Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061503.D
Acq On : 20 May 2020 16:17
Operator : JC/MD
Sample : L2720-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Quant Time: May 21 01:10:41 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	244689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158530	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.82%			
35) Dibromofluoromethane	7.55	113	123210	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.60%			
50) Toluene-d8	10.06	98	532736	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
62) 4-Bromofluorobenzene	12.38	95	197512	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	991	0.299	ug/l #	78
5) Bromomethane	2.54	94	1043	Below Cal	#	64
10) Methyl Iodide	3.91	142	857	0.294	ug/l #	64
13) Acrolein	3.59	56	29	Below Cal	#	16
16) Acetone	3.78	43	1567	Below Cal		99
17) Carbon Disulfide	4.01	76	1700	Below Cal	#	75
18) Methyl Acetate	4.27	43	30	Below Cal	#	49
25) 2-Butanone	6.80	43	692	0.416	ug/l #	46
31) Cyclohexane	7.62	56	2820	Below Cal	#	18
36) 1,1-Dichloropropene	7.62	75	19526	4.777	ug/l #	50
38) Carbon Tetrachloride	7.63	117	24458	6.498	ug/l #	15
51) 4-Methyl-2-Pentanone	9.96	43	1229	0.349	ug/l #	83
59) 2-Hexanone	10.73	43	2053	0.806	ug/l	79
68) m/p-Xylenes	11.59	106	1500	0.253	ug/l	90
71) Bromoform	12.38	173	1517	2.630	ug/l #	1
74) N-amyl acetate	12.05	43	1457	0.289	ug/l #	73
76) 1,2,3-Trichloropropane	12.38	75	102990	27.959	ug/l #	100
77) Bromobenzene	12.50	156	644	0.215	ug/l	67
81) trans-1,4-Dichloro-2-buten	12.38	75	102990	74.170	ug/l #	12
87) 1,3-Dichlorobenzene	13.26	146	1447	0.264	ug/l	96
88) 1,4-Dichlorobenzene	13.26	146	1447	0.264	ug/l	95
89) n-Butylbenzene	13.59	91	3177	0.301	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	1502	0.286	ug/l	92
93) 1,2,4-Trichlorobenzene	14.89	180	2185	0.767	ug/l	92
94) Hexachlorobutadiene	14.99	225	1047	0.828	ug/l	87
95) Naphthalene	15.11	128	9995	1.104	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2531	0.893	ug/l	96

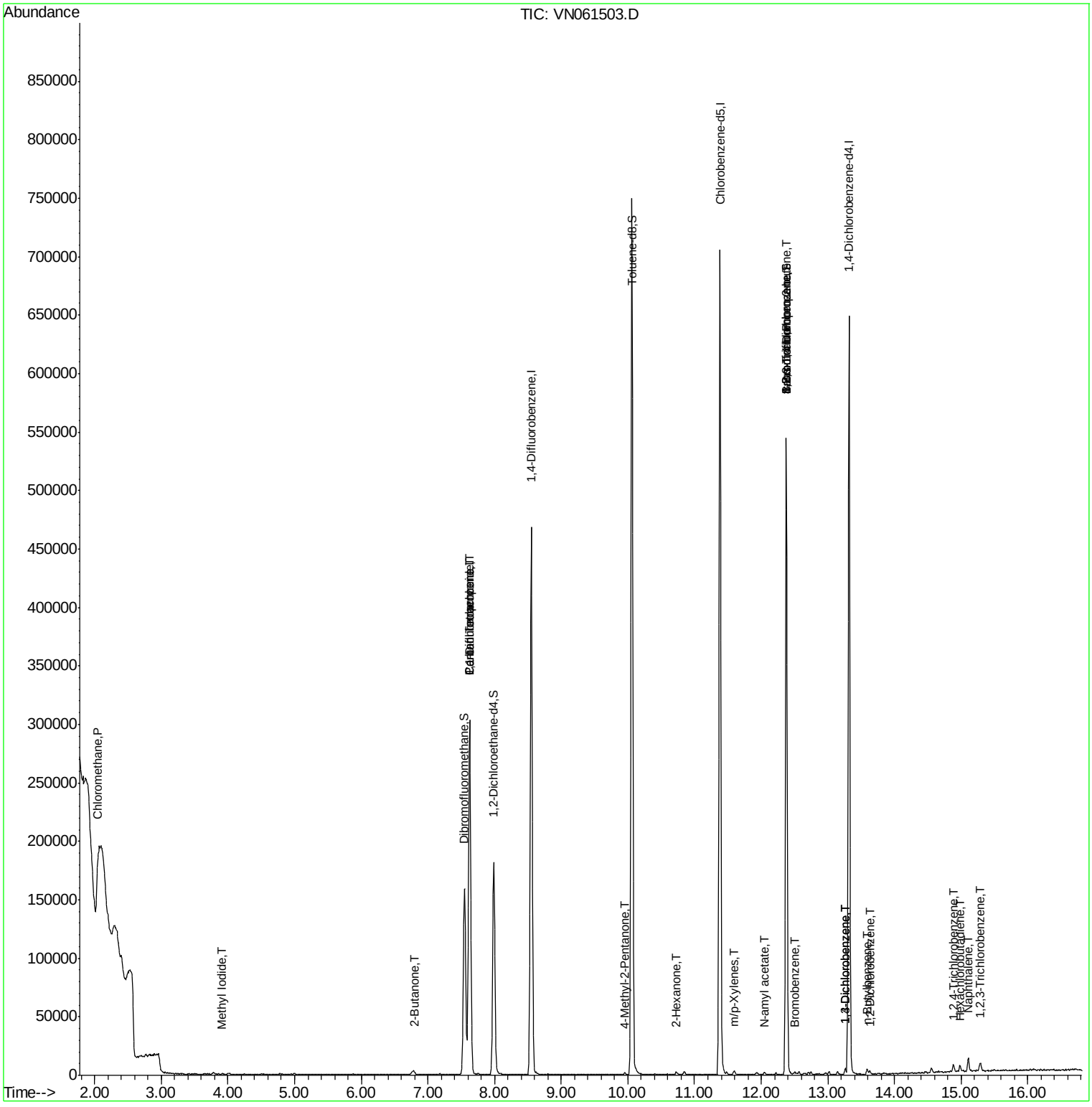
(#) = qualifier out of range (m) = manual integration (+) = signals summed

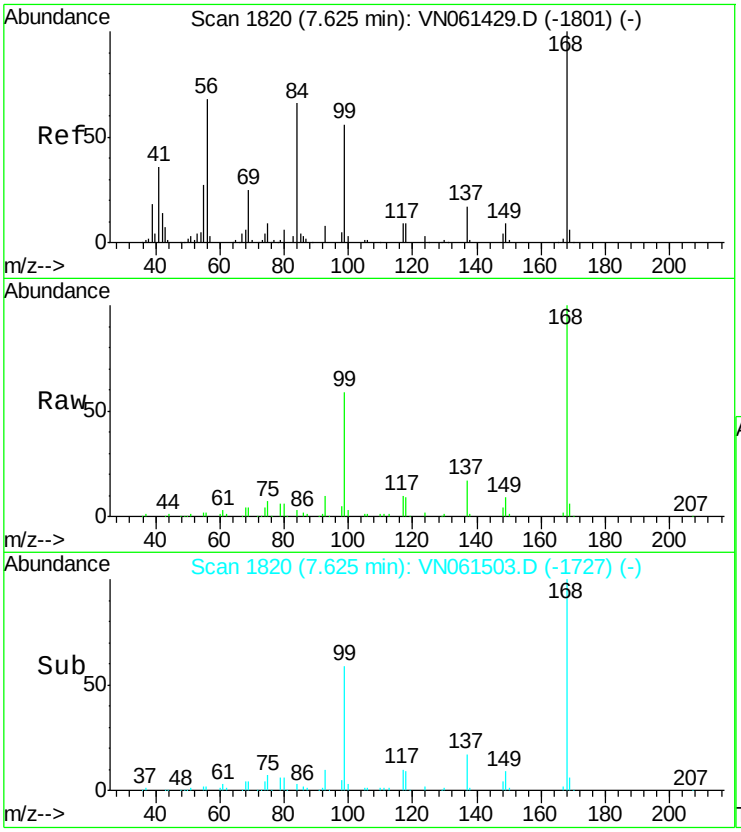
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061503.D
Acq On : 20 May 2020 16:17
Operator : JC/MD
Sample : L2720-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Quant Time: May 21 01:10:41 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



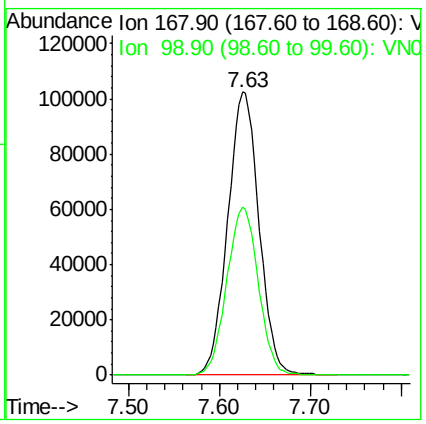


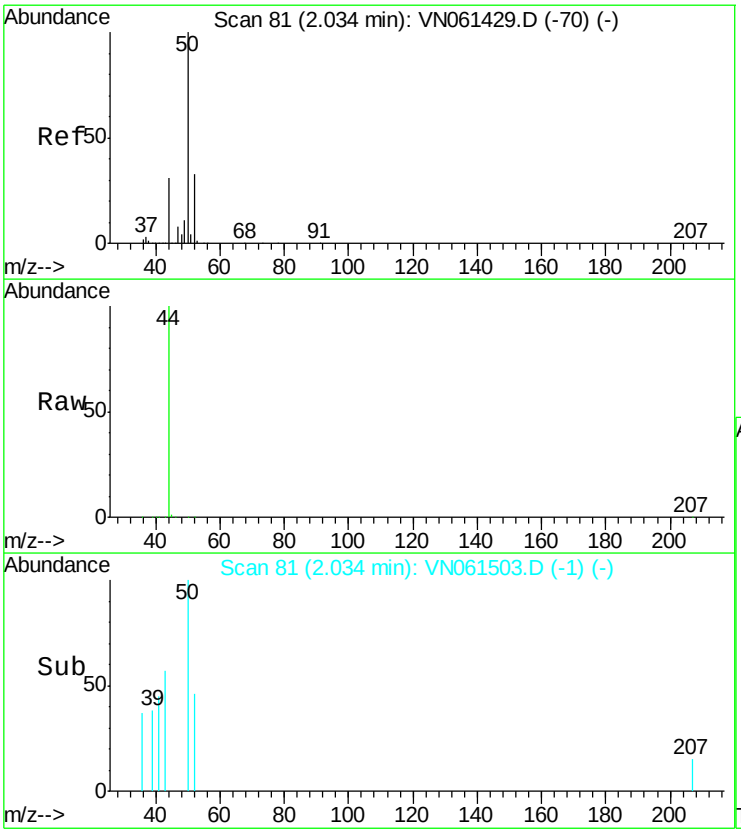
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:168 Resp: 244689

