Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063509.D
Acq On : 22 Sep 2020 1:42
Operator : JC/MD
Sample : L4082-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Quant Time: Sep 22 04:59:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	237507	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	438609	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	442946	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191034	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	192418	47.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.18%				
35) Dibromofluoromethane	7.55	113	139239	45.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.72%				
50) Toluene-d8	10.06	98	564360	49.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.86%				
62) 4-Bromofluorobenzene	12.38	95	224472	53.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.26%				
Target Compounds							Qvalue
3) Chloromethane	2.03	50	812	0.228	ug/l	#	82
9) 1,1,2-Trichlorotrifluoroet	3.72	101	11719	4.429	ug/l		98
12) 1,1-Dichloroethene	3.70	96	7973	2.975	ug/l		97
13) Acrolein	3.77	56	84	0.405	ug/l	#	13
16) Acetone	3.79	43	3319	2.554	ug/l	#	88
20) Methylene Chloride	4.50	84	1197	0.364	ug/l	#	36
24) 1,1-Dichloroethane	5.80	63	1773	0.300	ug/l	#	84
27) cis-1,2-Dichloroethene	6.78	96	4892	1.455	ug/l		86
30) Chloroform	7.32	83	3066	0.518	ug/l		90
31) Cyclohexane	7.63	56	6670	1.195	ug/l	#	25
32) 1,1,1-Trichloroethane	7.54	97	1092	0.207	ug/l	#	46
36) 1,1-Dichloropropene	7.63	75	22500	4.815	ug/l	#	47
38) Carbon Tetrachloride	7.73	117	5272	1.105	ug/l		93
39) Methylcyclohexane	8.80	83	7002	1.381	ug/l	#	1
44) Trichloroethene	8.80	130	486301	150.310	ug/l		100
49) 1,4-Dioxane	9.17	88	431	7.454	ug/l	#	94
55) 1,1,2-Trichloroethane	10.54	97	3096	0.972	ug/l		94
71) Bromoform	12.38	173	2030	0.791	ug/l	#	1
76) 1,2,3-Trichloropropane	12.38	75	122846	25.981	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	122846	71.229	ug/l	#	7

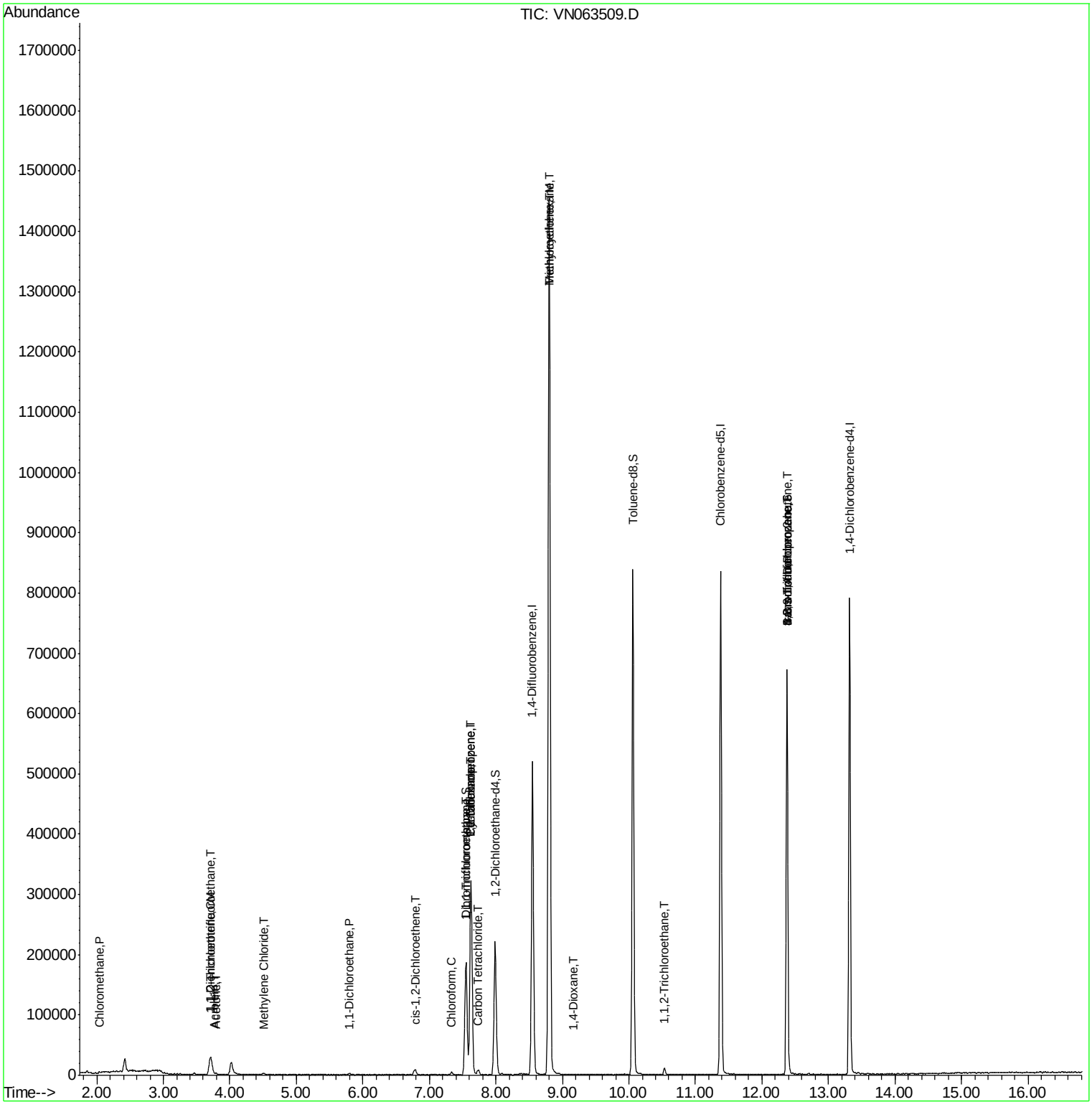
(#) = qualifier out of range (m) = manual integration (+) = signals summed

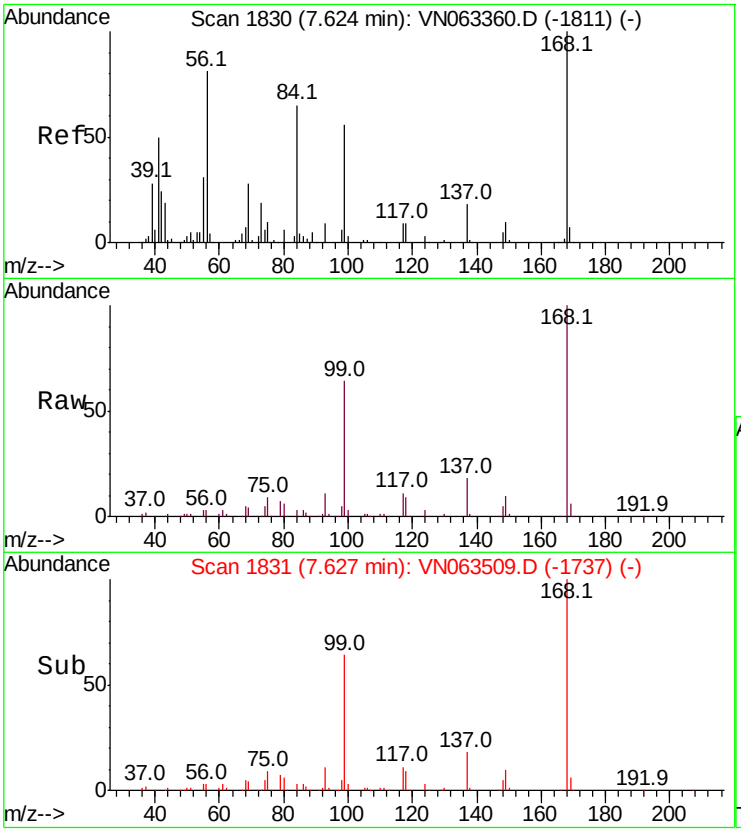
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063509.D
Acq On : 22 Sep 2020 1:42
Operator : JC/MD
Sample : L4082-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Quant Time: Sep 22 04:59:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration



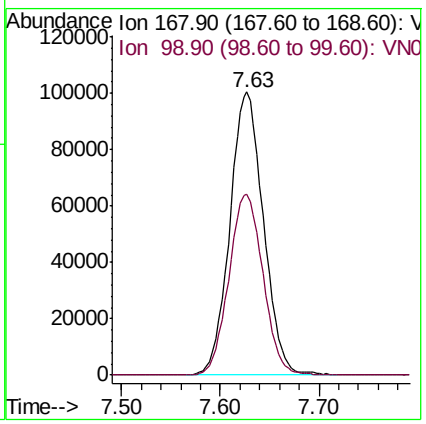


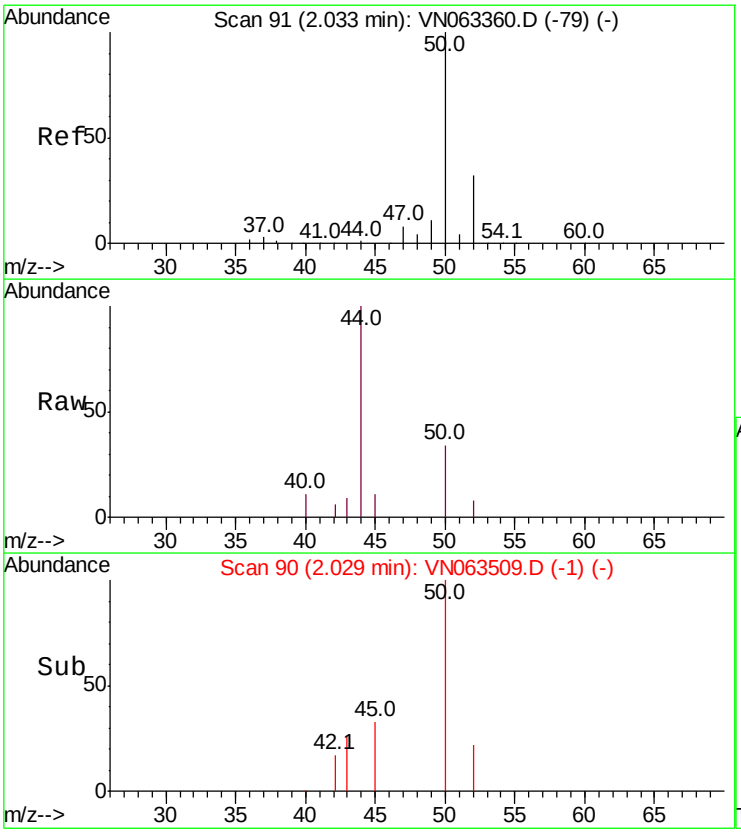
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:168 Resp: 237507

