Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063511.D
Acq On : 22 Sep 2020 2:30
Operator : JC/MD
Sample : L4082-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE105D1-20200915

Quant Time: Sep 22 05:00:03 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	230025	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	430894	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	435159	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179429	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	188312	48.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.18%				
35) Dibromofluoromethane	7.55	113	136253	45.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.36%				
50) Toluene-d8	10.06	98	557610	49.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.42%				
62) 4-Bromofluorobenzene	12.38	95	216885	52.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	1744	0.669	ug/l		79
3) Chloromethane	2.04	50	1826	0.530	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	17929	6.996	ug/l		98
12) 1,1-Dichloroethene	3.70	96	3371	1.299	ug/l		96
13) Acrolein	3.44	56	62	0.308	ug/l	#	13
16) Acetone	3.79	43	4437	3.526	ug/l	#	89
20) Methylene Chloride	4.51	84	1071	0.336	ug/l	#	45
27) cis-1,2-Dichloroethene	6.78	96	4933	1.515	ug/l		75
31) Cyclohexane	7.63	56	6588	1.218	ug/l	#	23
32) 1,1,1-Trichloroethane	7.53	97	2918	0.572	ug/l	#	40
36) 1,1-Dichloropropene	7.62	75	22154	4.826	ug/l	#	52
38) Carbon Tetrachloride	7.62	117	24970	5.329	ug/l	#	17
39) Methylcyclohexane	8.79	83	3130	0.628	ug/l	#	1
44) Trichloroethene	8.80	130	227413	71.549	ug/l		99
49) 1,4-Dioxane	9.17	88	889	15.651	ug/l	#	79
71) Bromoform	12.37	173	1503	0.596	ug/l	#	1
76) 1,2,3-Trichloropropane	12.38	75	118993	26.794	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118993	73.458	ug/l	#	7

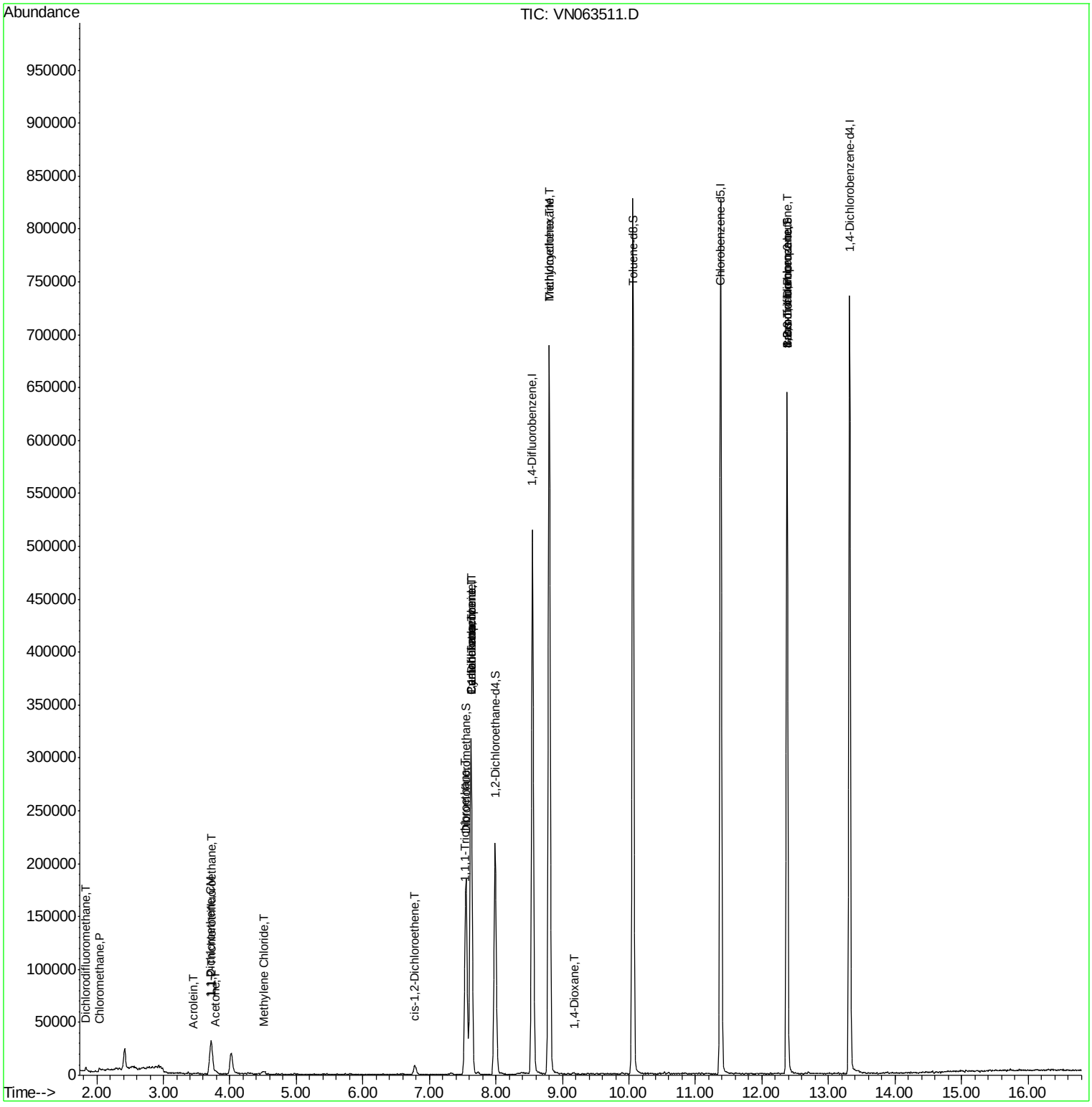
(#) = qualifier out of range (m) = manual integration (+) = signals summed

