Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063507.D
Acq On : 22 Sep 2020 00:53
Operator : JC/MD
Sample : L4082-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE117D1-20200915

Quant Time: Sep 22 04:59:33 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	238009	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	442385	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	441987	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184338	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	192568	47.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.06%				
35) Dibromofluoromethane	7.55	113	142048	46.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.76%				
50) Toluene-d8	10.06	98	566093	49.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.32%				
62) 4-Bromofluorobenzene	12.38	95	221057	52.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.74%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1676	0.470	ug/l		94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	922	0.348	ug/l	#	57
11) Tert butyl alcohol	4.73	59	116	0.207	ug/l	#	72
12) 1,1-Dichloroethene	3.70	96	1026	0.382	ug/l		82
16) Acetone	3.79	43	5472	4.202	ug/l	#	79
20) Methylene Chloride	4.51	84	1559	0.473	ug/l	#	70
25) 2-Butanone	6.77	43	469	0.234	ug/l	#	51
26) 2,2-Dichloropropane	6.77	77	1234	0.237	ug/l	#	55
27) cis-1,2-Dichloroethene	6.78	96	861	0.256	ug/l	#	1
30) Chloroform	7.33	83	1765	0.297	ug/l	#	70
31) Cyclohexane	7.62	56	6574	1.175	ug/l	#	14
36) 1,1-Dichloropropene	7.63	75	21922	4.651	ug/l	#	51
38) Carbon Tetrachloride	7.73	117	4491	0.933	ug/l	#	64
39) Methylcyclohexane	8.80	83	2742	0.536	ug/l	#	1
44) Trichloroethene	8.80	130	243447	74.604	ug/l		100
55) 1,1,2-Trichloroethane	10.54	97	1357	0.422	ug/l	#	75
76) 1,2,3-Trichloropropane	12.38	75	123071	26.974	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	123071	73.952	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\
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Sample : L4082-02
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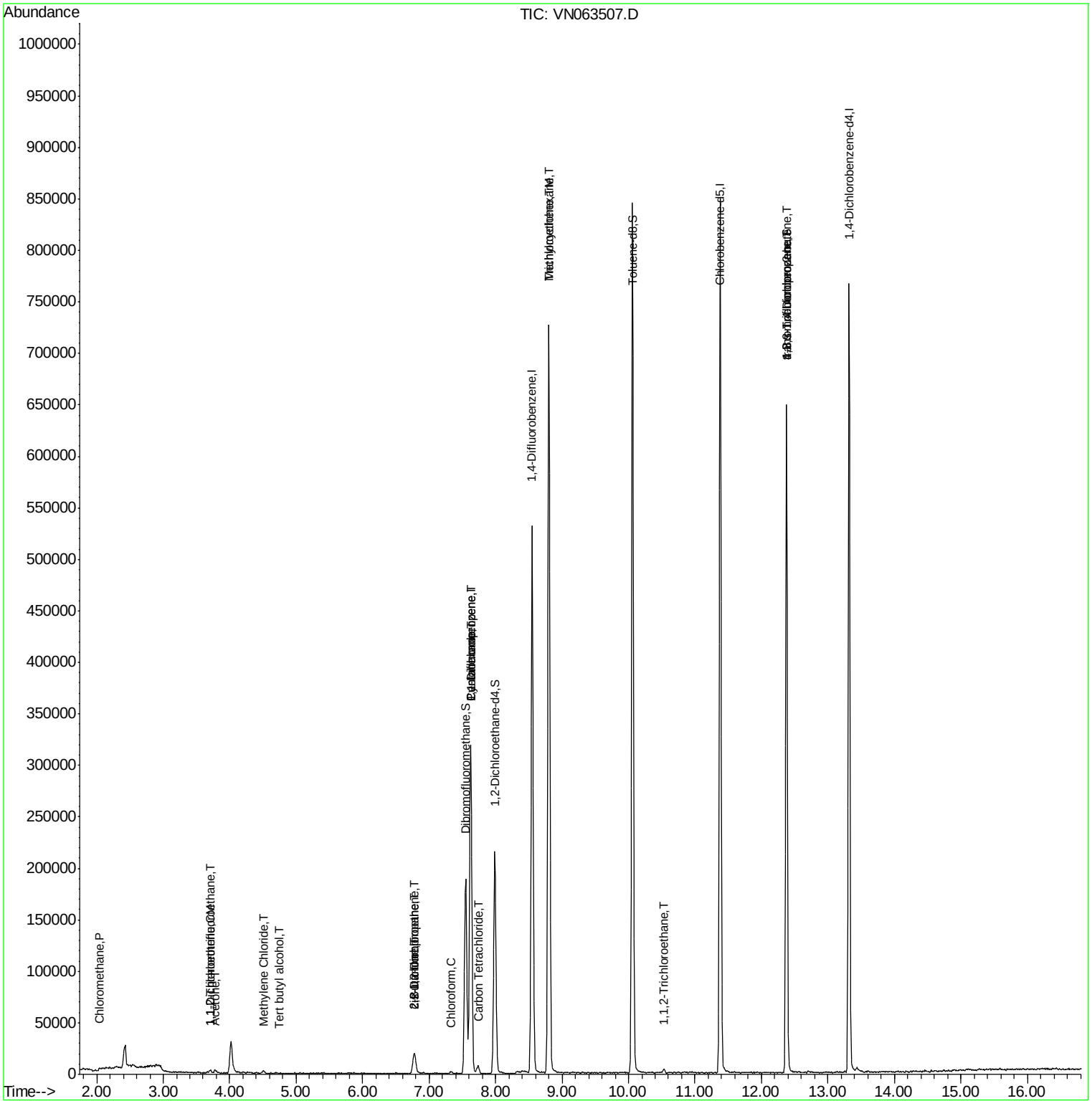
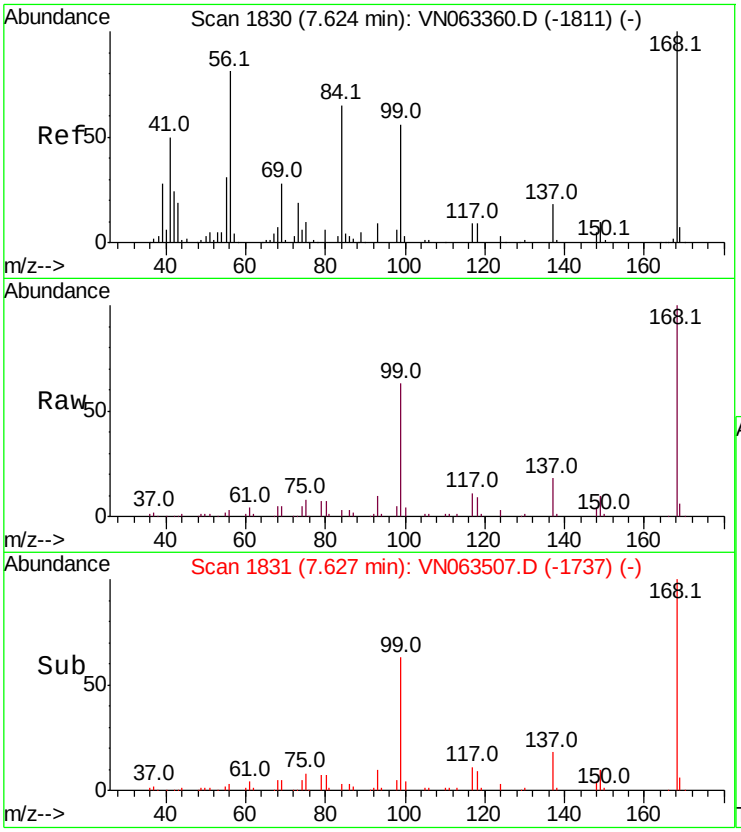
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration



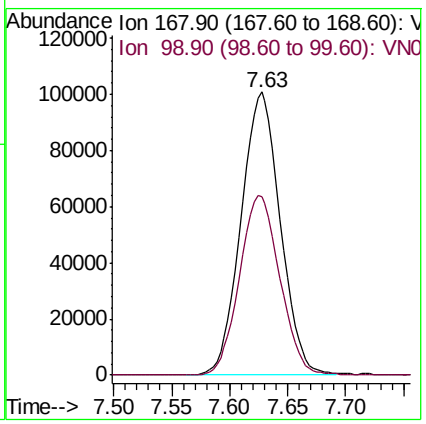


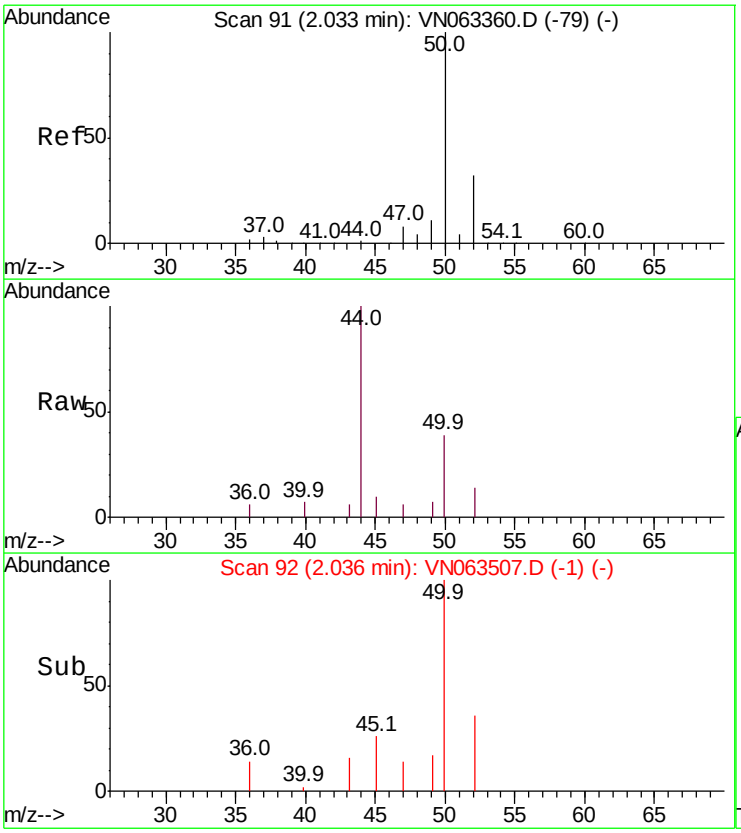
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:168 Resp: 238009

