Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061434.D
Acq On : 18 May 2020 15:04
Operator : JC/MD
Sample : VN0518MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Quant Time: May 18 18:05:47 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	264450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194109	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.36%			
35) Dibromofluoromethane	7.55	113	138356	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
50) Toluene-d8	10.06	98	628049	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
62) 4-Bromofluorobenzene	12.37	95	230513	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1425	0.397	ug/l	93
5) Bromomethane	2.54	94	1368	Below Cal	#	21
10) Methyl Iodide	3.91	142	1120	0.356	ug/l #	69
13) Acrolein	3.57	56	107	Below Cal	#	51
16) Acetone	3.77	43	470	Below Cal	#	80
17) Carbon Disulfide	4.01	76	2503	Below Cal	#	75
18) Methyl Acetate	4.27	43	135	Below Cal	#	49
25) 2-Butanone	6.80	43	446	0.248	ug/l #	46
29) Tetrahydrofuran	7.18	42	314	0.264	ug/l #	29
31) Cyclohexane	7.62	56	6763	Below Cal	#	13
36) 1,1-Dichloropropene	7.63	75	23632	5.119	ug/l #	50
38) Carbon Tetrachloride	7.63	117	28853	6.788	ug/l #	16
49) 1,4-Dioxane	9.17	88	167	Below Cal	#	40
51) 4-Methyl-2-Pentanone	9.95	43	861	0.216	ug/l #	34
59) 2-Hexanone	10.73	43	1293	0.449	ug/l #	43
71) Bromoform	12.37	173	1229	2.455	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	121407	30.038	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	121407	79.685	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	1094	0.350	ug/l	84
95) Naphthalene	15.11	128	4839	0.487	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.28	180	1073	0.345	ug/l	97

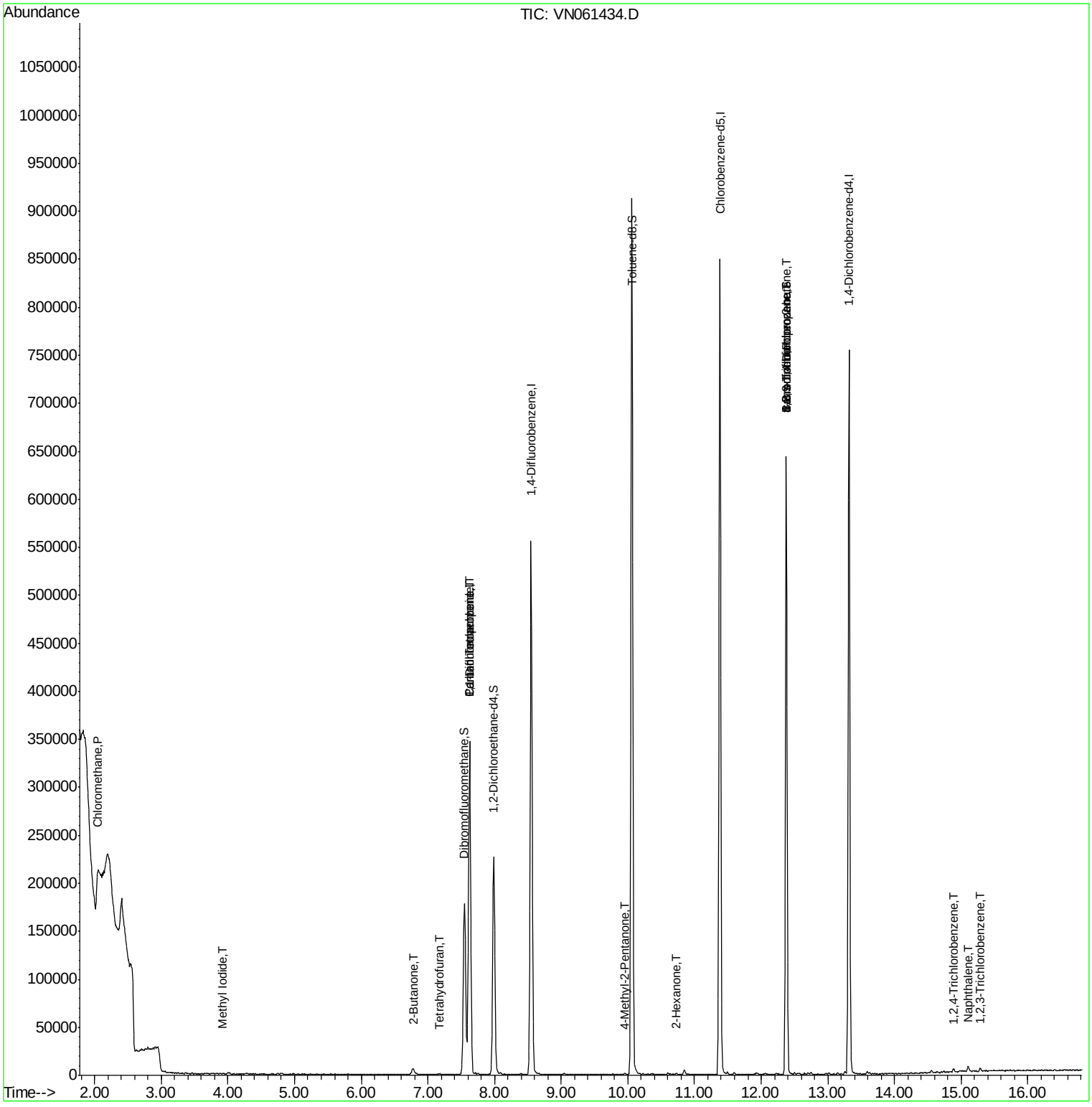
(#) = qualifier out of range (m) = manual integration (+) = signals summed

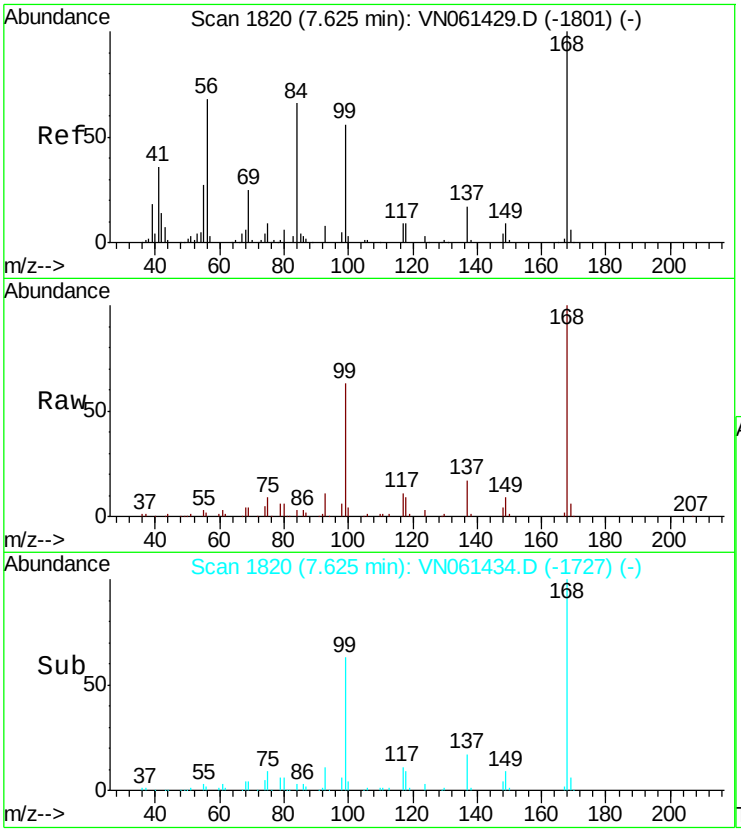
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
Data File : VN061434.D
Acq On : 18 May 2020 15:04
Operator : JC/MD
Sample : VN0518MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Quant Time: May 18 18:05:47 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



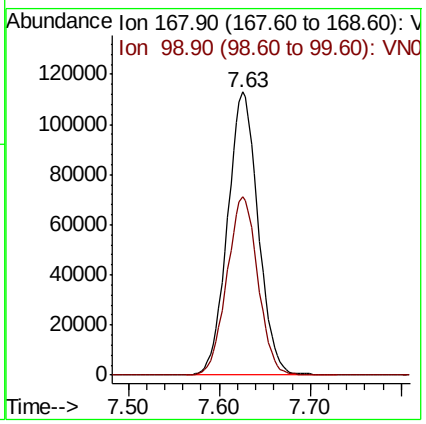


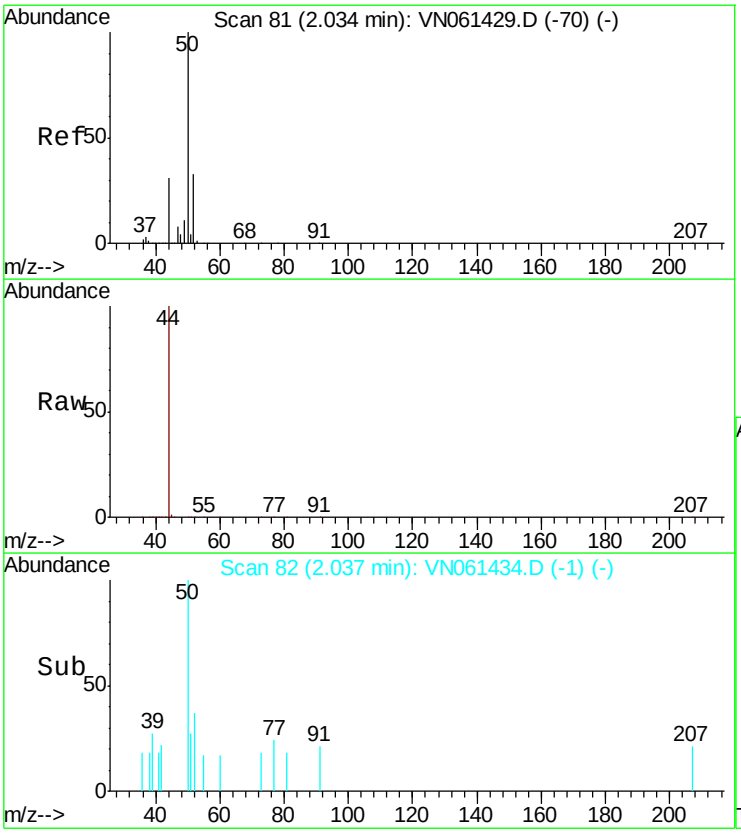
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion:168 Resp: 264450