Ion	Ratio	Lower	Upper
168	100		
99	63.9	53.0	79.6

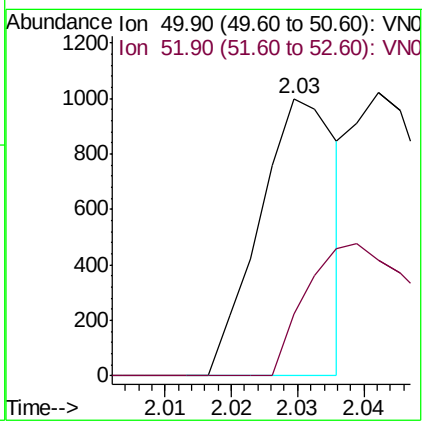


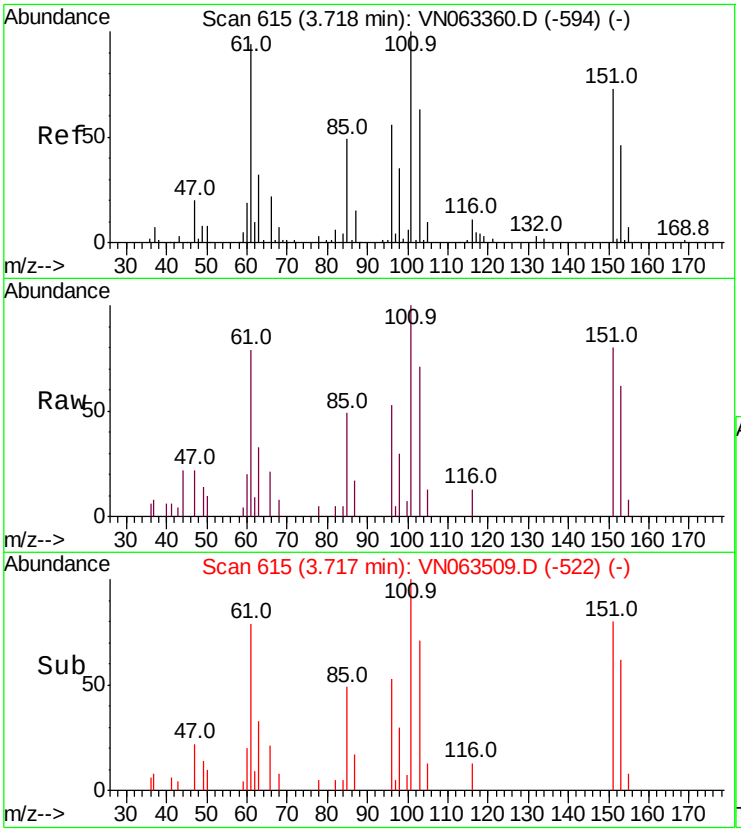


#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.03 min Scan# 90
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 50 Resp: 812

Ion	Ratio	Lower	Upper
50	100		
52	22.1	25.9	38.9#



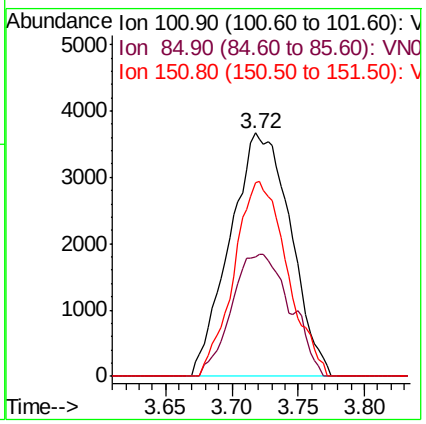


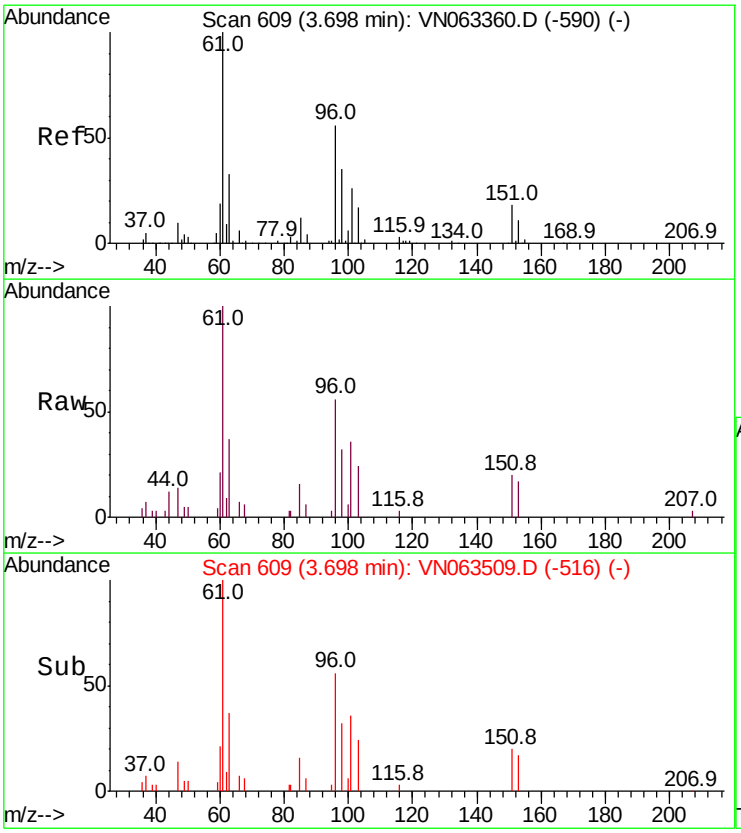
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.429 ug/l
RT: 3.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:101 Resp: 11719

Ion	Ratio	Lower	Upper
101	100		
85	48.2	37.7	56.5
151	69.9	57.7	86.5

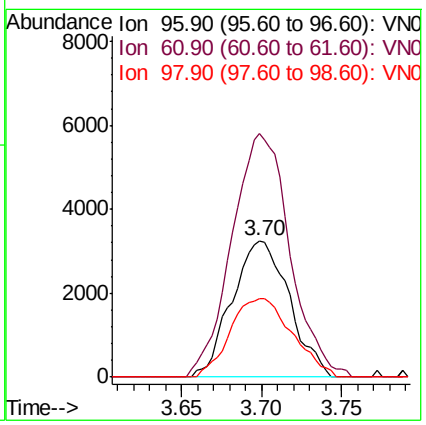


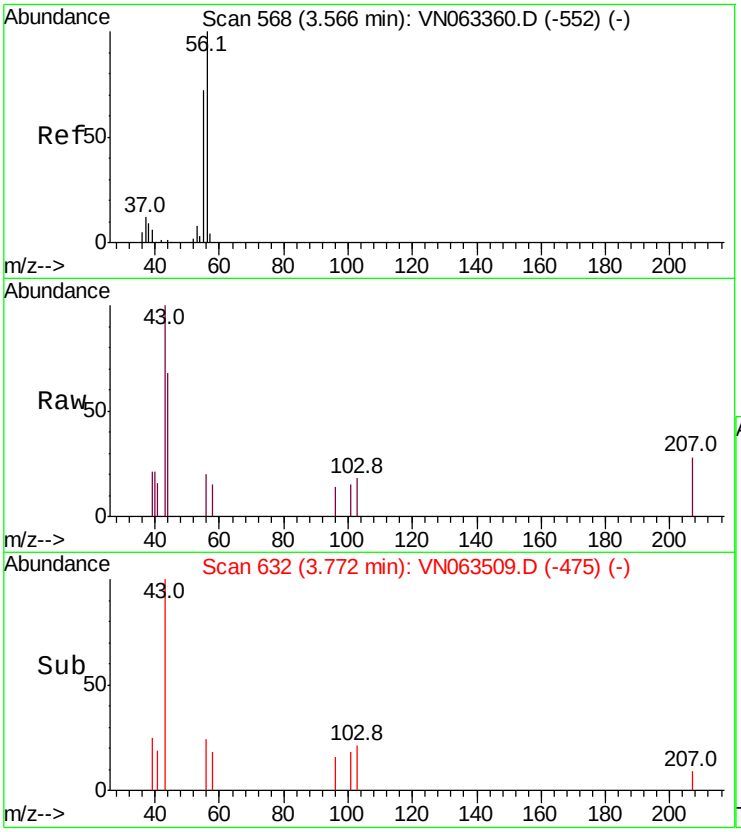


#12
1,1-Dichloroethene
Concen: 2.975 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 96 Resp: 7973

Ion	Ratio	Lower	Upper
96	100		
61	178.1	143.4	215.2
98	57.6	50.6	76.0



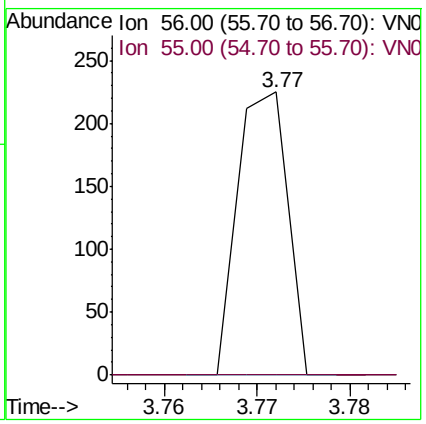


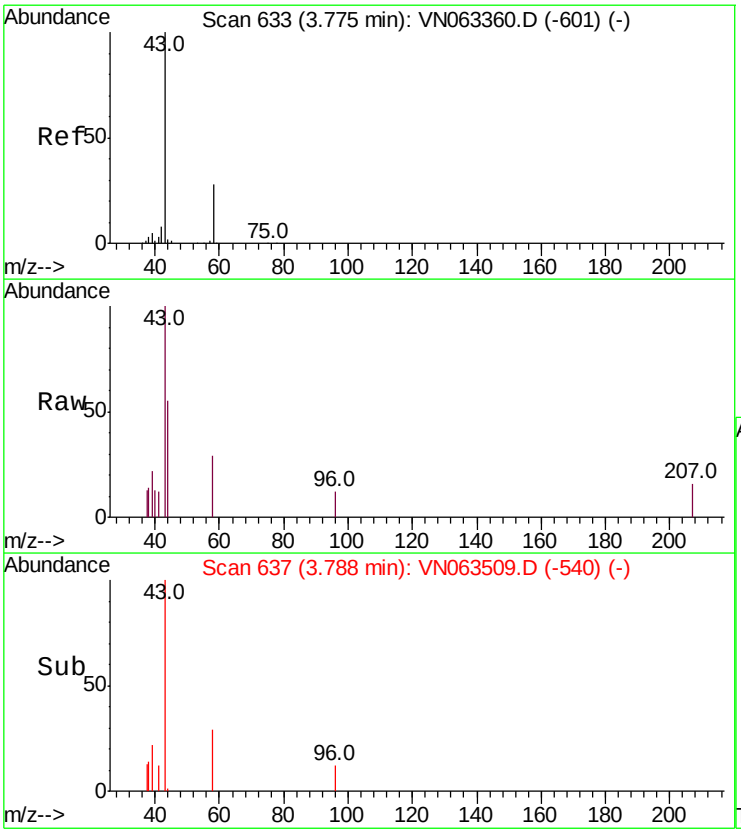
#13
Acrolein
Concen: 0.405 ug/l
RT: 3.77 min Scan# 632
Delta R.T. 0.21 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.2#