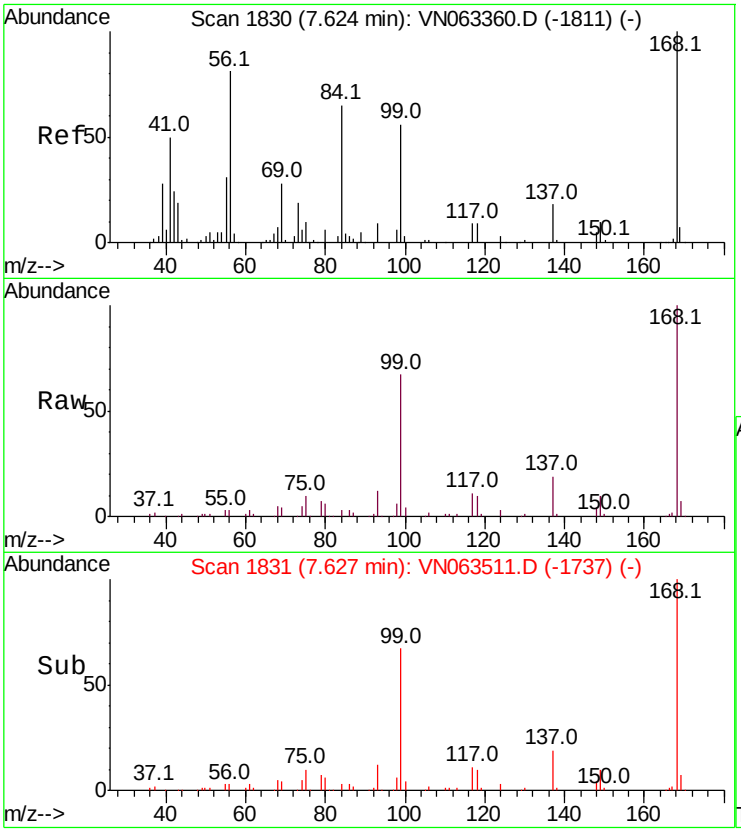
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063511.D
Acq On : 22 Sep 2020 2:30
Operator : JC/MD
Sample : L4082-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Quant Time: Sep 22 05:00:03 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