Ion	Ratio	Lower	Upper
168	100		
99	59.3	51.1	76.7

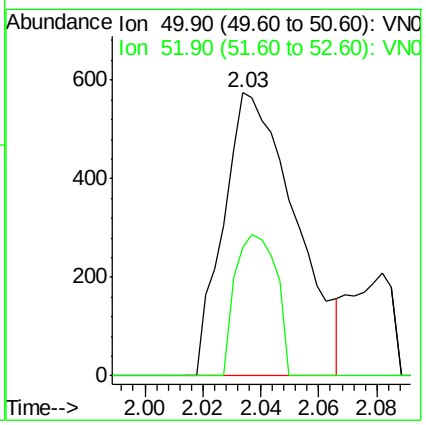


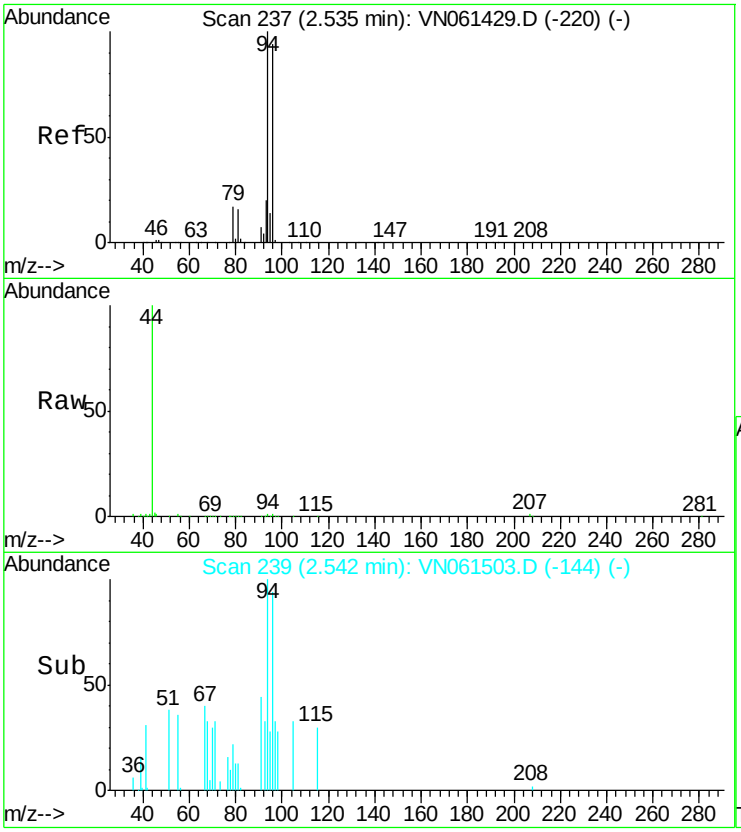


#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 50 Resp: 991

Ion	Ratio	Lower	Upper
50	100		
52	45.6	26.7	40.1#



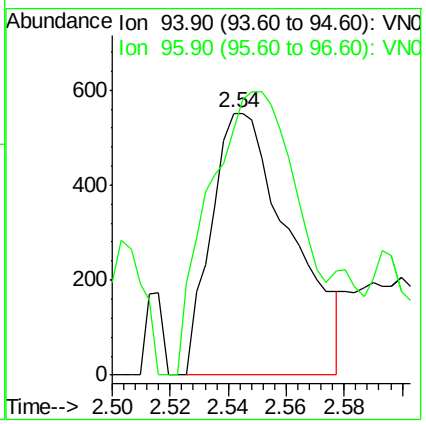


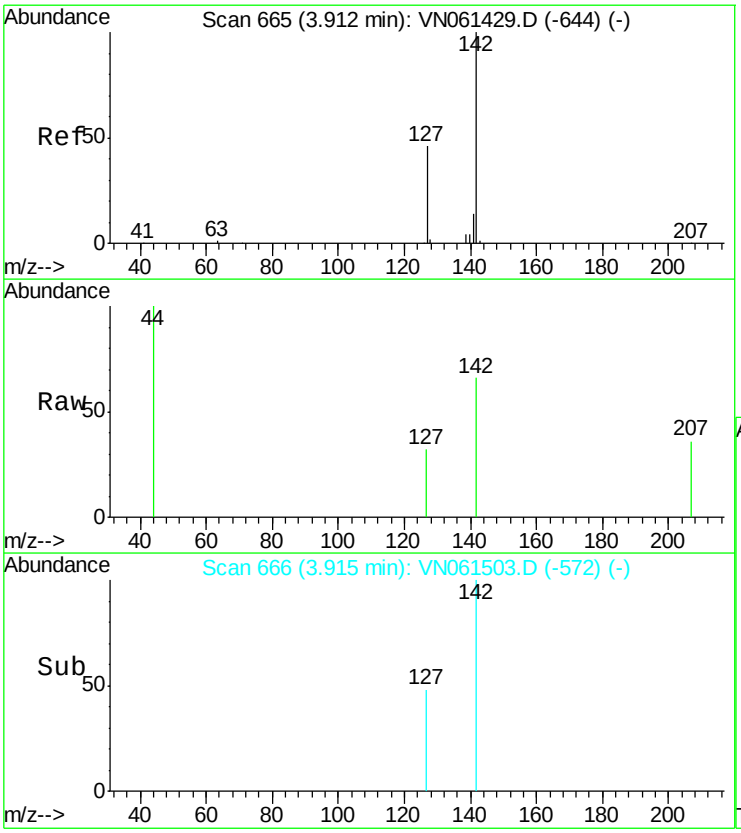
#5
Bromomethane
Concen: Below Cal
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion: 94 Resp: 1043

Ion	Ratio	Lower	Upper
94	100		
96	58.7	74.9	112.3#

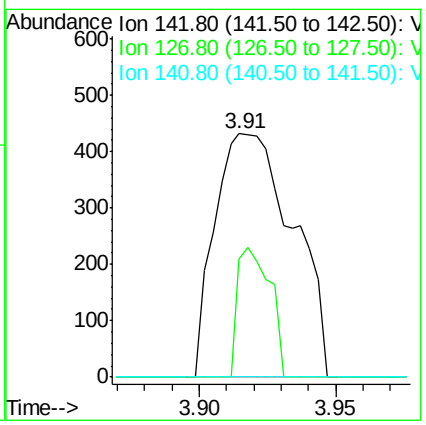


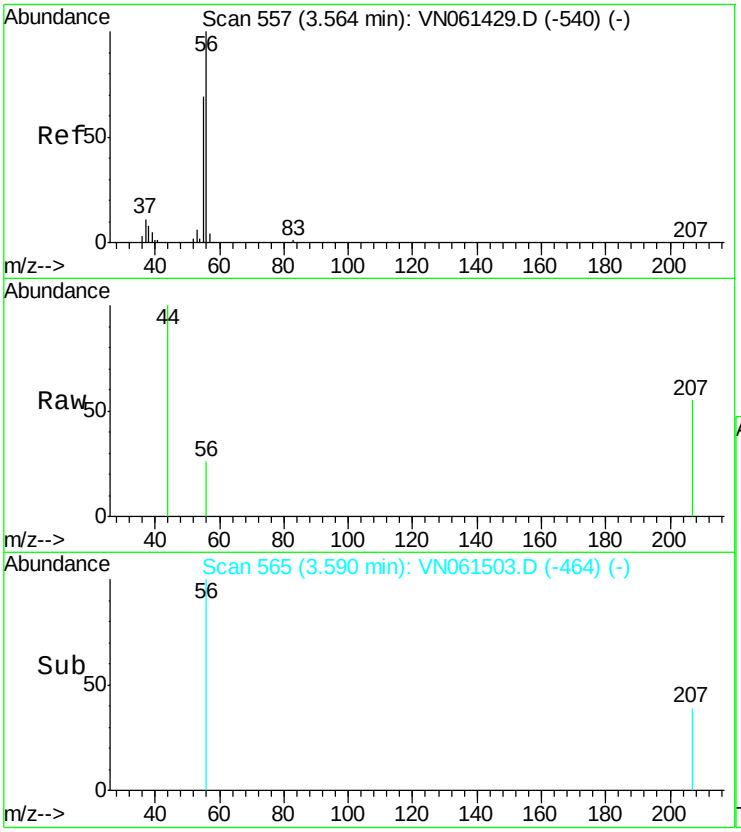


#10
Methyl Iodide
Concen: 0.294 ug/l
RT: 3.91 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:142 Resp: 857

Ion	Ratio	Lower	Upper
142	100		
127	22.2	36.7	55.1#
141	0.0	11.5	17.3#



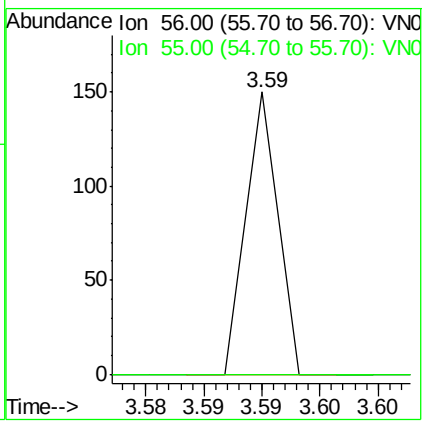


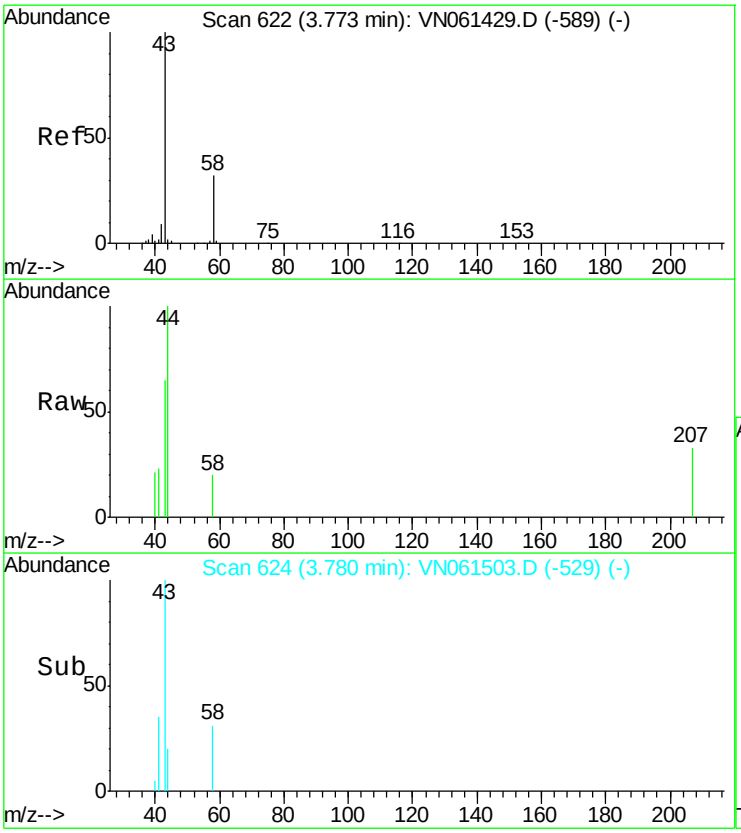
#13
Acrolein
Concen: Below Cal
RT: 3.59 min Scan# 565
Delta R.T. 0.03 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.8	82.2#