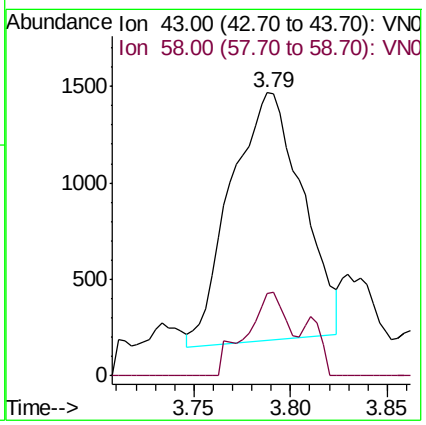


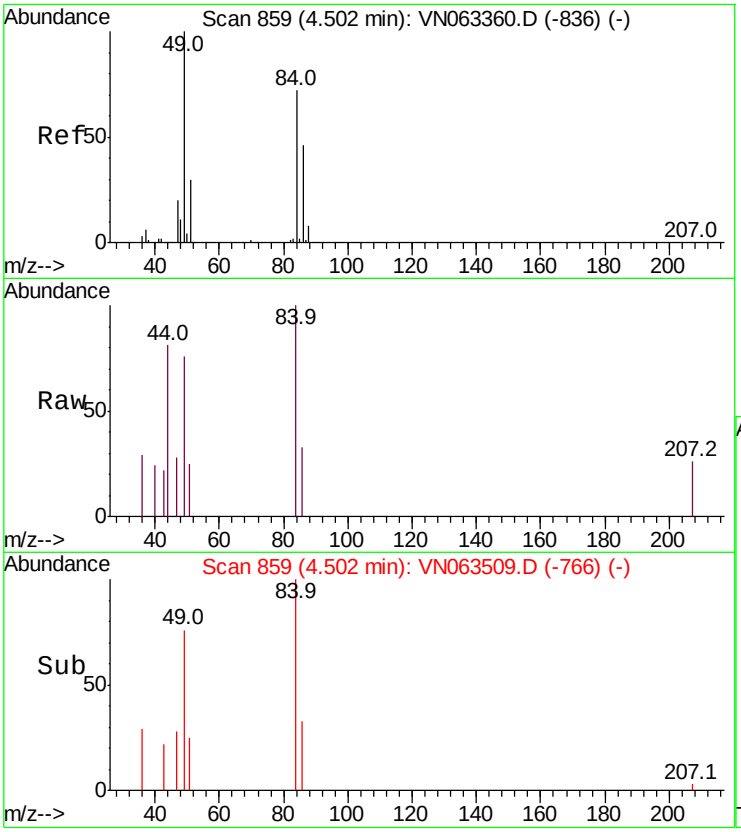


#16
Acetone
Concen: 2.554 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 43 Resp: 3319

Ion	Ratio	Lower	Upper
43	100		
58	34.2	22.3	33.5#



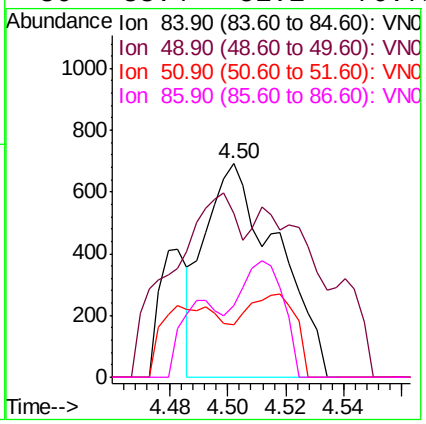


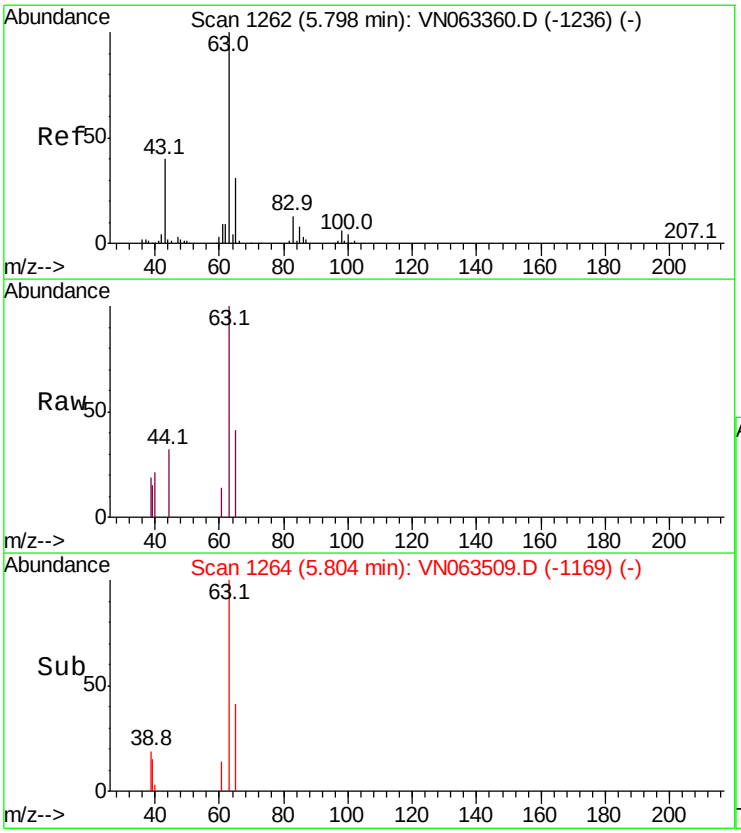
#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Tgt Ion: 84 Resp: 1197

Ion	Ratio	Lower	Upper
84	100		
49	34.2	110.7	166.1#
51	24.6	32.9	49.3#
86	33.4	51.1	76.7#

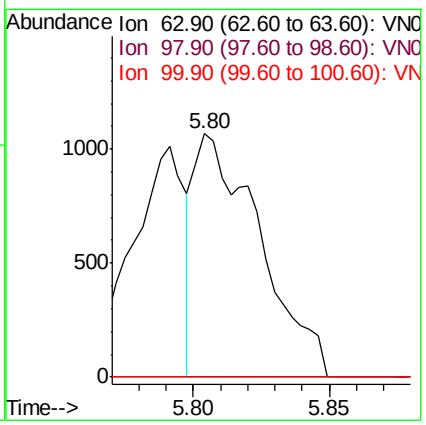


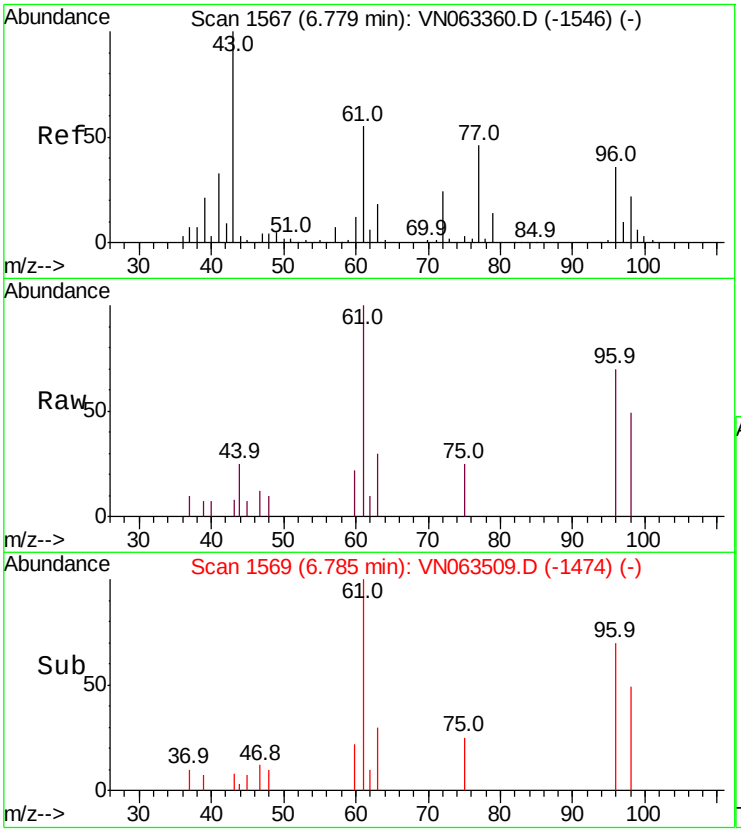


#24
1,1-Dichloroethane
Concen: 0.300 ug/l
RT: 5.80 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 63 Resp: 1773