Ion	Ratio	Lower	Upper
168	100		
99	63.2	53.0	79.6

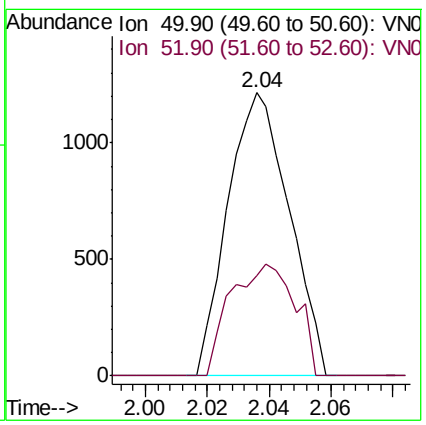


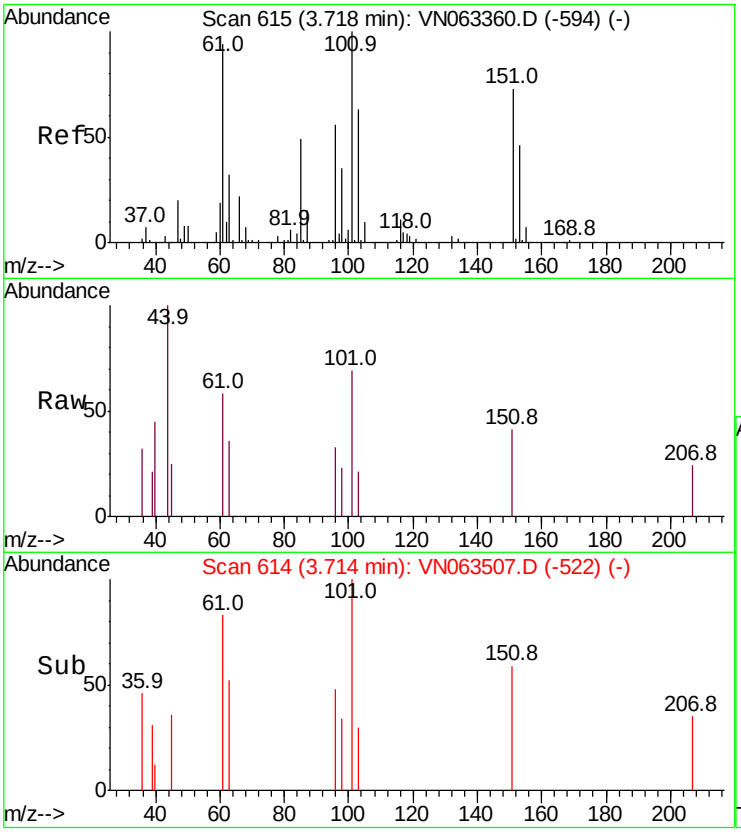


#3
Chloromethane
Concen: 0.470 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 50 Resp: 1676

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.9	38.9



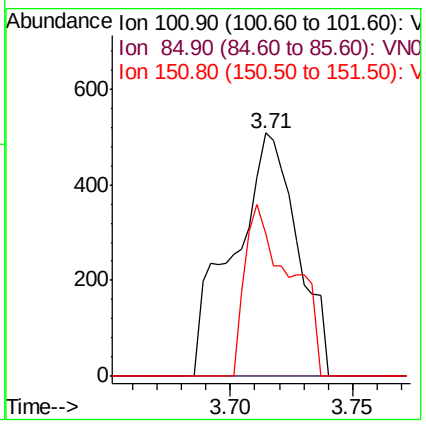


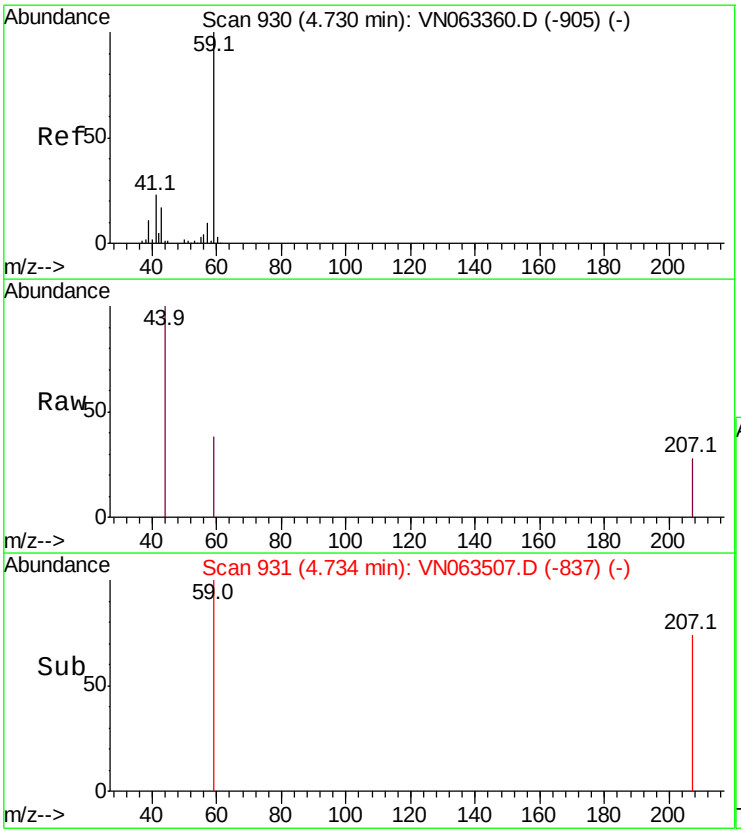
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.348 ug/l
RT: 3.71 min Scan# 614
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:101 Resp: 922

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.7	56.5#
151	50.5	57.7	86.5#

