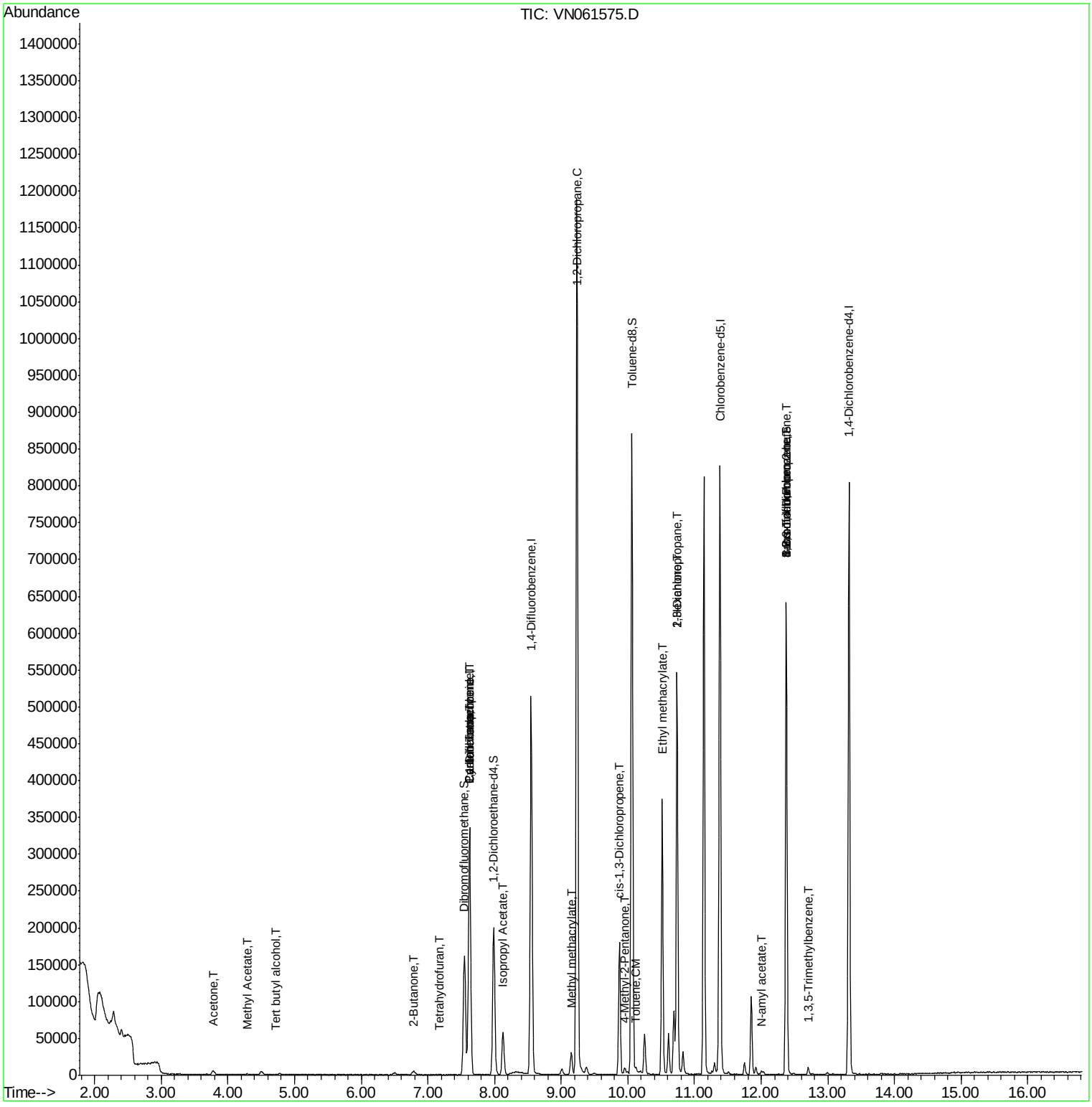
(#) = qualifier out of range (m) = manual integration (+) = signals summed

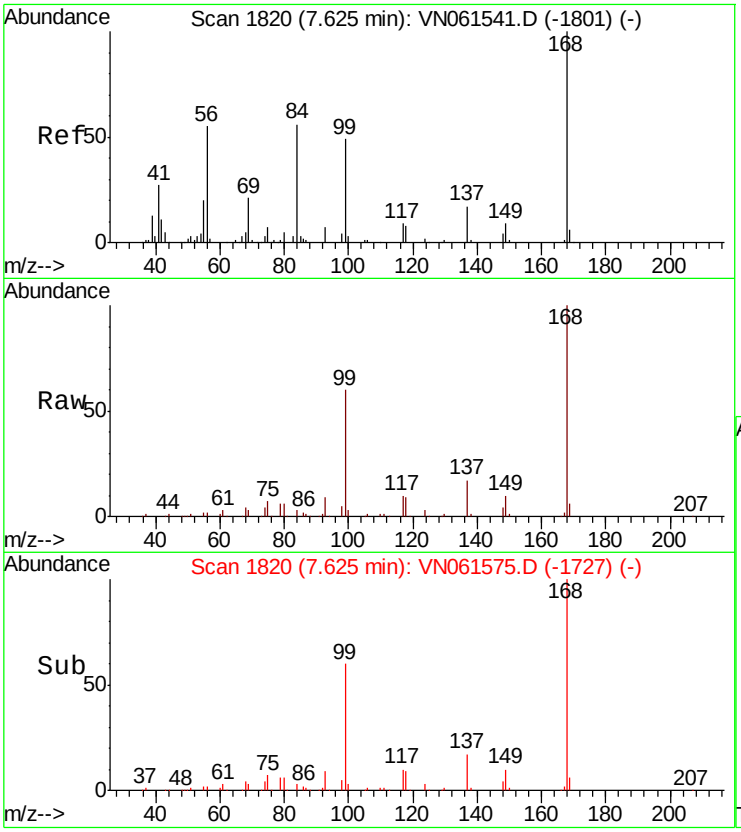
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052920\
Data File : VN061575.D
Acq On : 29 May 2020 18:19
Operator : JC/MD
Sample : PB129155ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 30 04:45:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration



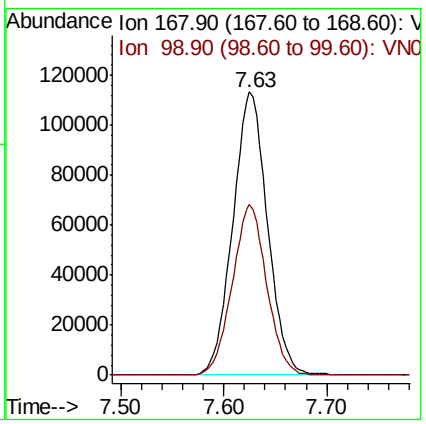


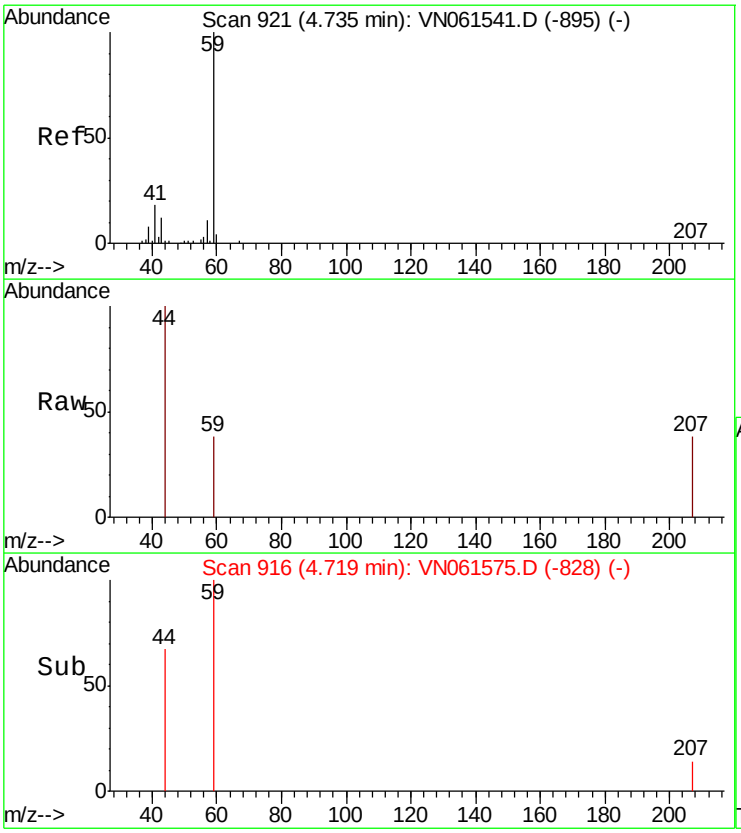
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 264671

Ion	Ratio	Lower	Upper
168	100		
99	60.5	45.0	67.4

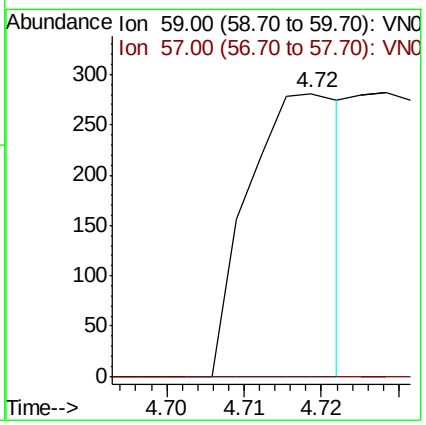


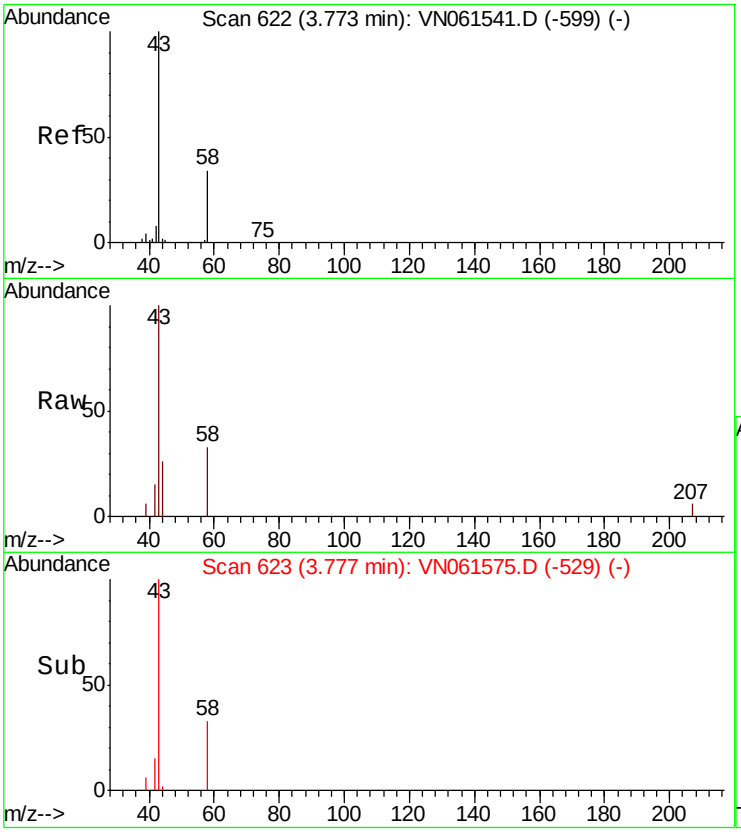


#11
Tert butyl alcohol
Concen: 0.556 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 59 Resp: 233