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.8#
100	0.0	2.1	6.3#



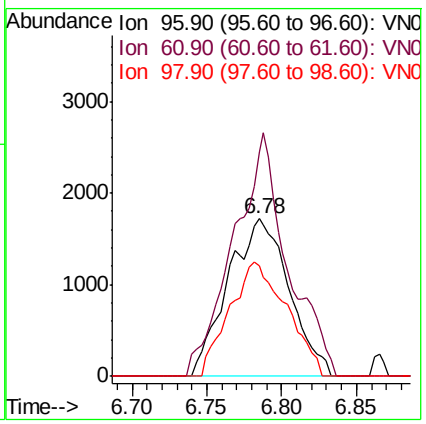


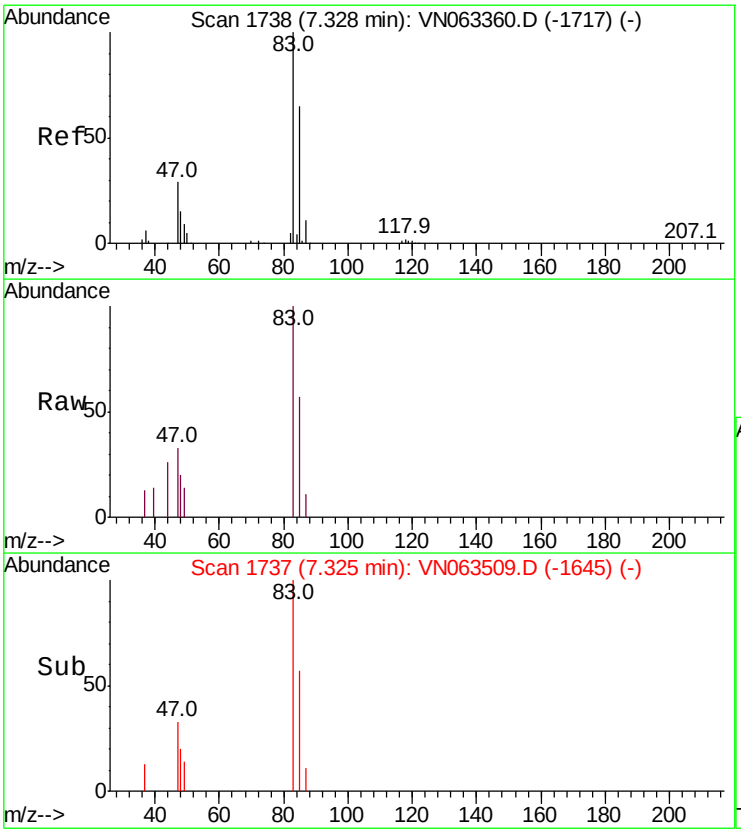
#27
cis-1,2-Dichloroethene
Concen: 1.455 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion: 96 Resp: 4892

Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	319.6
98	67.5	0.0	127.8

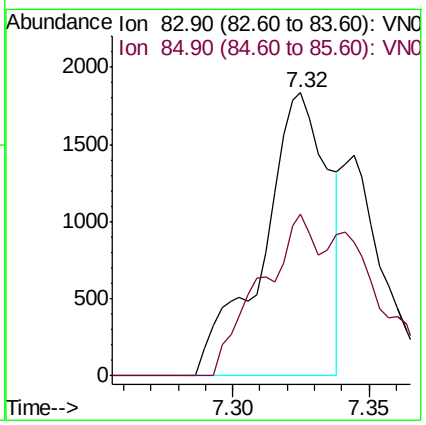


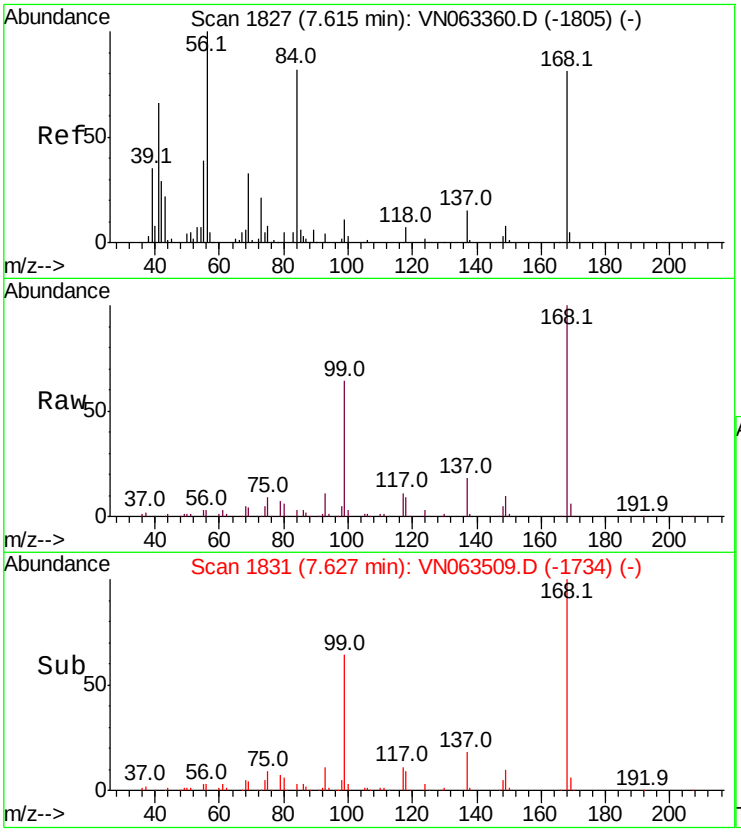


#30
Chloroform
Concen: 0.518 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 83 Resp: 3066

Ion	Ratio	Lower	Upper
83	100		
85	57.1	52.1	78.1



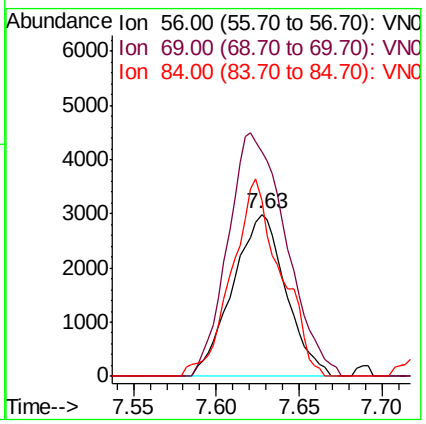


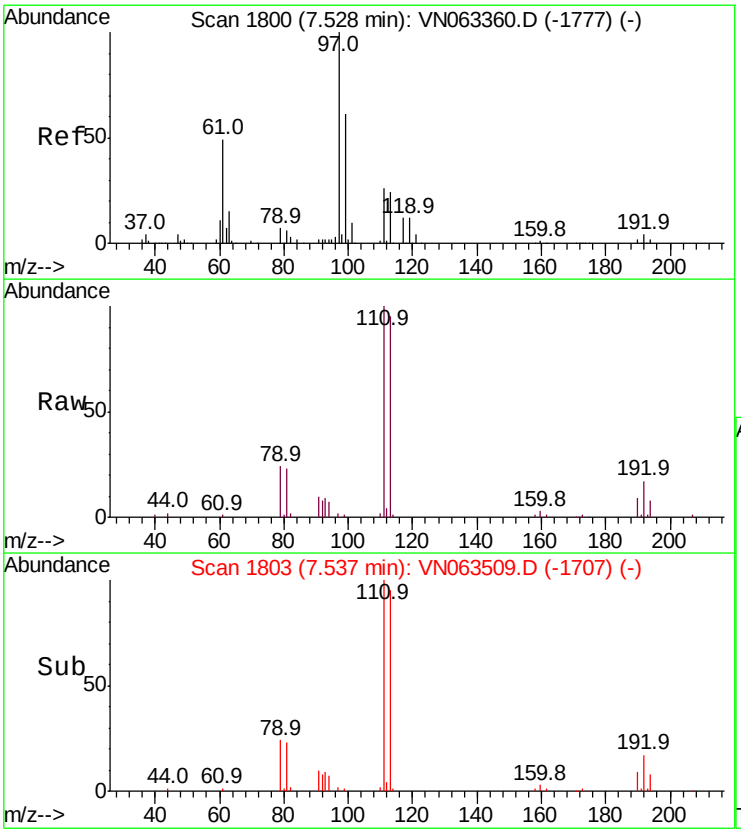
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Tgt Ion: 56 Resp: 6670

Ion	Ratio	Lower	Upper
56	100		
69	138.6	26.1	39.1#
84	108.4	65.4	98.2#

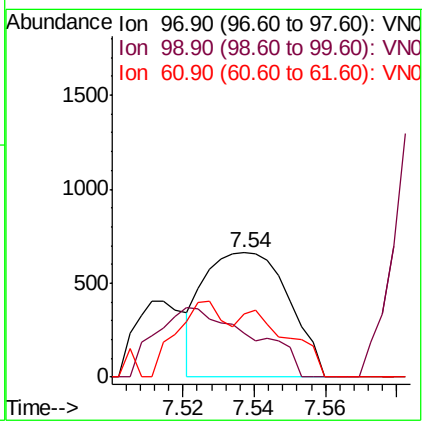


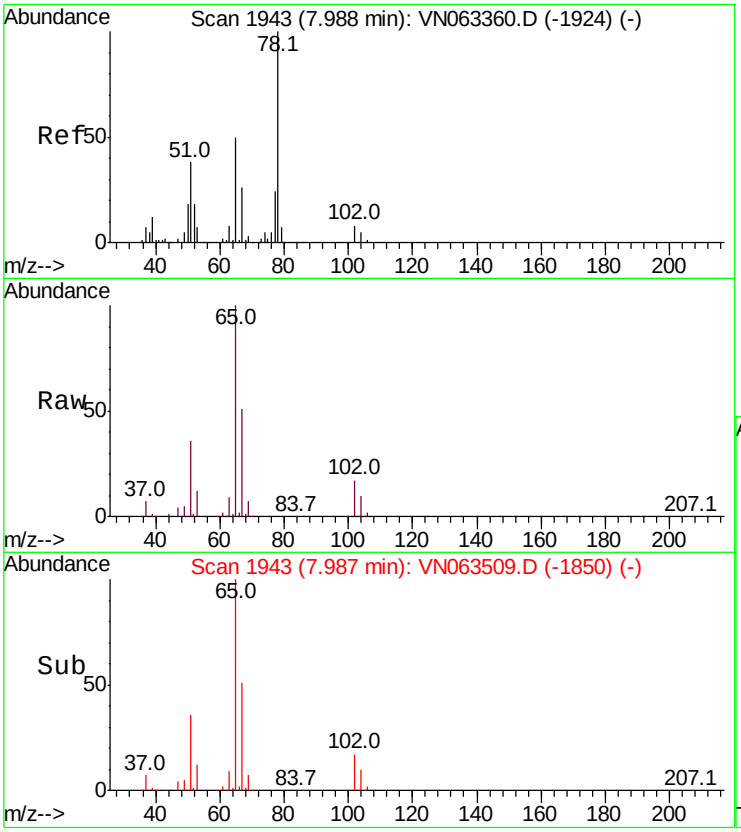


#32
1,1,1-Trichloroethane
Concen: 0.207 ug/l
RT: 7.54 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 97 Resp: 1092