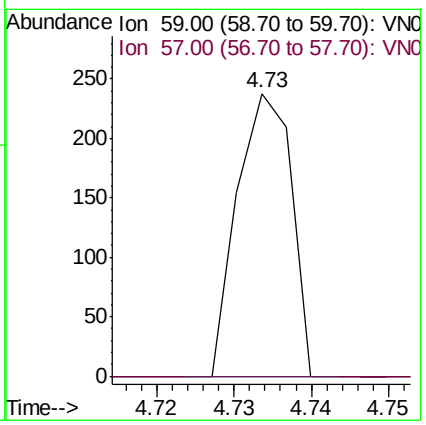


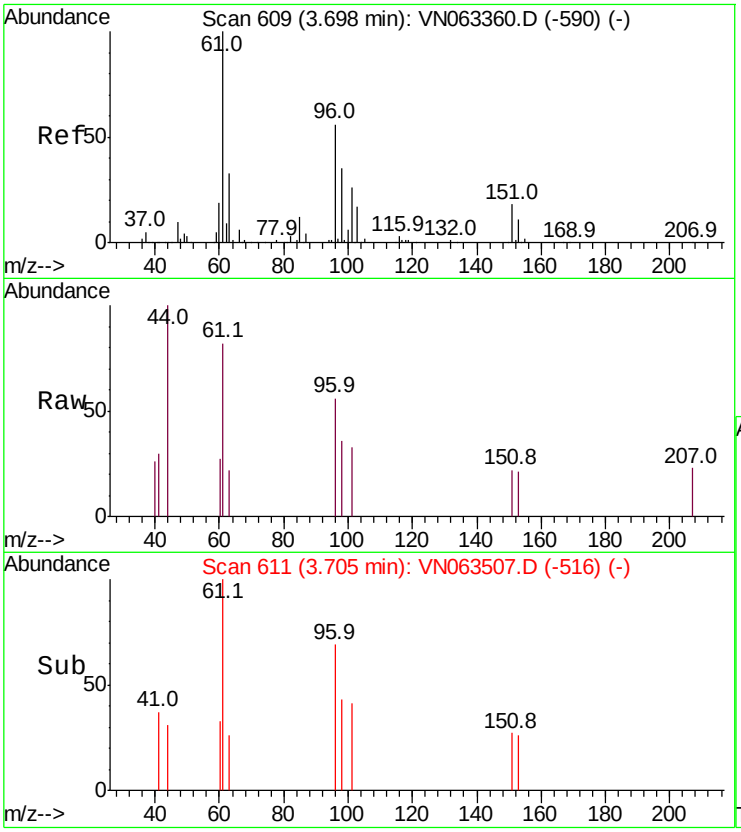


#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 59 Resp: 116

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



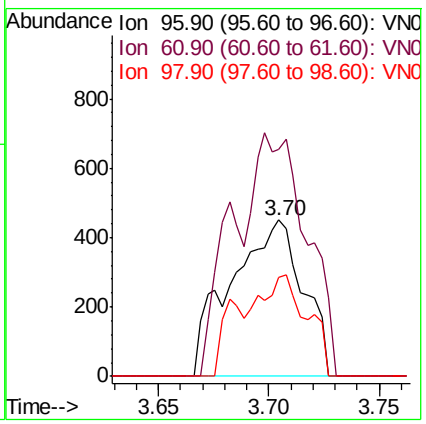


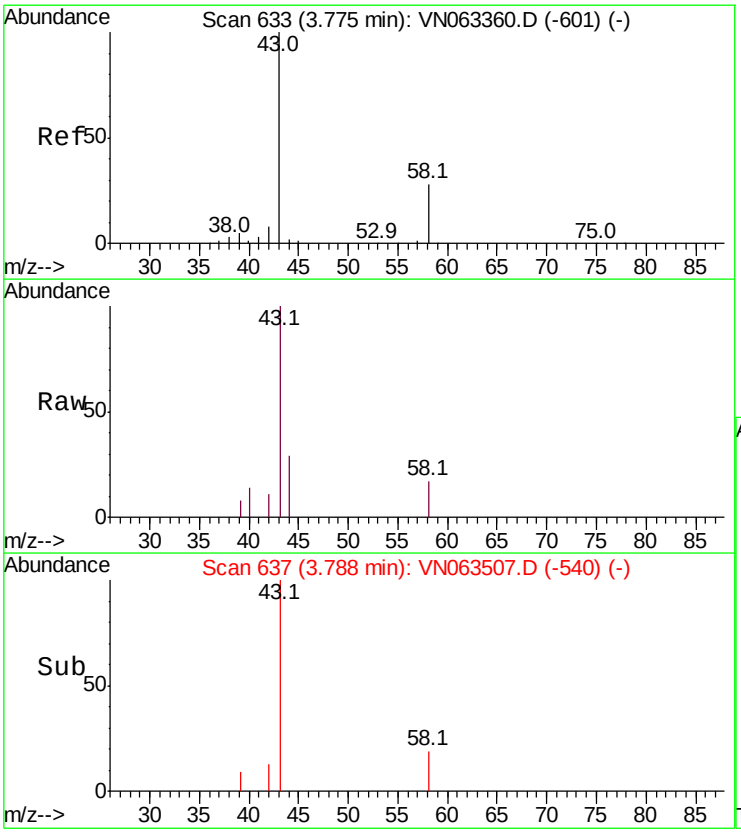
#12
1,1-Dichloroethene
Concen: 0.382 ug/l
RT: 3.70 min Scan# 611
Delta R.T. 0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument : MSVOA_N
ClientSampleId : RE117D1-20200915

Tgt Ion: 96 Resp: 1026

Ion	Ratio	Lower	Upper
96	100		
61	145.3	143.4	215.2
98	63.1	50.6	76.0

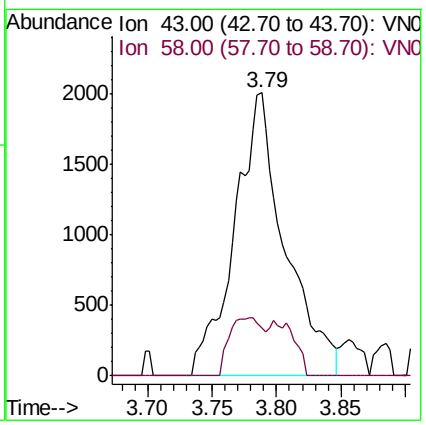


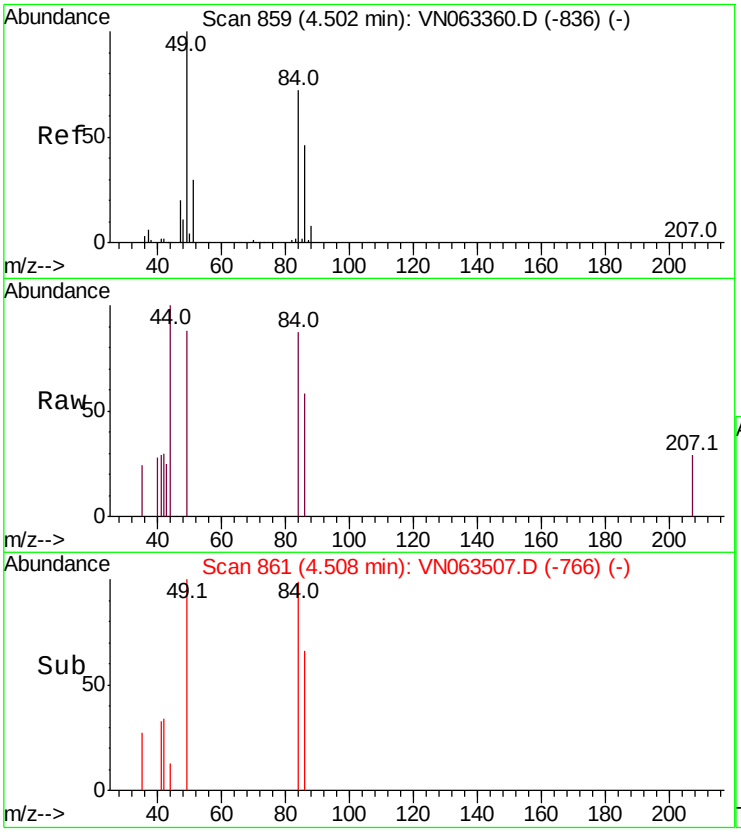


#16
Acetone
Concen: 4.202 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 43 Resp: 5472

Ion	Ratio	Lower	Upper
43	100		
58	17.1	22.3	33.5#



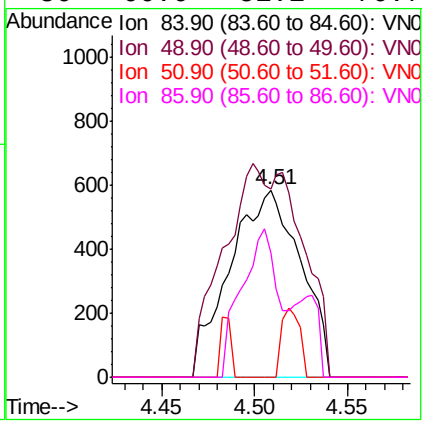


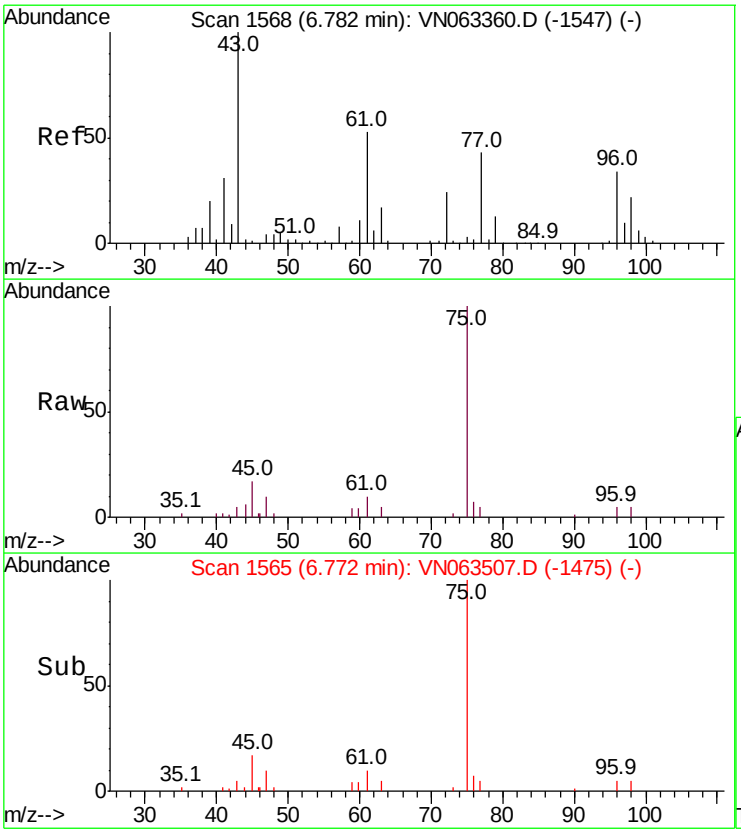
#20
Methylene Chloride
Concen: 0.473 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument : MSVOA_N
ClientSampleId : RE117D1-20200915

Tgt Ion: 84 Resp: 1559

Ion	Ratio	Lower	Upper
84	100		
49	100.5	110.7	166.1#
51	0.0	32.9	49.3#
86	66.6	51.1	76.7

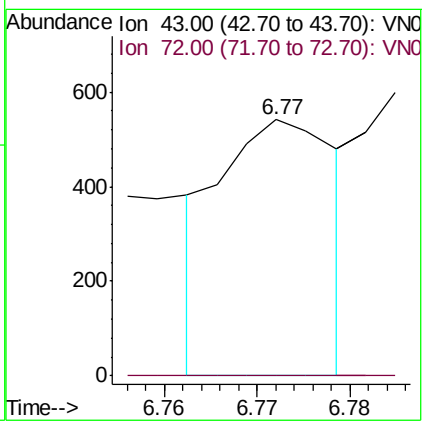


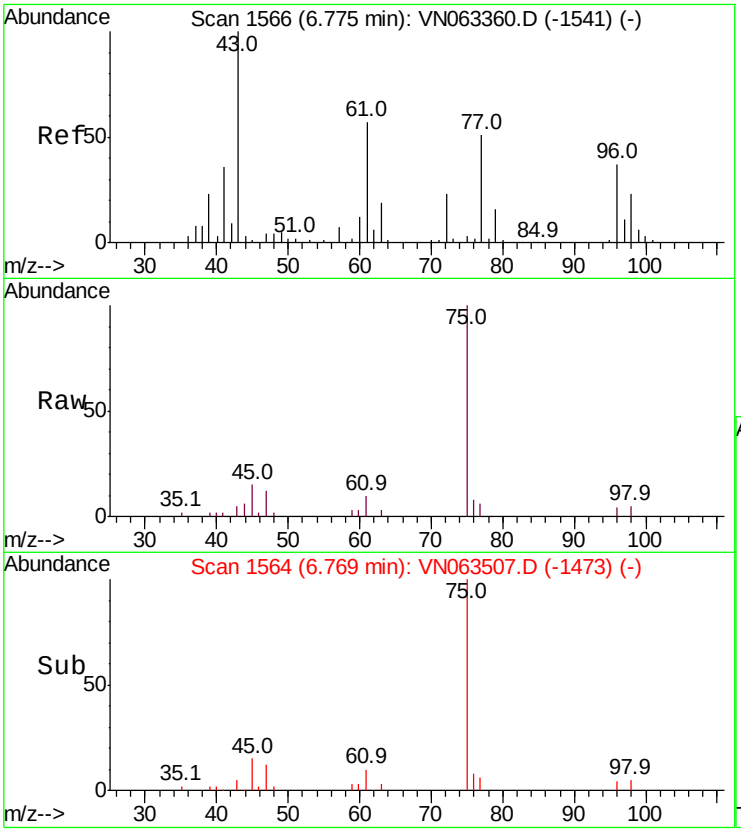


#25
2-Butanone
Concen: 0.234 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 43 Resp: 469