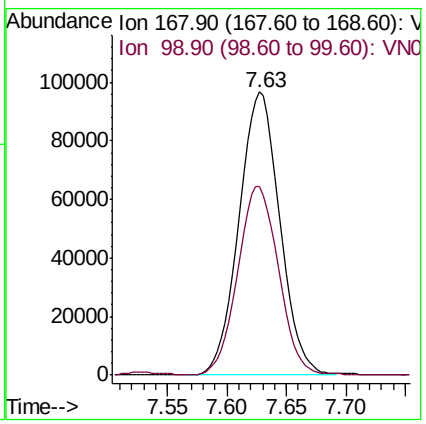


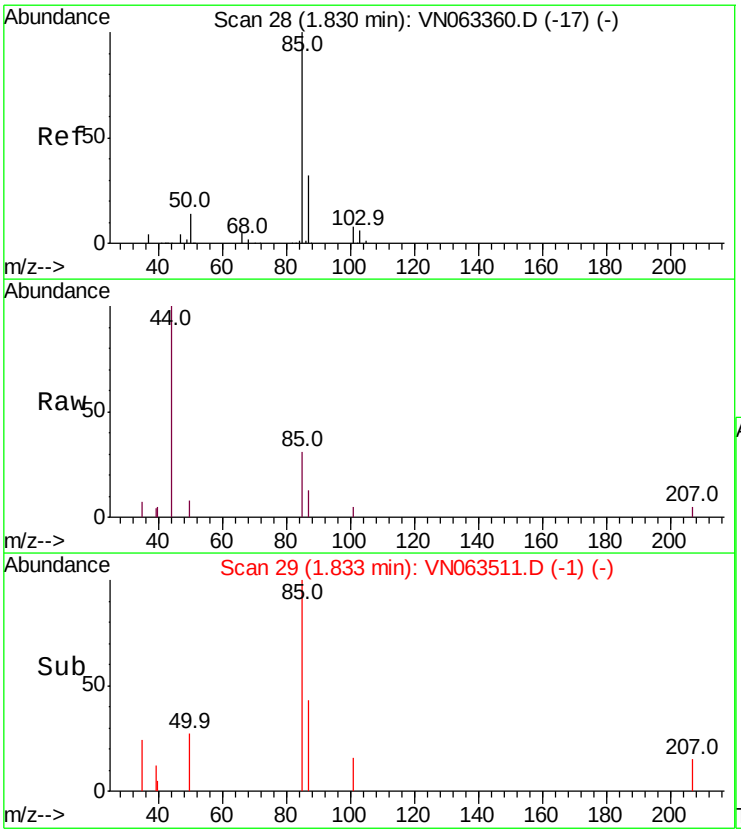
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion:168 Resp: 230025

Ion	Ratio	Lower	Upper
168	100		
99	66.5	53.0	79.6

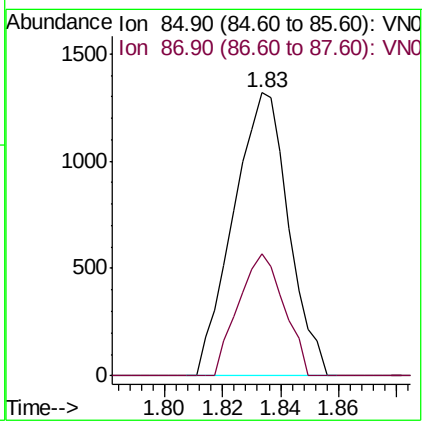


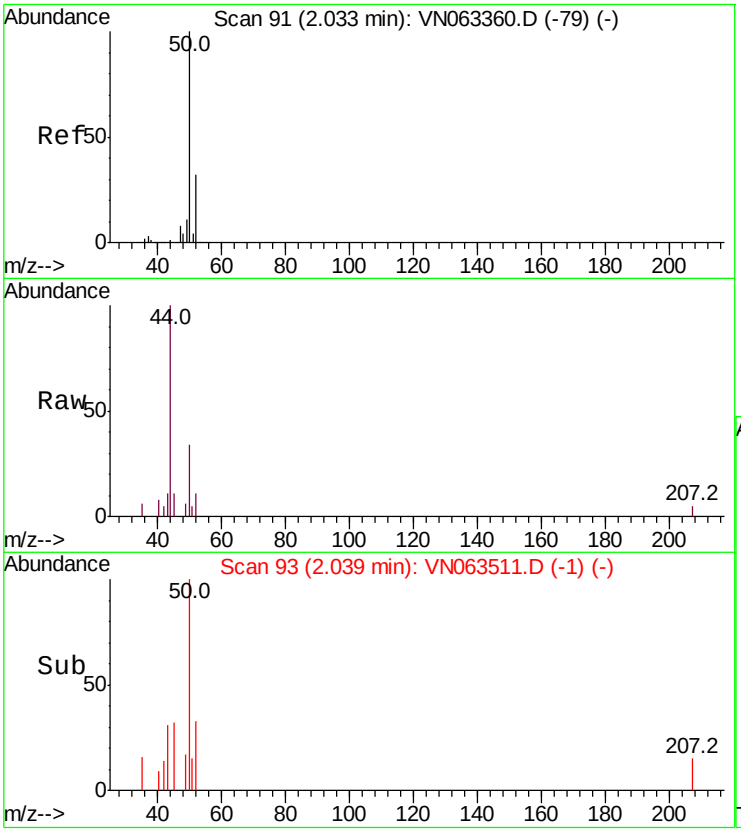


#2
Dichlorodifluoromethane
Concen: 0.669 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 85 Resp: 1744