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	36.7	39.2	58.8#



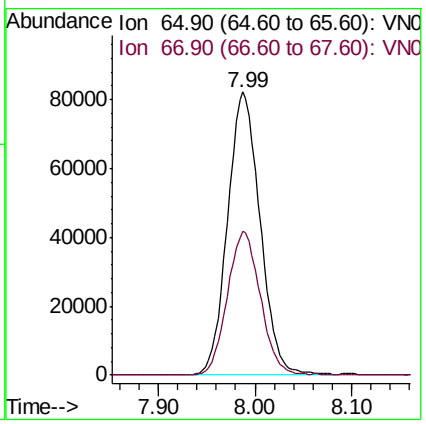


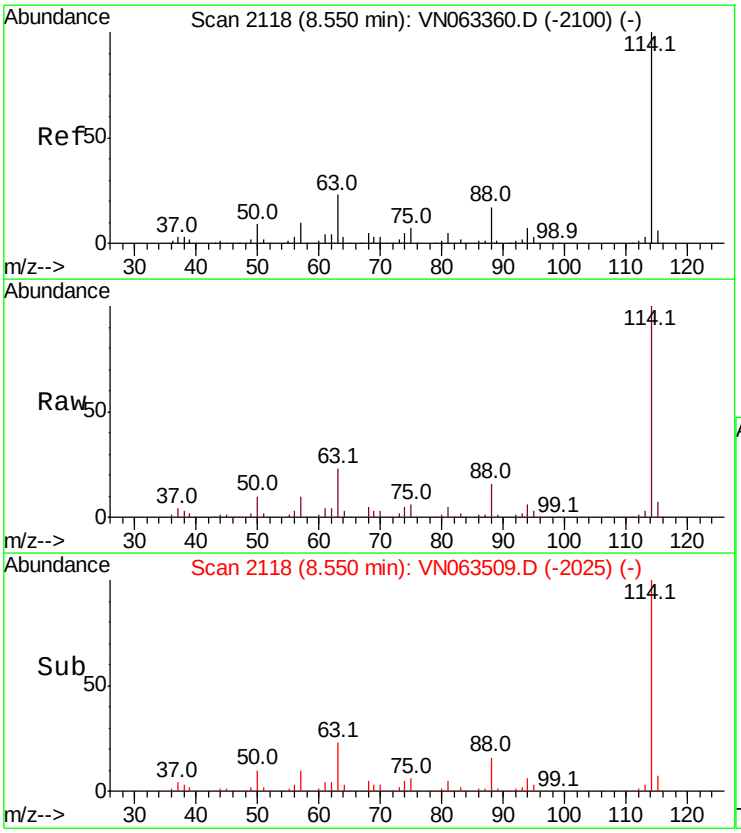
#33
1,2-Dichloroethane-d4
Concen: 47.593 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Tgt Ion: 65 Resp: 192418

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.2

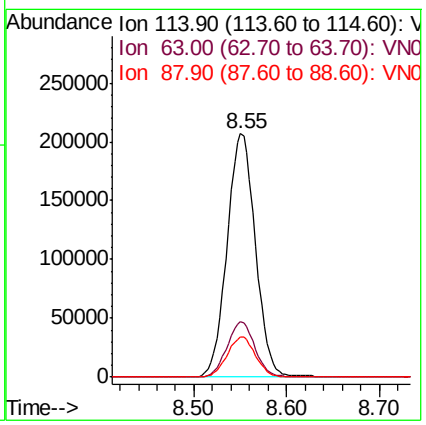


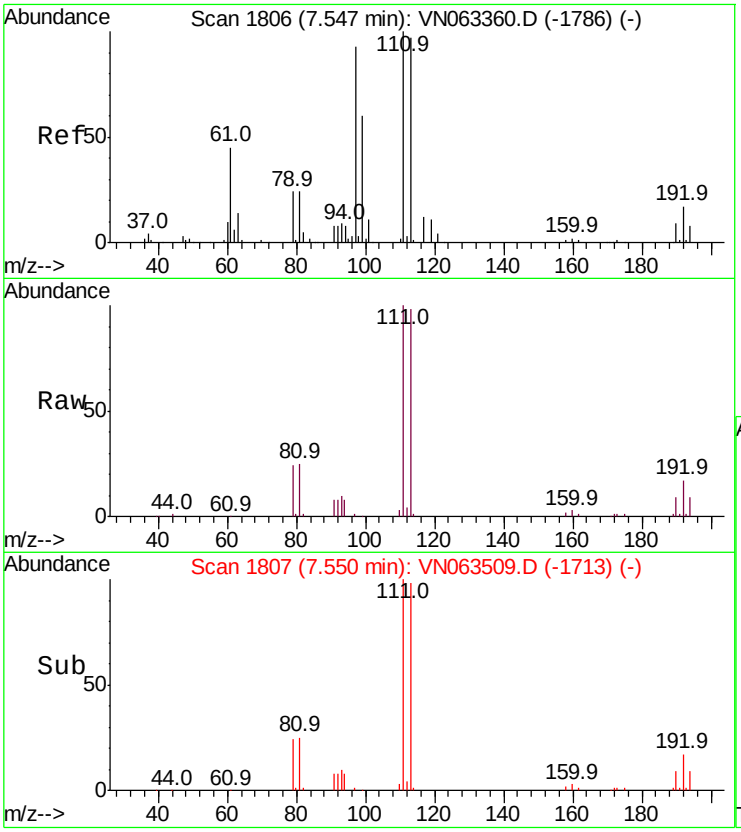


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion:114 Resp: 438609

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.4
88	16.3	0.0	33.2



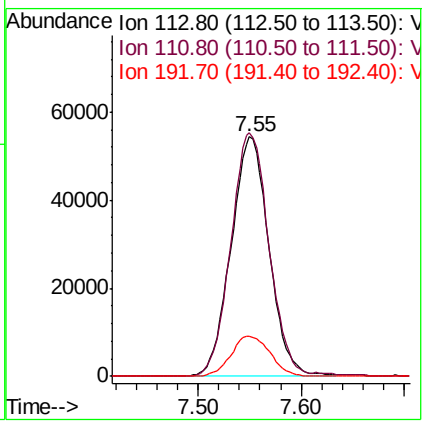


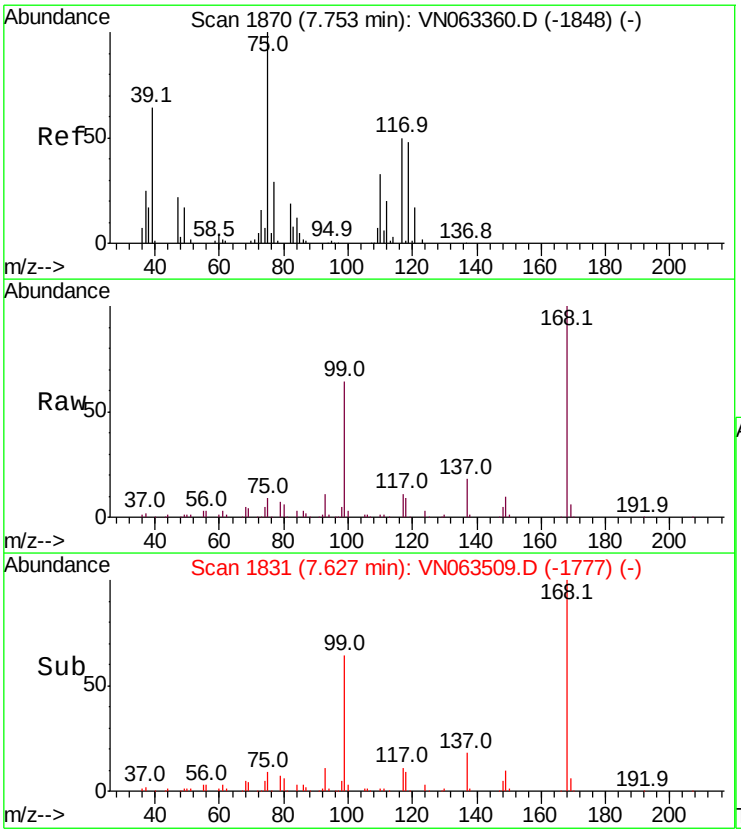
#35
Dibromofluoromethane
Concen: 45.857 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:113 Resp: 139239