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



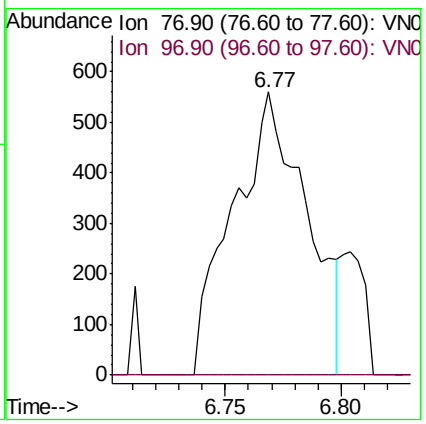


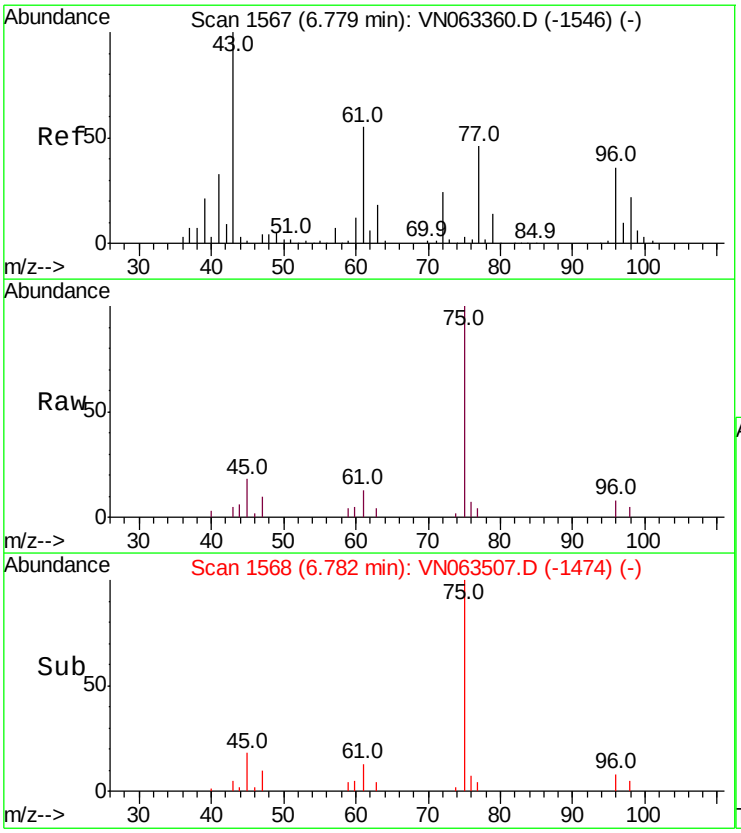
#26
2,2-Dichloropropane
Concen: 0.237 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument : MSVOA_N
ClientSampleId : RE117D1-20200915

Tgt Ion: 77 Resp: 1234

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.5	31.6#

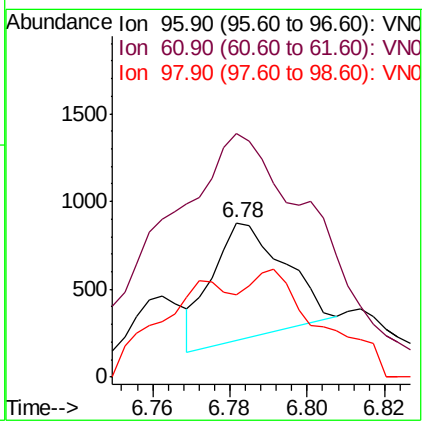


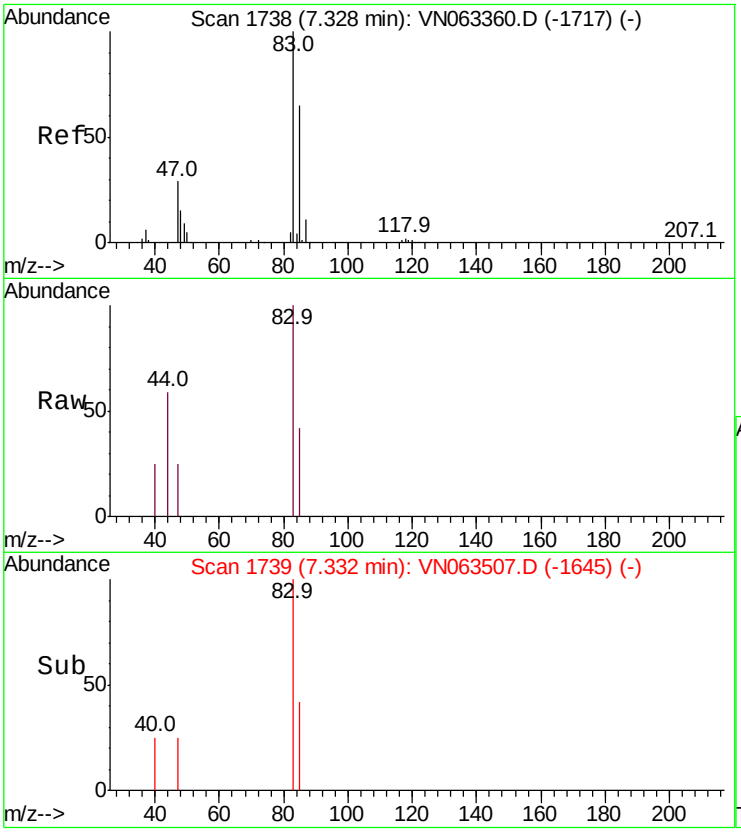


#27
cis-1,2-Dichloroethene
Concen: 0.256 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 96 Resp: 861

Ion	Ratio	Lower	Upper
96	100		
61	476.4	0.0	319.6#
98	92.2	0.0	127.8



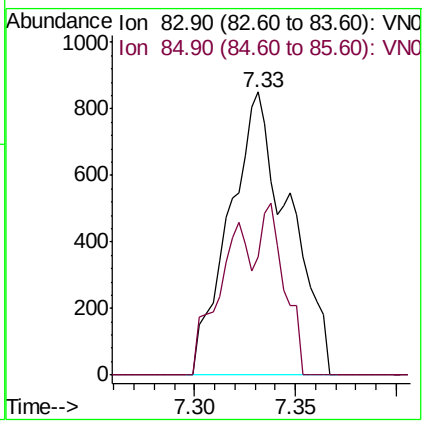


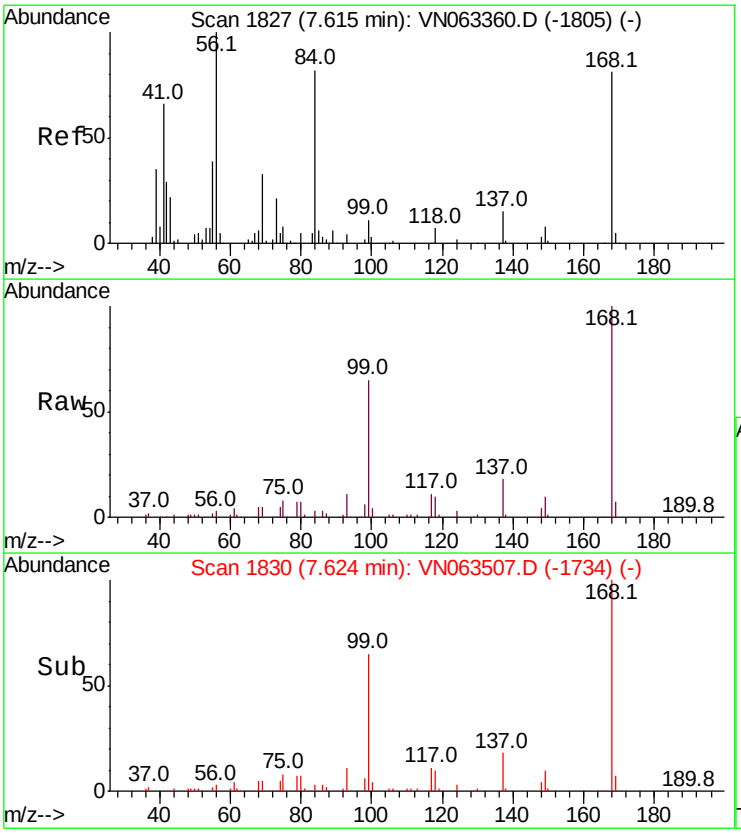
#30
Chloroform
Concen: 0.297 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion: 83 Resp: 1765