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



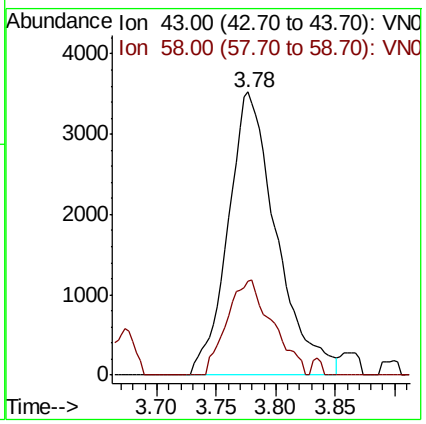


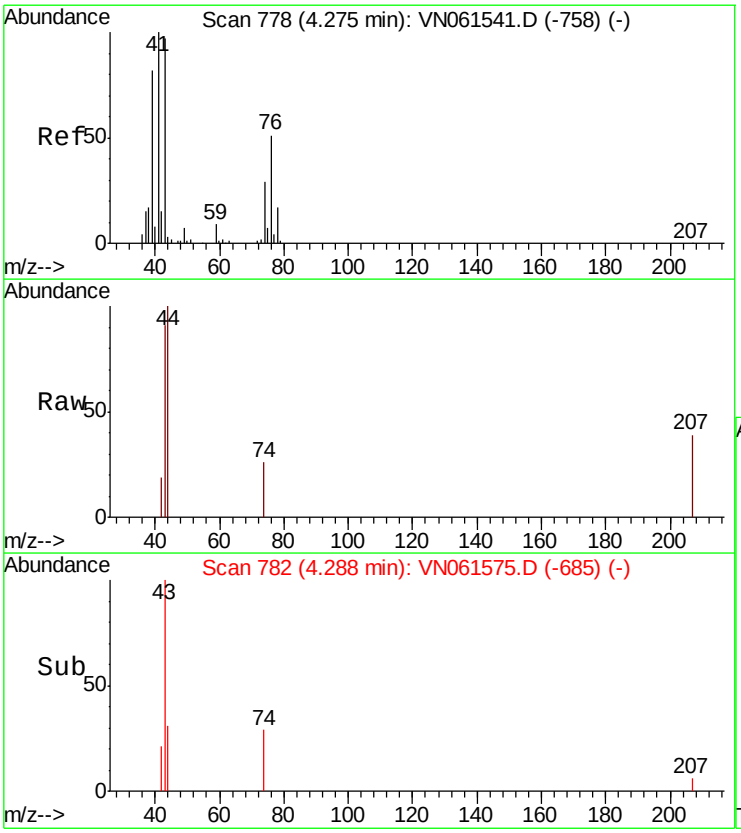
#16
Acetone
Concen: 5.360 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9932

Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.2	40.8

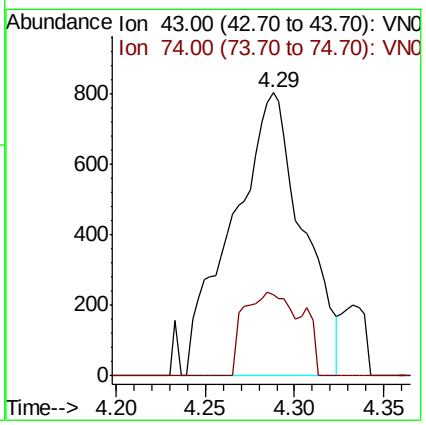


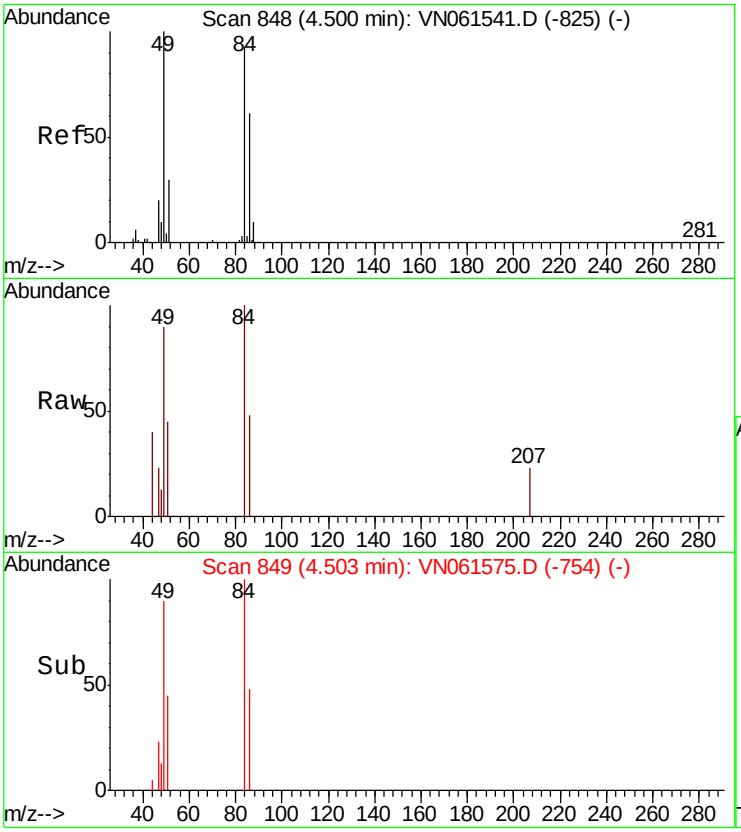


#18
Methyl Acetate
Concen: 0.773 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 43 Resp: 2208

Ion	Ratio	Lower	Upper
43	100		
74	19.8	23.2	34.8#



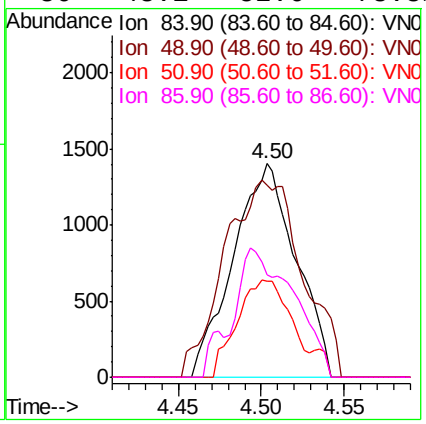


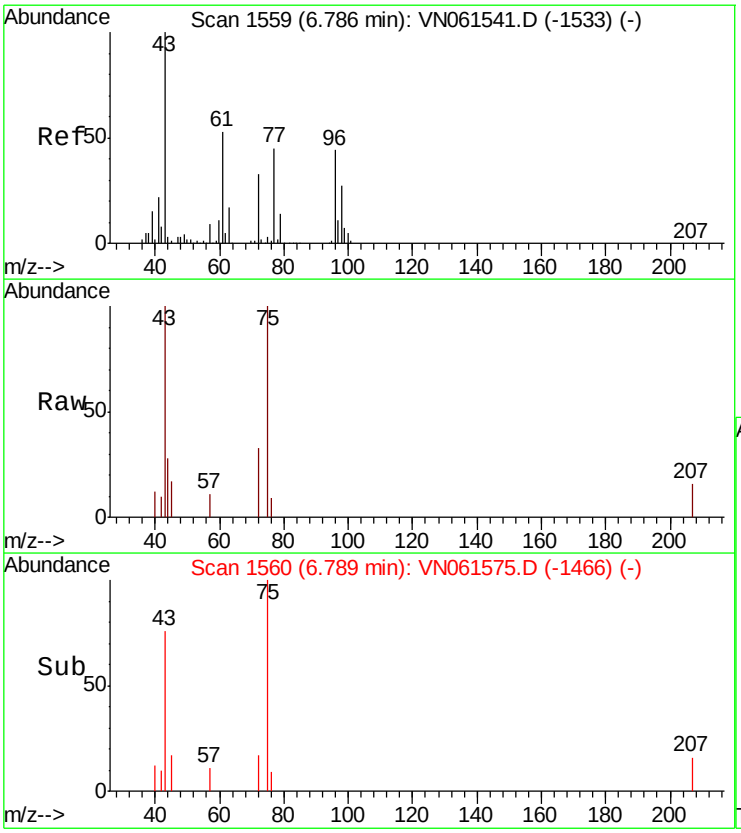
#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 3706

Ion	Ratio	Lower	Upper
84	100		
49	77.8	85.8	128.8#
51	45.1	26.2	39.2#
86	48.1	52.6	78.8#

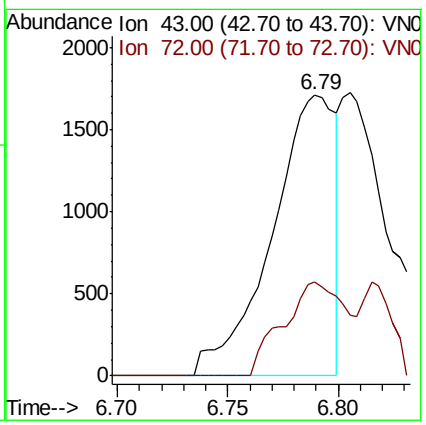


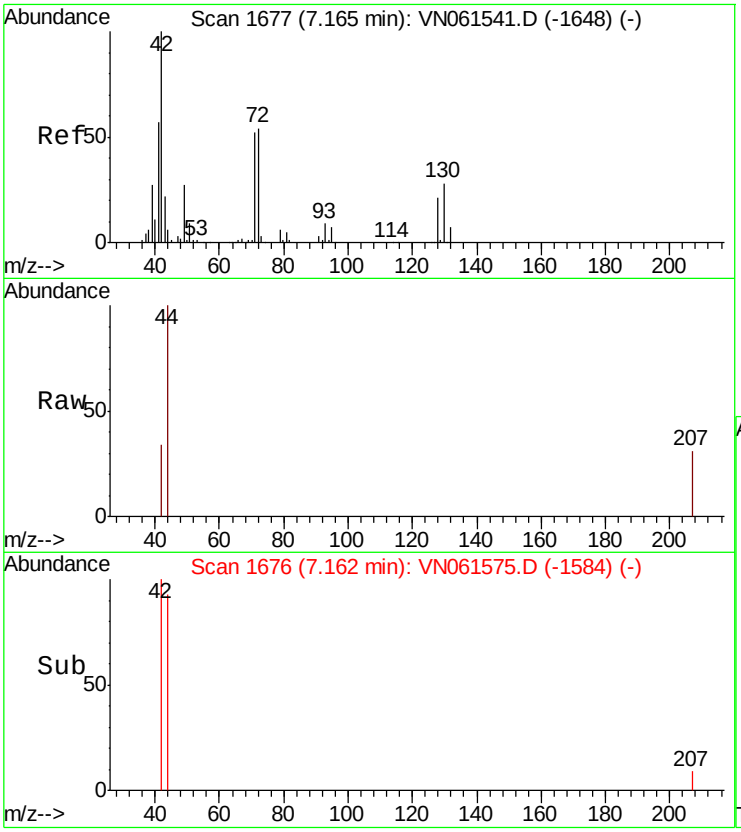


#25
2-Butanone
Concen: 2.276 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 43 Resp: 3401