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	17.3	13.9	20.9

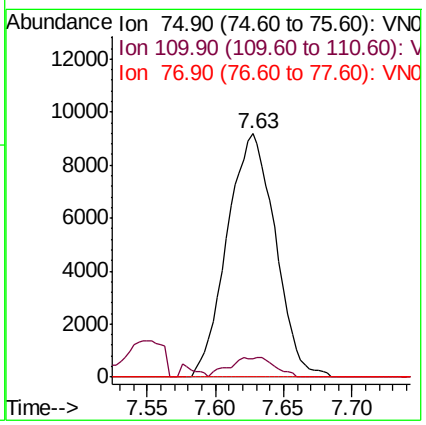


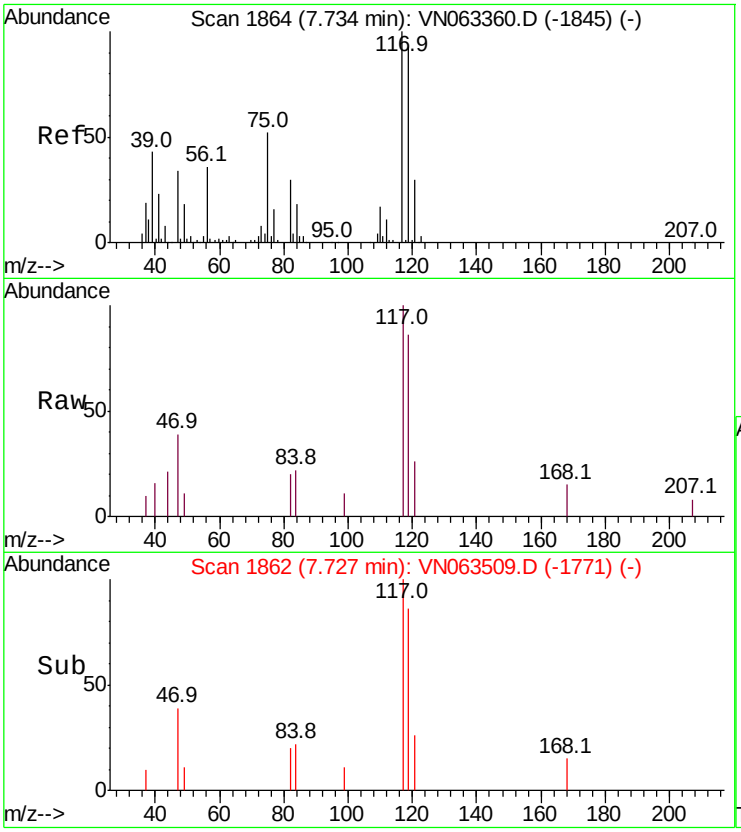


#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 75 Resp: 22500

Ion	Ratio	Lower	Upper
75	100		
110	4.2	16.5	49.5#
77	0.0	24.6	36.8#



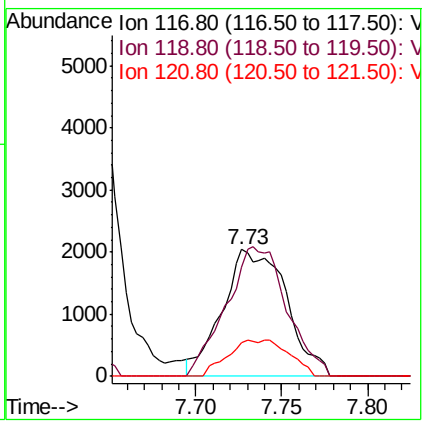


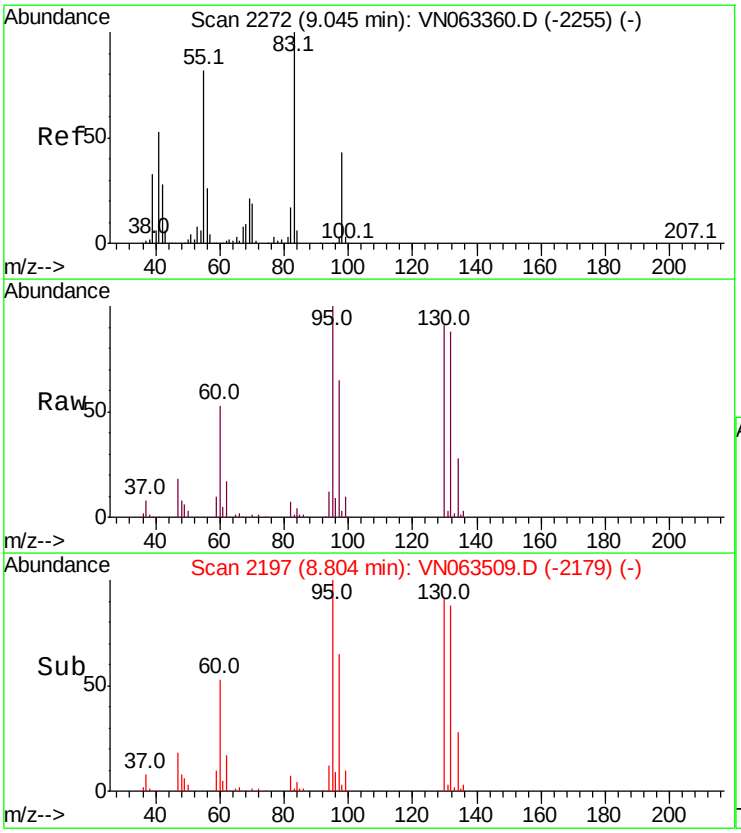
#38
Carbon Tetrachloride
Concen: 1.105 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:117 Resp: 5272

Ion	Ratio	Lower	Upper
117	100		
119	85.9	74.5	111.7
121	26.1	24.1	36.1

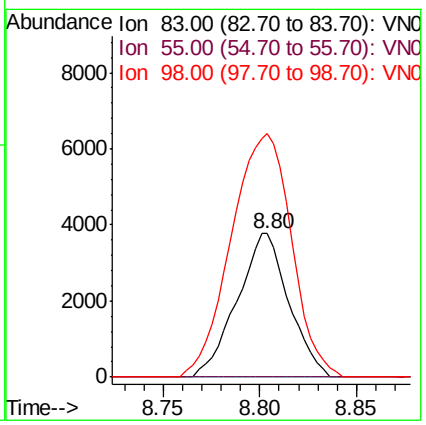


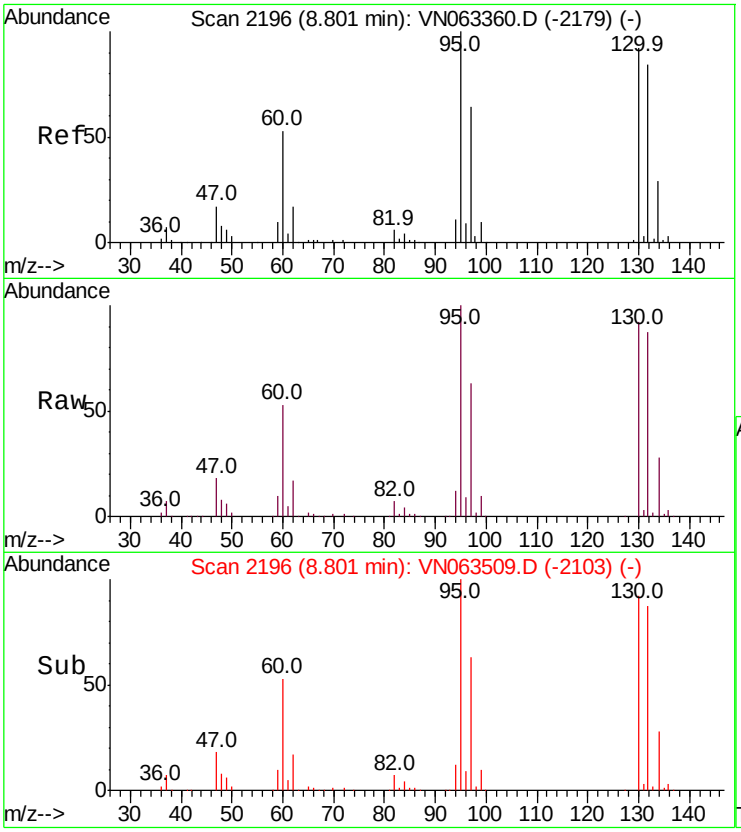


#39
Methylcyclohexane
Concen: 1.381 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 83 Resp: 7002

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.5	98.3#
98	165.8	34.2	51.4#



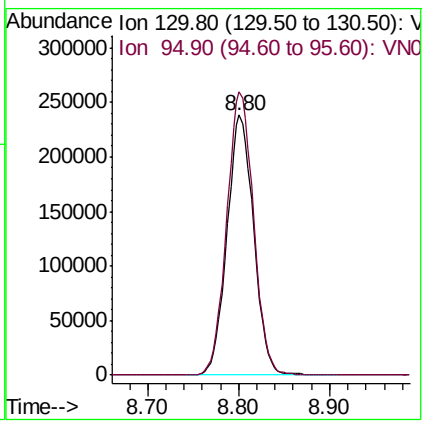


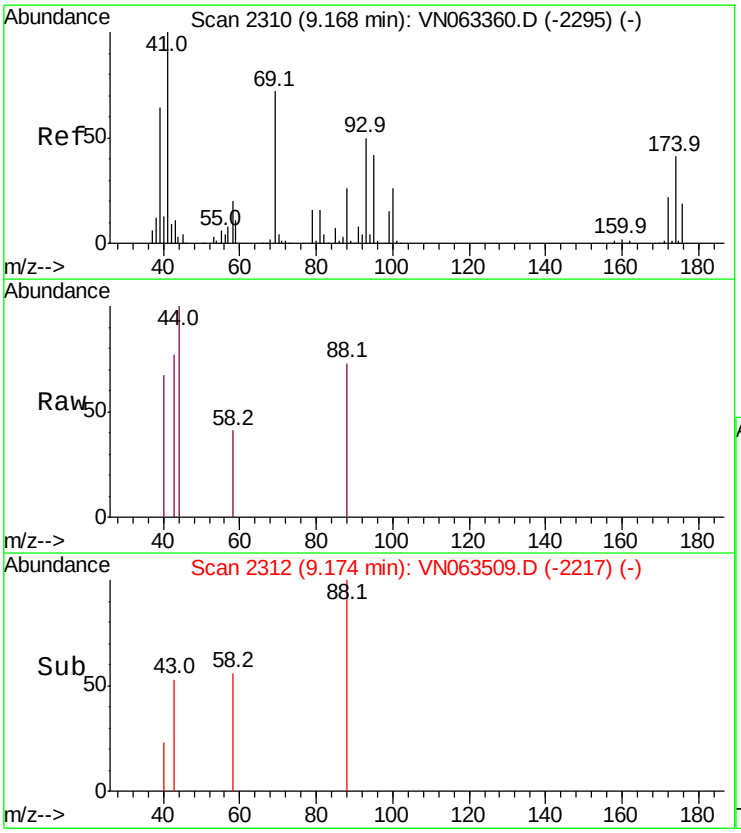
#44
Trichloroethene
Concen: 150.310 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:130 Resp: 486301

Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	217.4

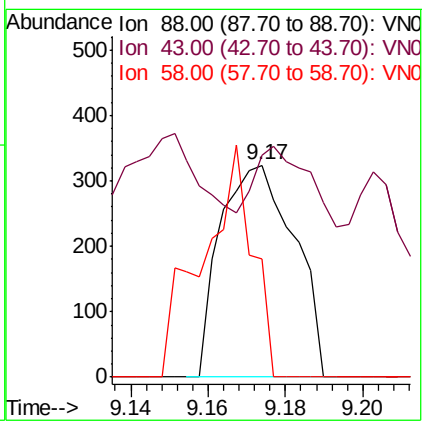


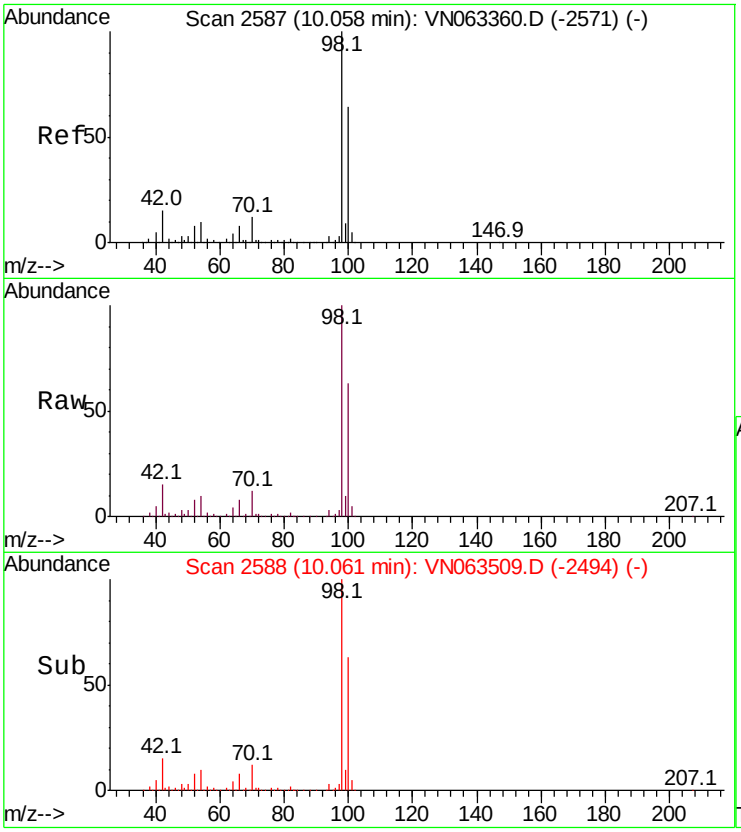


#49
1,4-Dioxane
Concen: 7.454 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 88 Resp: 431