Ion	Ratio	Lower	Upper
85	100		
87	43.3	15.9	47.6



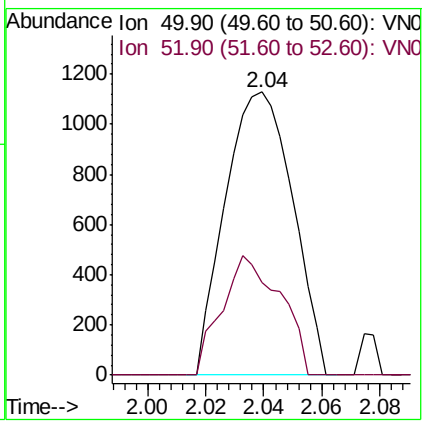


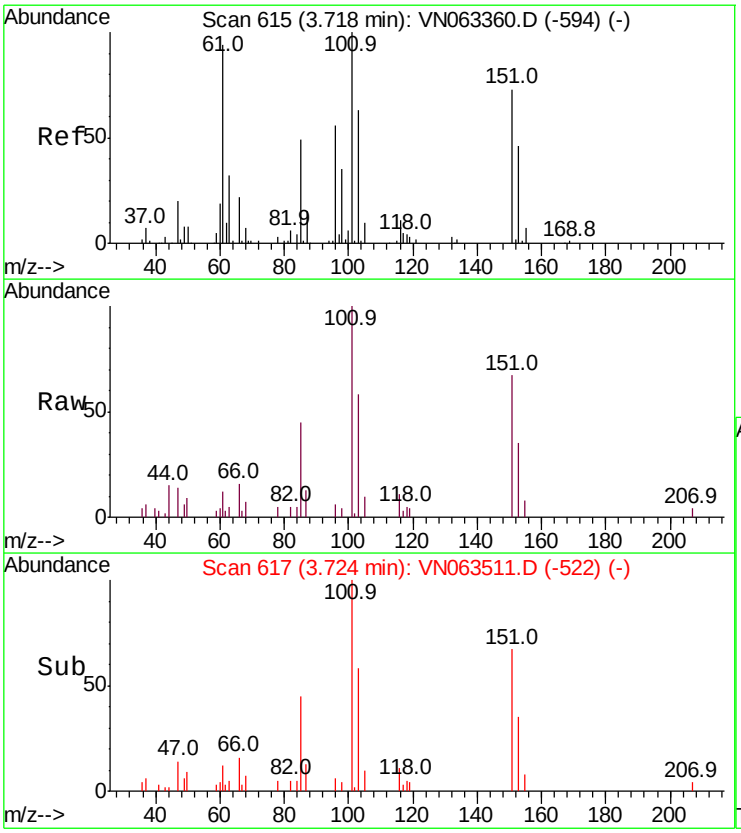
#3
Chloromethane
Concen: 0.530 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 50 Resp: 1826