Ion	Ratio	Lower	Upper
83	100		
85	41.6	52.1	78.1#

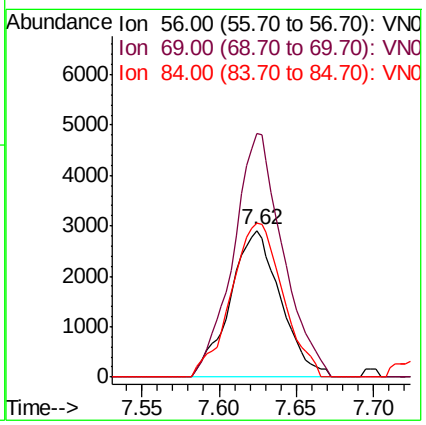


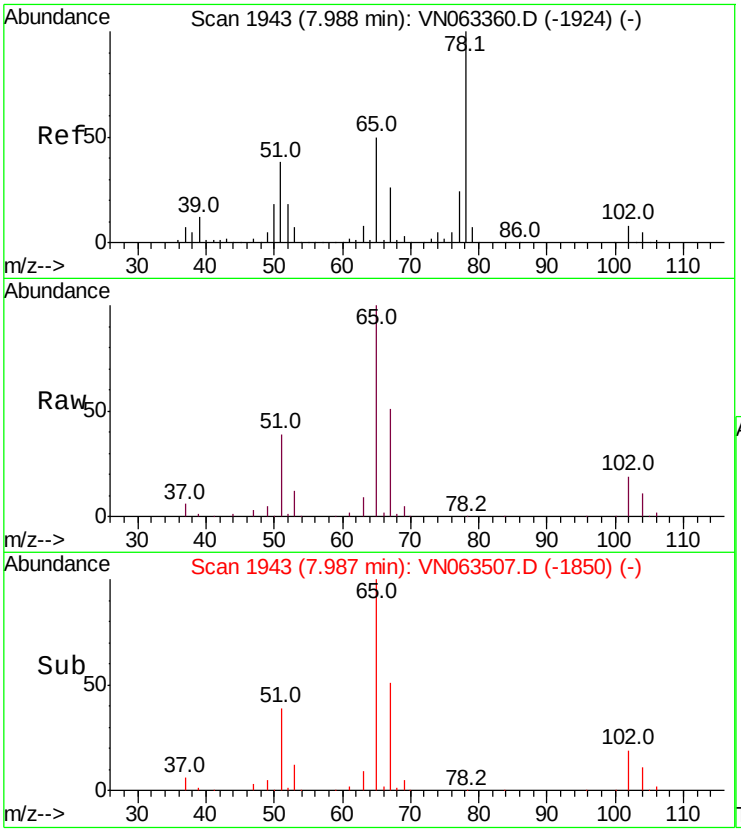


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 56 Resp: 6574

Ion	Ratio	Lower	Upper
56	100		
69	166.3	26.1	39.1#
84	105.1	65.4	98.2#



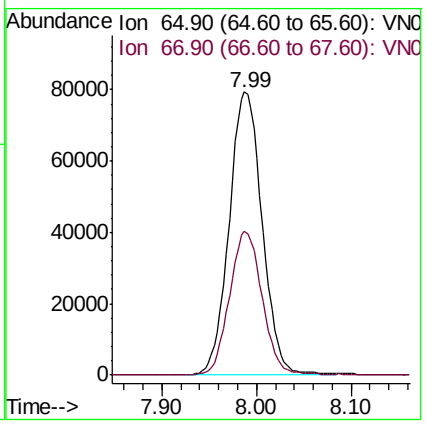


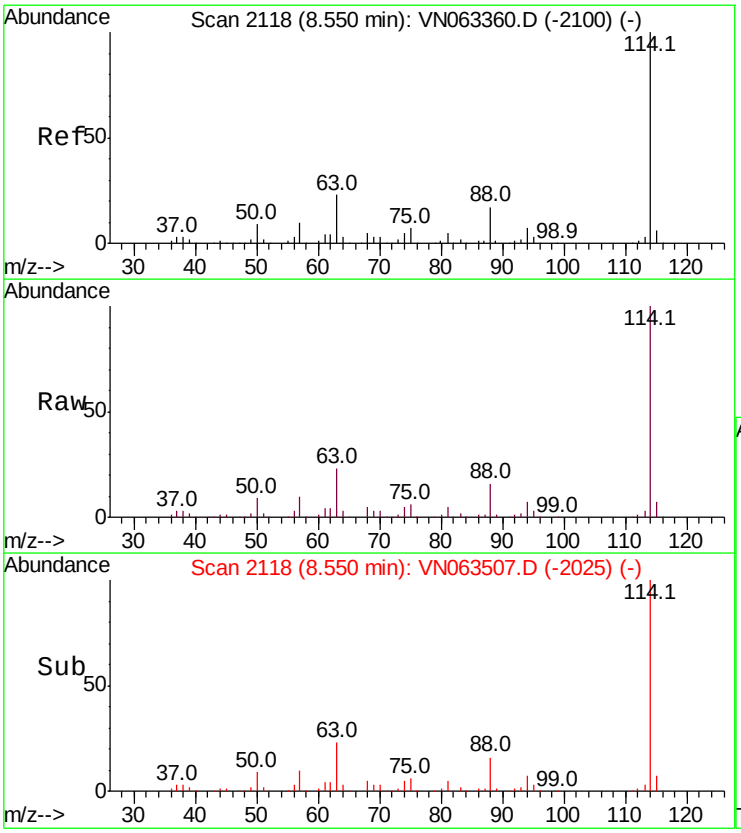
#33
1,2-Dichloroethane-d4
Concen: 47.530 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion: 65 Resp: 192568

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.2

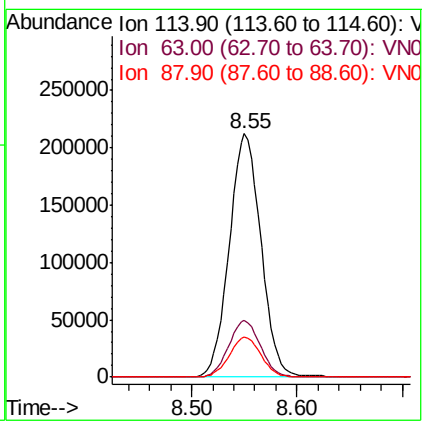


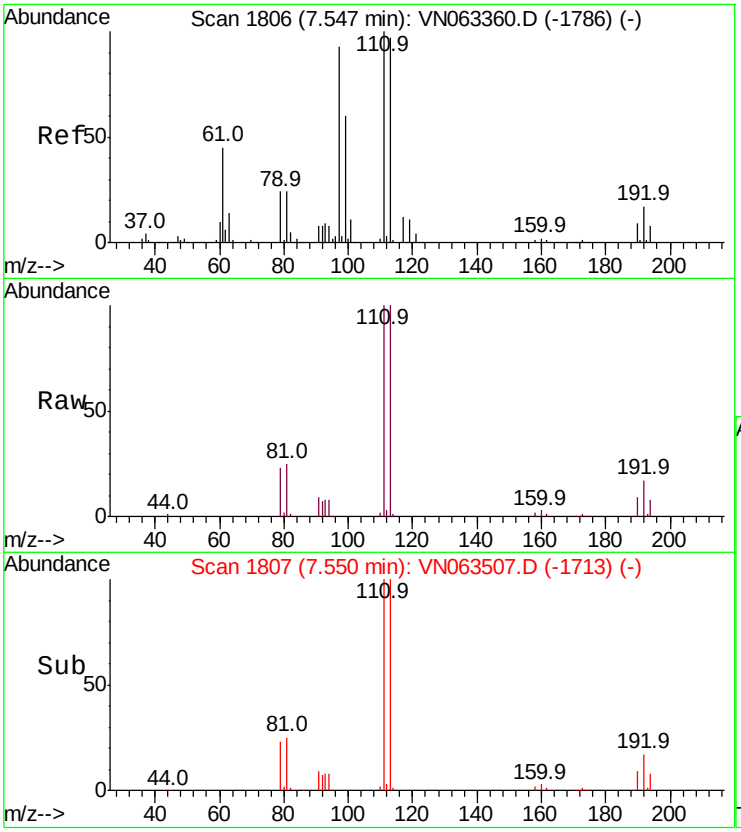


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion:114 Resp: 442385

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	46.4
88	16.3	0.0	33.2



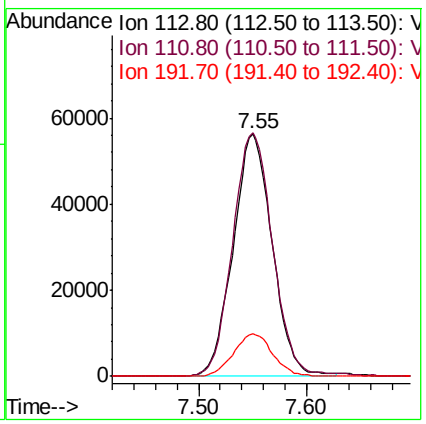


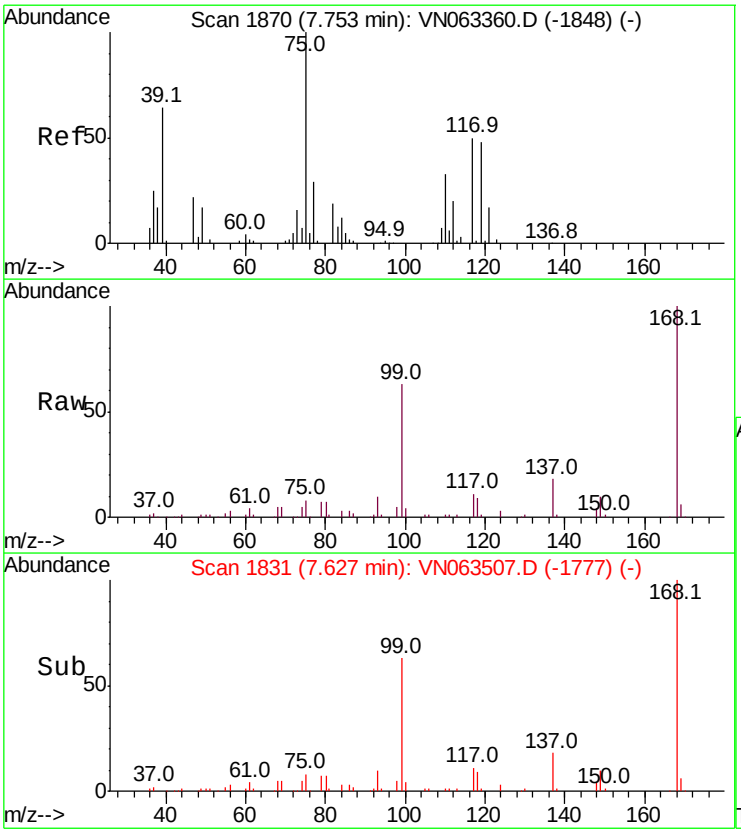
#35
Dibromofluoromethane
Concen: 46.382 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:113 Resp: 142048