Ion	Ratio	Lower	Upper
168	100		
99	62.9	51.1	76.7

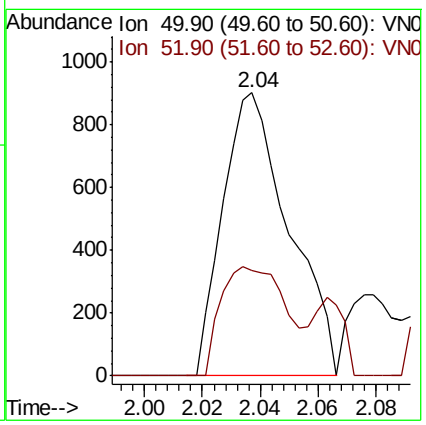


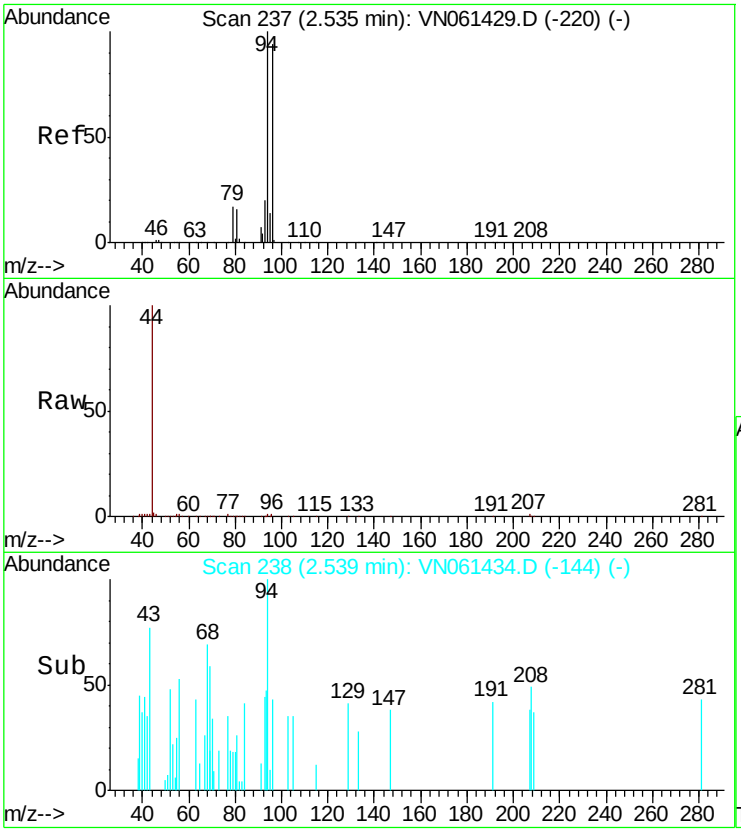


#3
Chloromethane
Concen: 0.397 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 50 Resp: 1425

Ion	Ratio	Lower	Upper
50	100		
52	37.3	26.7	40.1



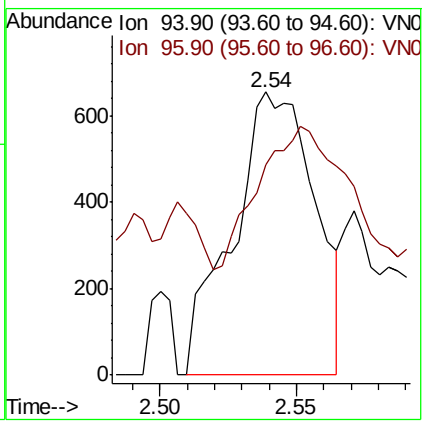


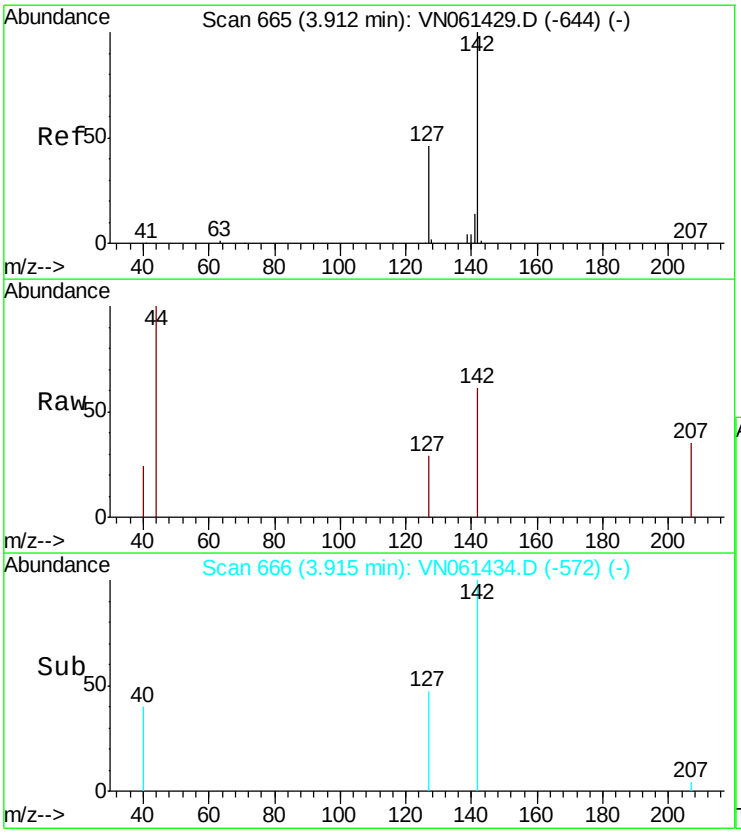
#5
Bromomethane
Concen: Below Cal
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Tgt Ion: 94 Resp: 1368

Ion	Ratio	Lower	Upper
94	100		
96	17.6	74.9	112.3#

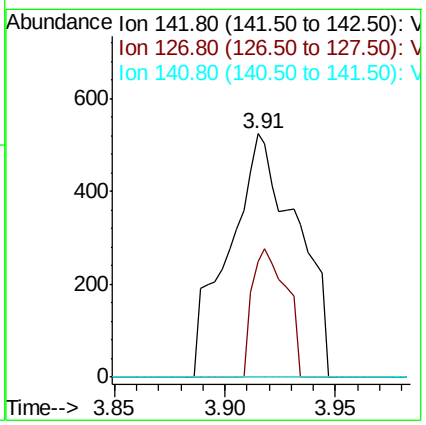


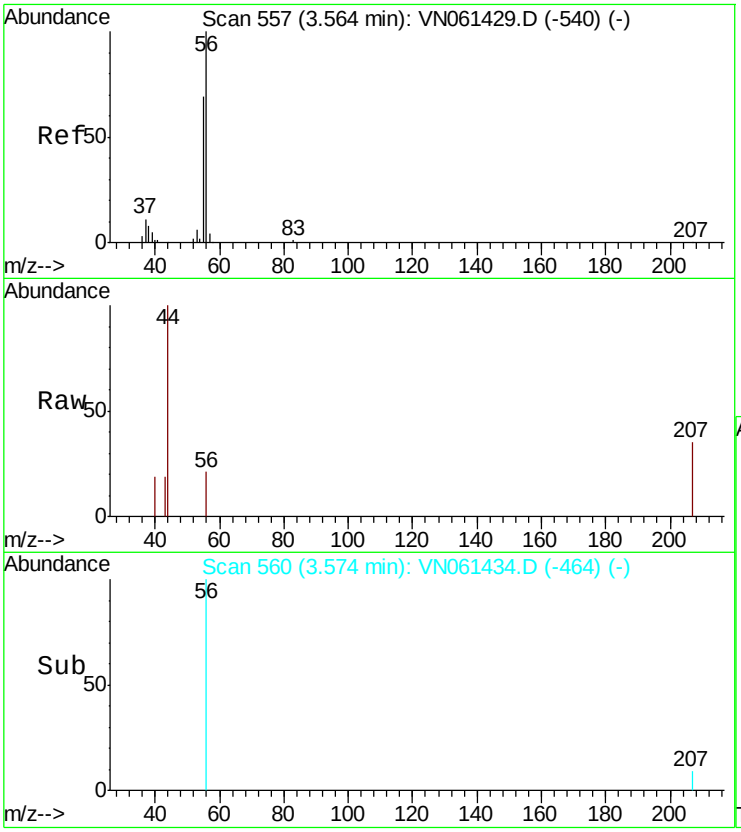


#10
Methyl Iodide
Concen: 0.356 ug/l
RT: 3.91 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:142 Resp: 1120

Ion	Ratio	Lower	Upper
142	100		
127	26.3	36.7	55.1#
141	0.0	11.5	17.3#



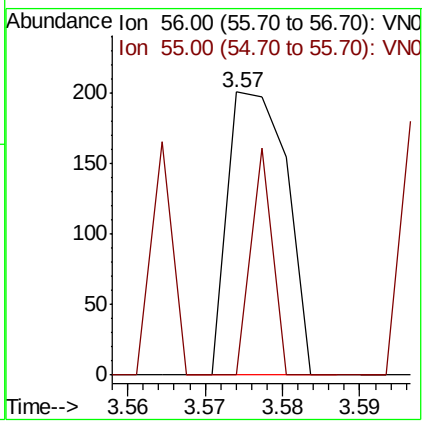


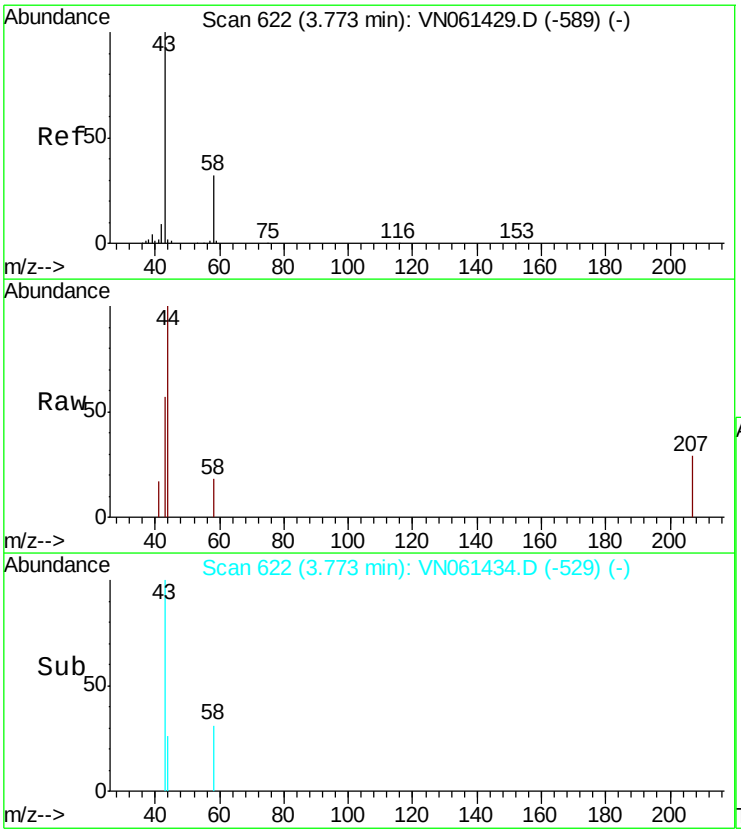
#13
Acrolein
Concen: Below Cal
RT: 3.57 min Scan# 560
Delta R.T. 0.01 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Tgt Ion: 56 Resp: 107