Ion	Ratio	Lower	Upper
43	100		
72	33.4	26.0	39.0



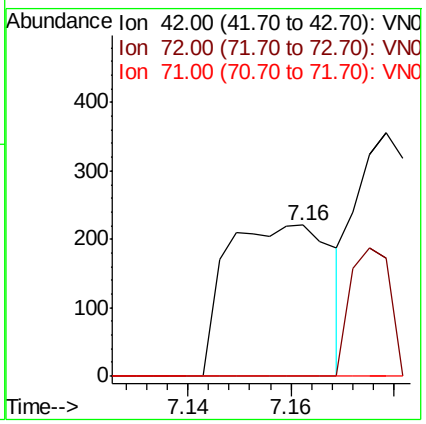


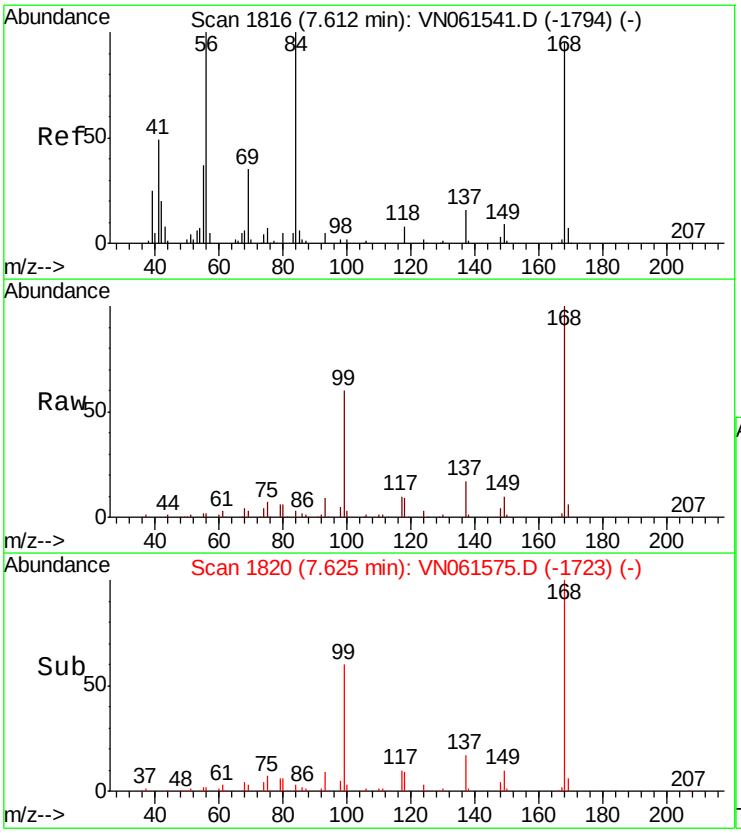
#29
Tetrahydrofuran
Concen: 0.317 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 312

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.6	65.4#
71	0.0	41.2	61.8#

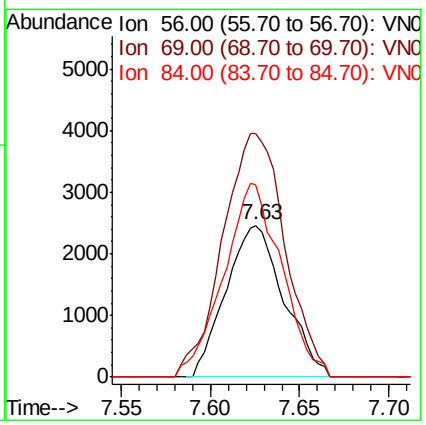


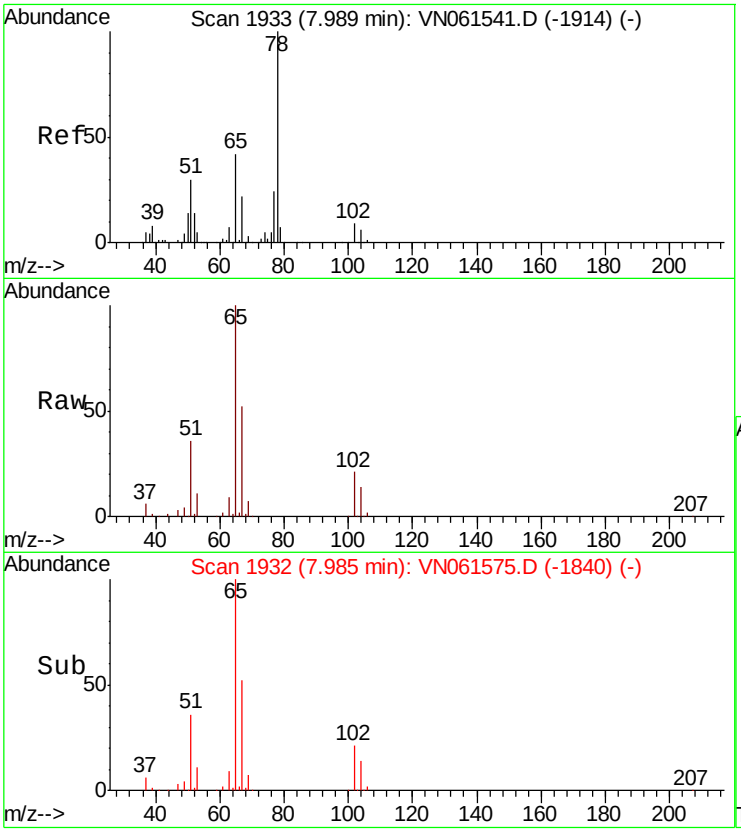


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 56 Resp: 5553

Ion	Ratio	Lower	Upper
56	100		
69	160.4	27.8	41.8#
84	126.6	79.9	119.9#



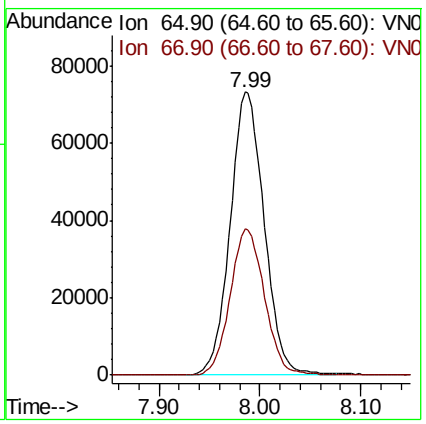


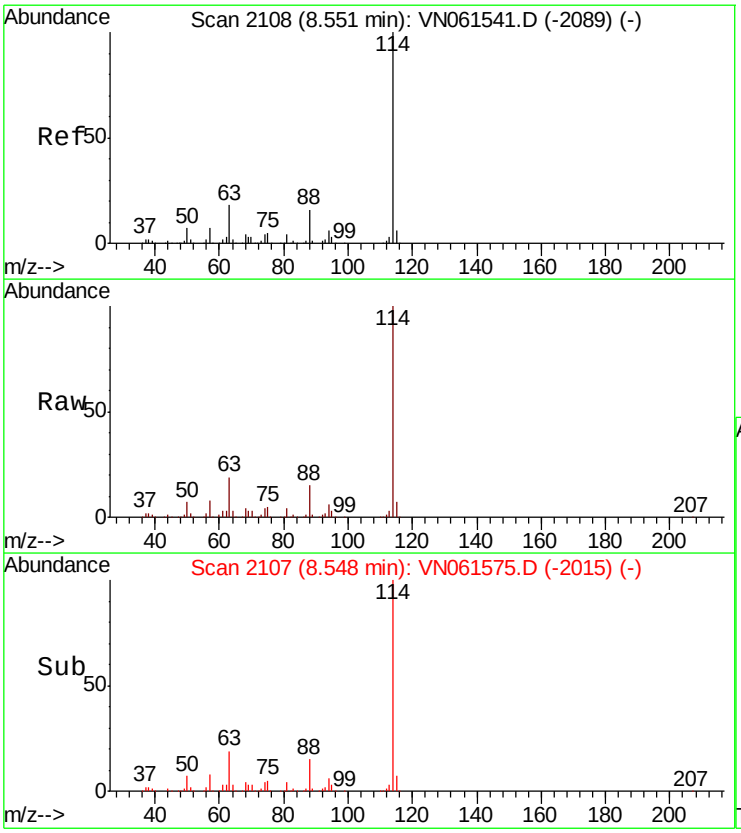
#33
1,2-Dichloroethane-d4
Concen: 54.264 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 171115