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	17.5	13.9	20.9

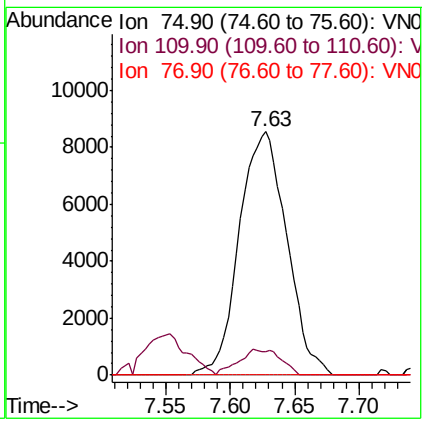


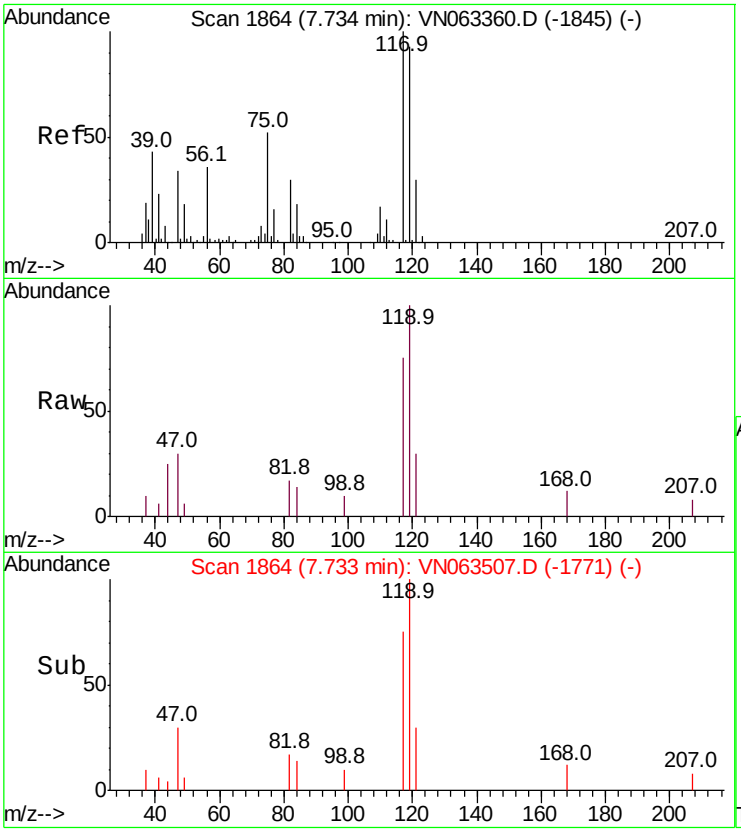


#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 75 Resp: 21922

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.5	49.5#
77	0.0	24.6	36.8#



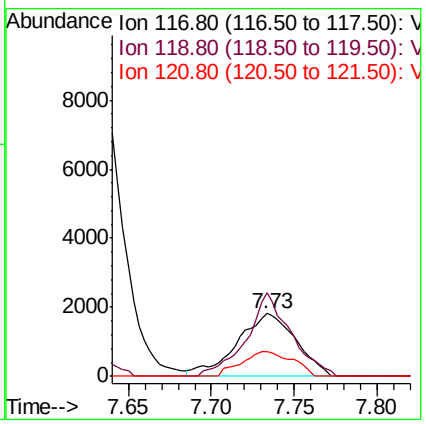


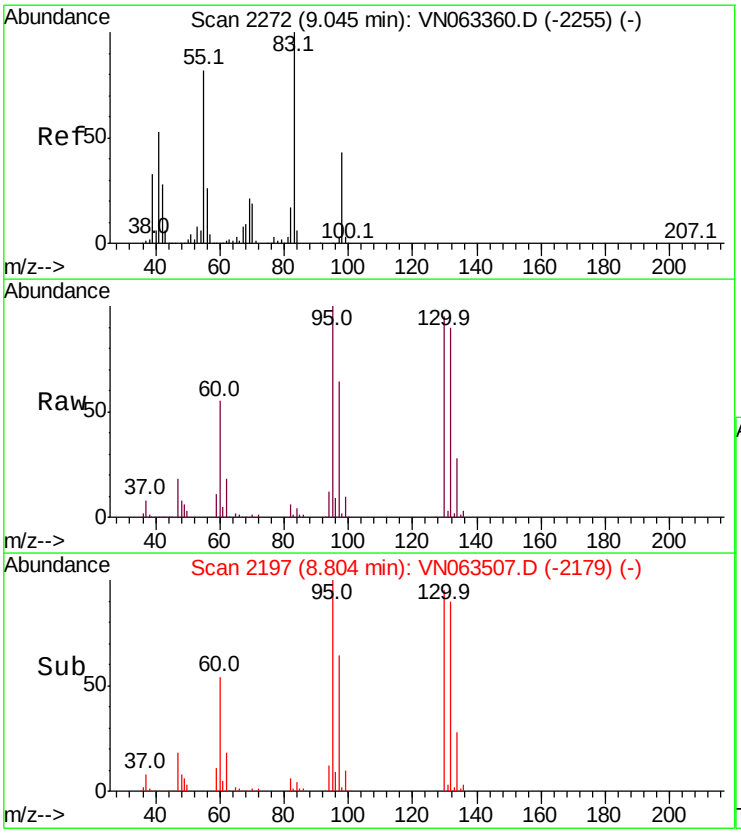
#38
Carbon Tetrachloride
Concen: 0.933 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:117 Resp: 4491

Ion	Ratio	Lower	Upper
117	100		
119	133.4	74.5	111.7#
121	39.4	24.1	36.1#

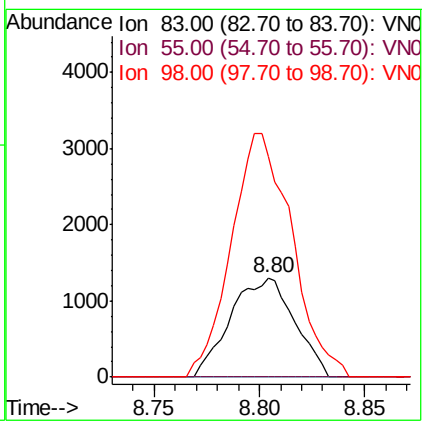


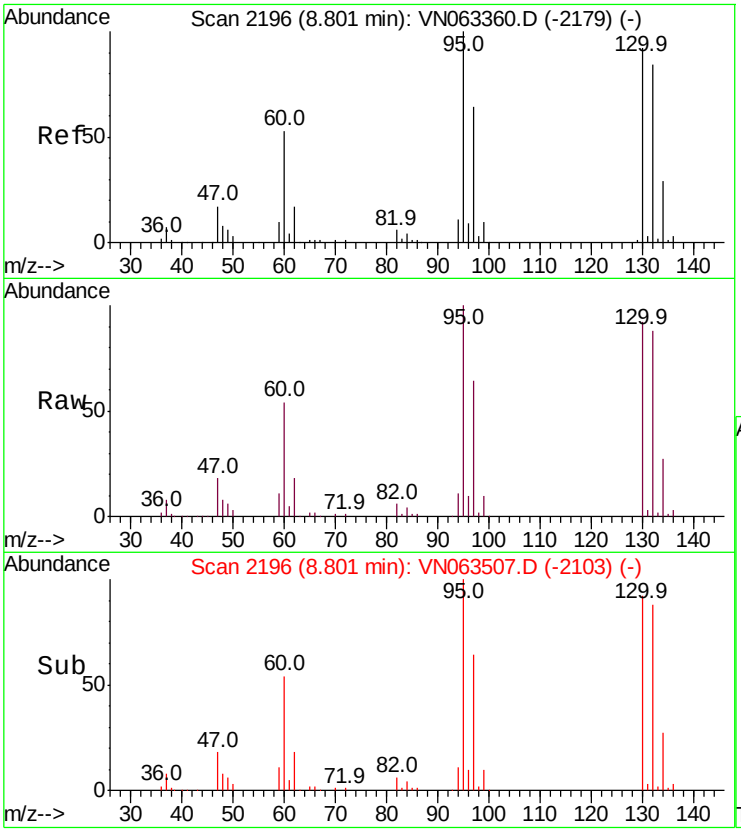


#39
Methylcyclohexane
Concen: 0.536 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 83 Resp: 2742

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.5	98.3#
98	221.7	34.2	51.4#