Ion	Ratio	Lower	Upper
56	100		
55	29.0	54.8	82.2#

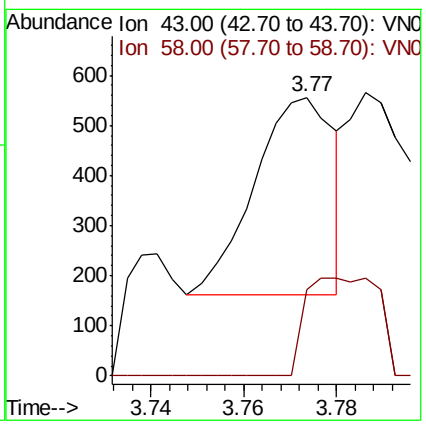


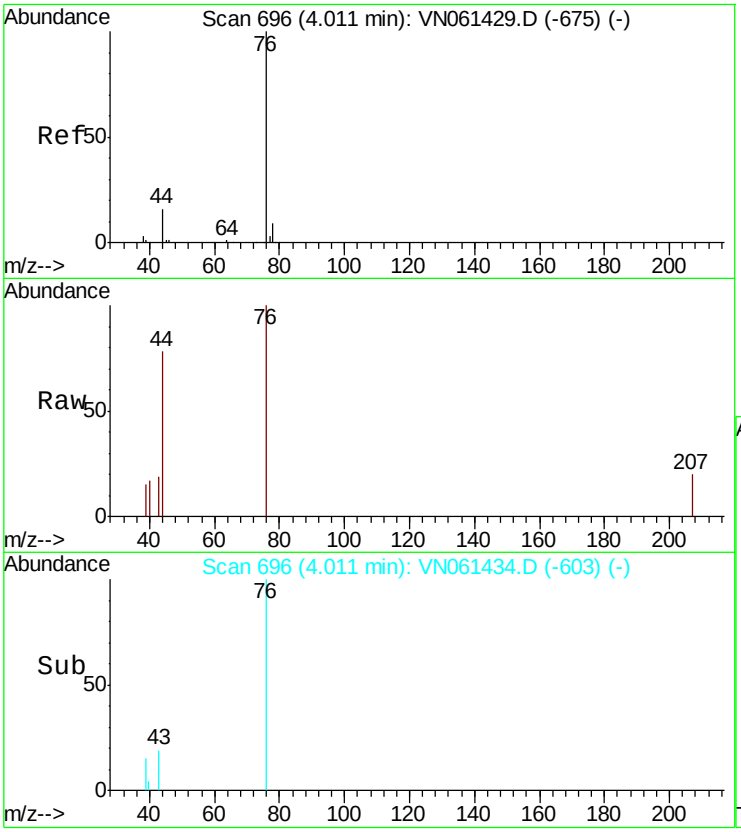


#16
Acetone
Concen: Below Cal
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 43 Resp: 470

Ion	Ratio	Lower	Upper
43	100		
58	43.4	25.6	38.4#



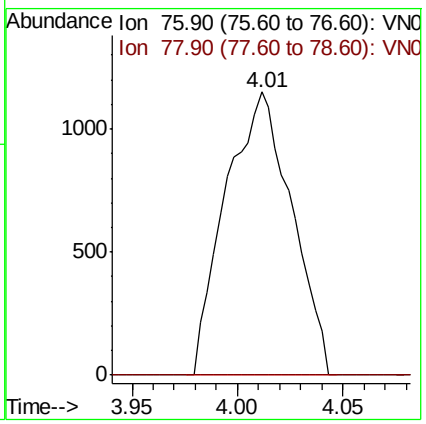


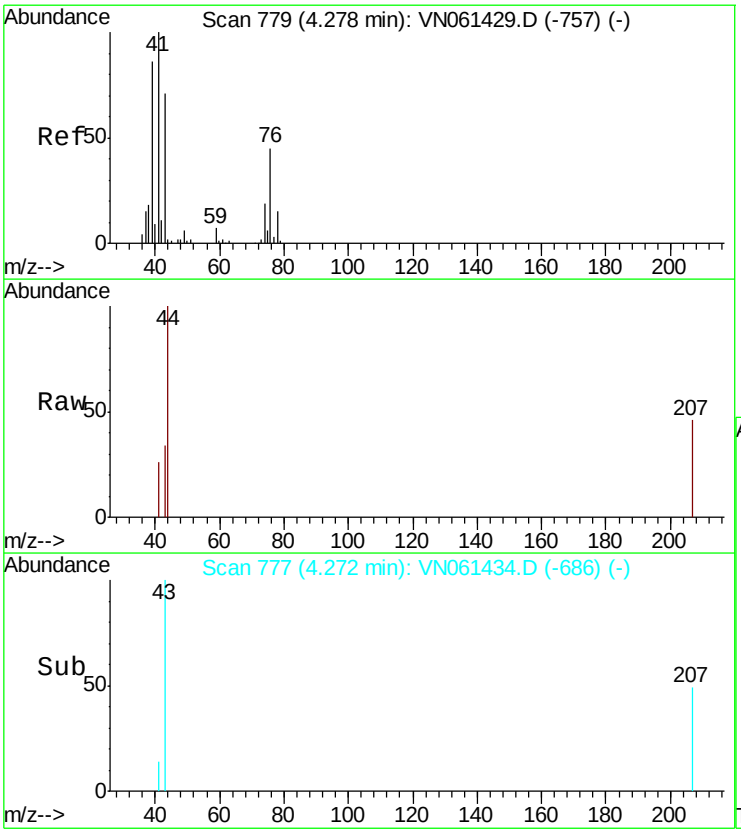
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion: 76 Resp: 2503

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

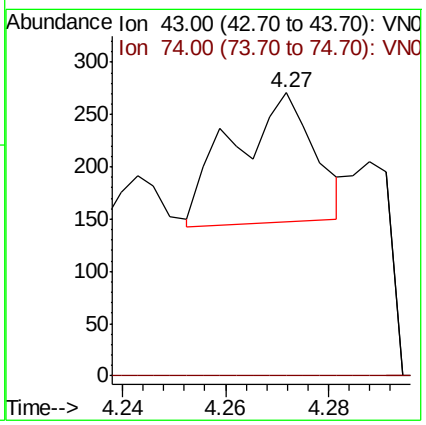


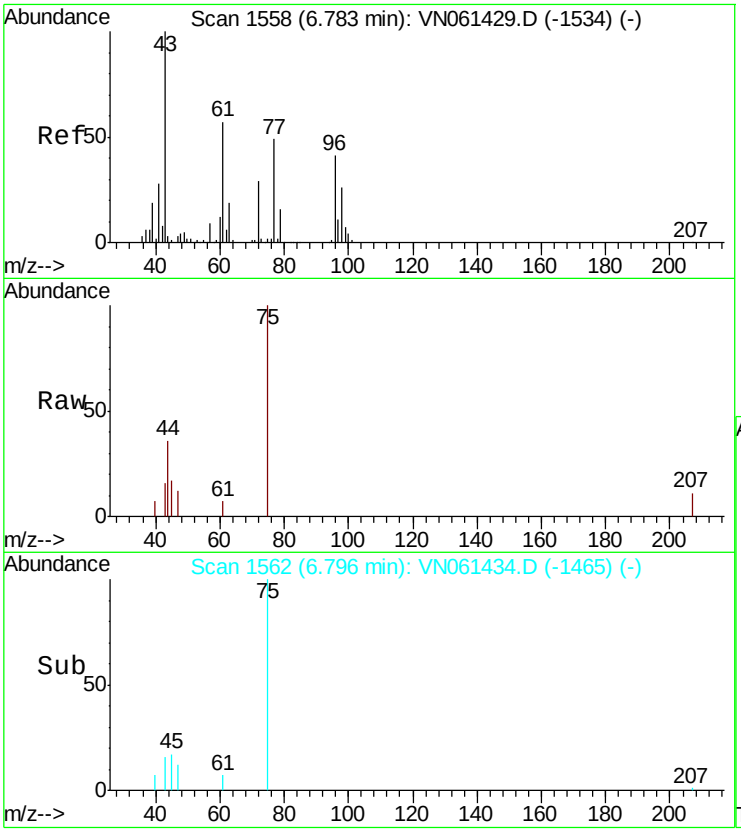


#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 43 Resp: 135

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#



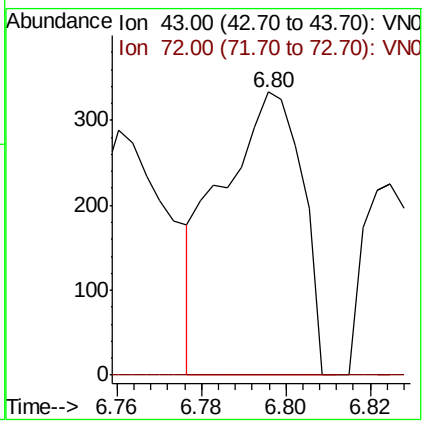


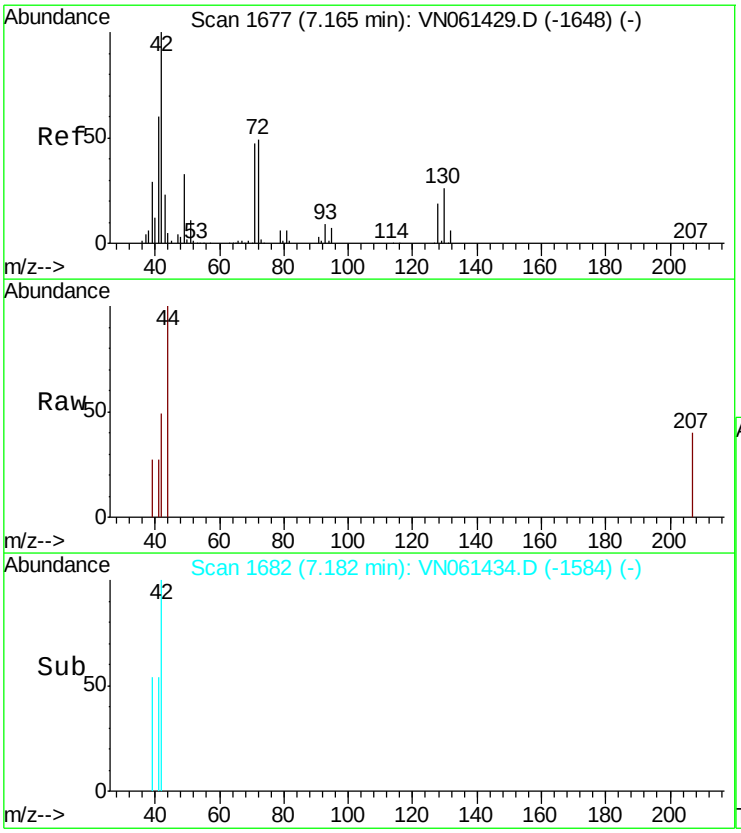
#25
2-Butanone
Concen: 0.248 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Tgt Ion: 43 Resp: 446