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8

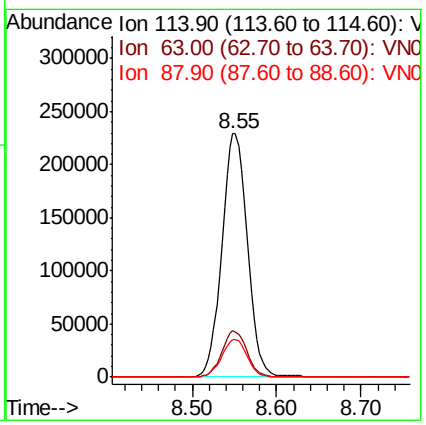


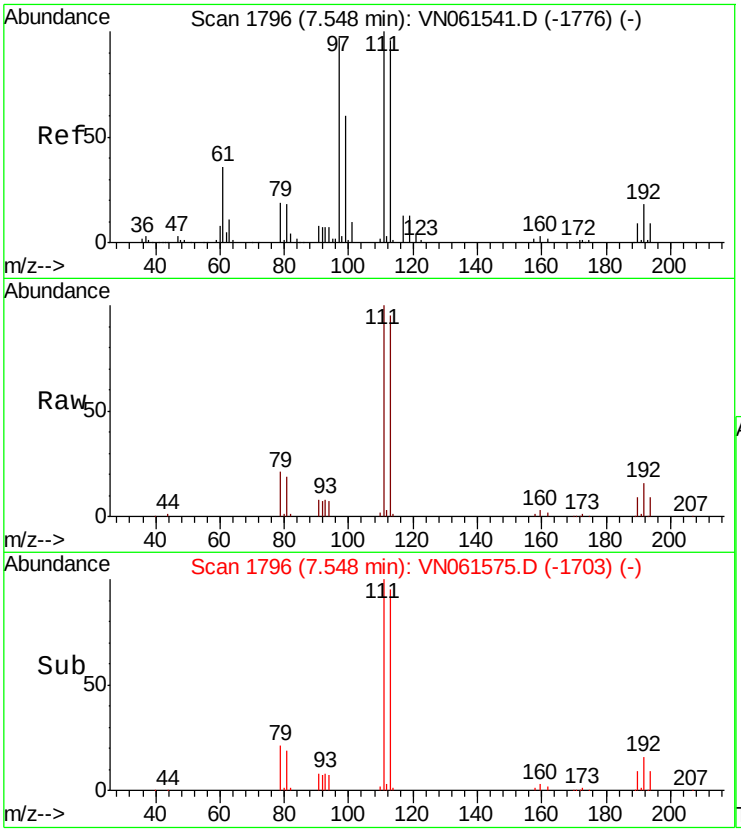


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion:114 Resp: 482366

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.8
88	15.5	0.0	31.0



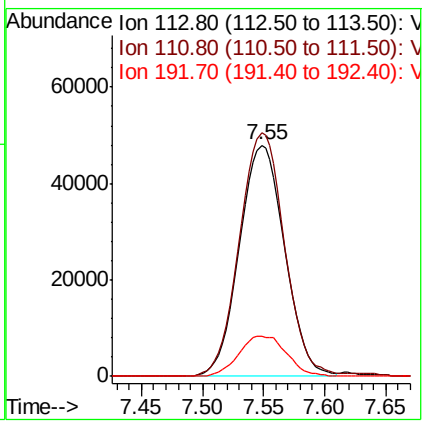


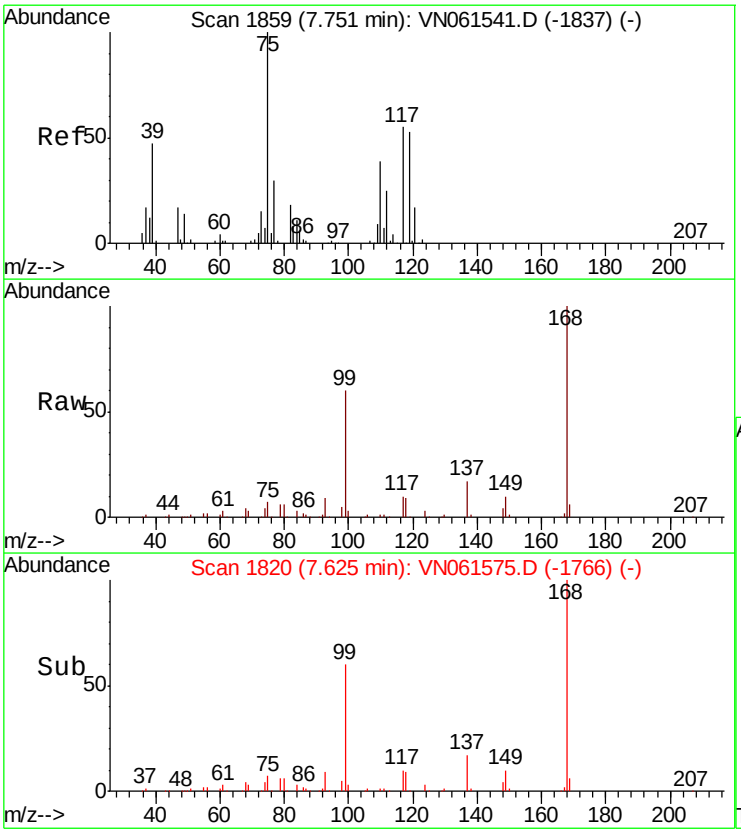
#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 123414

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.0
192	18.3	15.4	23.2

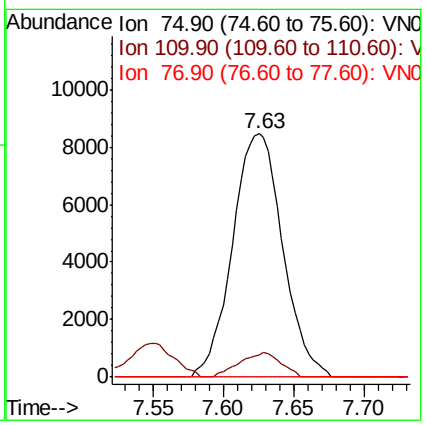


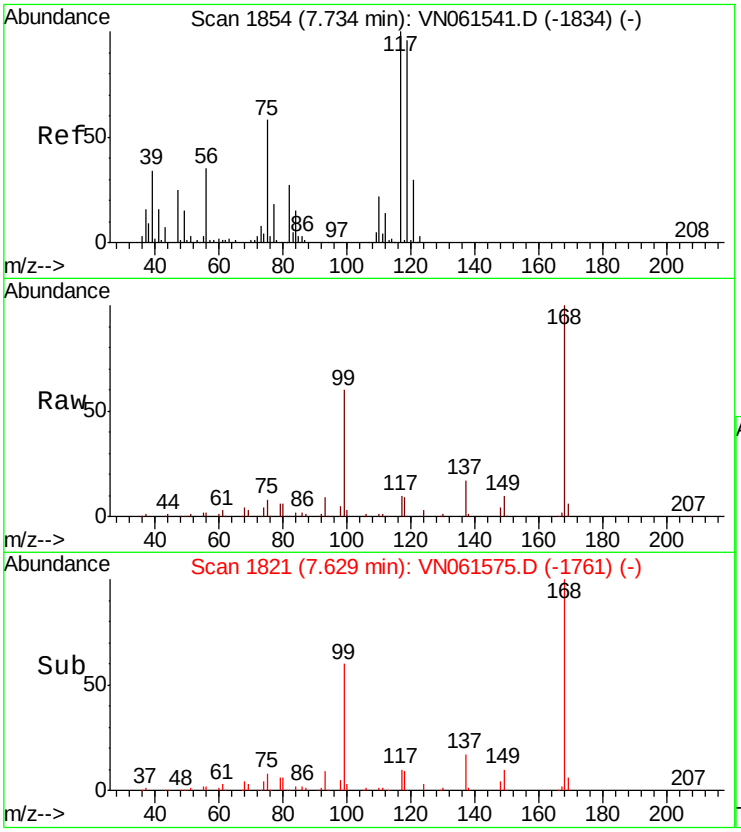


#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 75 Resp: 21046

Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.5	58.5#
77	0.0	24.7	37.1#



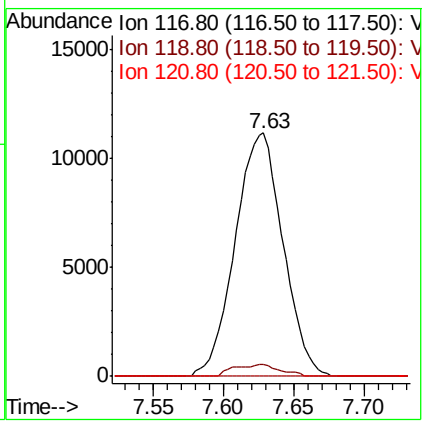


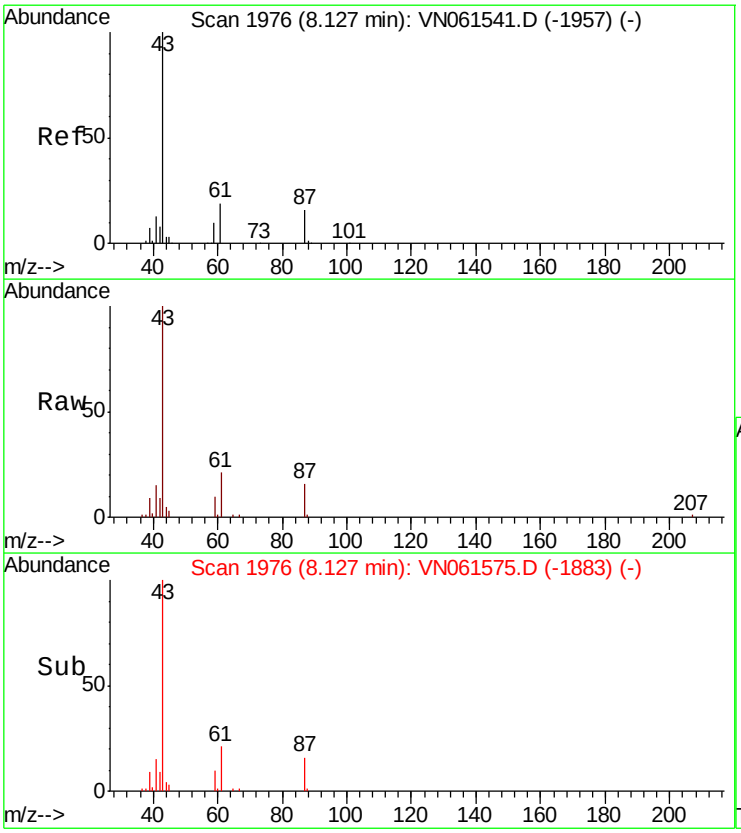
#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 26459

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.5	114.7#
121	0.0	24.1	36.1#

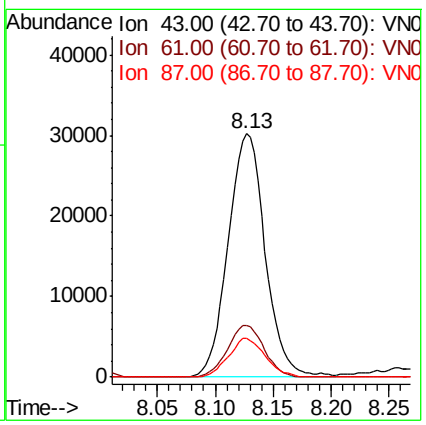


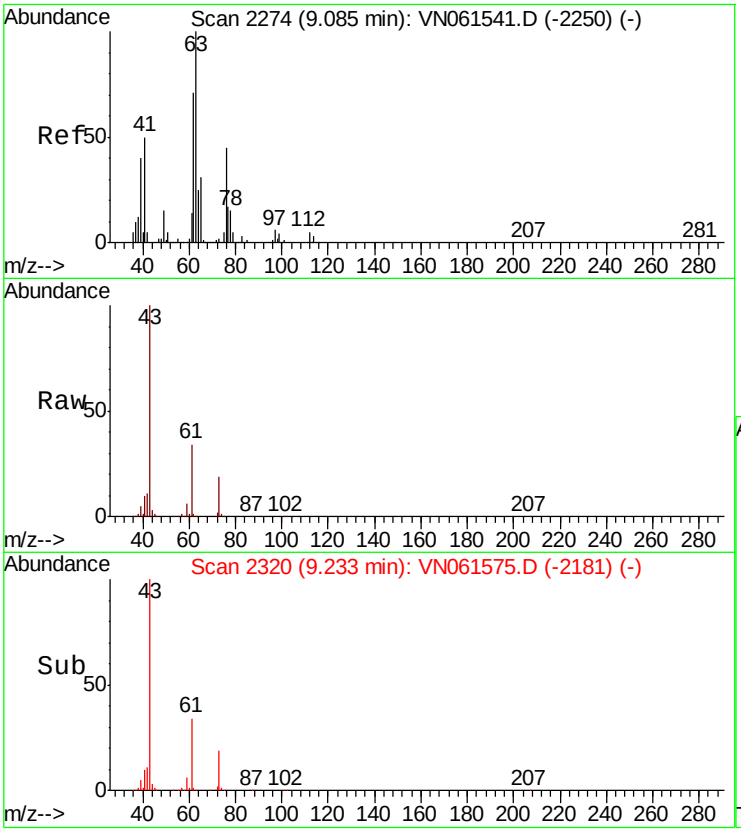


#43
Isopropyl Acetate
Concen: 10.823 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 43 Resp: 66970