Ion	Ratio	Lower	Upper
88	100		
43	32.0	32.6	49.0#
58	73.5	60.0	90.0



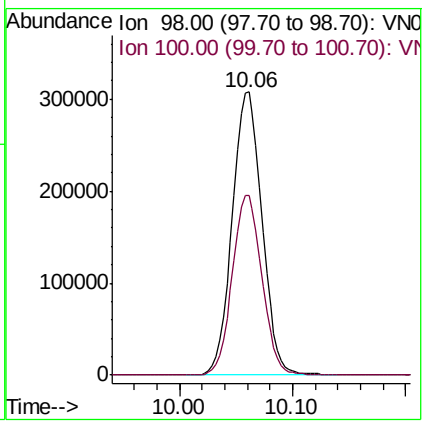


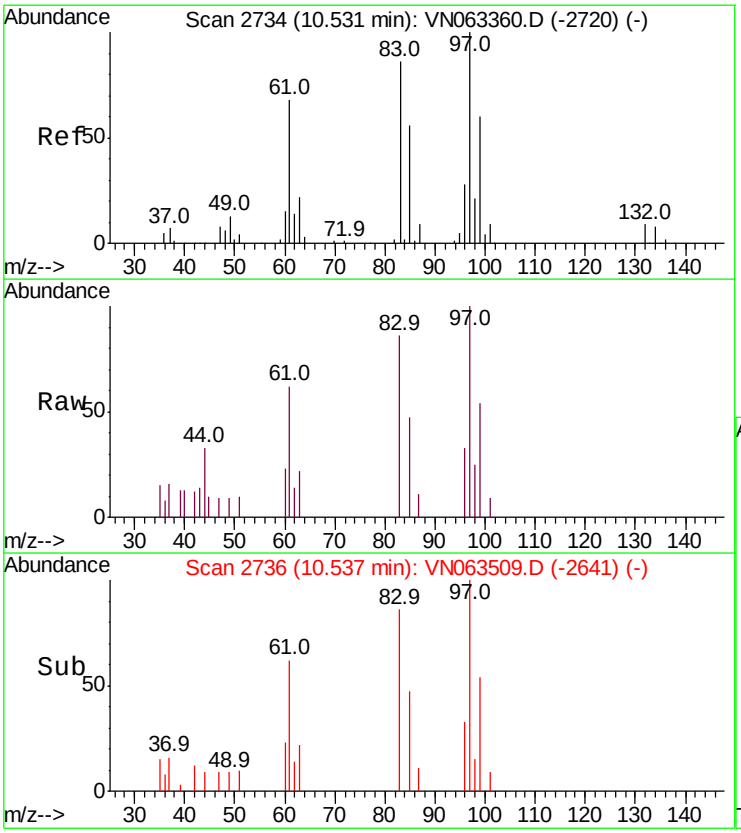
#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Tgt Ion: 98 Resp: 564360

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1

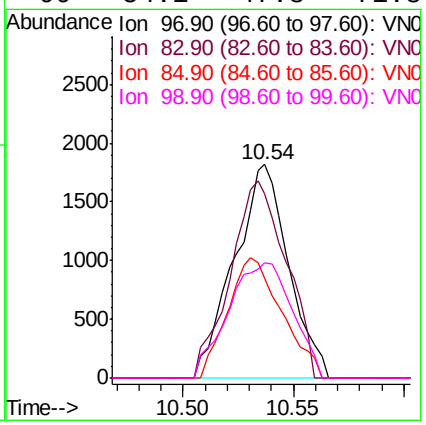


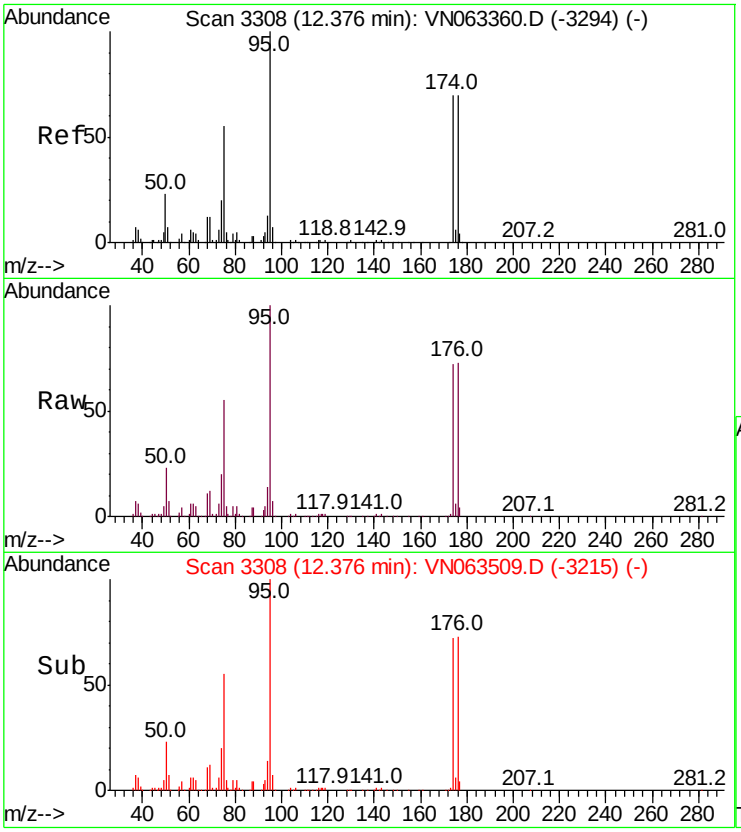


#55
1,1,2-Trichloroethane
Concen: 0.972 ug/l
RT: 10.54 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 97 Resp: 3096

Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.9	103.3
85	46.6	44.8	67.2
99	54.1	47.8	71.8



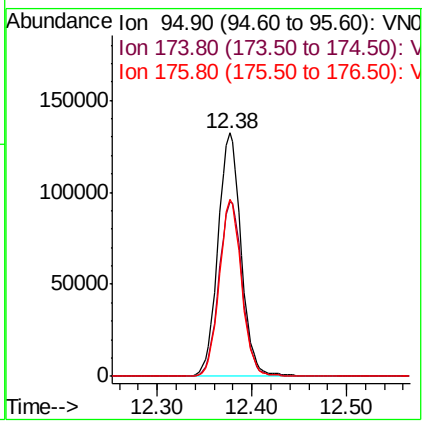


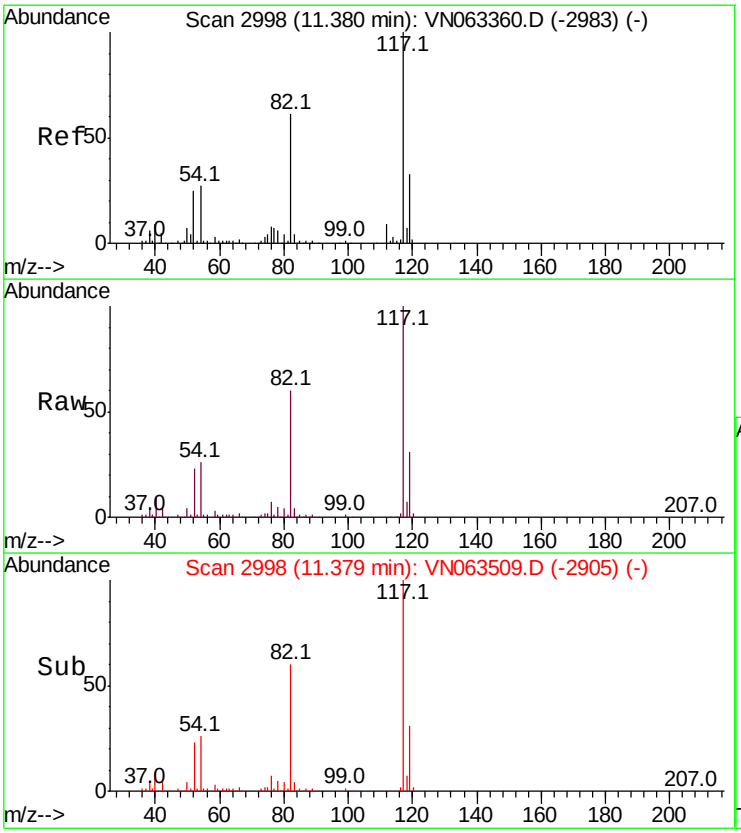
#62
4-Bromofluorobenzene
Concen: 53.632 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument : MSVOA_N
ClientSampleId : RE139D1-20200915