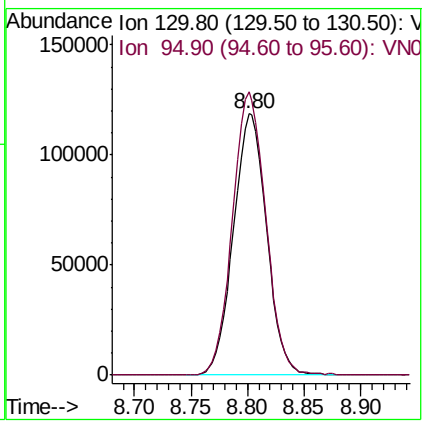


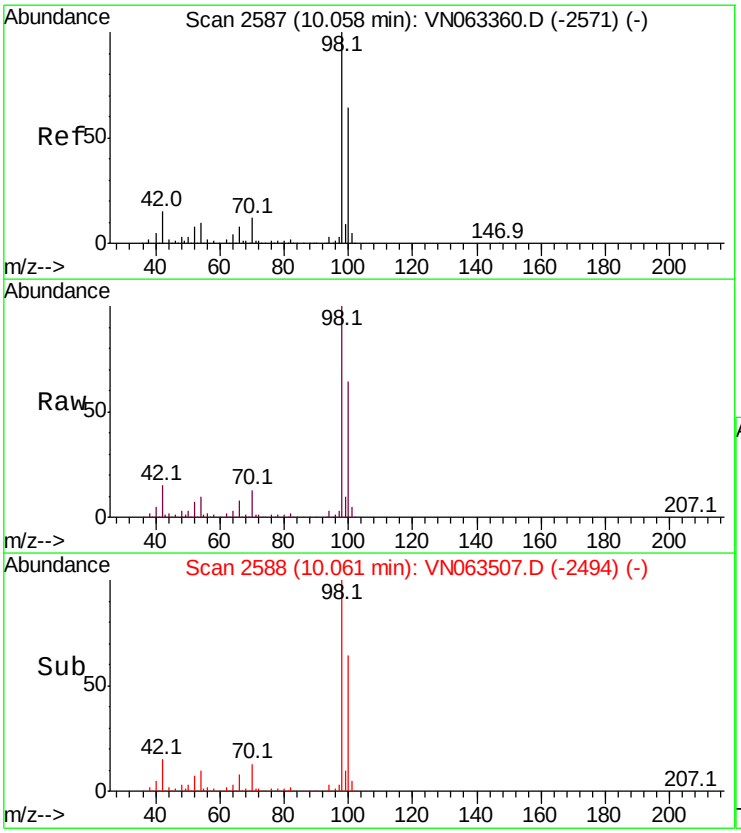
#44
Trichloroethene
Concen: 74.604 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:130 Resp: 243447

Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	217.4

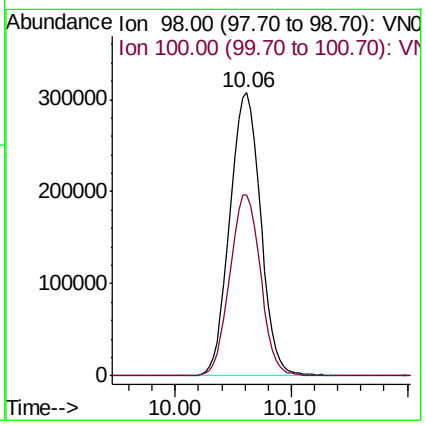


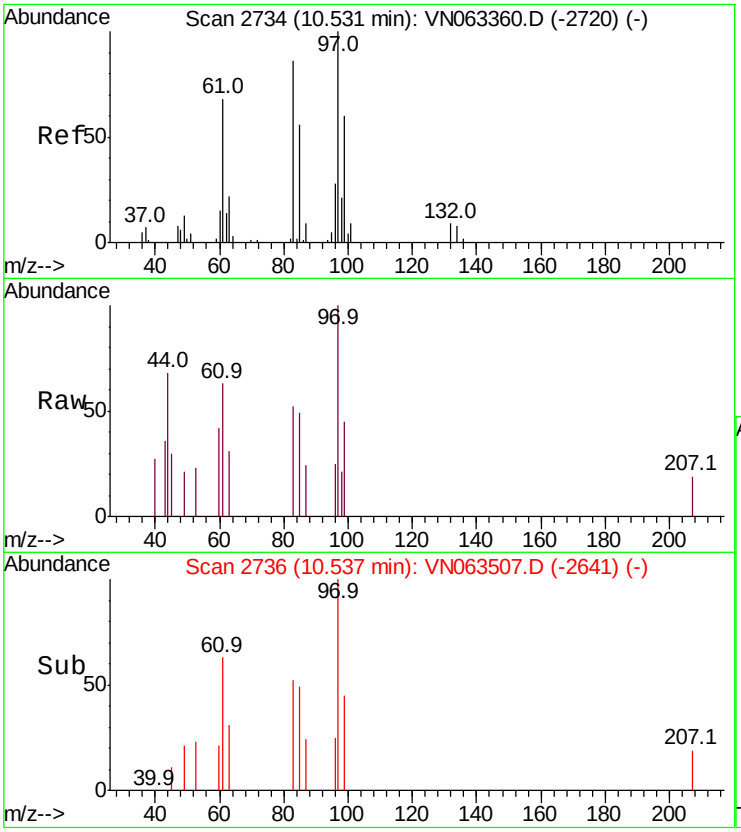


#50
Toluene-d8
Concen: 49.158 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 98 Resp: 566093

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1



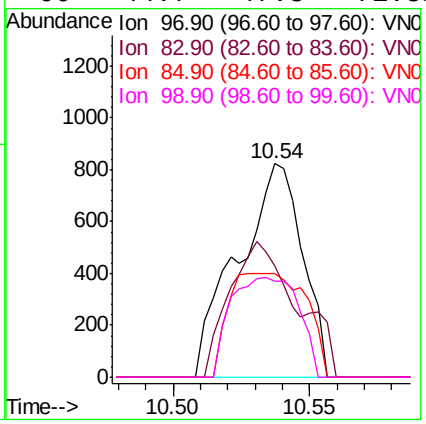


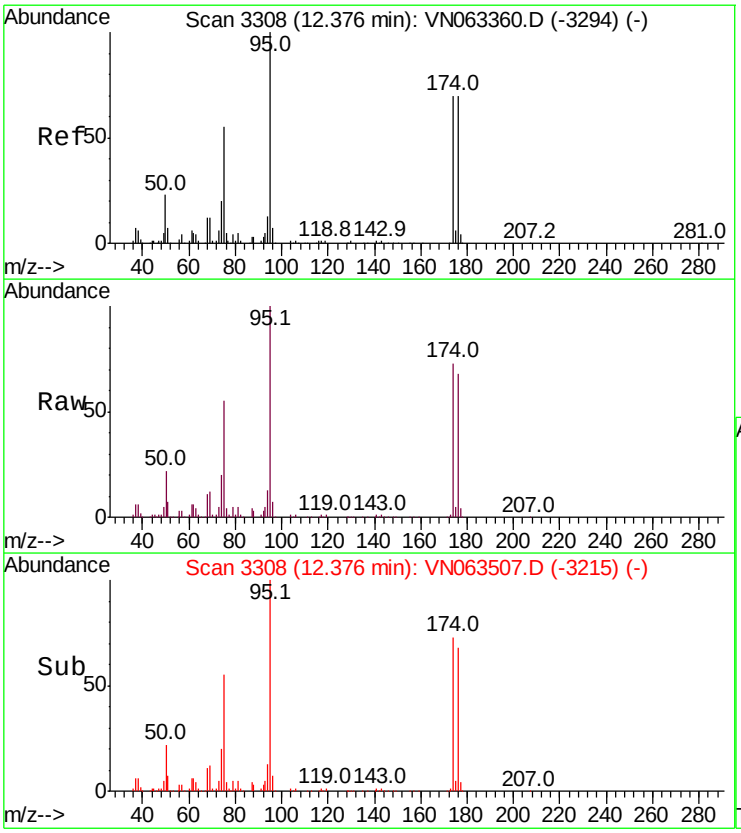
#55
1,1,2-Trichloroethane
Concen: 0.422 ug/l
RT: 10.54 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion: 97 Resp: 1357

Ion	Ratio	Lower	Upper
97	100		
83	51.9	68.9	103.3#
85	48.7	44.8	67.2
99	44.7	47.8	71.8#

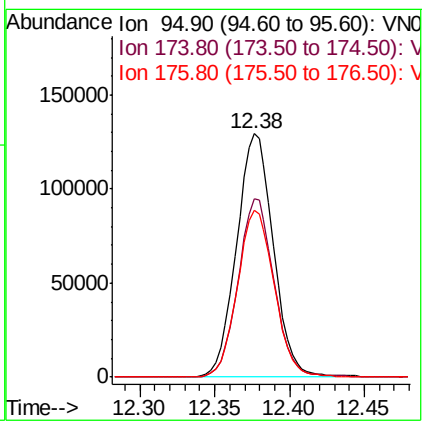


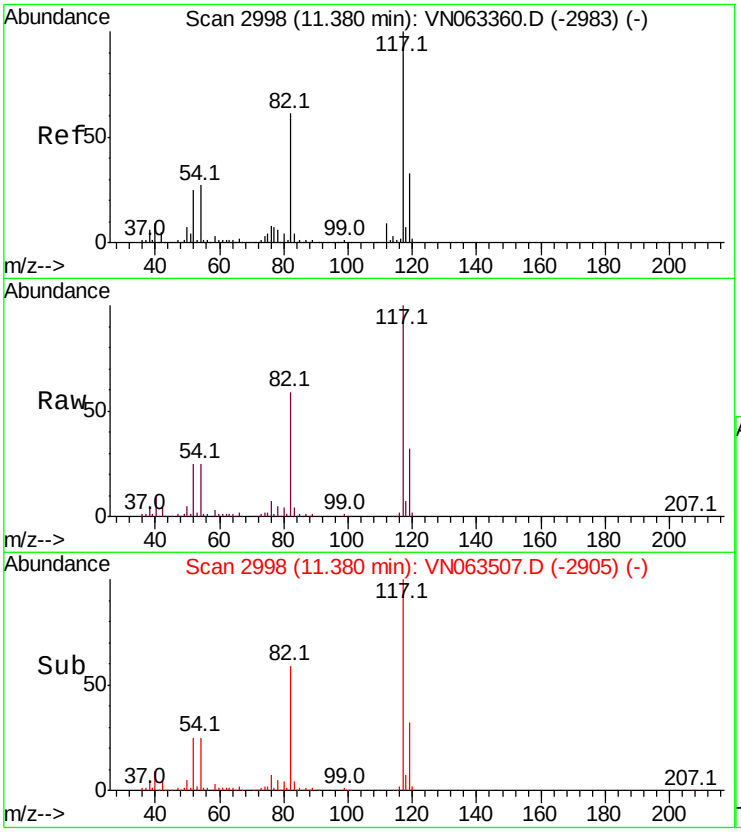


#62
4-Bromofluorobenzene
Concen: 52.365 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 95 Resp: 221057