Ion	Ratio	Lower	Upper
43	100		
61	20.7	23.6	35.4#
87	15.5	13.0	19.6



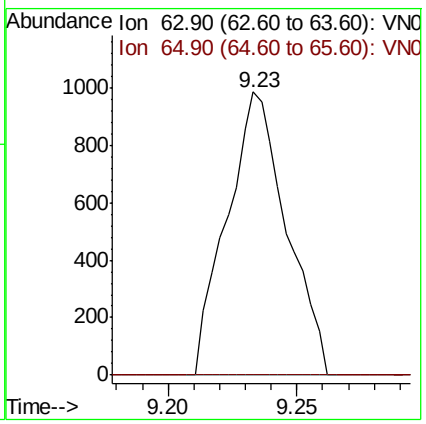


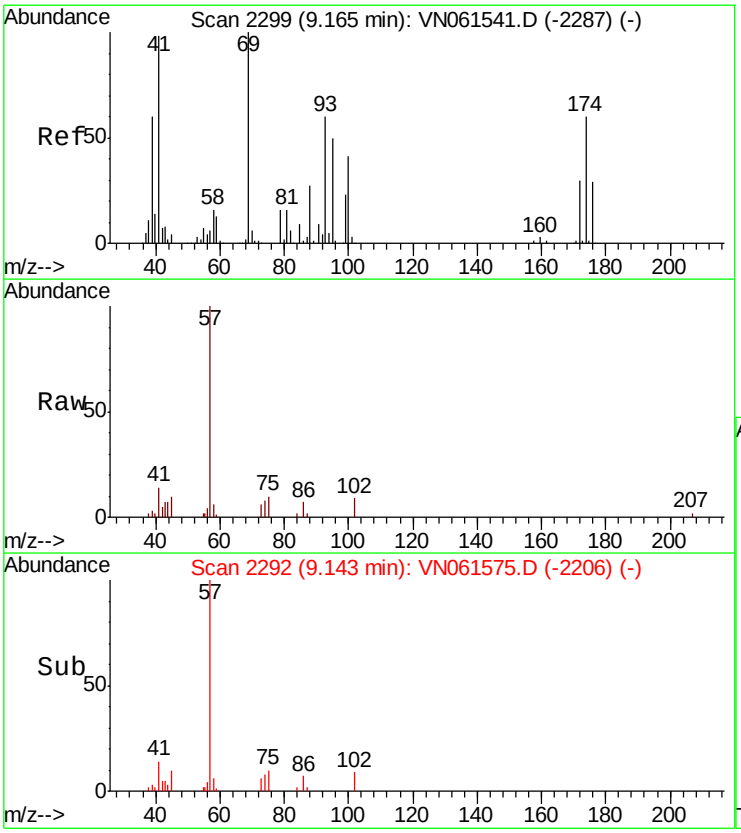
#45
1,2-Dichloropropane
Concen: 0.507 ug/l
RT: 9.23 min Scan# 2320
Delta R.T. 0.15 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1585

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#

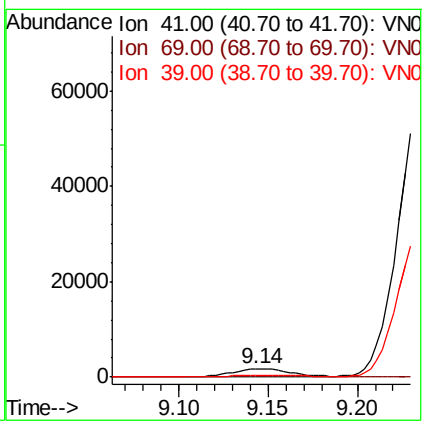


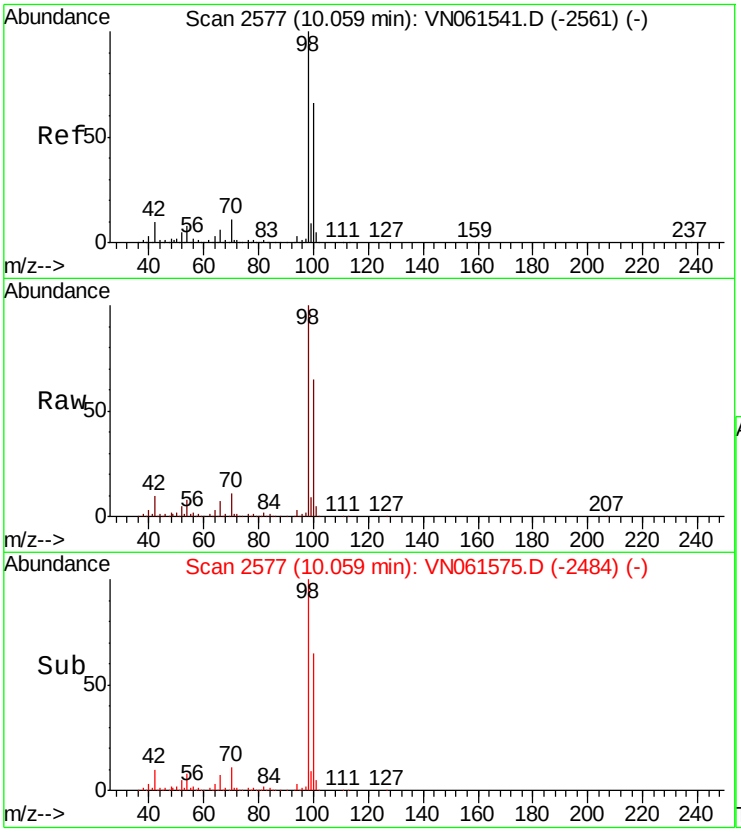


#48
Methyl methacrylate
Concen: 1.454 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.02 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 41 Resp: 4047

Ion	Ratio	Lower	Upper
41	100		
69	0.0	83.9	125.9#
39	0.0	52.1	78.1#



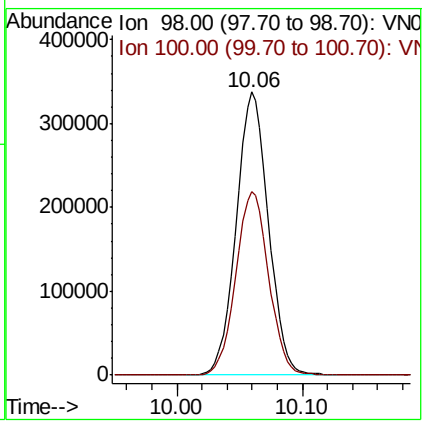


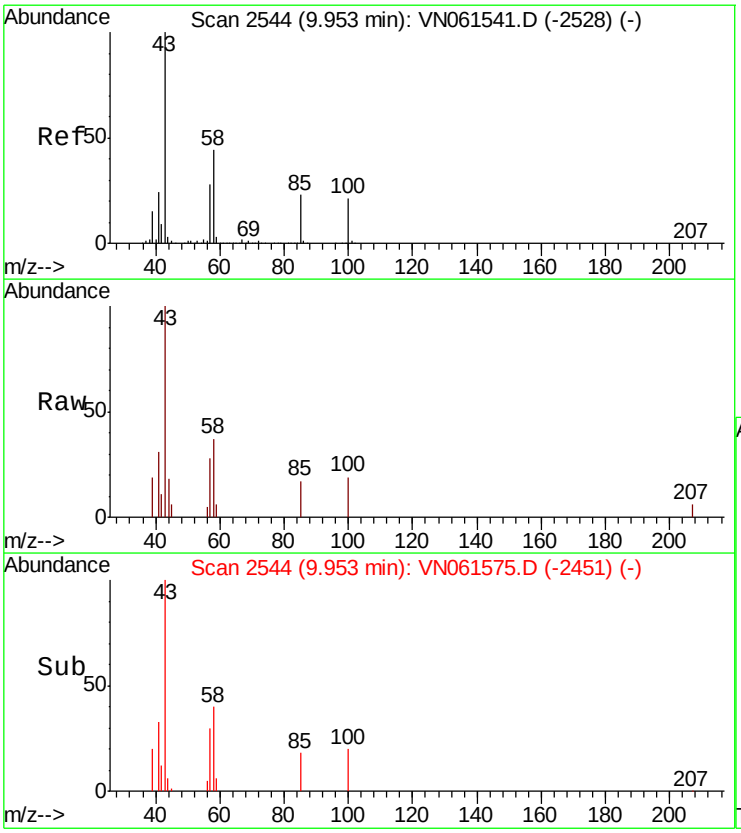
#50
Toluene-d8
Concen: 53.095 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 602072

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2

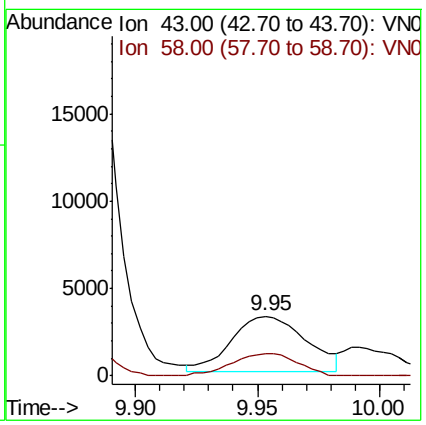


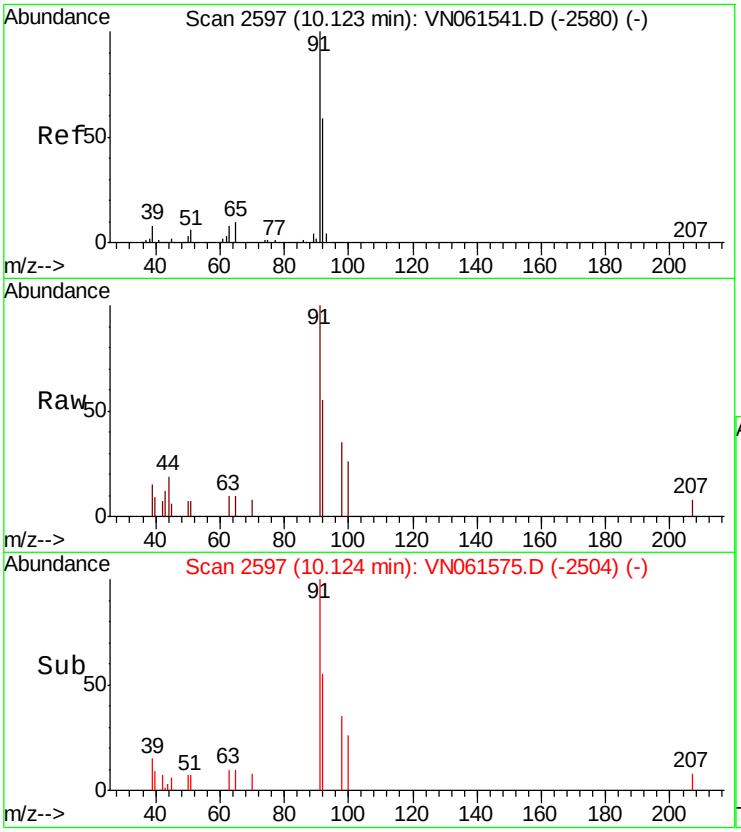


#51
4-Methyl-2-Pentanone
Concen: 1.913 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 43 Resp: 6669