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.9	38.9

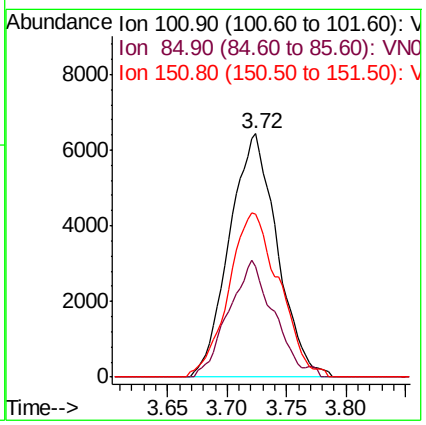


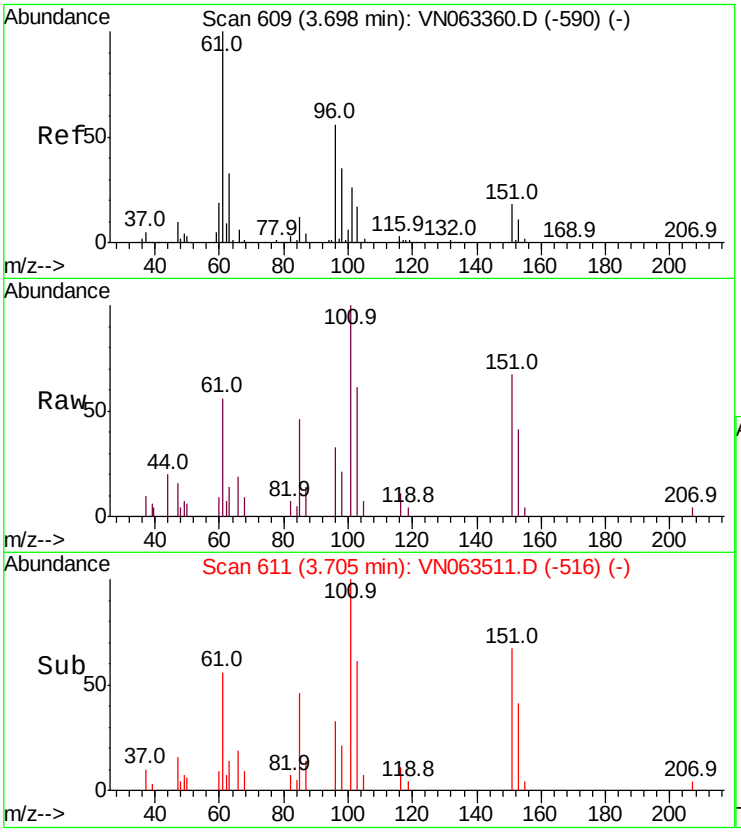


#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.996 ug/l
RT: 3.72 min Scan# 617
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:101 Resp: 17929

Ion	Ratio	Lower	Upper
101	100		
85	44.6	37.7	56.5
151	71.5	57.7	86.5



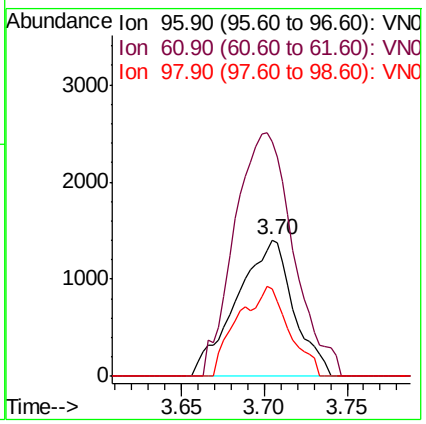


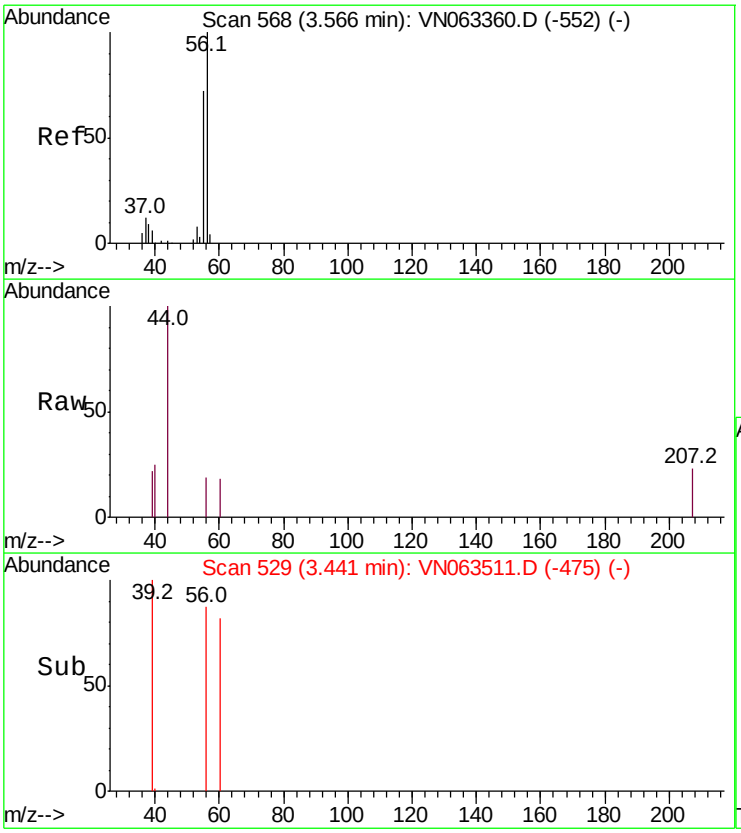
#12
1,1-Dichloroethene
Concen: 1.299 ug/l
RT: 3.70 min Scan# 611
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 96 Resp: 3371