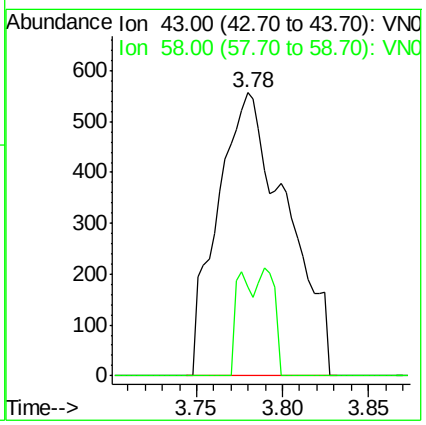


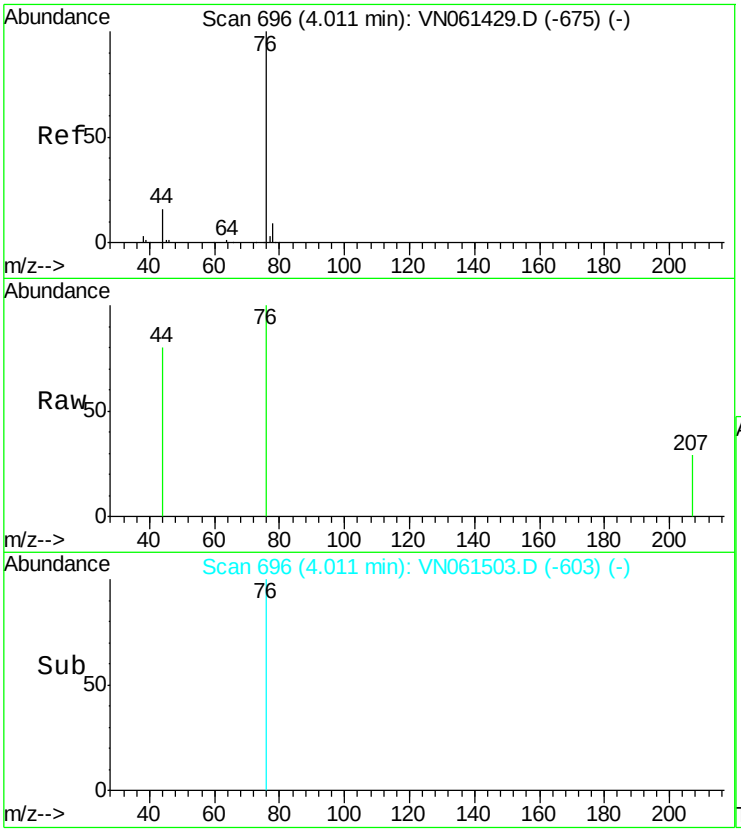


#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 43 Resp: 1567

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.6	38.4



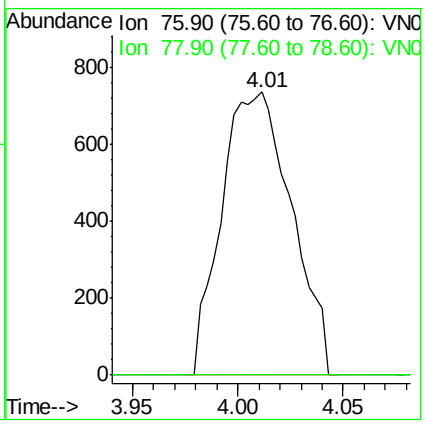


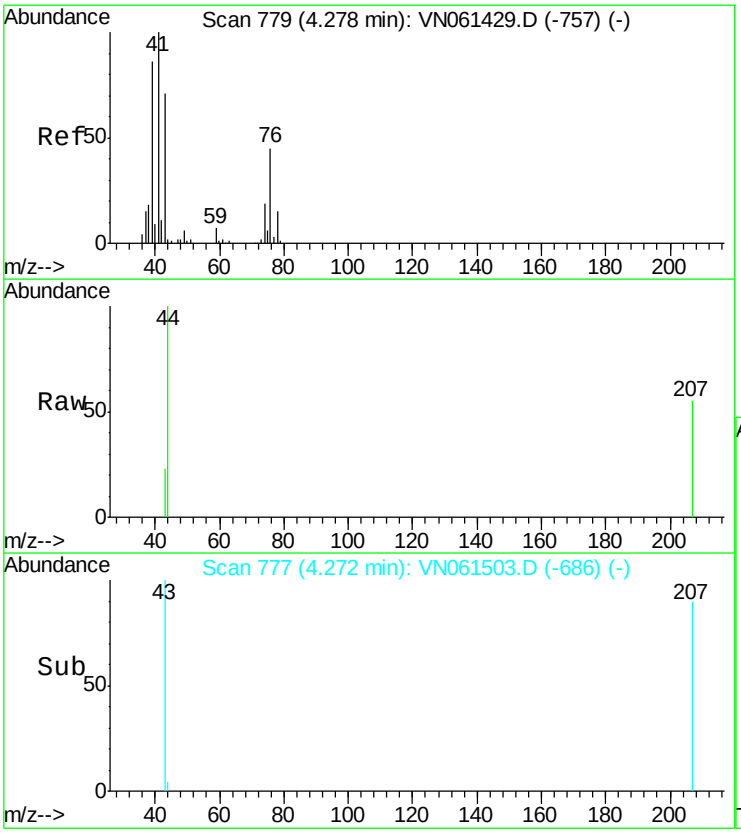
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion: 76 Resp: 1700

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

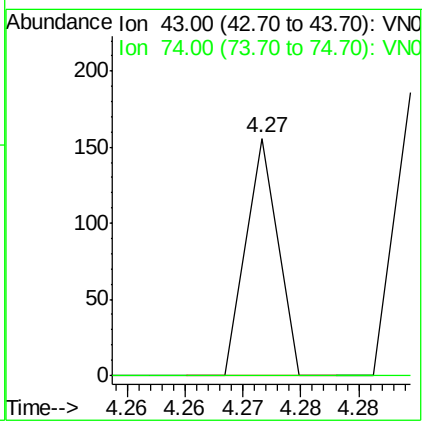


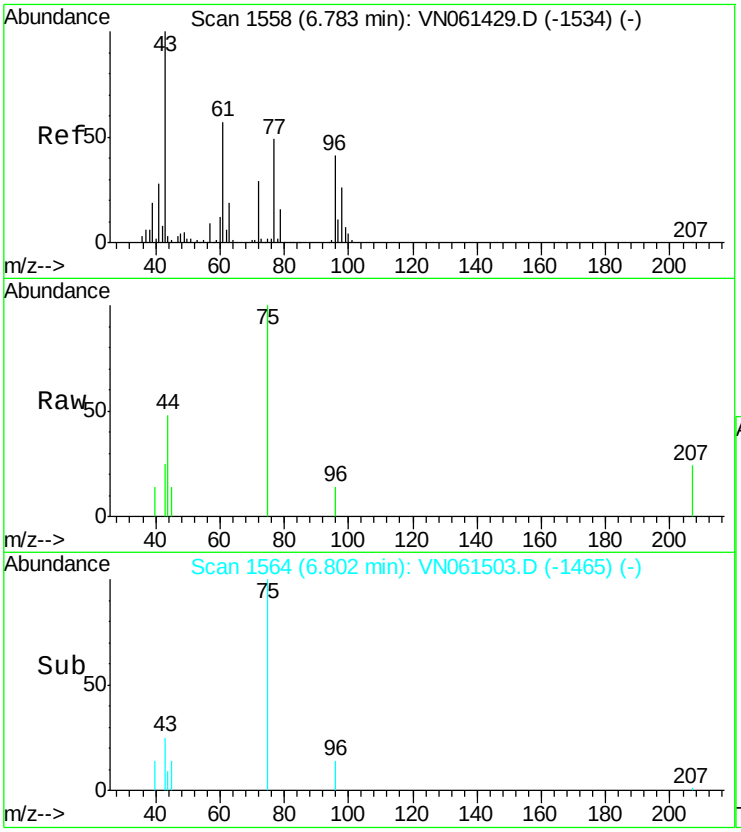


#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 43 Resp: 30

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#



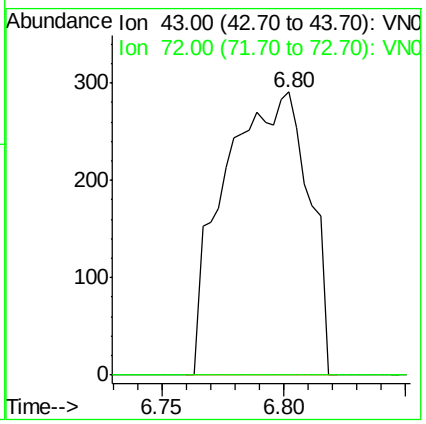


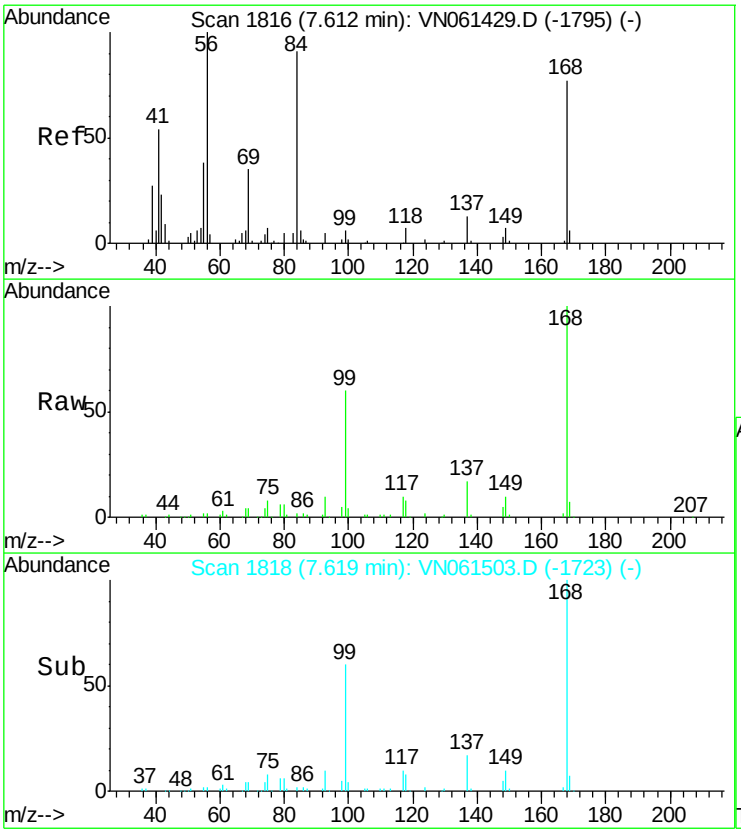
#25
2-Butanone
Concen: 0.416 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion: 43 Resp: 692

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

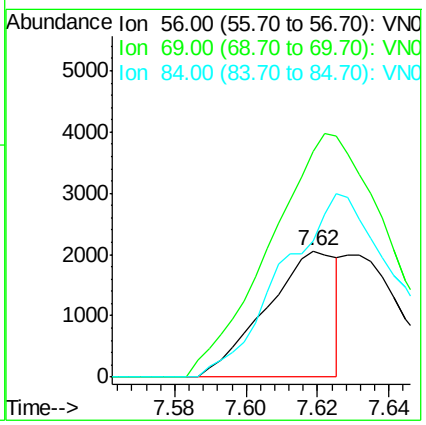


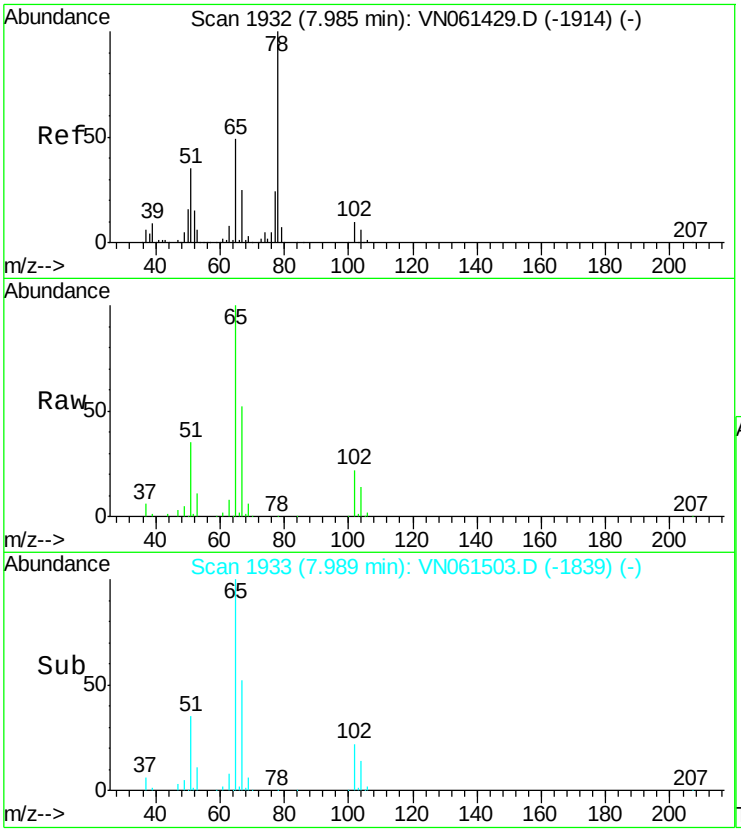


#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 56 Resp: 2820

Ion	Ratio	Lower	Upper
56	100		
69	179.2	27.8	41.6#
84	107.6	72.7	109.1



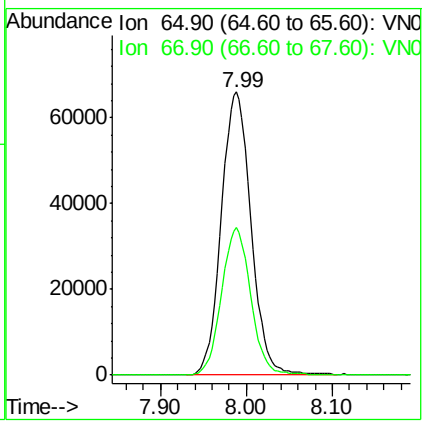


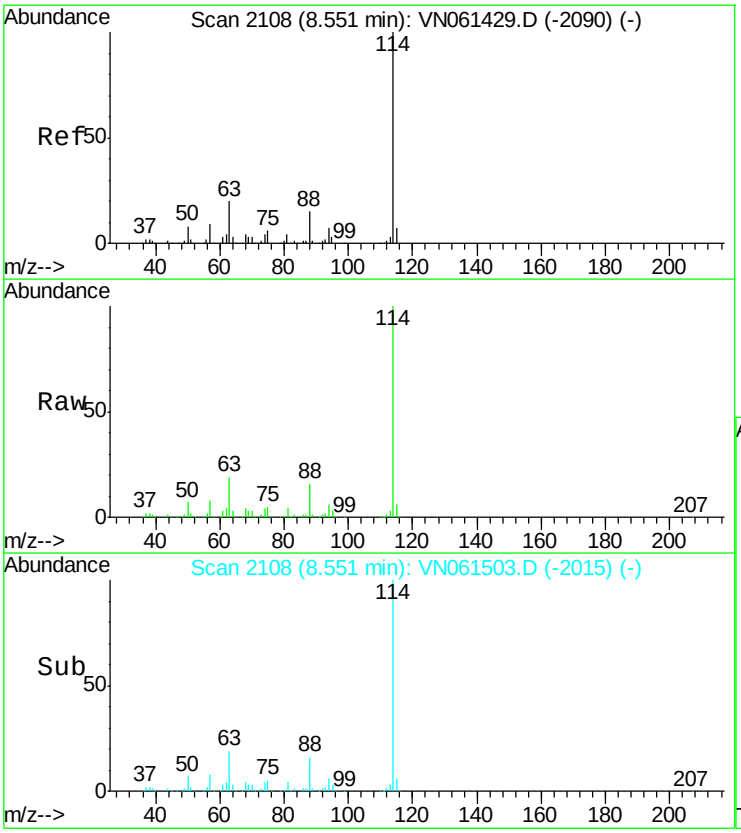
#33
1,2-Dichloroethane-d4
Concen: 43.411 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion: 65 Resp: 158530