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

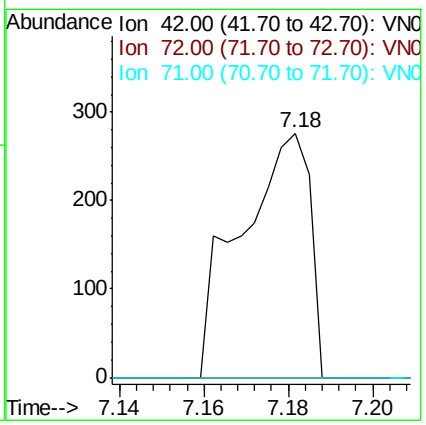


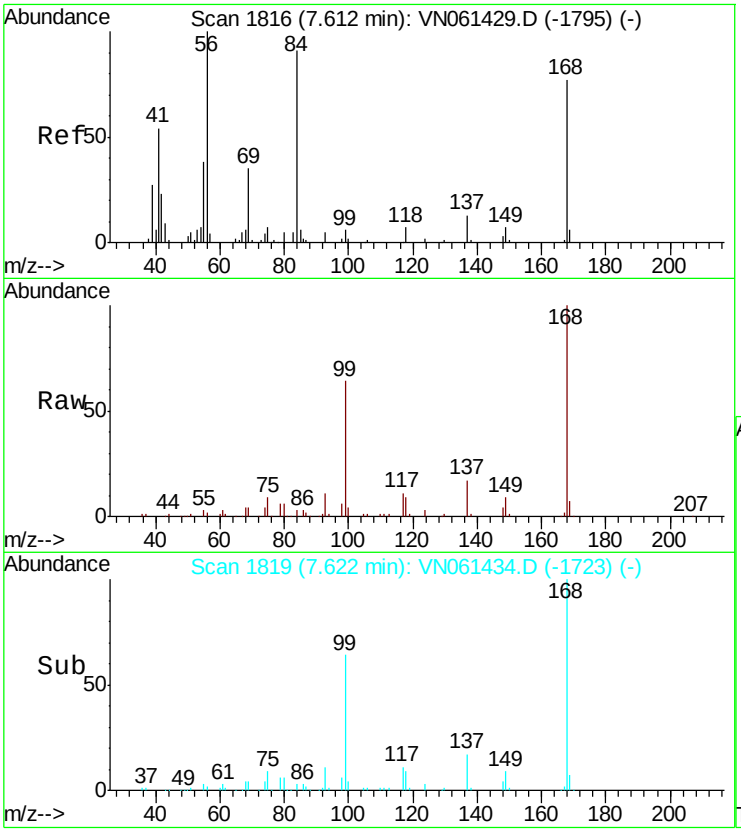


#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 42 Resp: 314

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.0	58.6#
71	0.0	36.9	55.3#



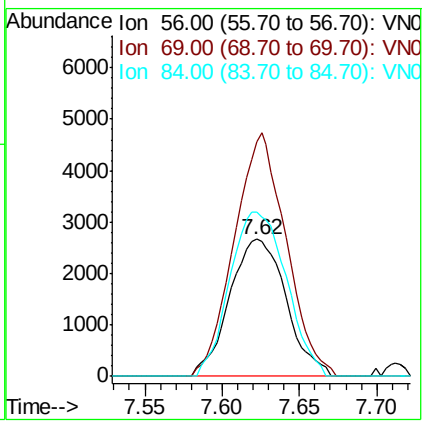


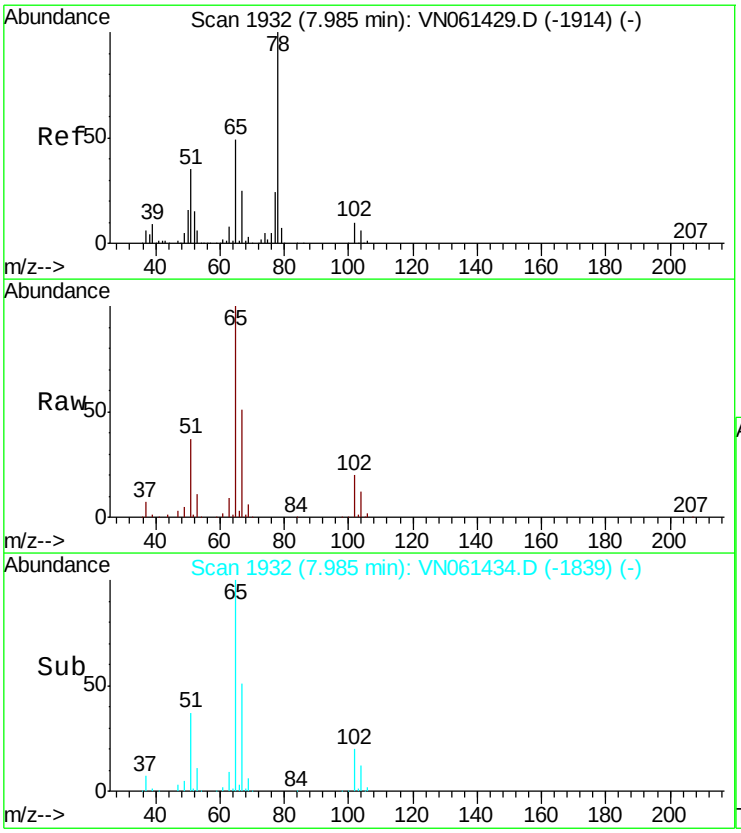
#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Tgt Ion: 56 Resp: 6763

Ion	Ratio	Lower	Upper
56	100		
69	170.7	27.8	41.6#
84	120.2	72.7	109.1#

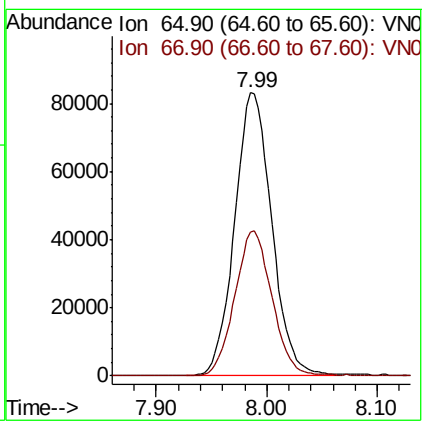


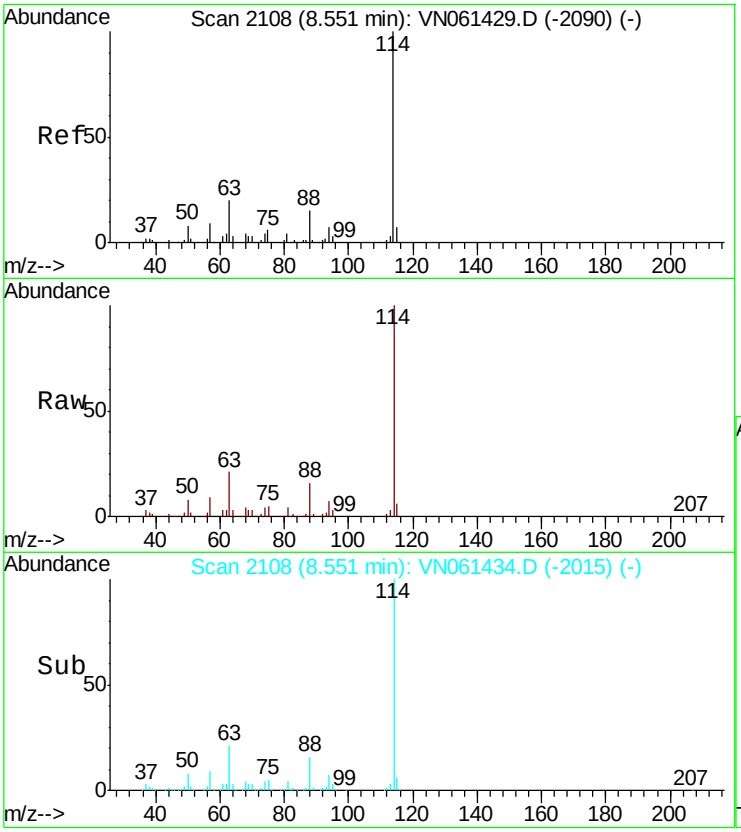


#33
1,2-Dichloroethane-d4
Concen: 49.181 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 65 Resp: 194109

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.4



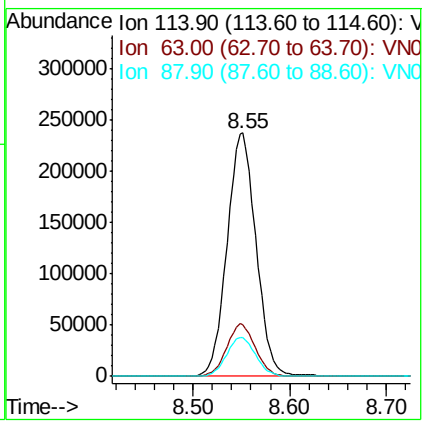


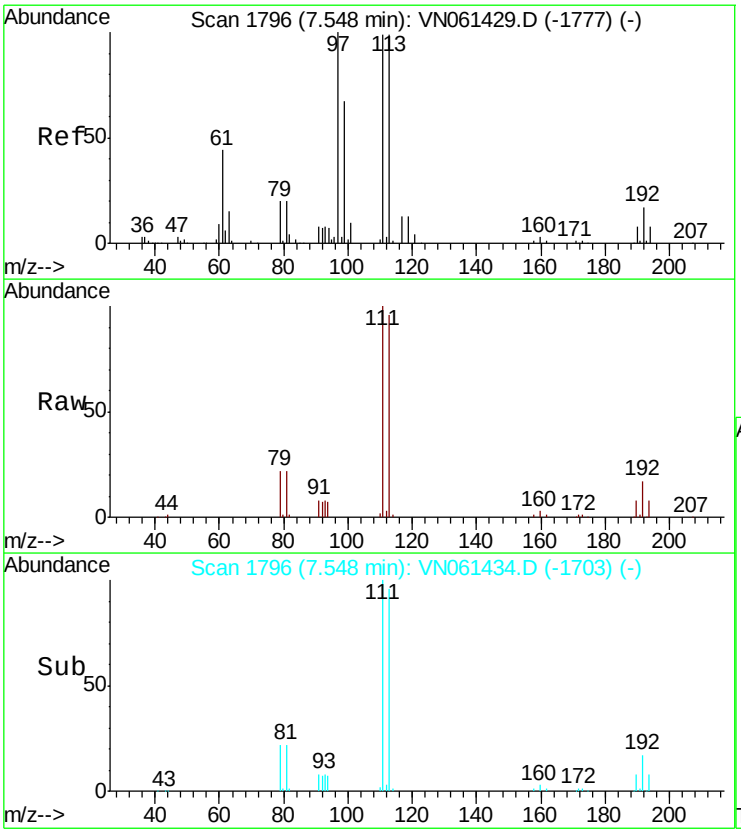
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion:114 Resp: 493720