Ion	Ratio	Lower	Upper
96	100		
61	171.6	143.4	215.2
98	63.8	50.6	76.0

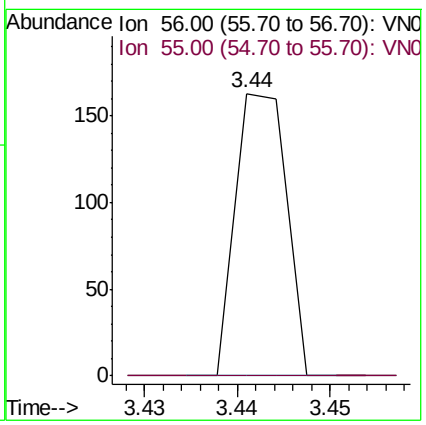


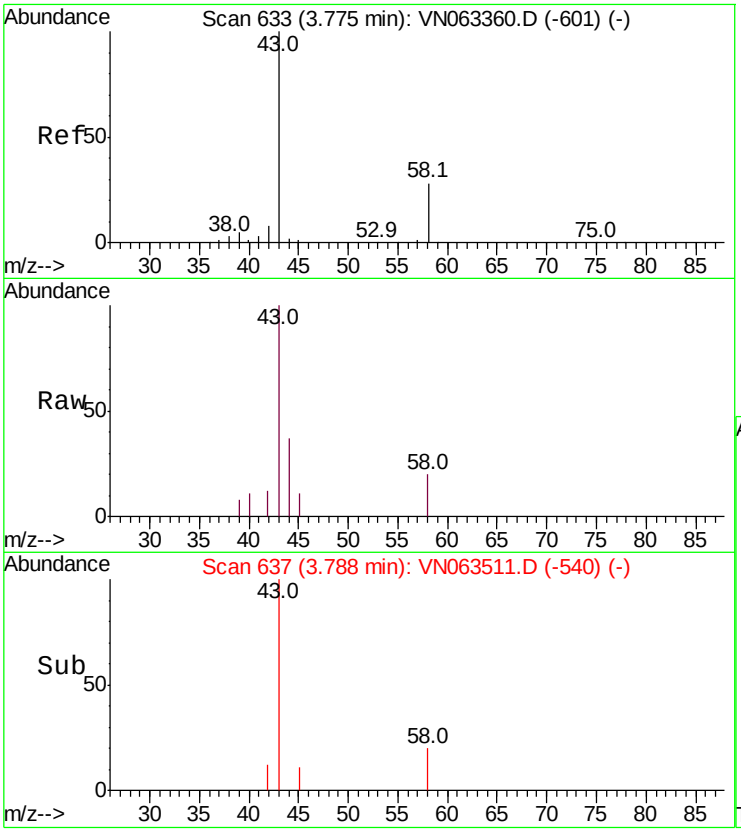


#13
Acrolein
Concen: 0.308 ug/l
RT: 3.44 min Scan# 529
Delta R.T. -0.13 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 56 Resp: 62

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.2#



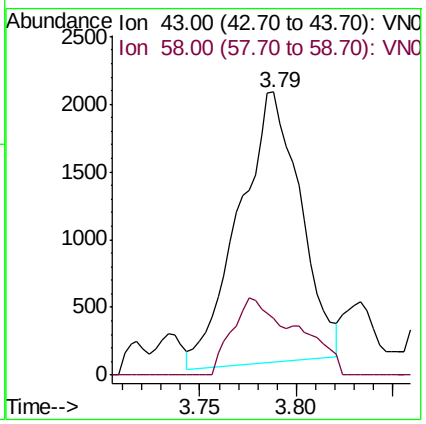


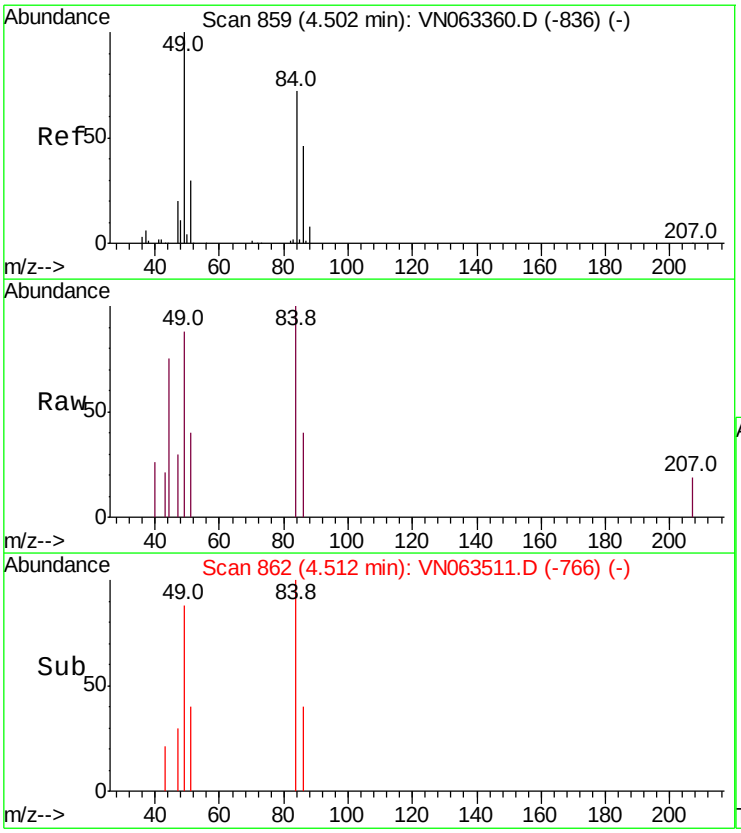
#16
Acetone
Concen: 3.526 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument : MSVOA_N
ClientSampleId : RE105D1-20200915