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.4

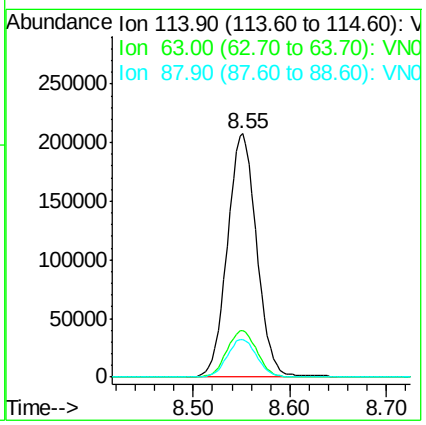


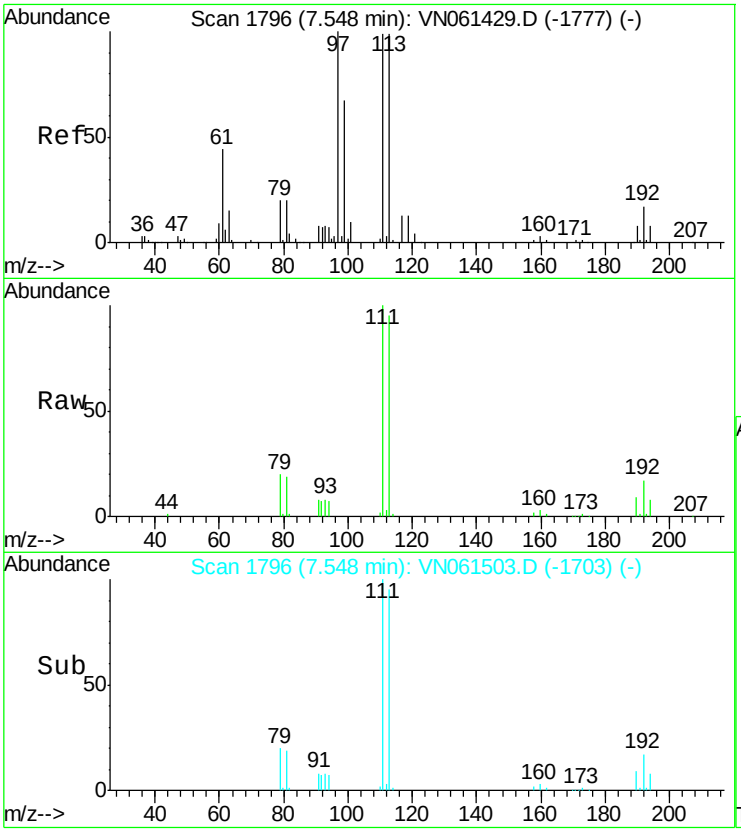


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:114 Resp: 437184

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	15.6	0.0	30.8



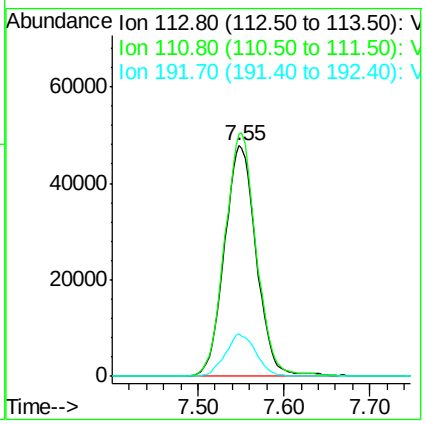


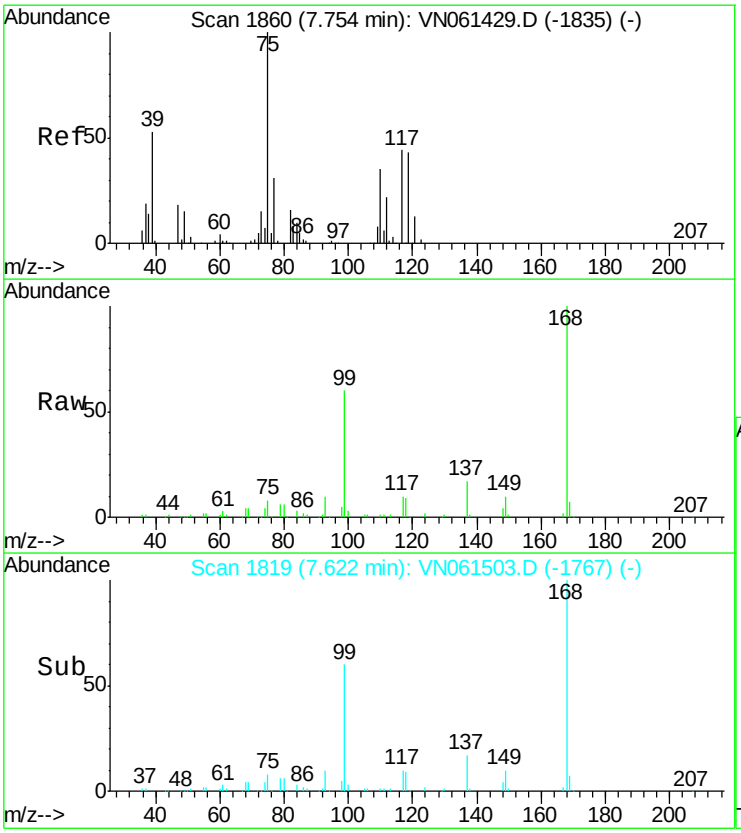
#35
Dibromofluoromethane
Concen: 53.797 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion:113 Resp: 123210

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.6	121.0
192	17.6	13.2	19.8

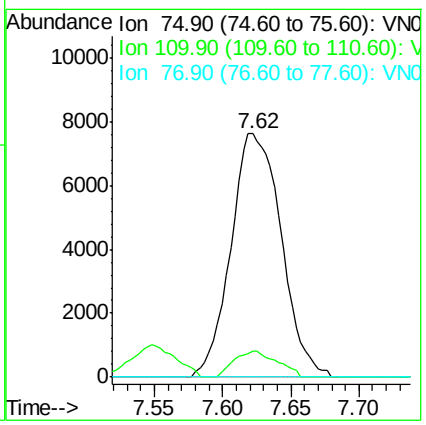


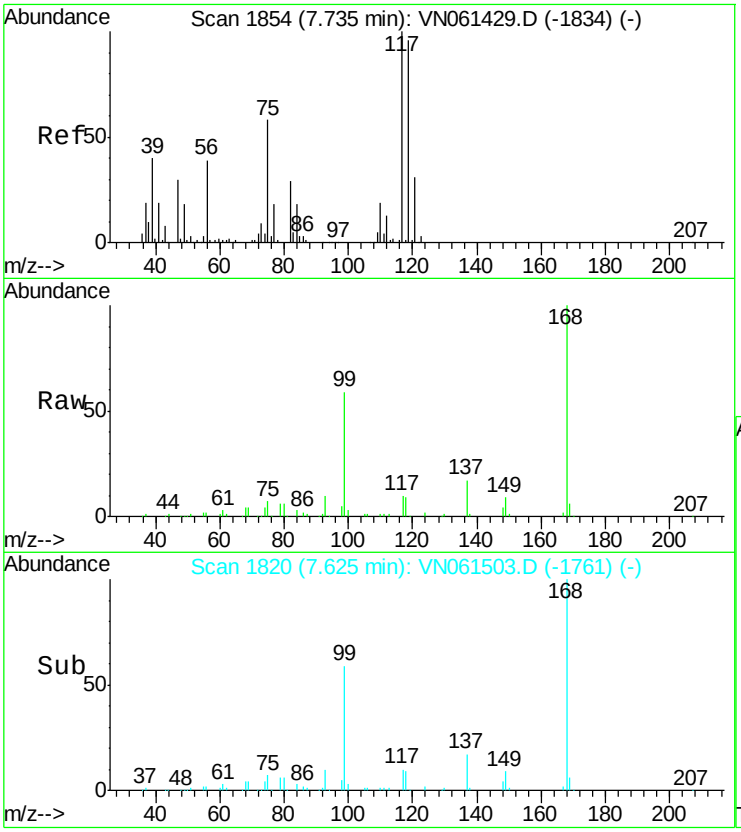


#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.13 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 75 Resp: 19526

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.9#
77	0.0	24.9	37.3#



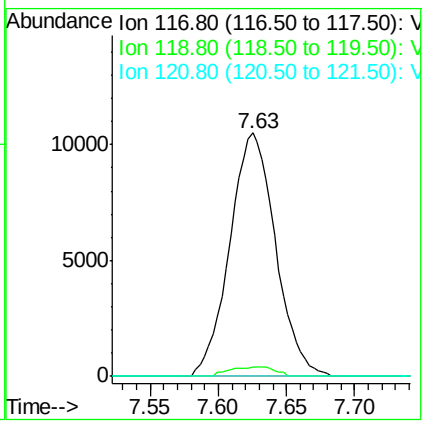


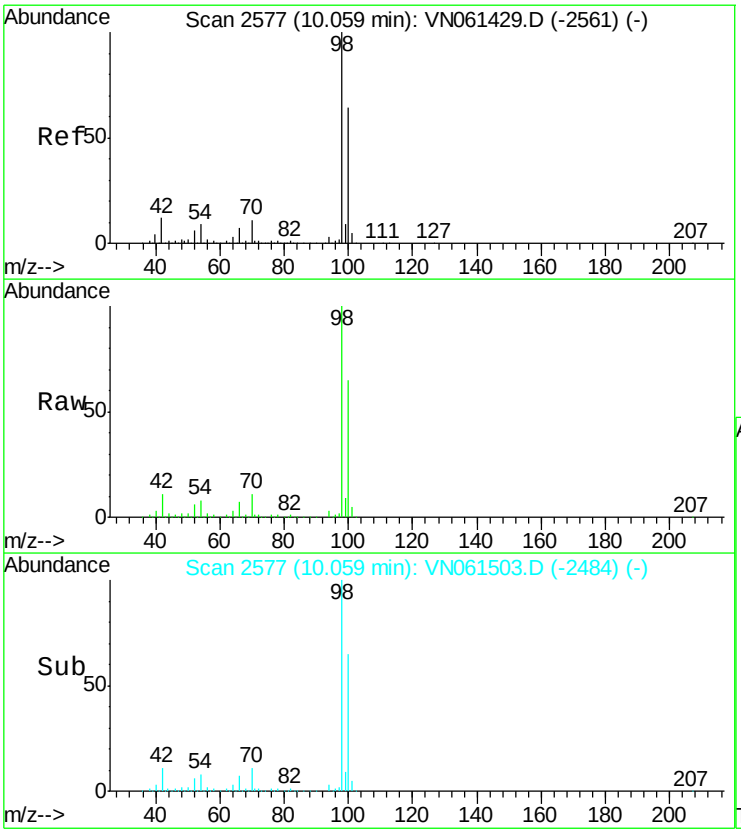
#38
Carbon Tetrachloride
Concen: 6.498 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:117 Resp: 24458

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.0	115.6#
121	0.0	24.7	37.1#

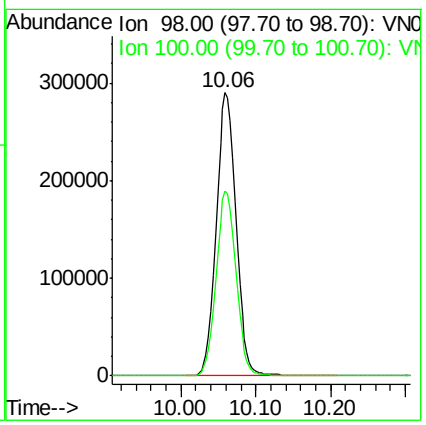


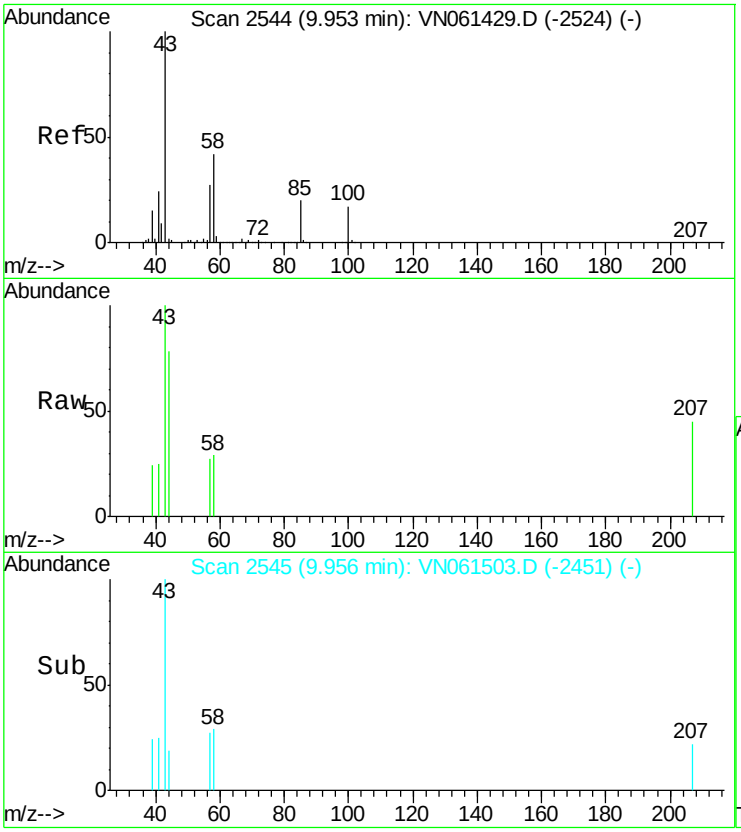


#50
Toluene-d8
Concen: 50.150 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 98 Resp: 532736