Ion	Ratio	Lower	Upper
43	100		
58	36.2	35.0	52.6



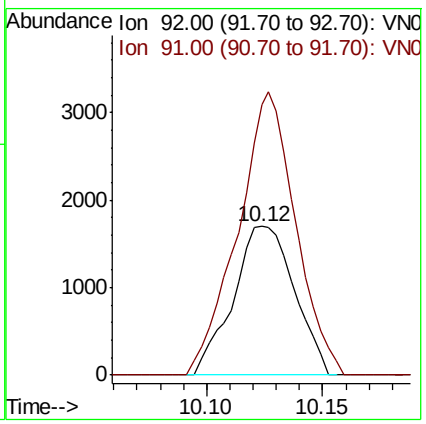


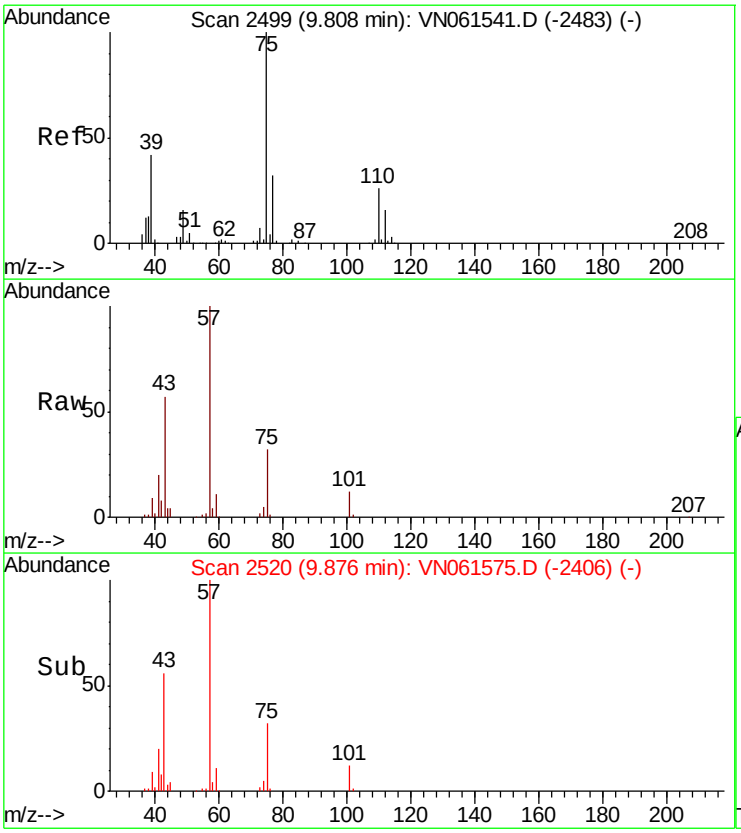
#52
Toluene
Concen: 0.364 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 3126

Ion	Ratio	Lower	Upper
92	100		
91	179.2	136.4	204.6

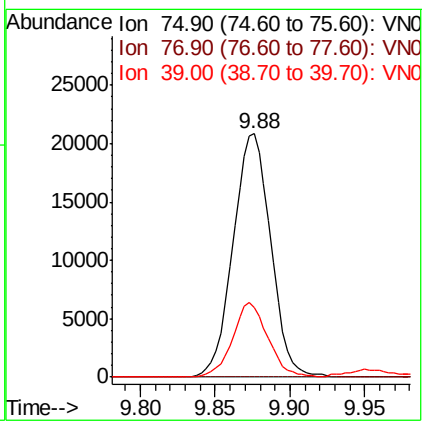


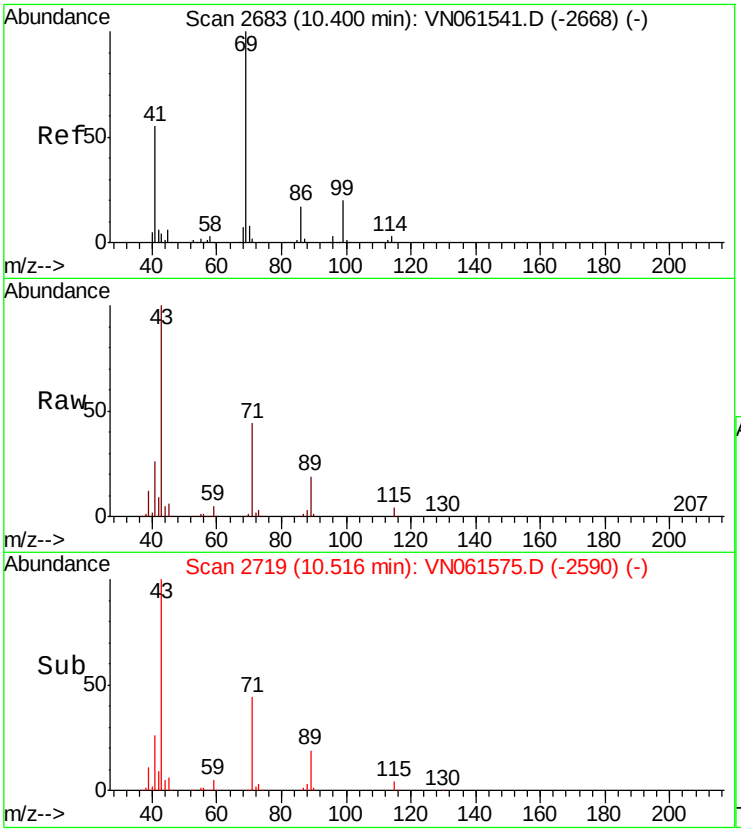


#54
cis-1,3-Dichloropropene
Concen: 6.632 ug/l
RT: 9.88 min Scan# 2520
Delta R.T. 0.07 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 75 Resp: 36518

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	28.7	33.8	50.6#



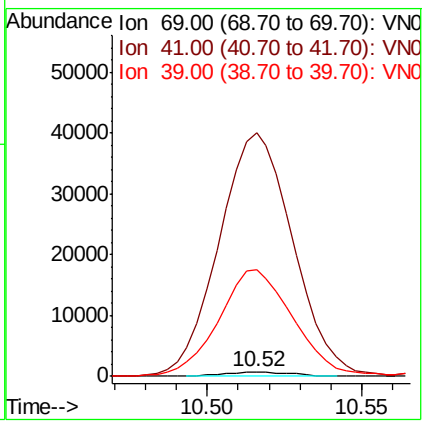


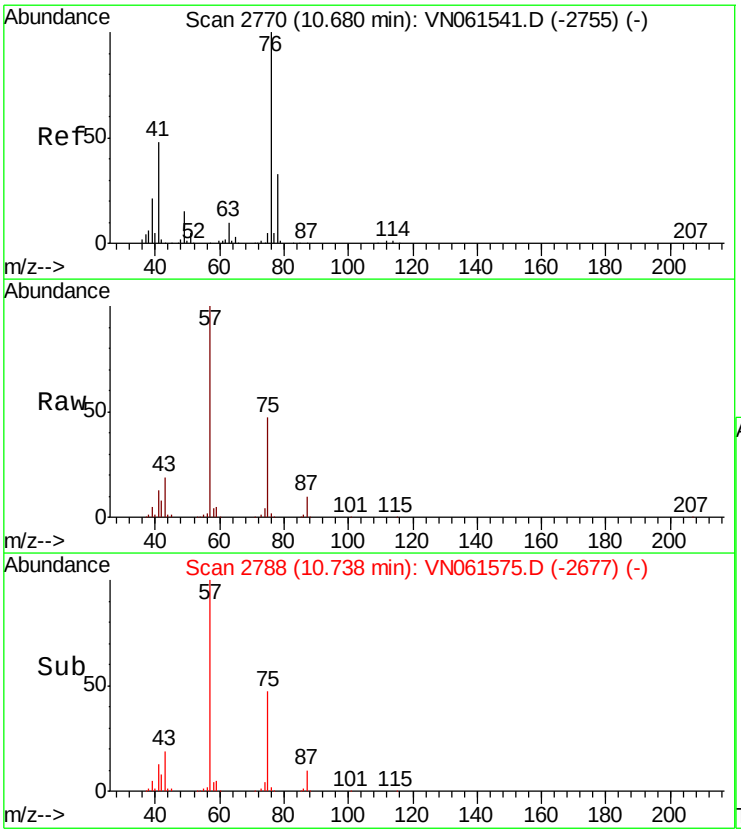
#56
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 10.52 min Scan# 2719
Delta R.T. 0.12 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1074

Ion	Ratio	Lower	Upper
69	100		
41	6220.6	43.5	65.3#
39	2748.3	27.0	40.6#

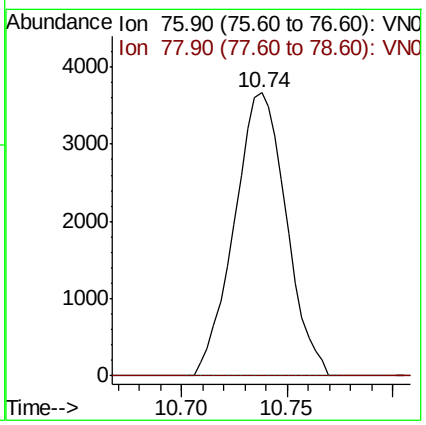


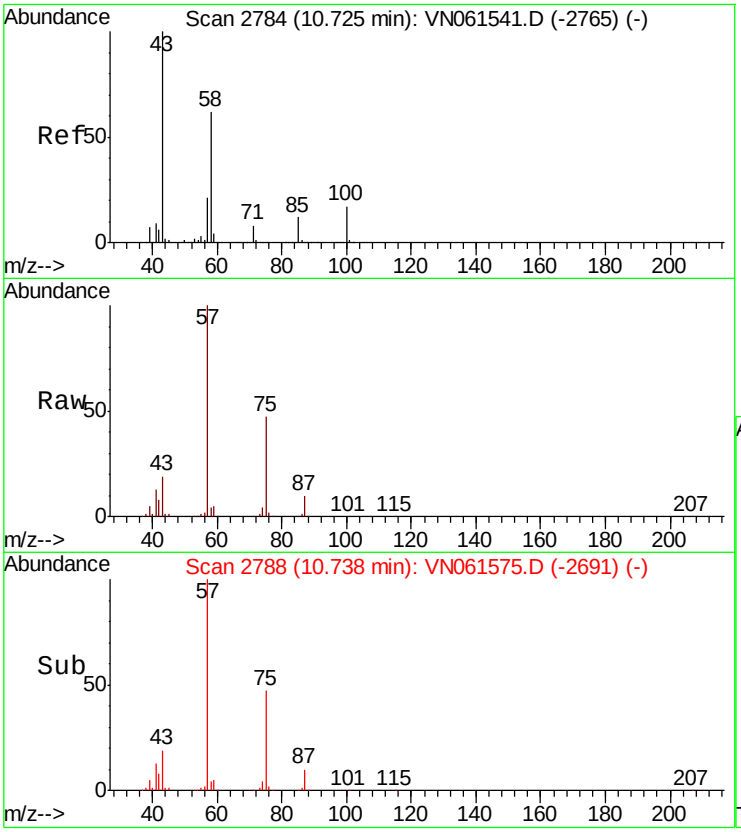


#57
1,3-Dichloropropane
Concen: 1.146 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.06 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 76 Resp: 6281