Tgt Ion: 43 Resp: 4437

Ion	Ratio	Lower	Upper
43	100		
58	22.0	22.3	33.5#

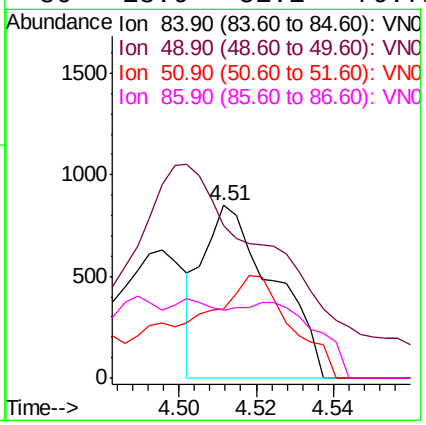


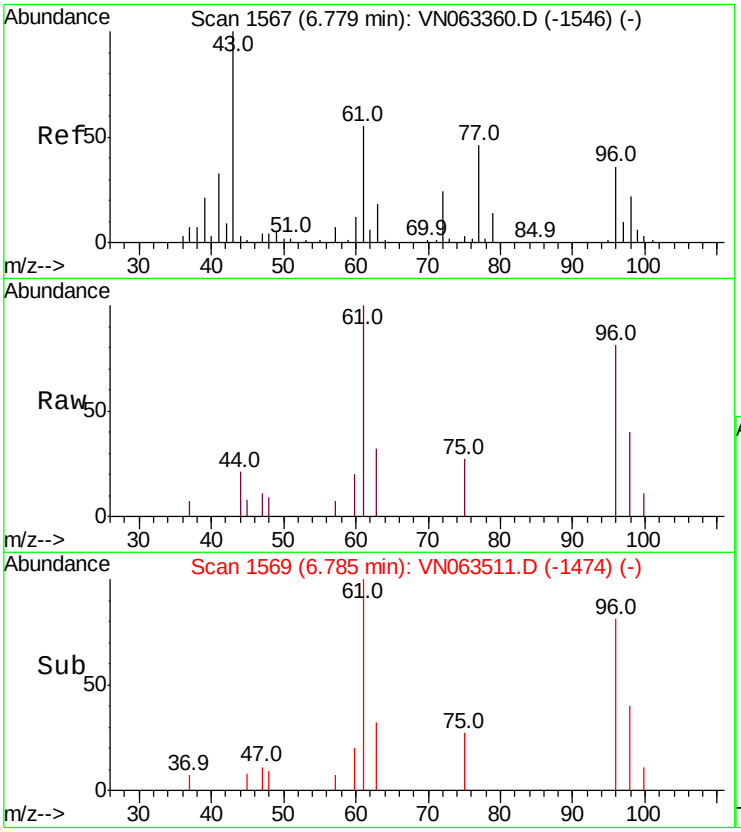


#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 84 Resp: 1071

Ion	Ratio	Lower	Upper
84	100		
49	54.5	110.7	166.1#
51	39.8	32.9	49.3
86	18.6	51.1	76.7#