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.8



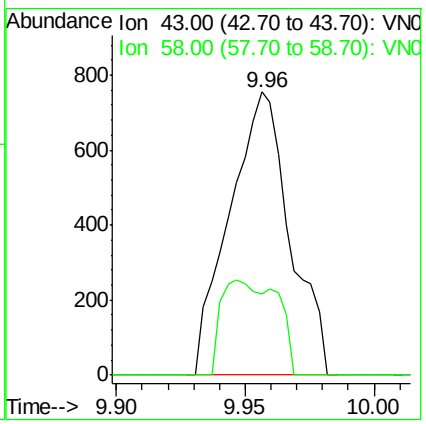


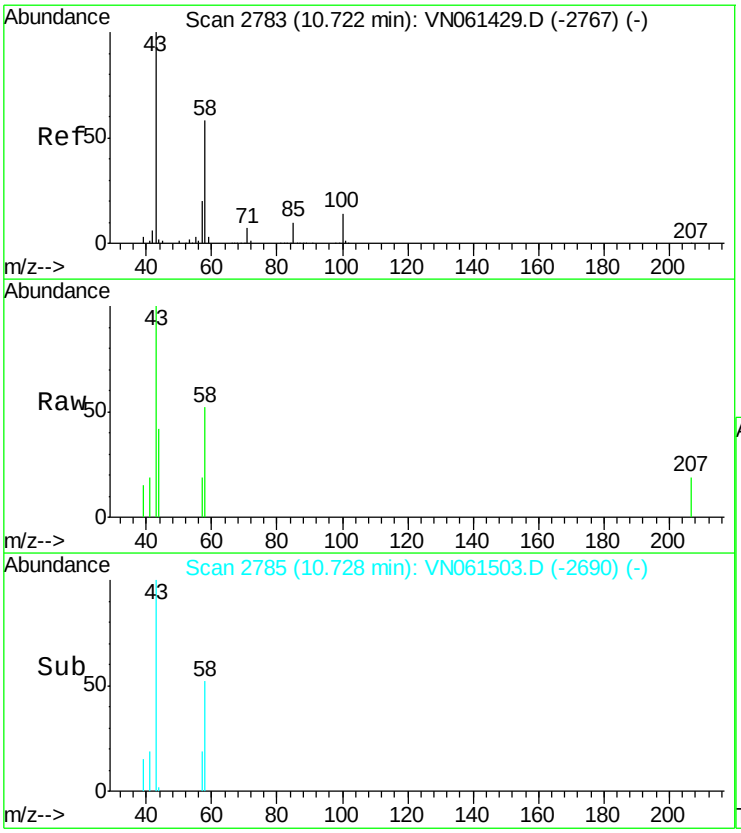
#51
4-Methyl-2-Pentanone
Concen: 0.349 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
58	31.2	33.4	50.2#

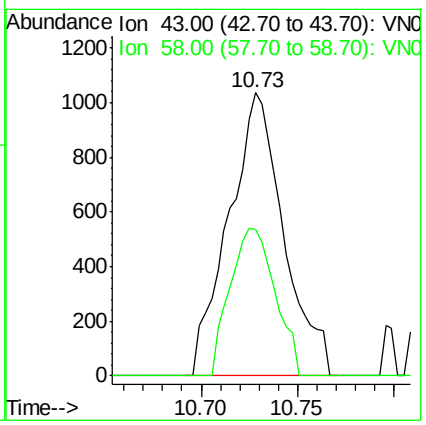


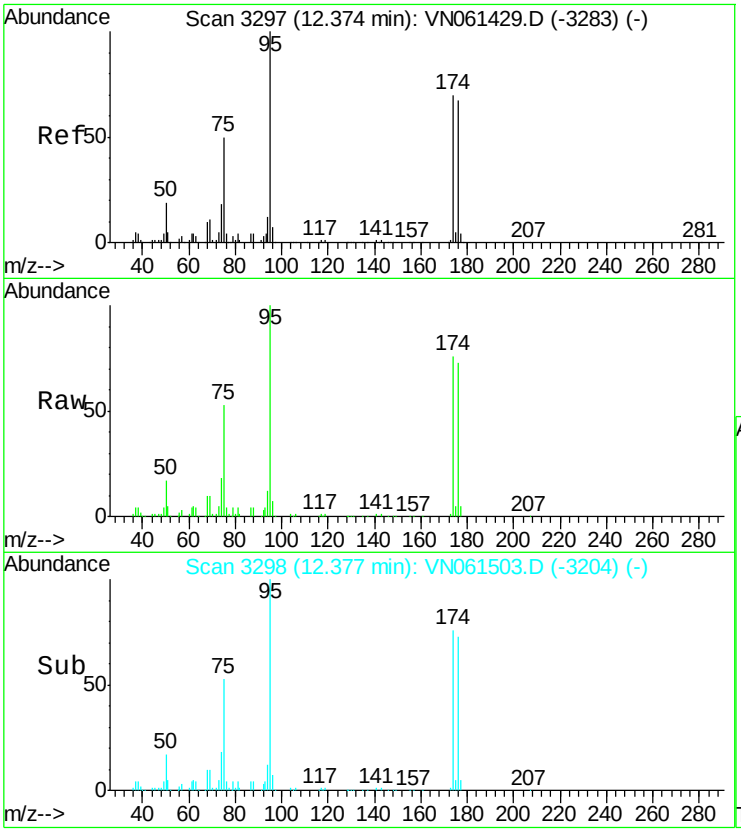


#59
2-Hexanone
Concen: 0.806 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 43 Resp: 2053

Ion	Ratio	Lower	Upper
43	100		
58	42.7	29.2	87.6



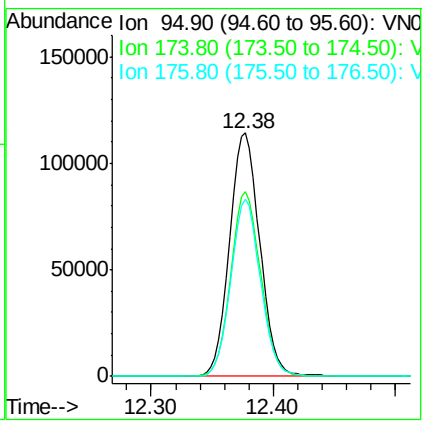


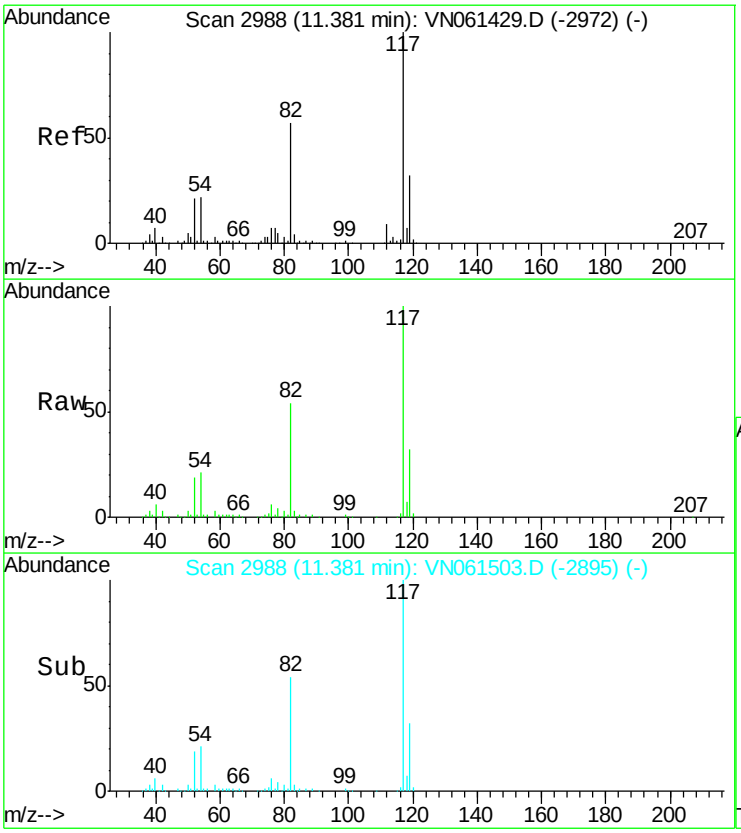
#62
4-Bromofluorobenzene
Concen: 49.766 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion: 95 Resp: 197512

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	141.2
176	71.2	0.0	137.6

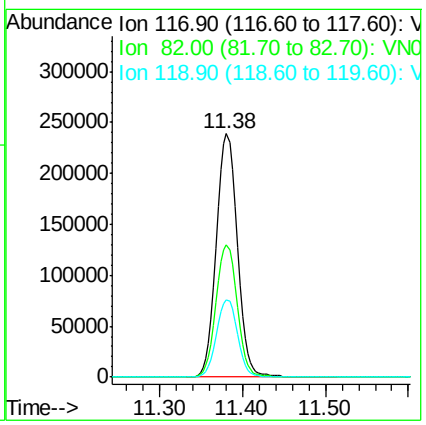


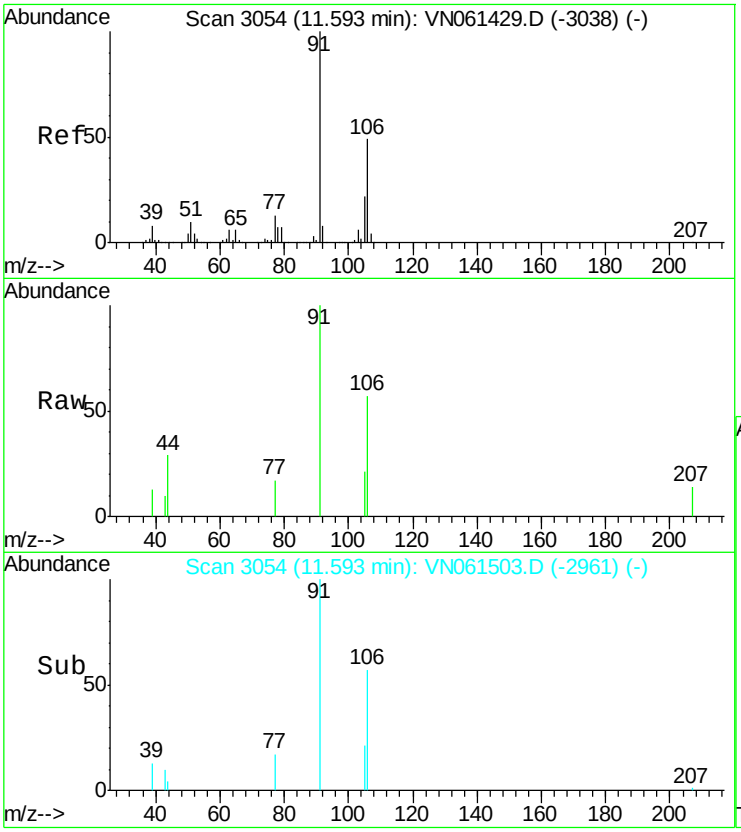


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:117 Resp: 419764

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.2	67.8
119	31.8	25.3	37.9



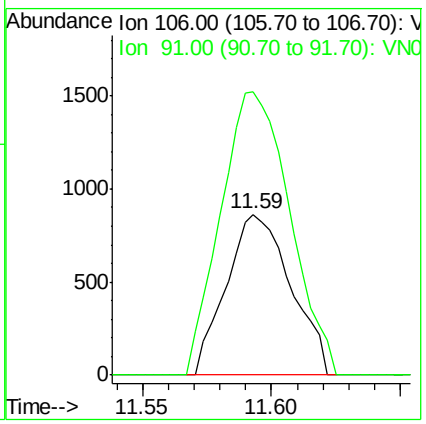


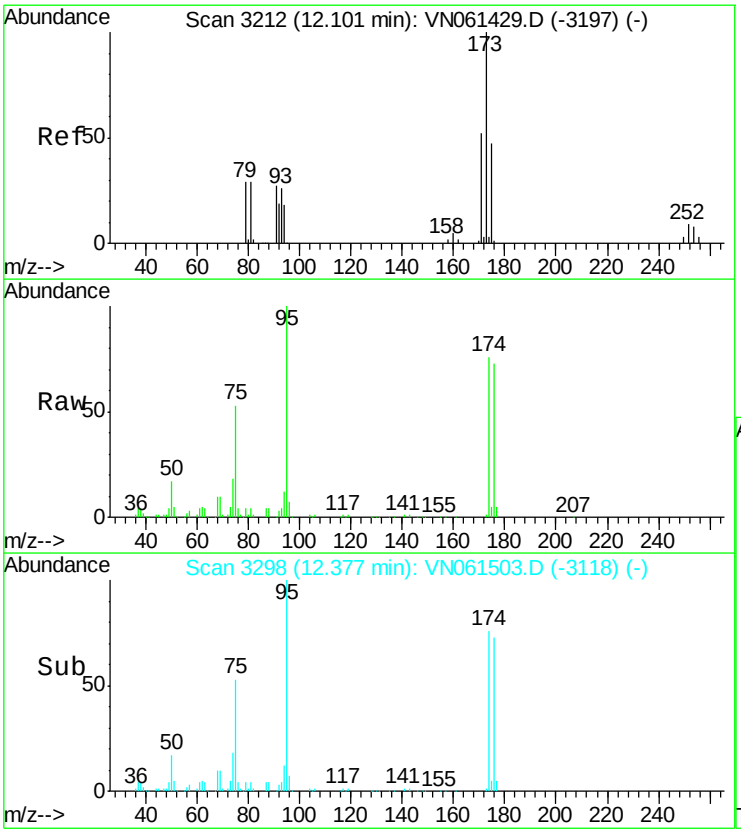
#68
m/p-Xylenes
Concen: 0.253 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion:106 Resp: 1500