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	15.8	0.0	30.8

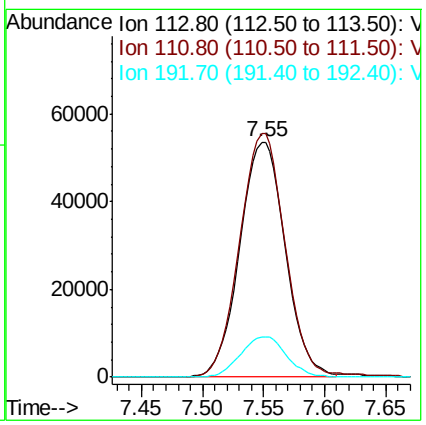


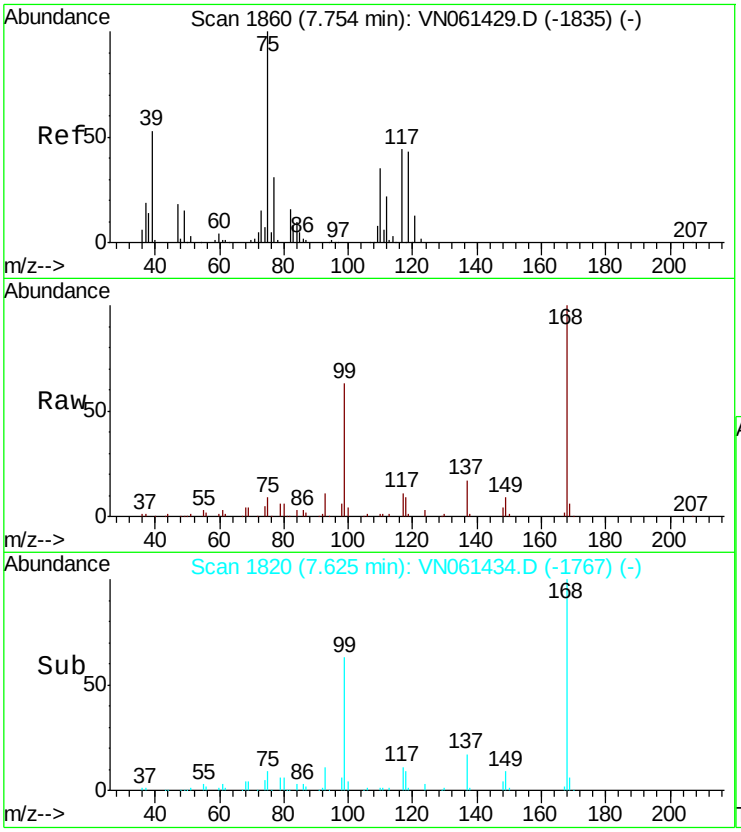


#35
Dibromofluoromethane
Concen: 53.492 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:113 Resp: 138356

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	121.0
192	17.4	13.2	19.8



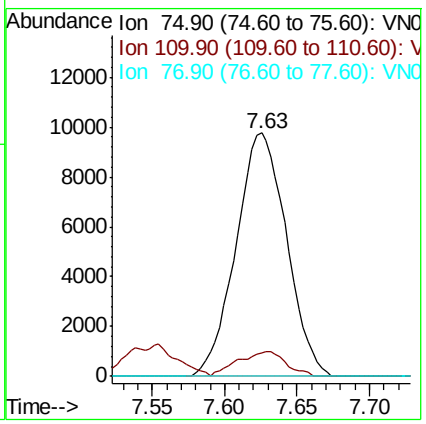


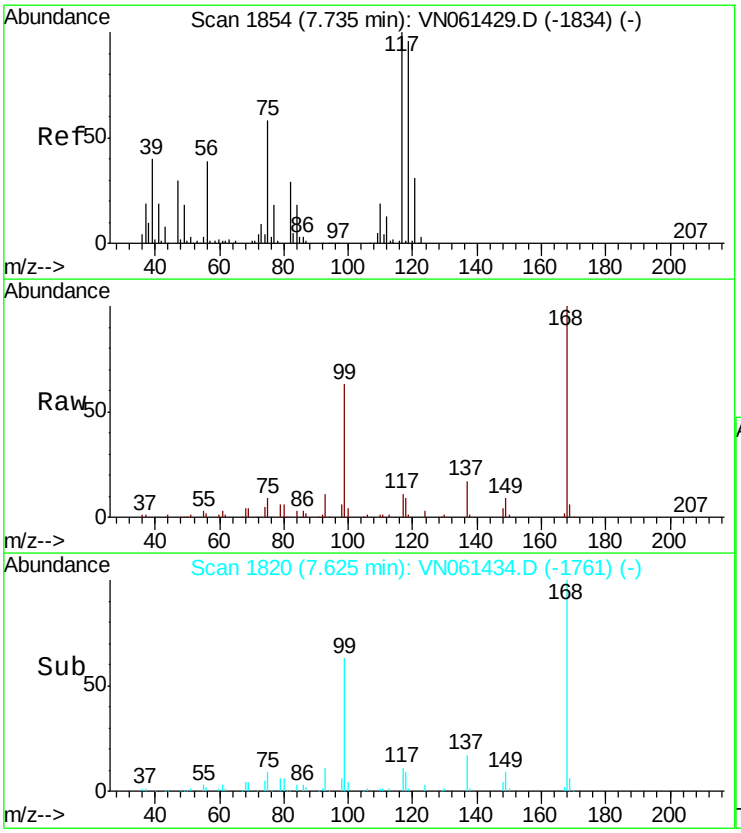
#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion: 75 Resp: 23632

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.3	51.9#
77	0.0	24.9	37.3#

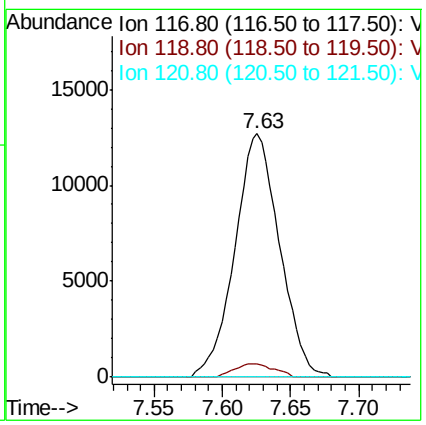


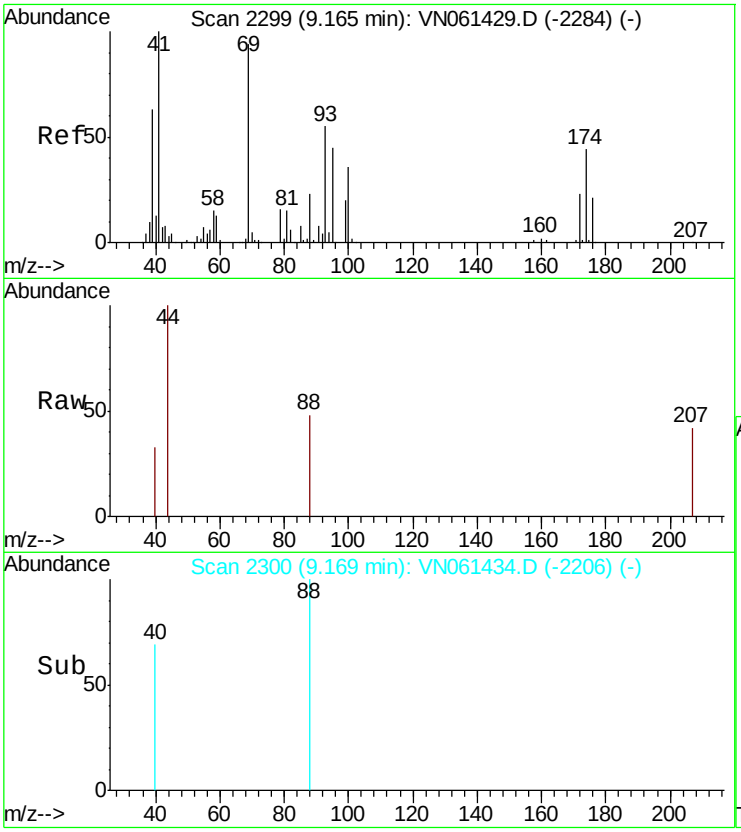


#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:117 Resp: 28853

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.0	115.6#
121	0.0	24.7	37.1#



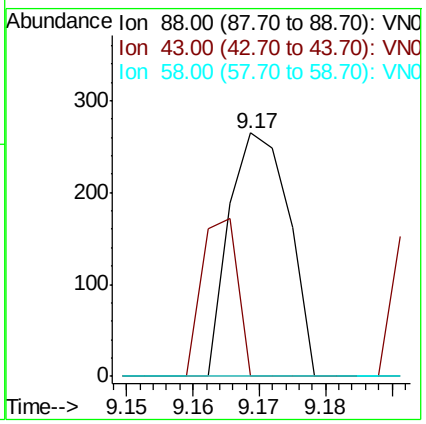


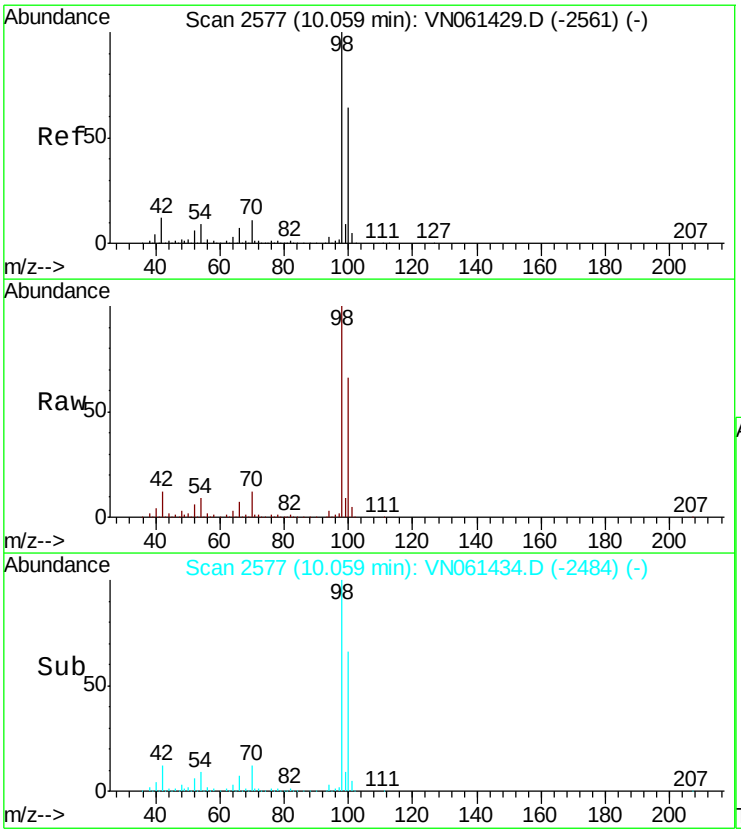
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument : MSVOA_N
ClientSampleId : VN0518MBL01