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.3	39.5#



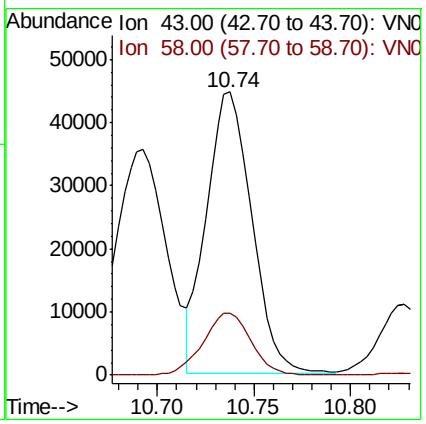


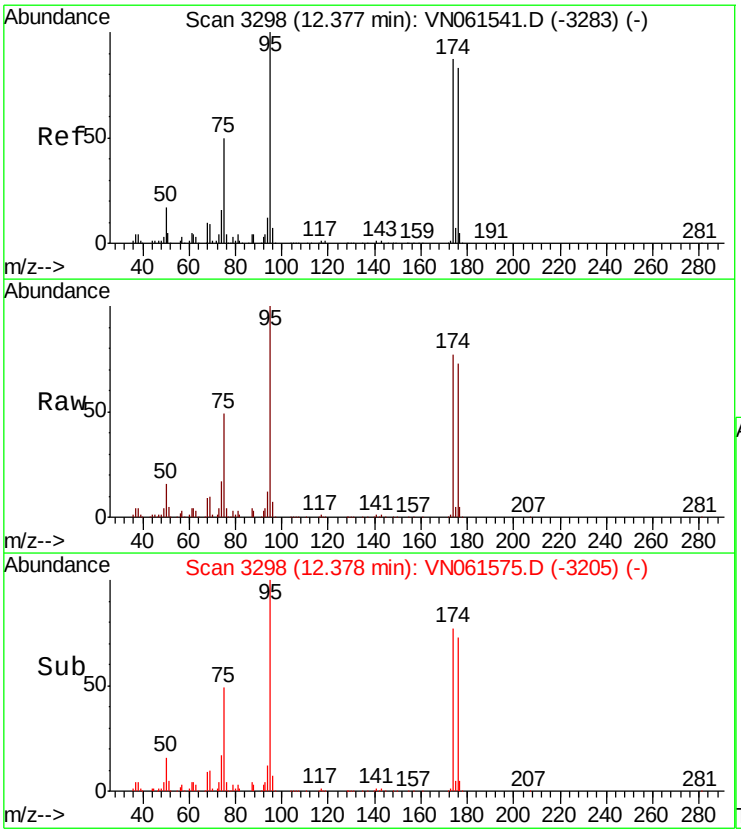
#59
2-Hexanone
Concen: 29.088 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.01 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 72843

Ion	Ratio	Lower	Upper
43	100		
58	23.2	30.7	92.1#

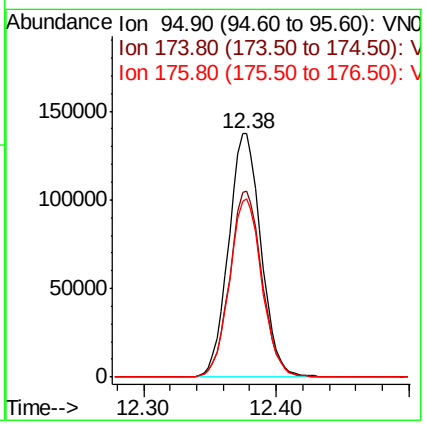


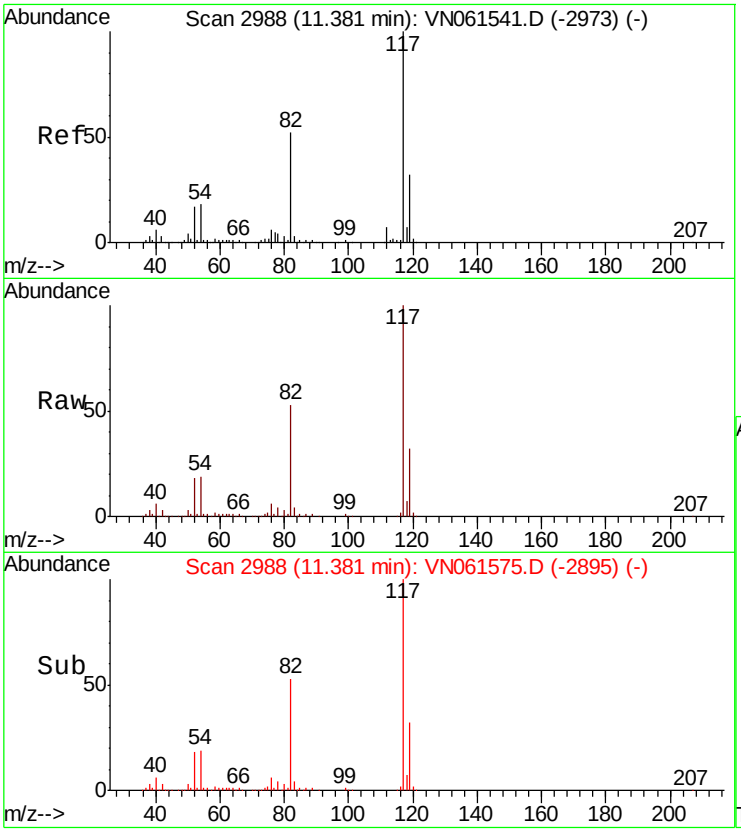


#62
4-Bromofluorobenzene
Concen: 56.393 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 95 Resp: 233299

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	172.8
176	73.1	0.0	164.8



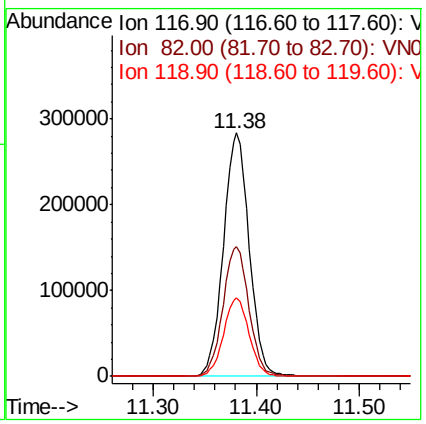


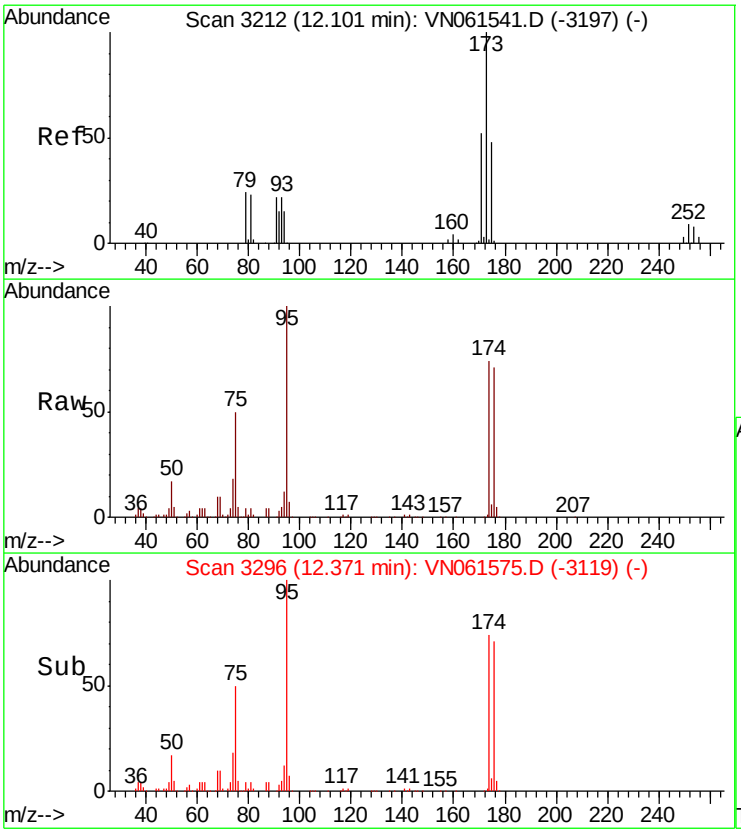
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 493278

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.5	62.3
119	32.2	25.6	38.4

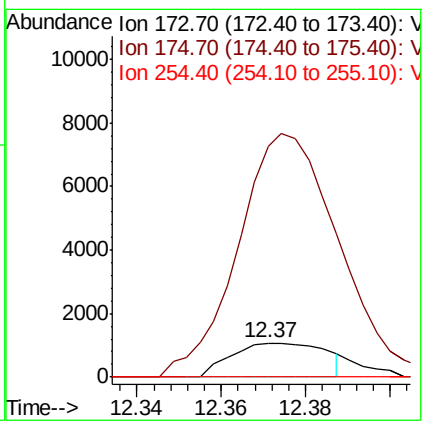


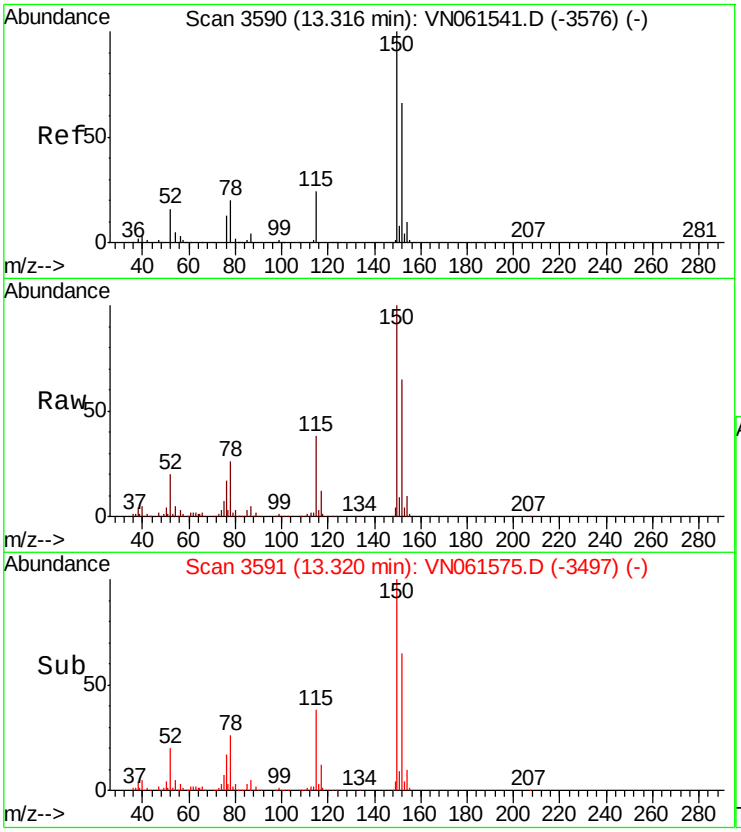


#71
Bromoform
Concen: 0.567 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion:173 Resp: 1668