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	140.8
176	68.6	0.0	137.6



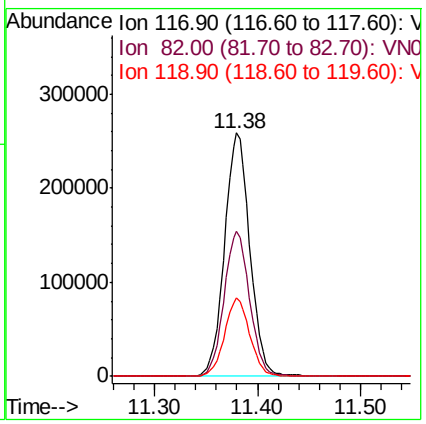


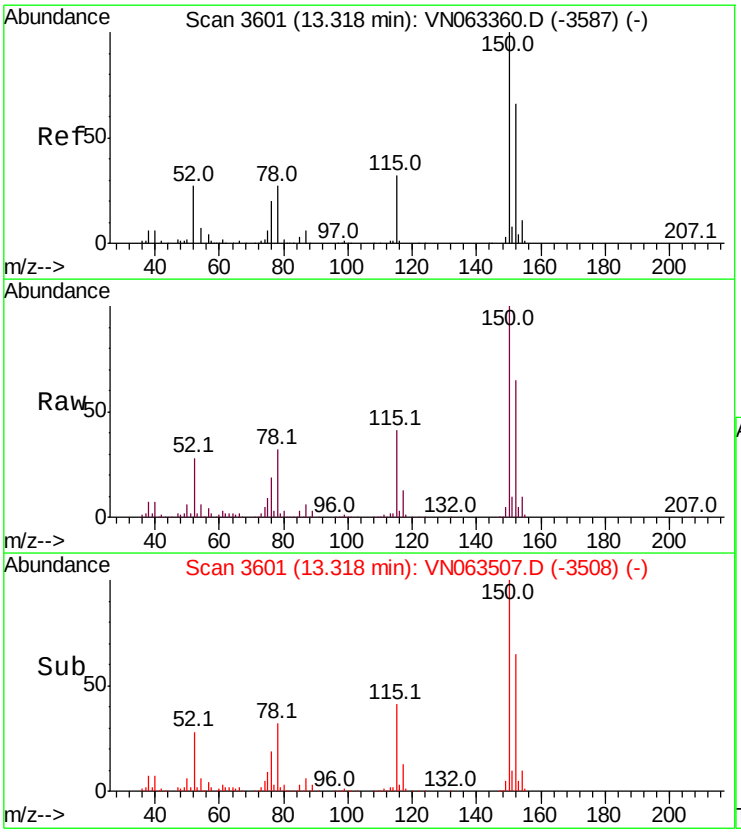
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion:117 Resp: 441987

Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.2	73.8
119	32.0	26.2	39.4

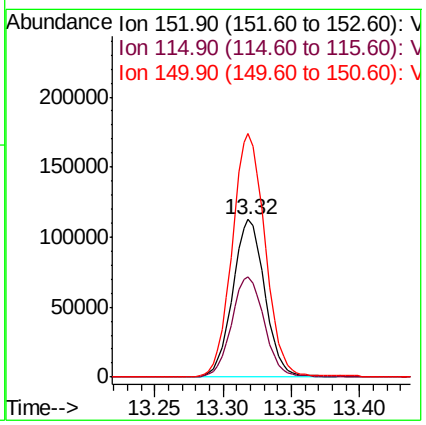


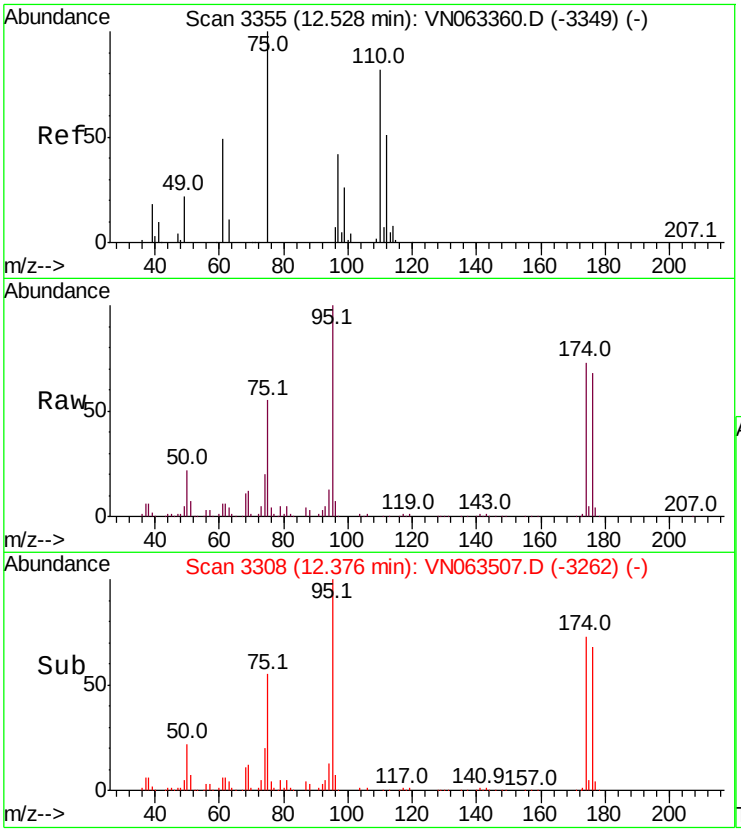


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion:152 Resp: 184338

Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.2	96.6
150	158.8	0.0	343.4



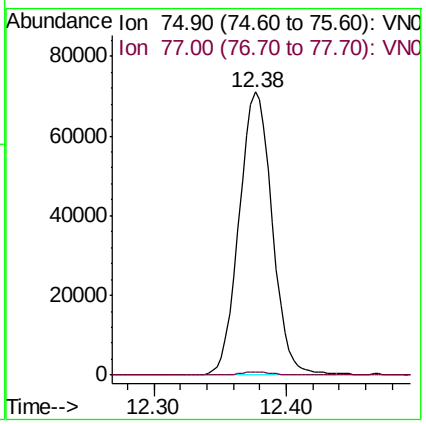


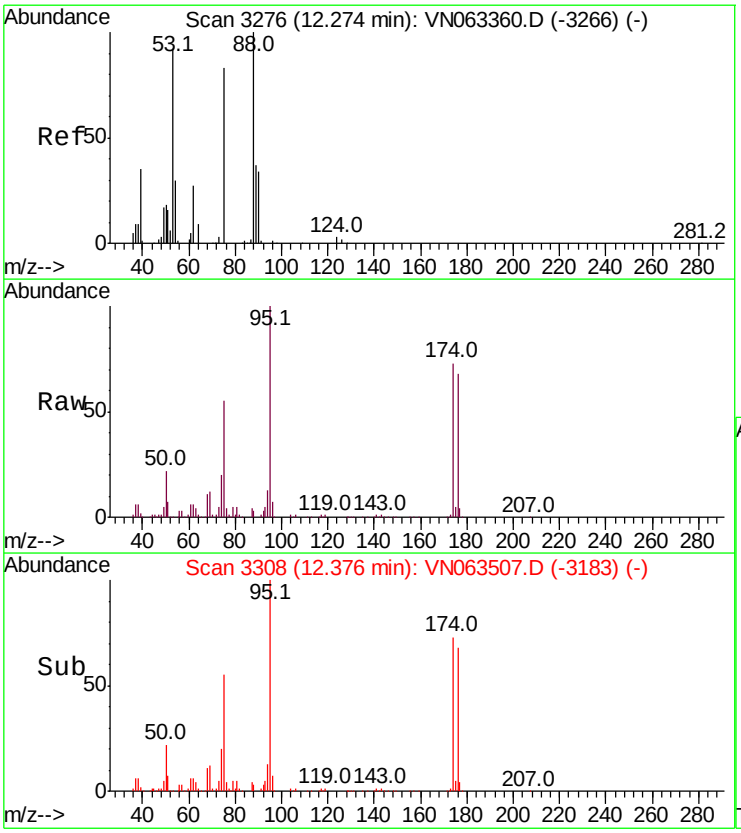
#76
1,2,3-Trichloropropane
Concen: 26.974 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20200915

Tgt Ion: 75 Resp: 123071

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.952 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063507.D
Acq: 22 Sep 2020 00:53

Tgt Ion: 75 Resp: 123071

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.7	128.5#
89	0.0	38.0	57.0#