Tgt Ion: 88 Resp: 167

Ion	Ratio	Lower	Upper
88	100		
43	38.3	26.3	39.5
58	0.0	54.1	81.1#

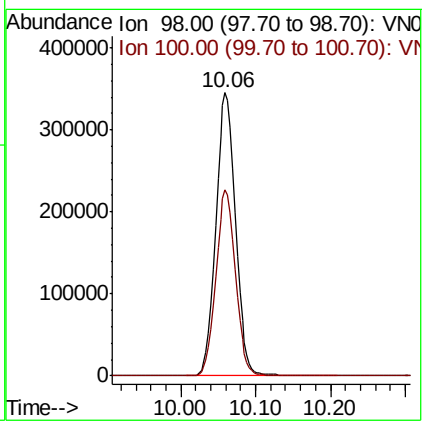


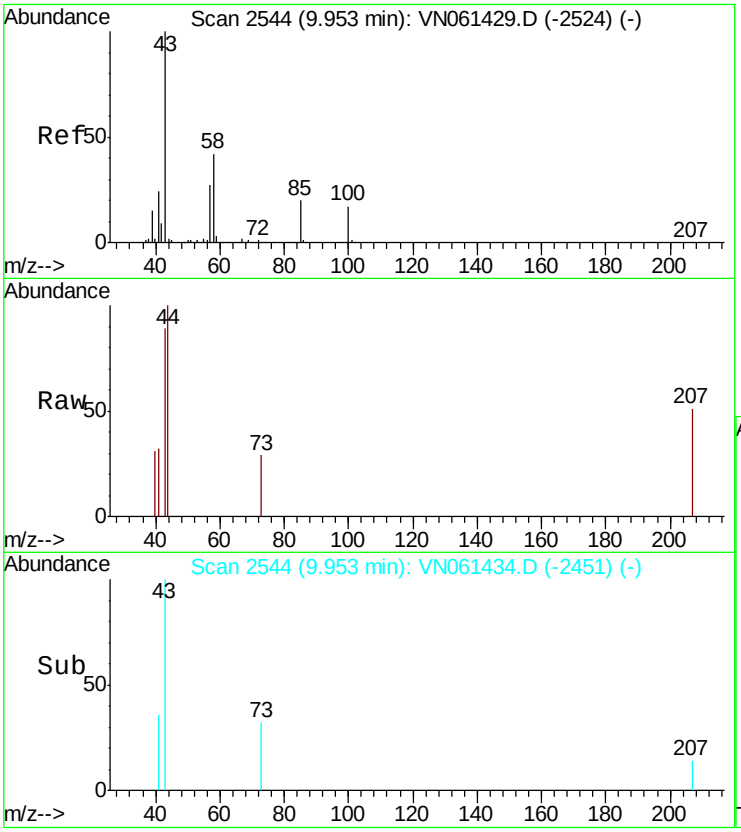


#50
Toluene-d8
Concen: 52.352 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 98 Resp: 628049

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.8



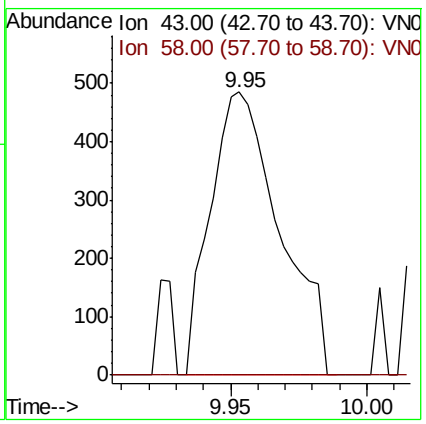


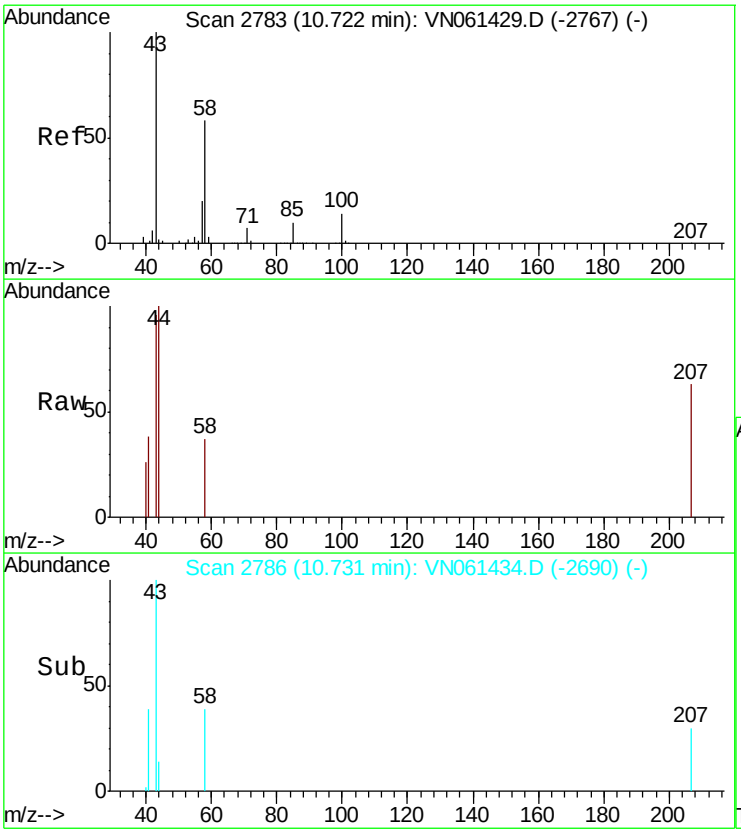
#51
4-Methyl-2-Pentanone
Concen: 0.216 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion: 43 Resp: 861

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.4	50.2#

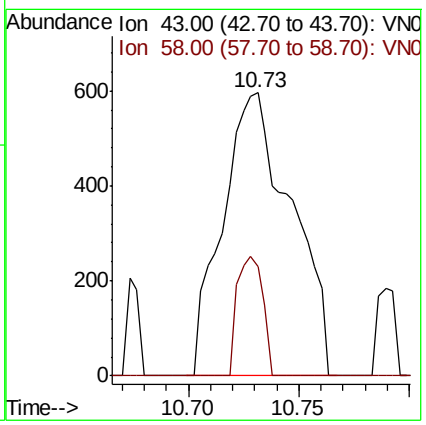


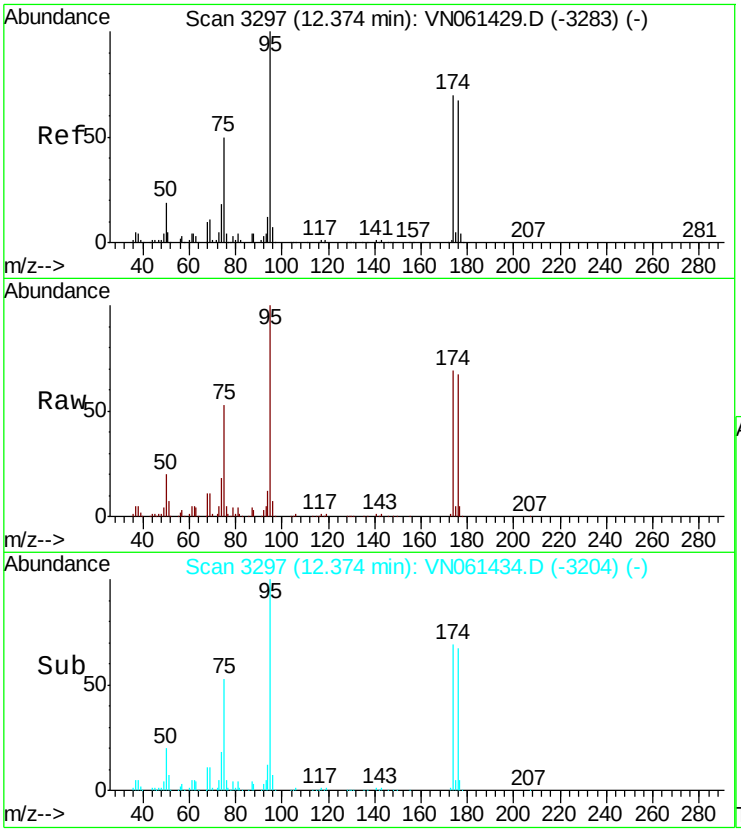


#59
2-Hexanone
Concen: 0.449 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 43 Resp: 1293