Ion	Ratio	Lower	Upper
106	100		
91	189.1	163.0	244.6

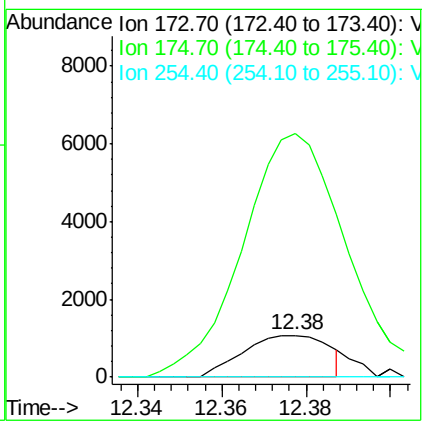


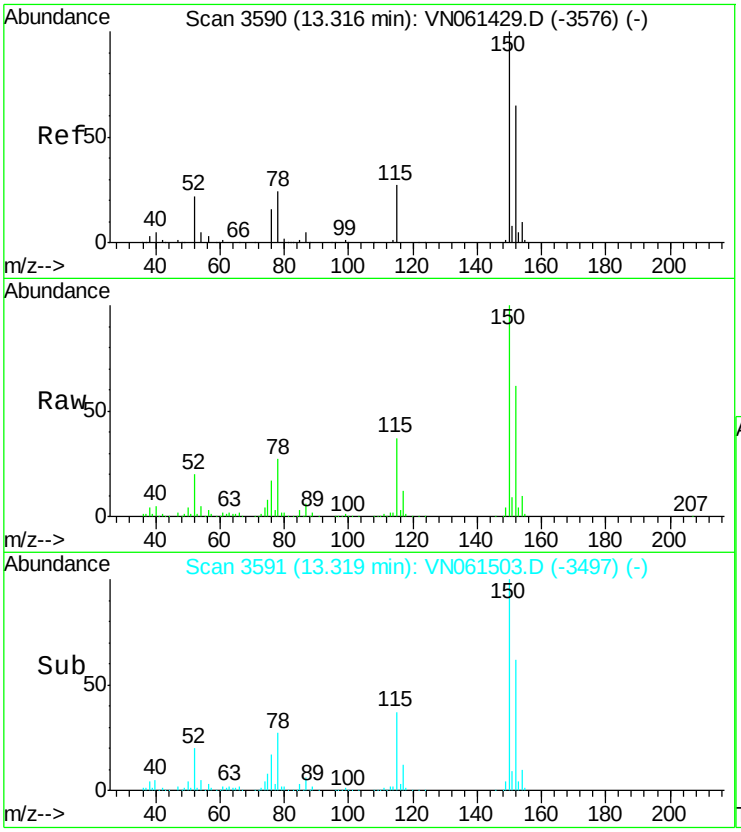


#71
Bromoform
Concen: 2.630 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:173 Resp: 1517

Ion	Ratio	Lower	Upper
173	100		
175	589.7	23.9	71.8#
254	0.0	0.0	0.0



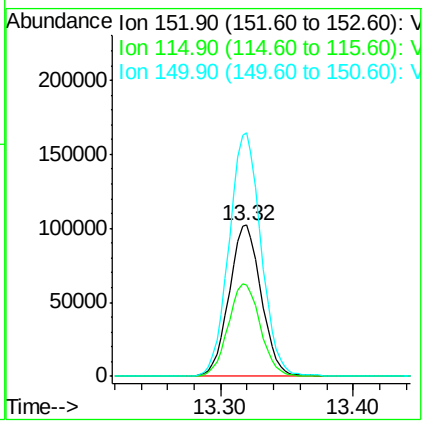


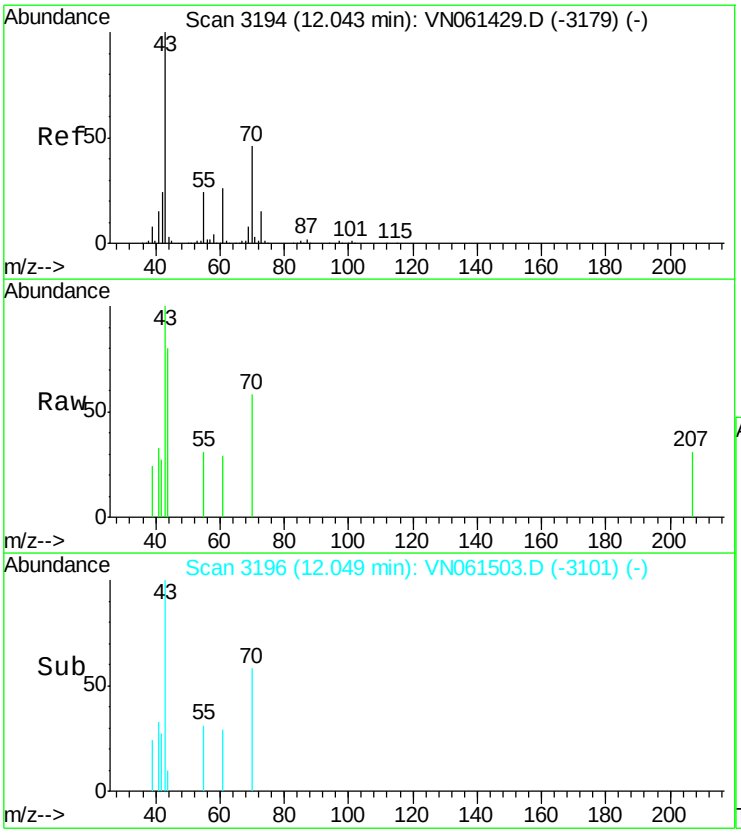
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:152 Resp: 171668

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.9	92.5
150	161.0	0.0	349.2

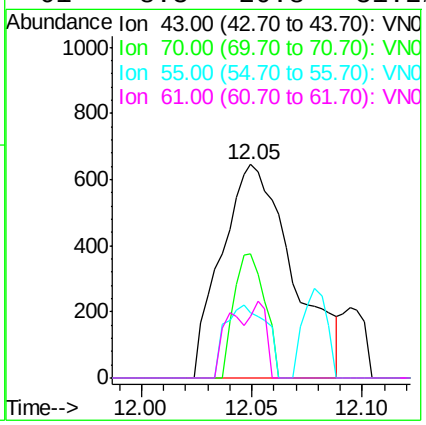


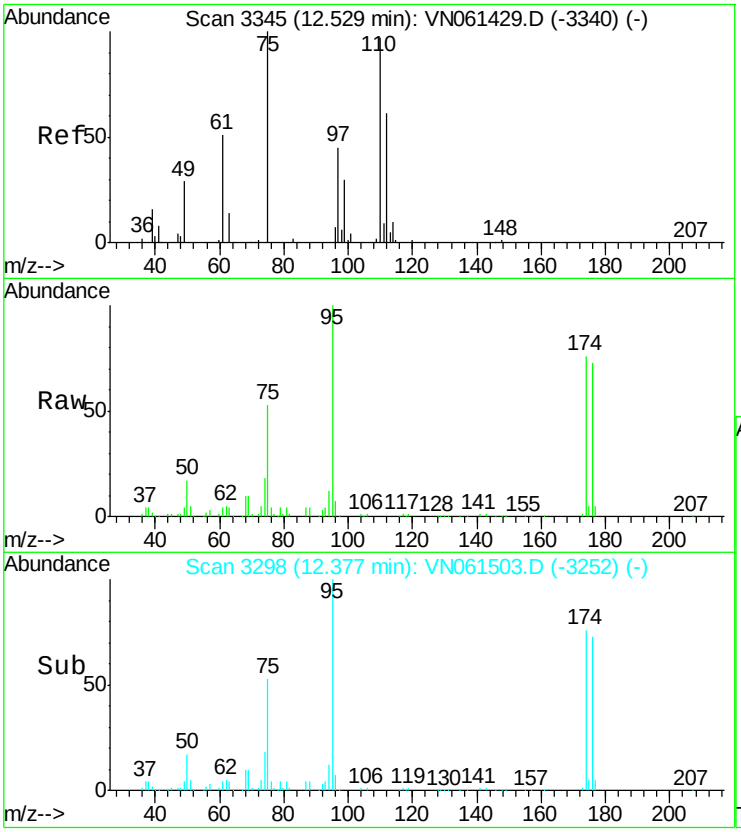


#74
N-amyl acetate
Concen: 0.289 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
70	25.3	37.0	55.4#
55	19.6	19.5	29.3
61	8.3	20.8	31.2#



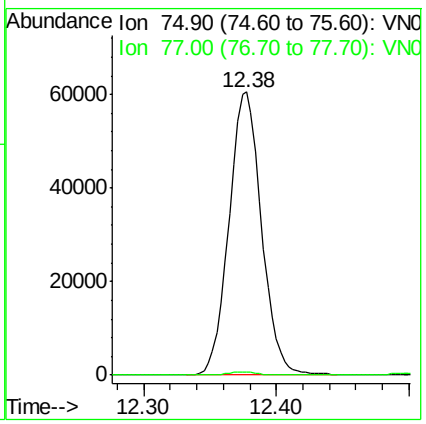


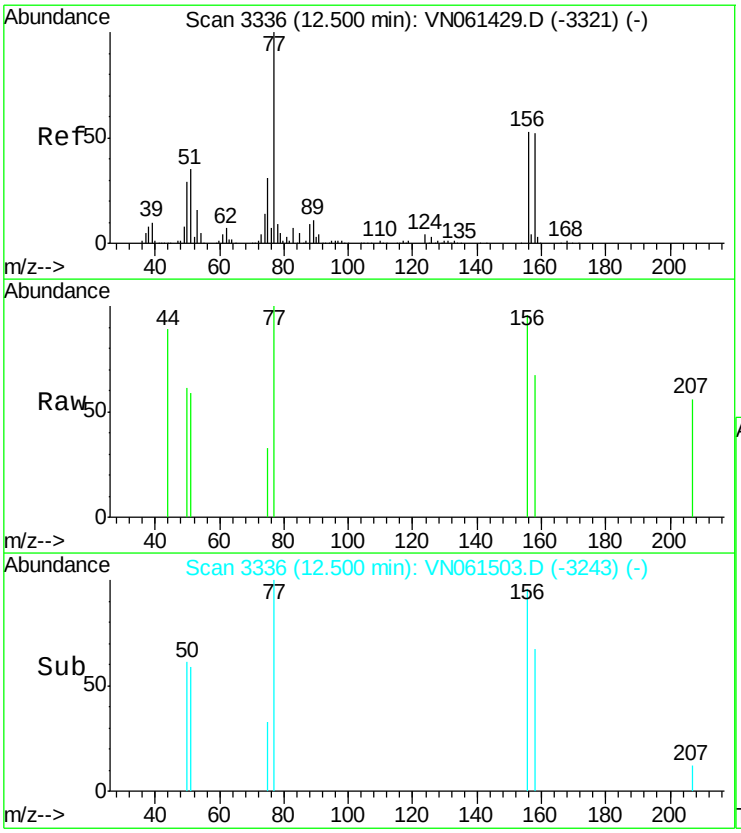
#76
1,2,3-Trichloropropane
Concen: 27.959 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument : MSVOA_N
ClientSampleId : S32-TB-2020-4