Ion	Ratio	Lower	Upper
173	100		
175	659.2	24.4	73.2#
254	0.0	0.0	0.0



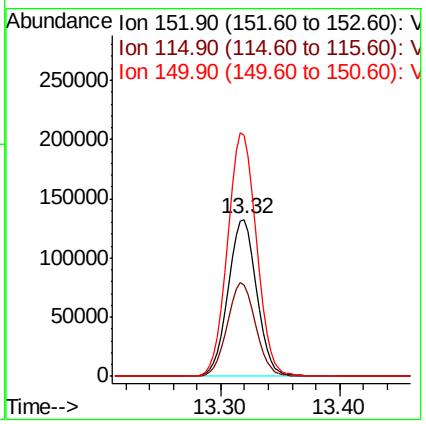


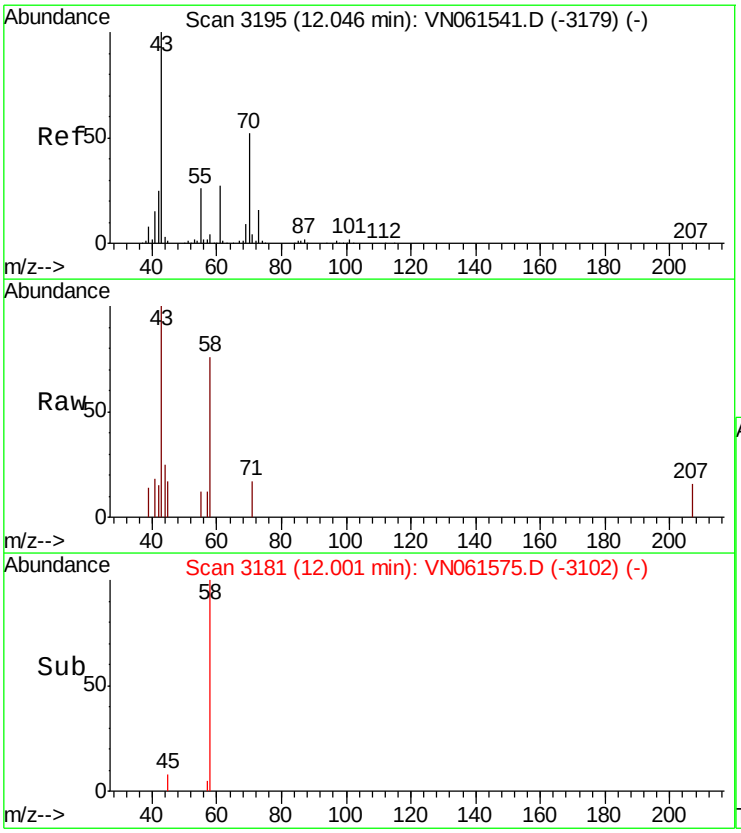
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 220689

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.0	84.0
150	157.5	0.0	344.0

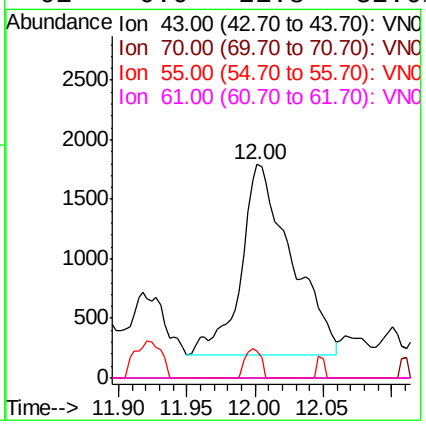


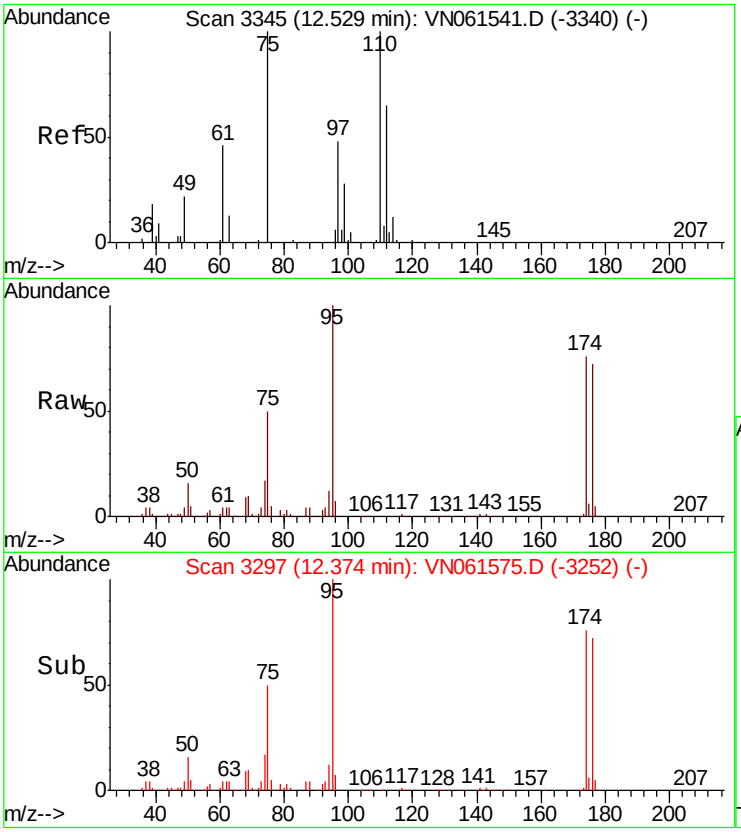


#74
N-amyl acetate
Concen: 0.810 ug/l
RT: 12.00 min Scan# 3181
Delta R.T. -0.04 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion: 43 Resp: 4108

Ion	Ratio	Lower	Upper
43	100		
70	0.0	40.5	60.7#
55	4.7	20.6	31.0#
61	0.0	21.8	32.6#



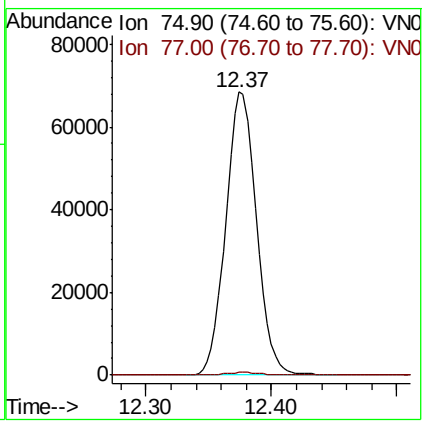


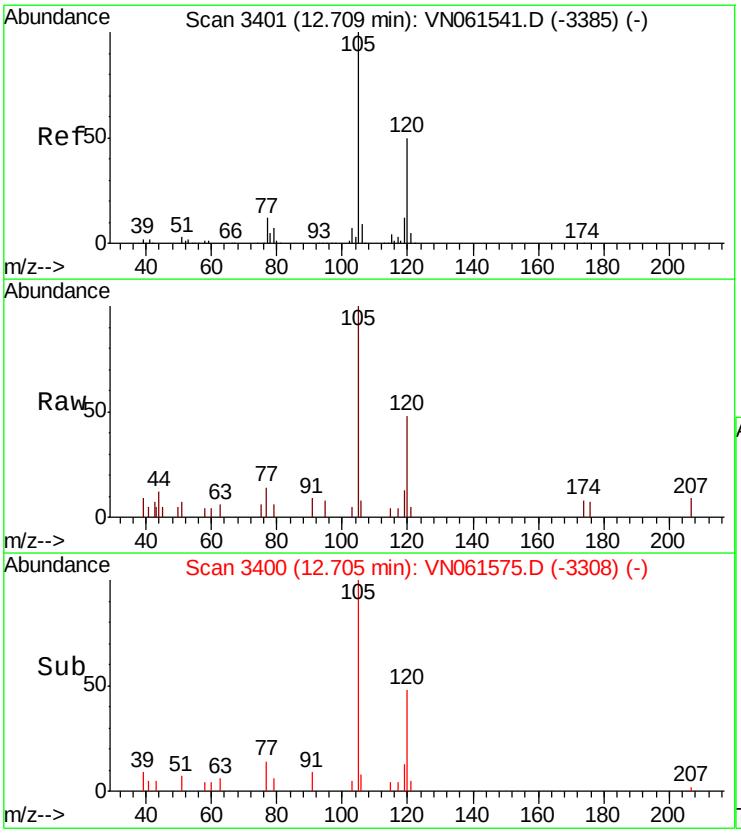
#76
1,2,3-Trichloropropane
Concen: 28.971 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 116259

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

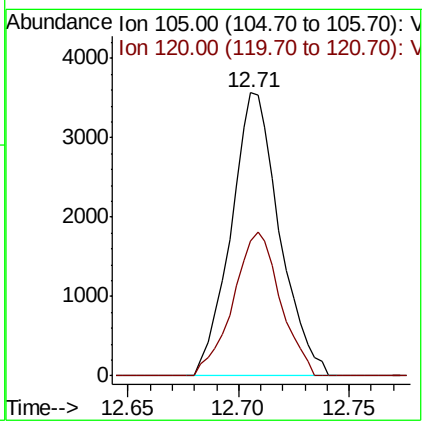


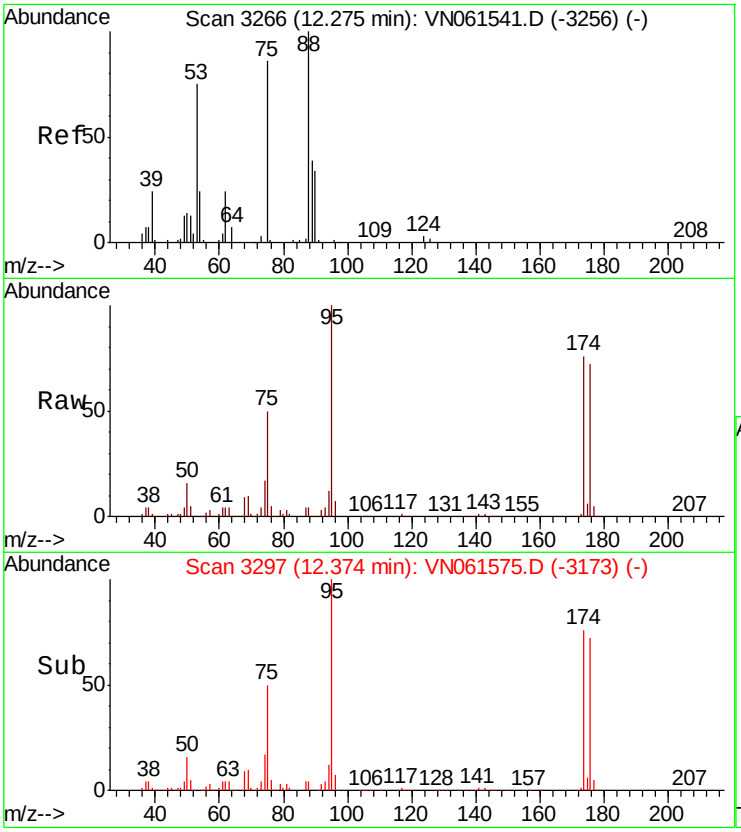


#80
1,3,5-Trimethylbenzene
Concen: 0.404 ug/l
RT: 12.71 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Tgt Ion:105 Resp: 5439

Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.1	75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 74.086 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061575.D
Acq: 29 May 2020 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 116259

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.8	101.8#
89	0.0	37.1	55.7#