Ion	Ratio	Lower	Upper
43	100		
58	15.8	29.2	87.6#



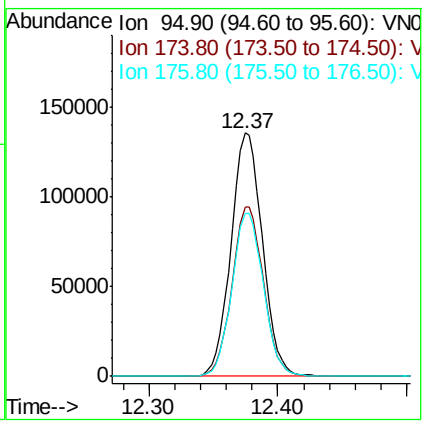


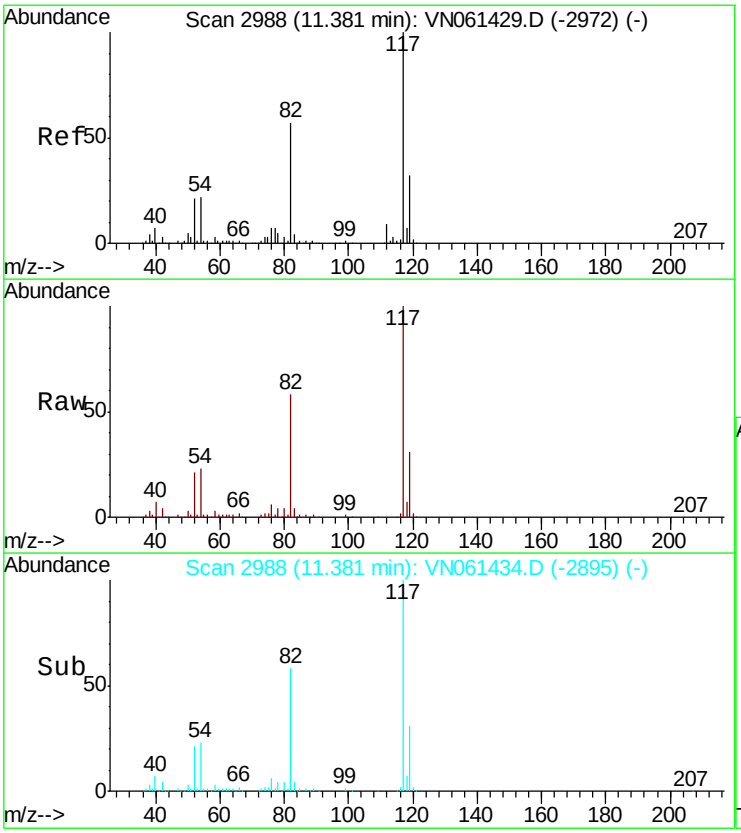
#62
4-Bromofluorobenzene
Concen: 51.430 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion: 95 Resp: 230513

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	141.2
176	67.1	0.0	137.6

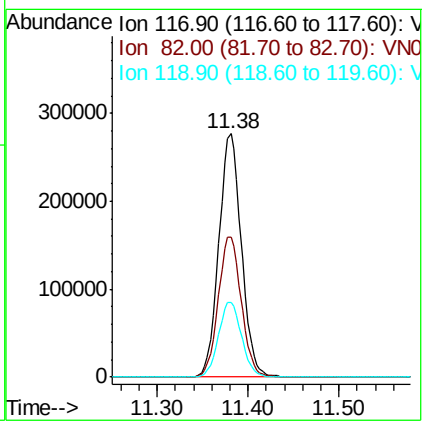


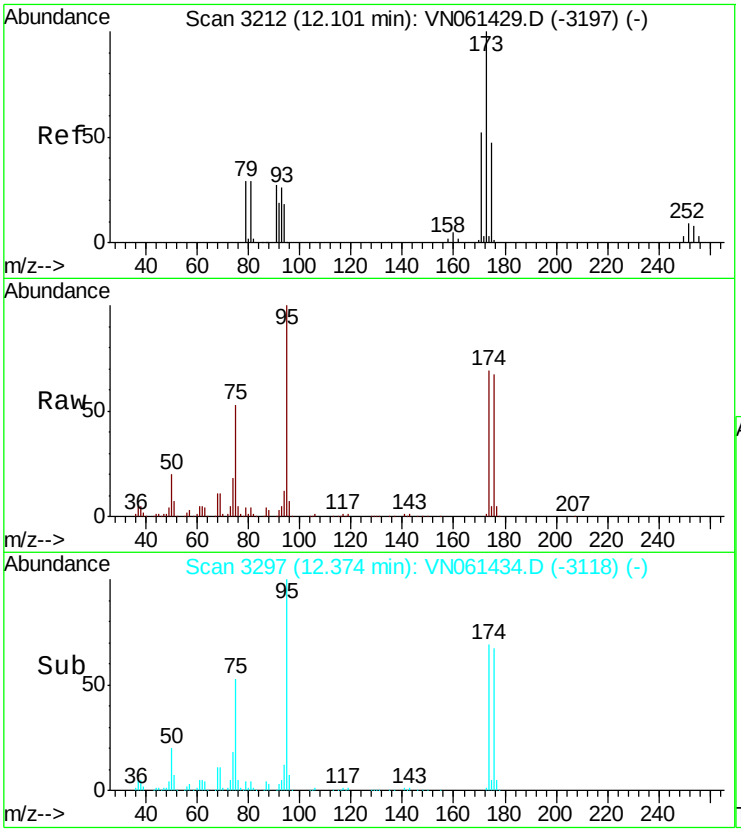


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:117 Resp: 477436

Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.2	67.8
119	30.8	25.3	37.9



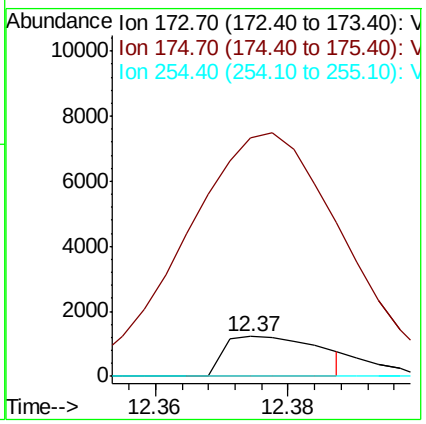


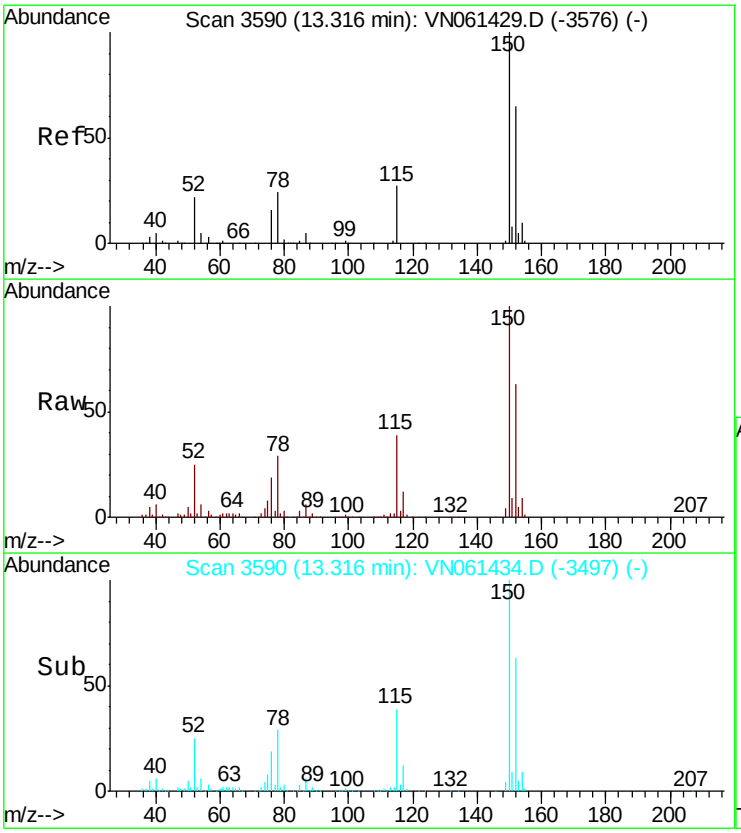
#71
Bromoform
Concen: 2.455 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion:173 Resp: 1229