Tgt Ion: 75 Resp: 102990

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

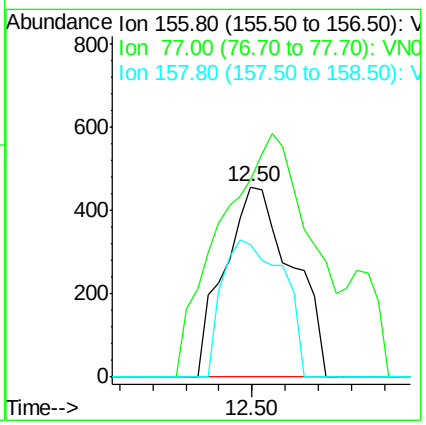


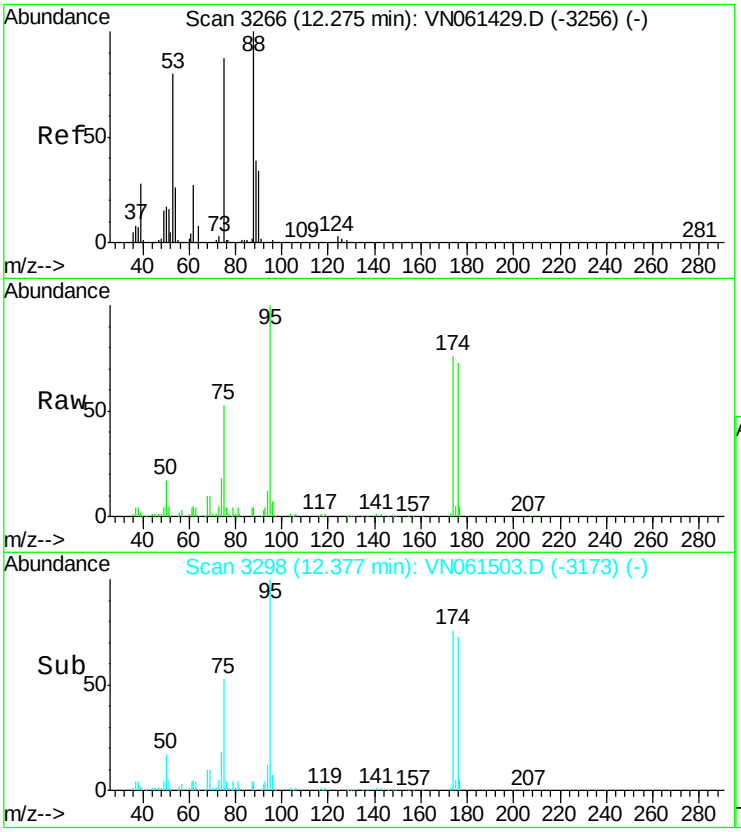


#77
Bromobenzene
Concen: 0.215 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:156 Resp: 644

Ion	Ratio	Lower	Upper
156	100		
77	168.9	112.3	336.9
158	64.8	47.9	143.6



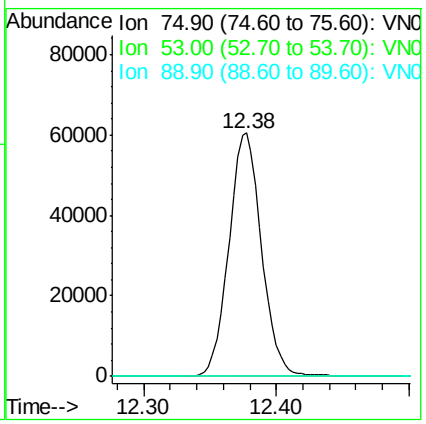


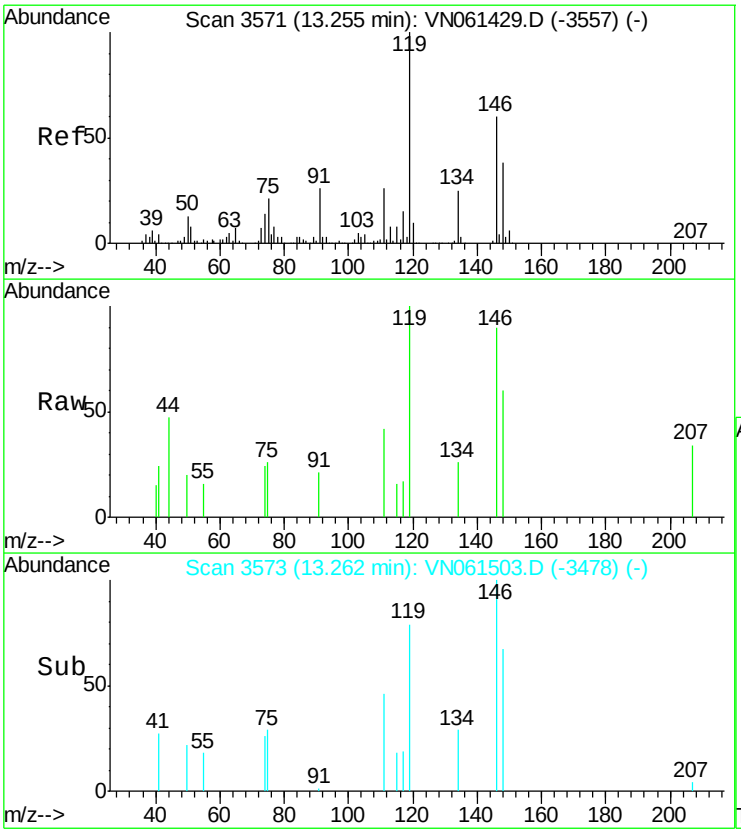
#81
trans-1,4-Dichloro-2-butene
Concen: 74.170 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion: 75 Resp: 102990

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

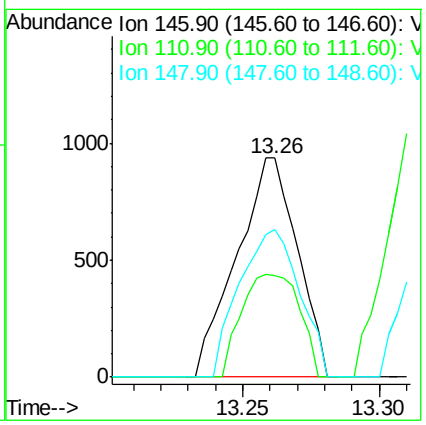


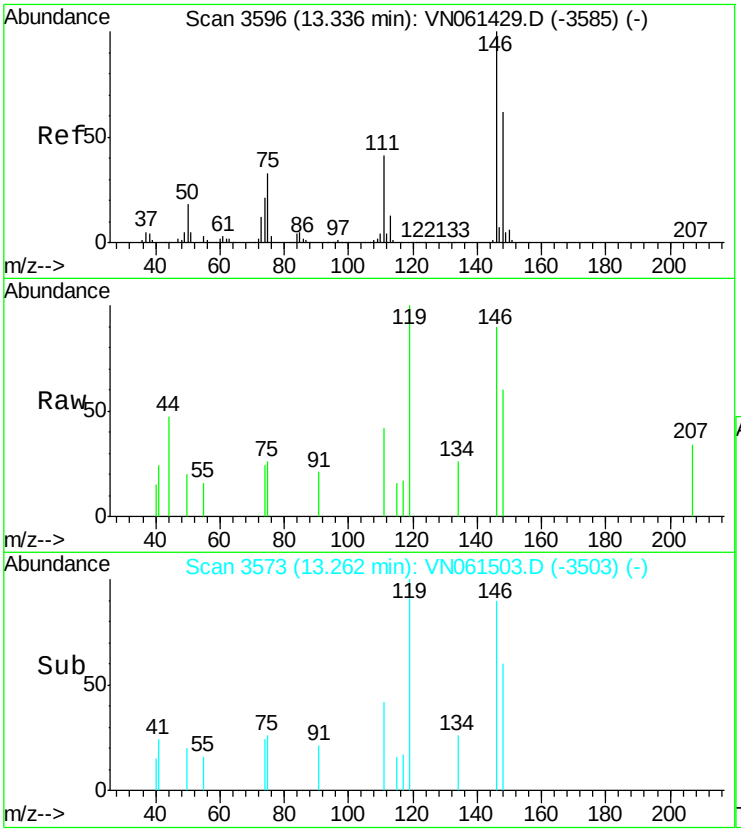


#87
1,3-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.26 min Scan# 3573
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:146 Resp: 1447

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.5	64.5
148	66.8	31.8	95.3



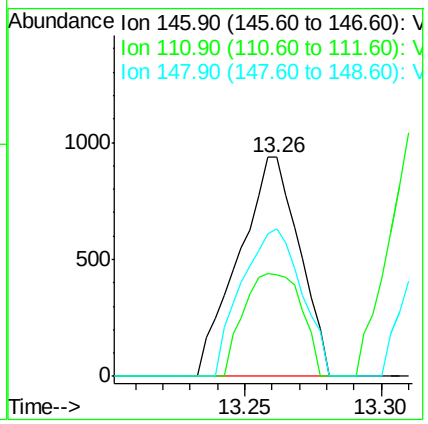


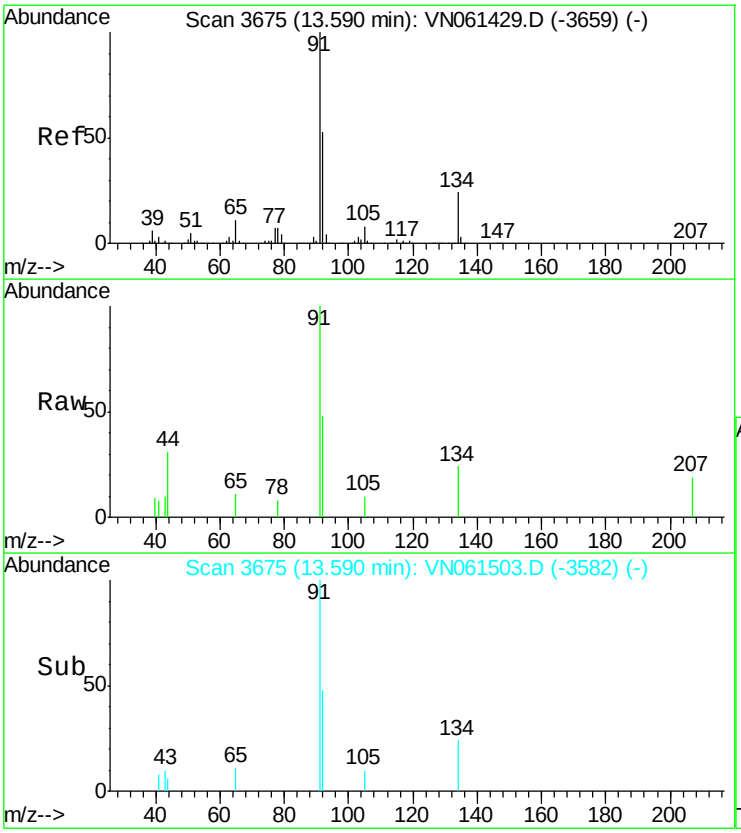
#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.26 min Scan# 3573
Delta R.T. -0.07 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:146 Resp: 1447

Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.8	62.5
148	66.8	31.6	94.8

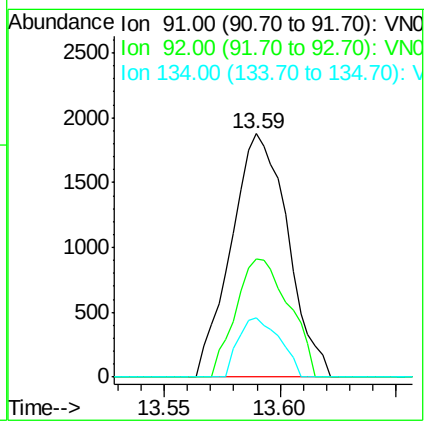


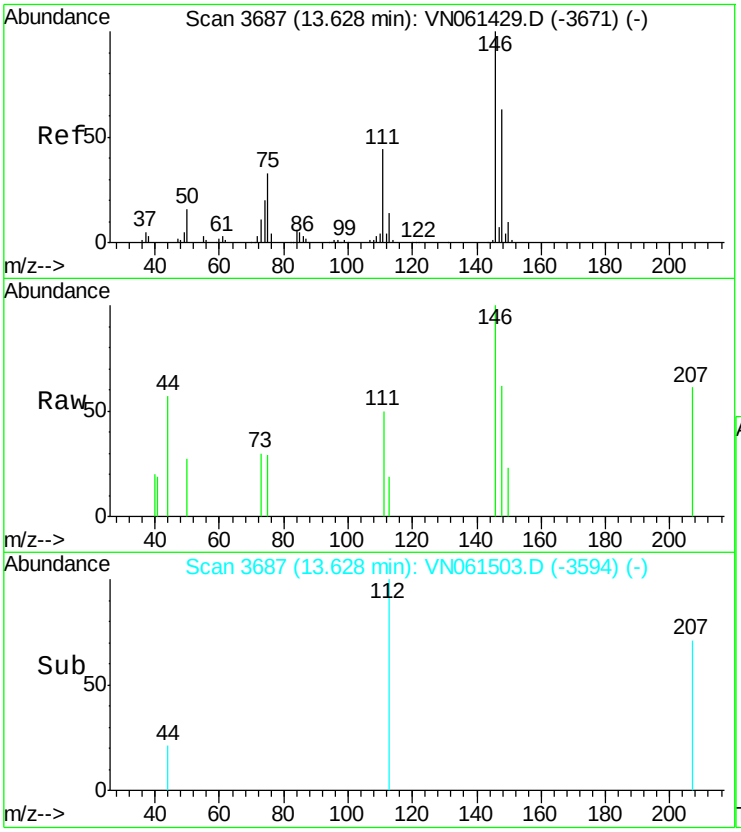


#89
n-Butylbenzene
Concen: 0.301 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion: 91 Resp: 3177