Tgt Ion: 95 Resp: 224472

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	140.8
176	70.3	0.0	137.6

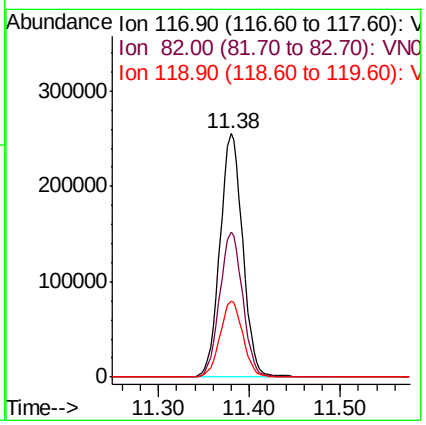


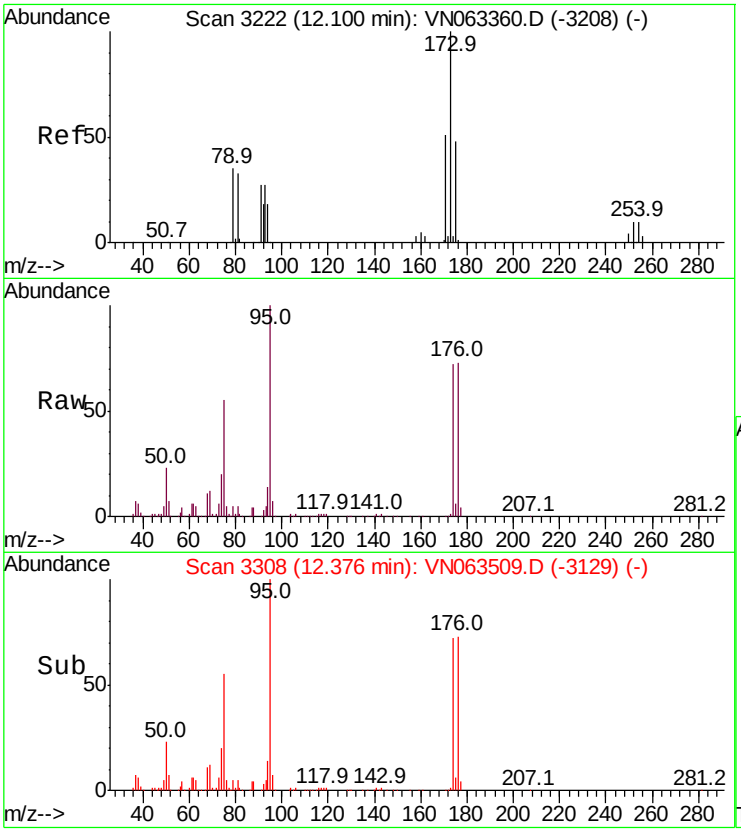


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion:117 Resp: 442946

Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.2	73.8
119	31.4	26.2	39.4



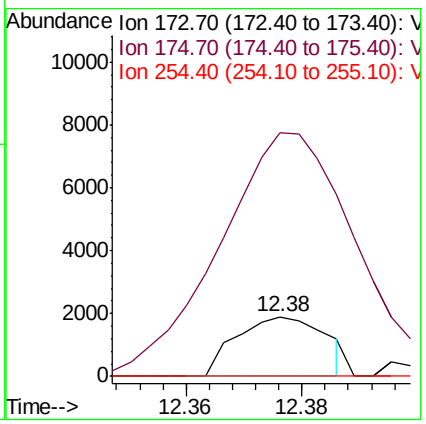


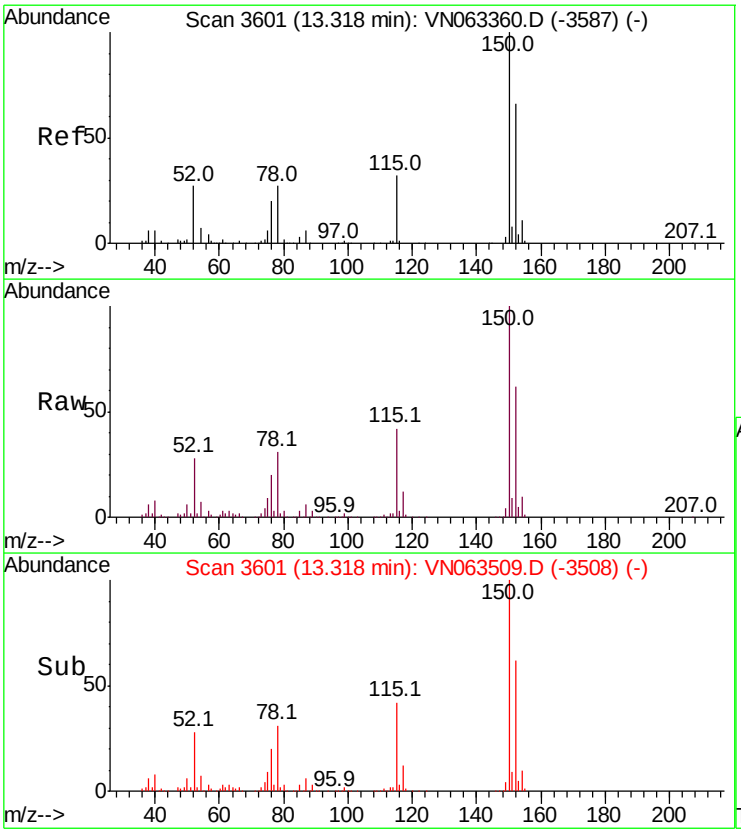
#71
Bromoform
Concen: 0.791 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion:173 Resp: 2030

Ion	Ratio	Lower	Upper
173	100		
175	512.2	24.0	72.0#
254	0.0	0.0	0.0

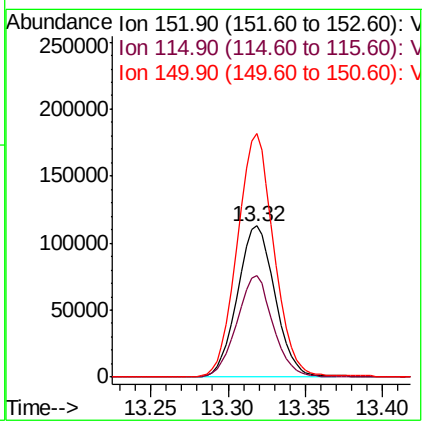


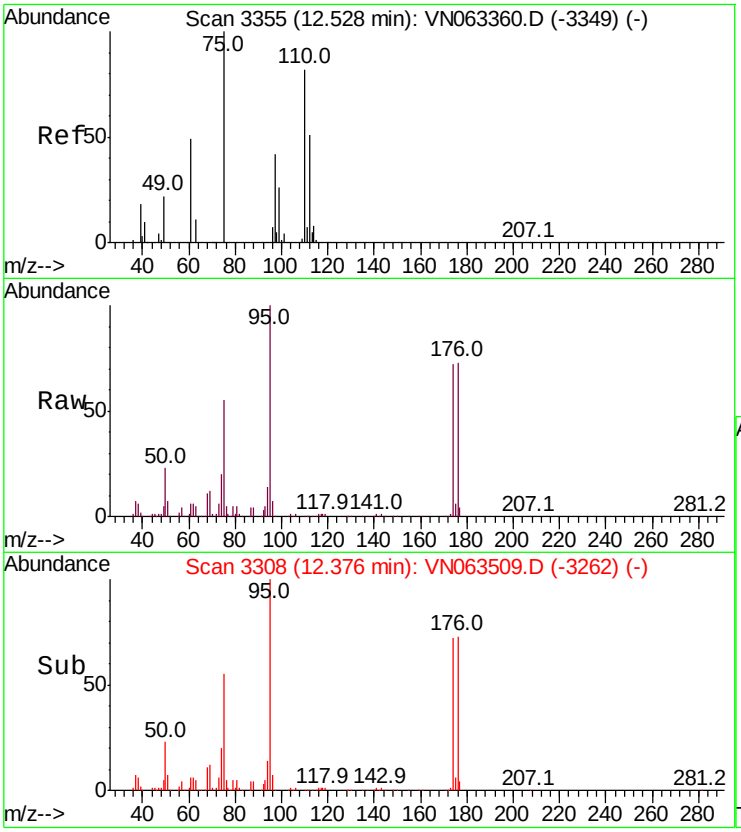


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion:152 Resp: 191034

Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.2	96.6
150	157.8	0.0	343.4



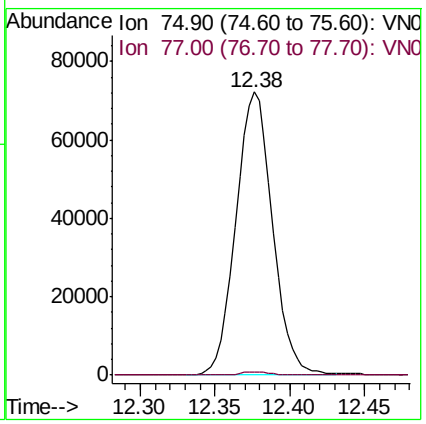


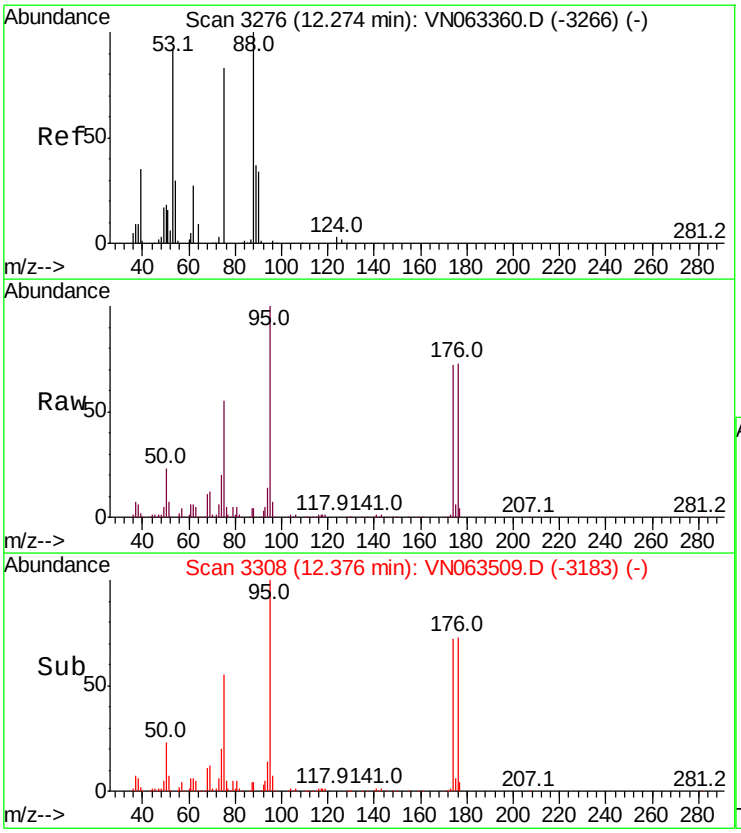
#76
1,2,3-Trichloropropane
Concen: 25.981 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20200915

Tgt Ion: 75 Resp: 122846

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.229 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063509.D
Acq: 22 Sep 2020 1:42

Tgt Ion: 75 Resp: 122846

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.7	128.5#
89	0.0	38.0	57.0#