Ion	Ratio	Lower	Upper
173	100		
175	886.7	23.9	71.8#
254	0.0	0.0	0.0

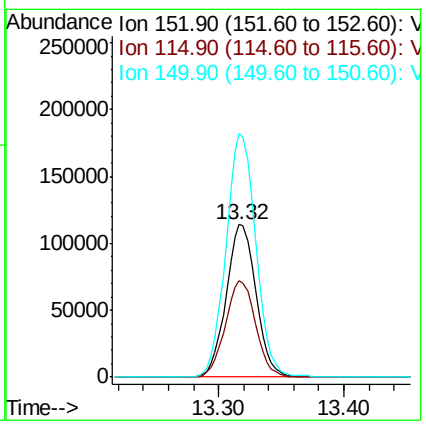


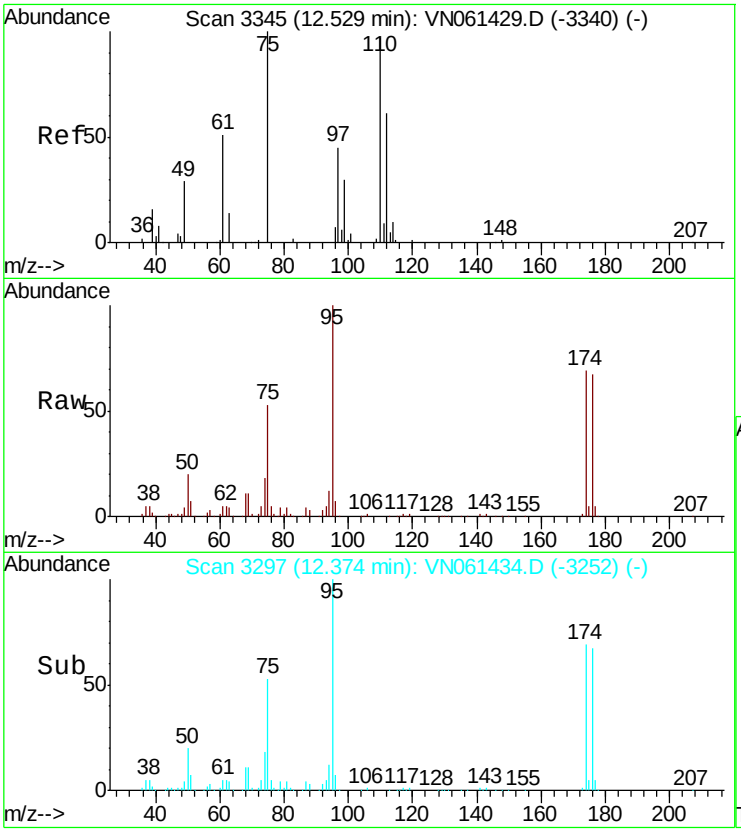


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:152 Resp: 188361

Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.9	92.5
150	159.3	0.0	349.2



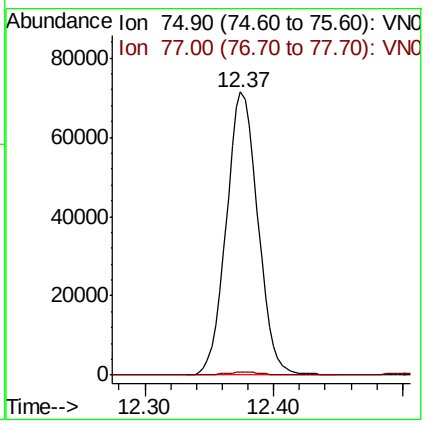


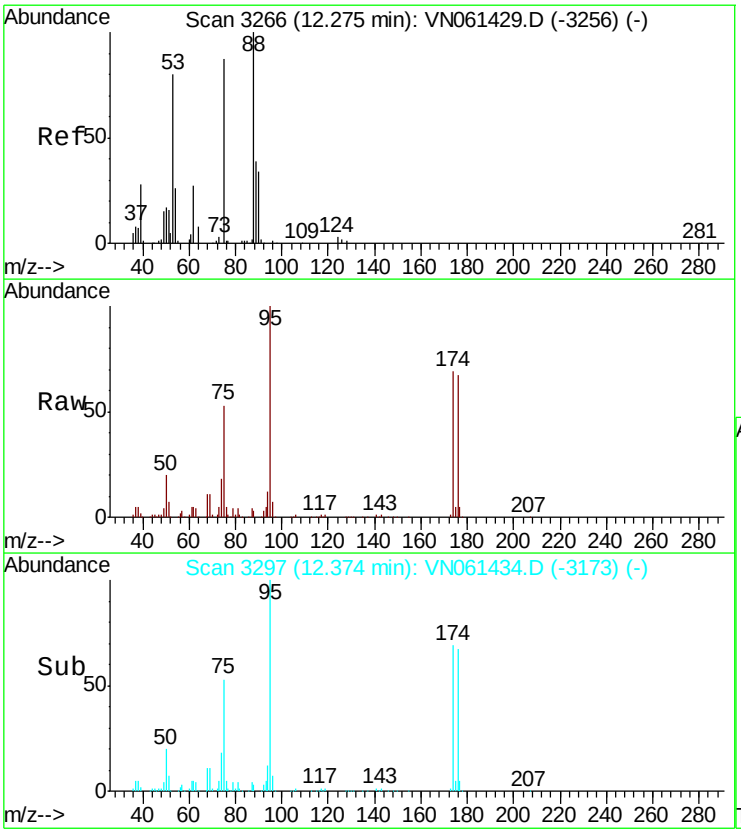
#76
1,2,3-Trichloropropane
Concen: 30.038 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion: 75 Resp: 121407

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

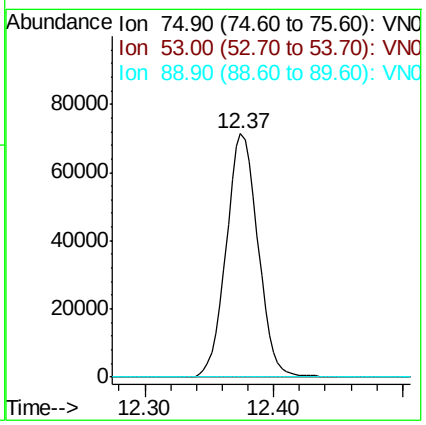


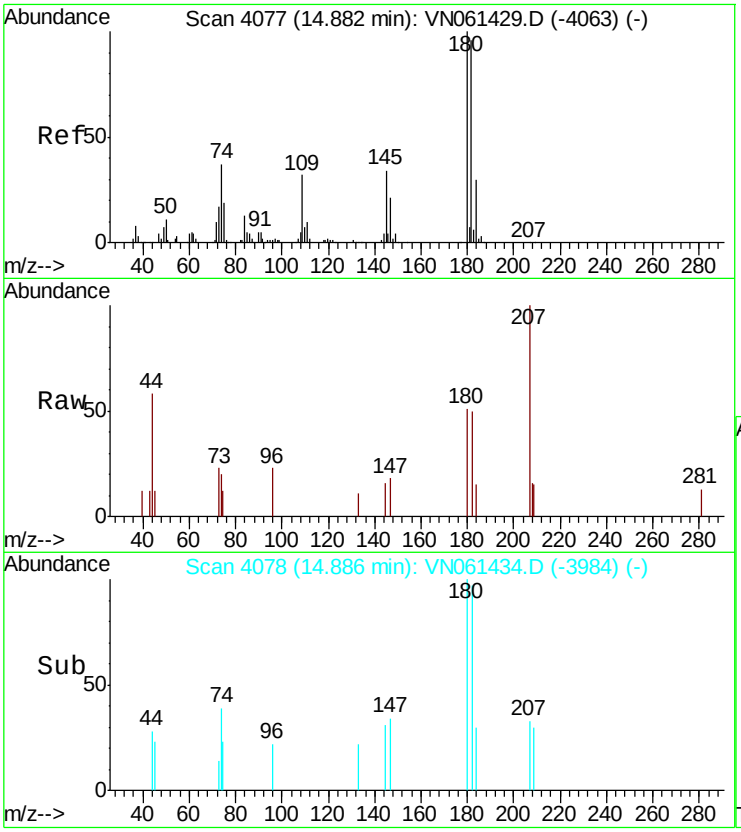


#81
trans-1,4-Dichloro-2-butene
Concen: 79.685 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion: 75 Resp: 121407

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



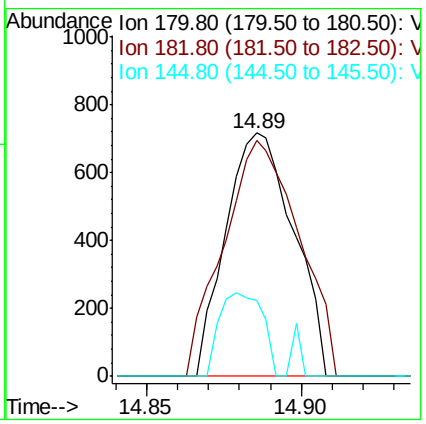


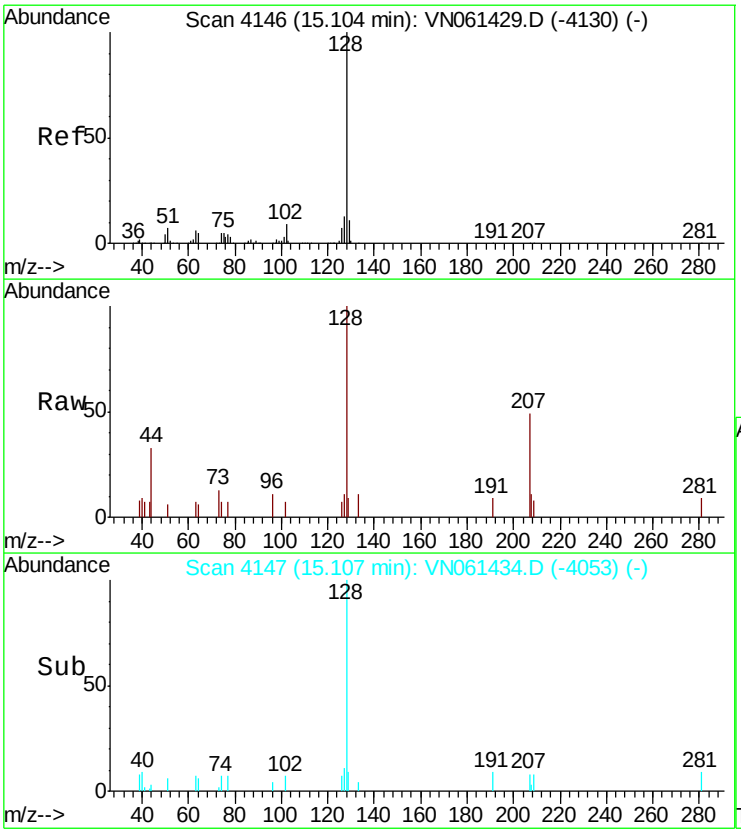
#93
1,2,4-Trichlorobenzene
Concen: 0.350 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion:180 Resp: 1094

Ion	Ratio	Lower	Upper
180	100		
182	107.6	47.0	141.0
145	22.0	16.7	50.0

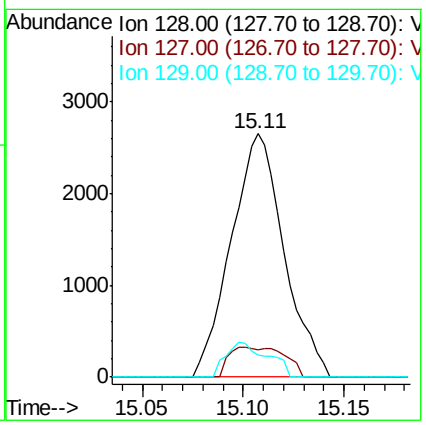


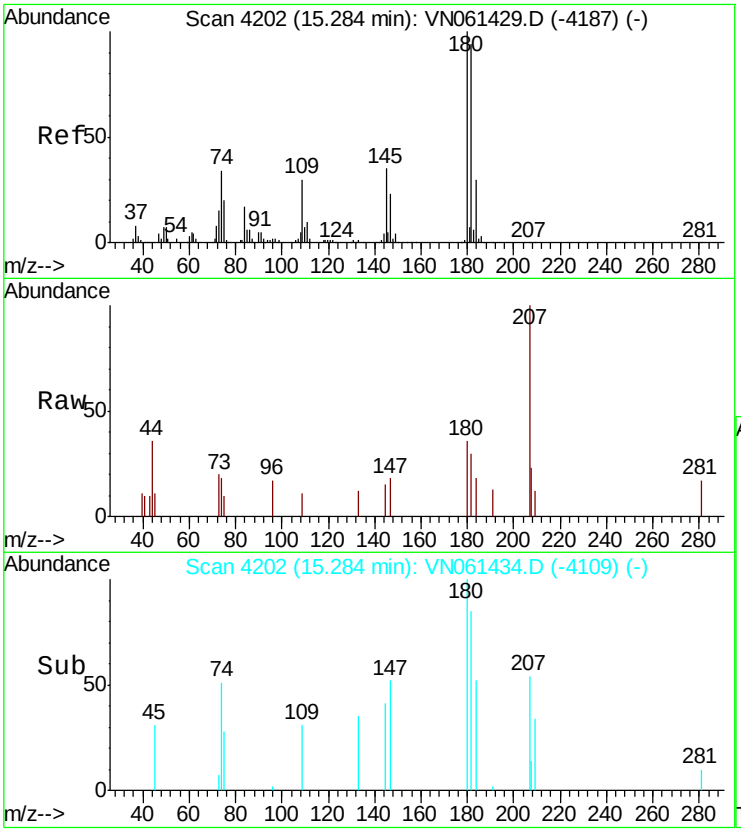


#95
Naphthalene
Concen: 0.487 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:128 Resp: 4839

Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.1	15.1#
129	11.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.345 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tgt Ion:180 Resp: 1073

Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.8	143.3
145	35.2	17.3	51.9