Ion	Ratio	Lower	Upper
91	100		
92	45.8	26.8	80.3
134	17.7	12.4	37.4



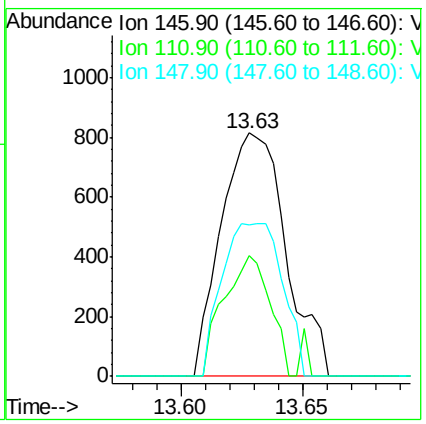


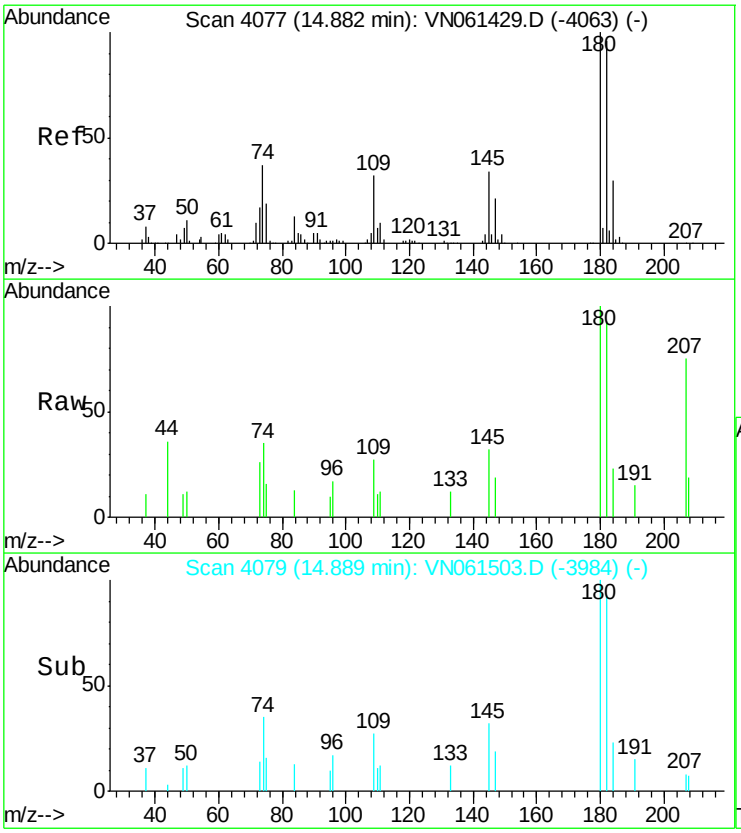
#91
1,2-Dichlorobenzene
Concen: 0.286 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:146 Resp: 1502

Ion	Ratio	Lower	Upper
146	100		
111	35.8	21.9	65.7
148	58.8	31.6	94.7

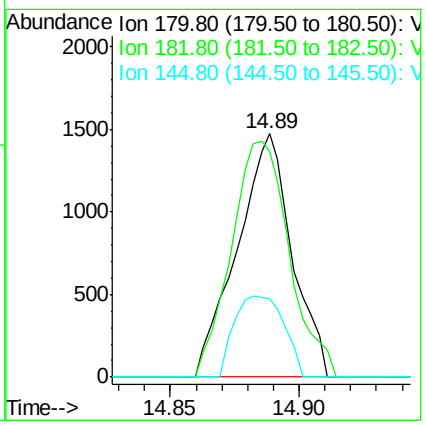


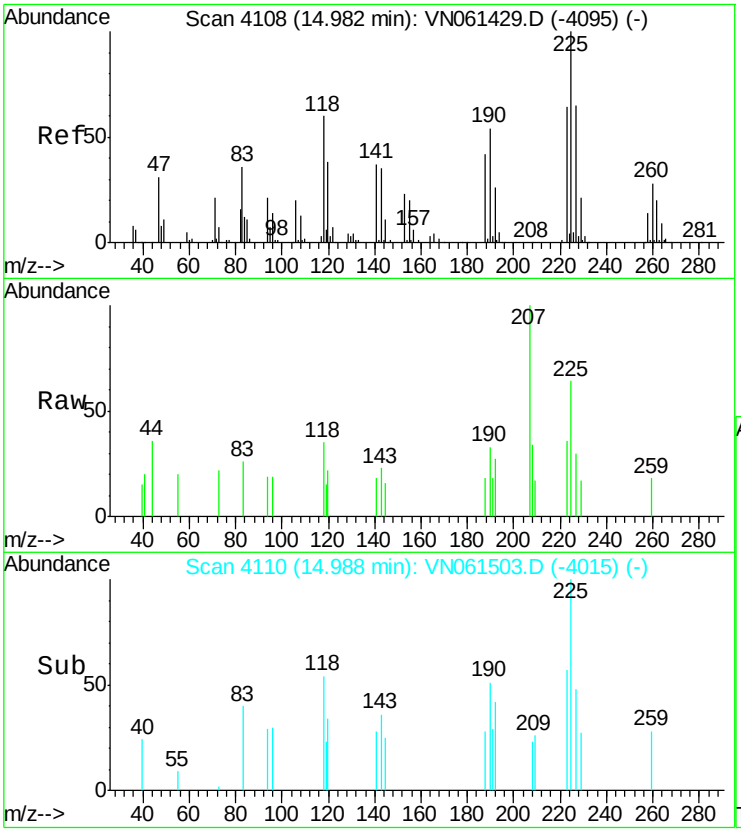


#93
1,2,4-Trichlorobenzene
Concen: 0.767 ug/l
RT: 14.89 min Scan# 4079
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:180 Resp: 2185

Ion	Ratio	Lower	Upper
180	100		
182	102.7	47.0	141.0
145	30.2	16.7	50.0



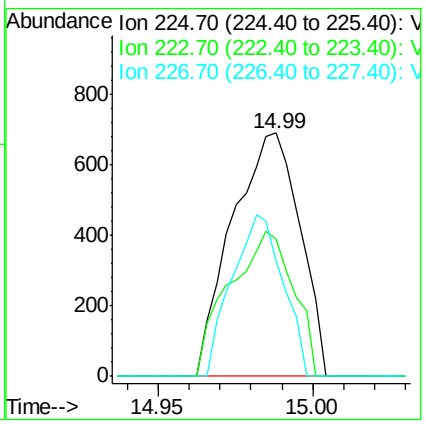


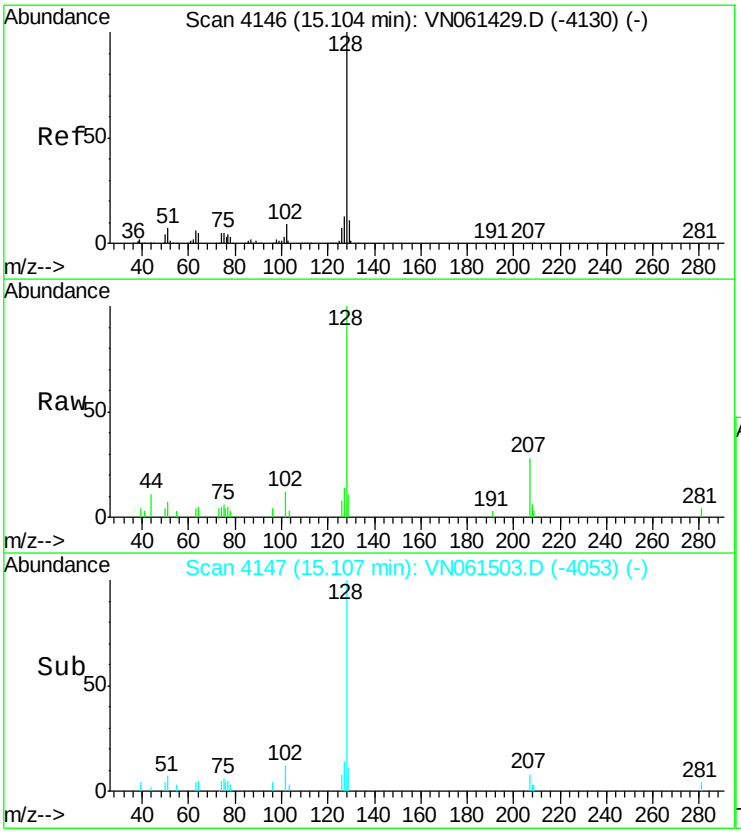
#94
Hexachlorobutadiene
Concen: 0.828 ug/l
RT: 14.99 min Scan# 4110
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:225 Resp: 1047

Ion	Ratio	Lower	Upper
225	100		
223	56.4	31.9	95.7
227	50.0	31.5	94.5

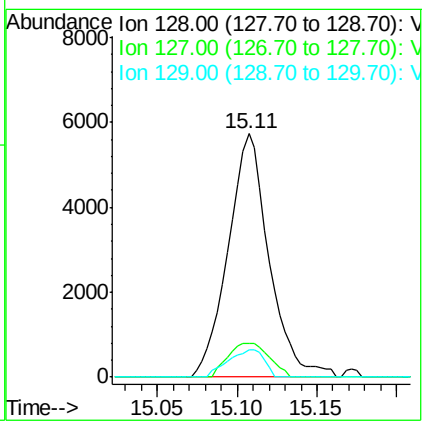


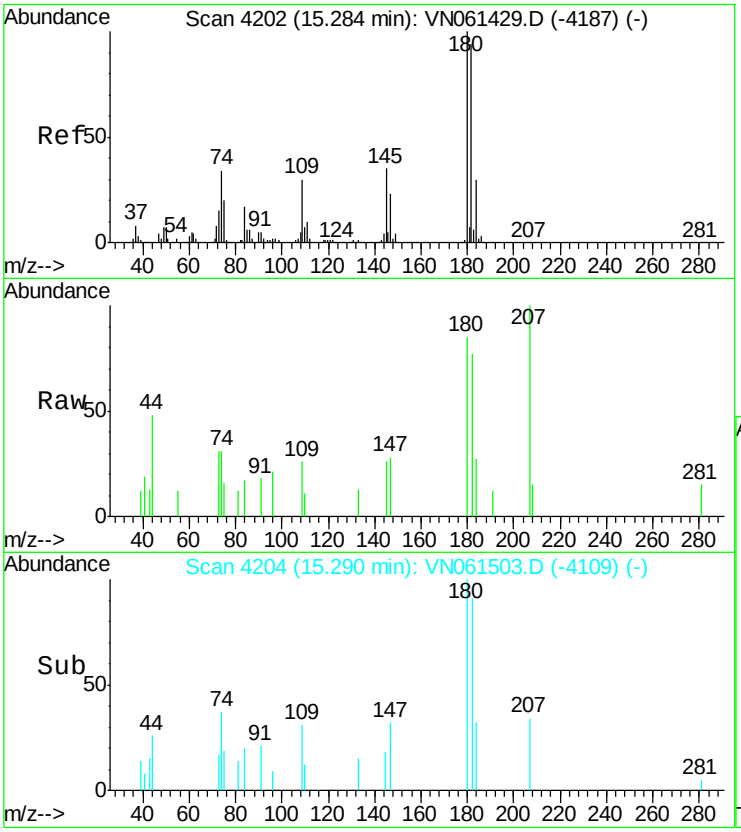


#95
Naphthalene
Concen: 1.104 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Tgt Ion:128 Resp: 9995

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	9.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.893 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. 0.01 min
Lab File: VN061503.D
Acq: 20 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
S32-TB-2020-4

Tgt Ion:180 Resp: 2531

Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.8	143.3
145	34.4	17.3	51.9