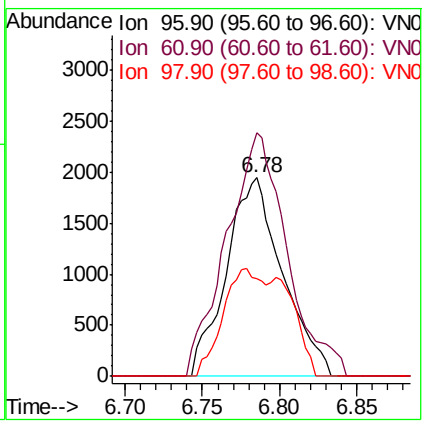


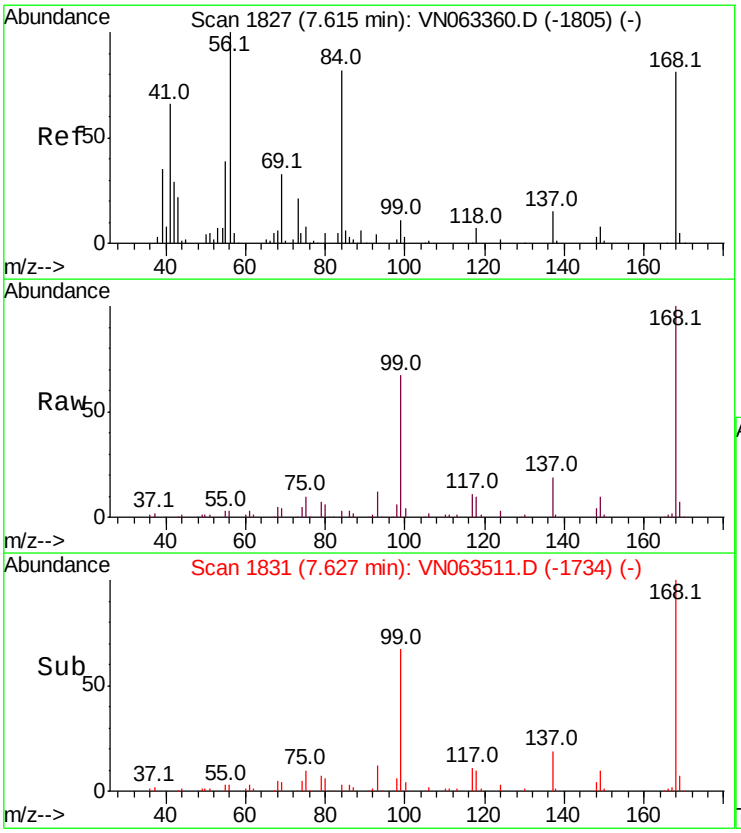
#27
cis-1,2-Dichloroethene
Concen: 1.515 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 96 Resp: 4933

Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	319.6
98	39.1	0.0	127.8

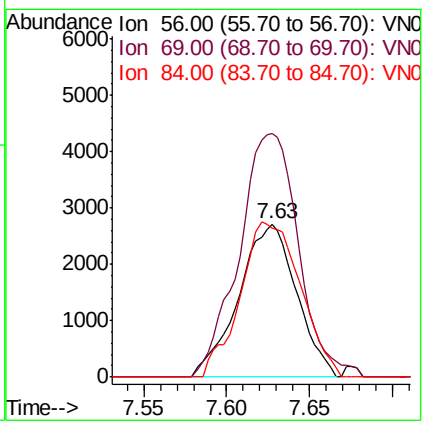


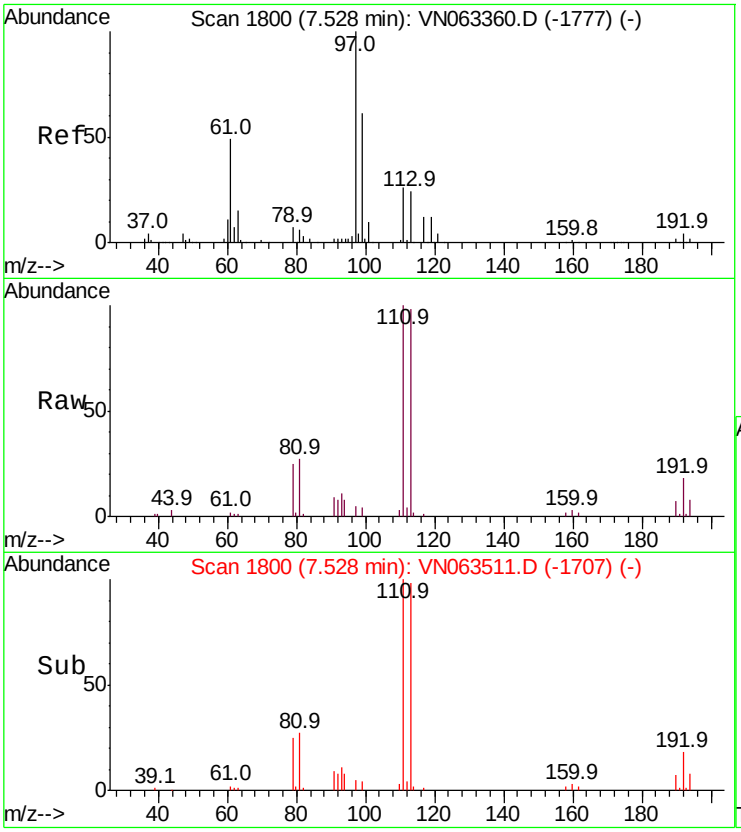


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 56 Resp: 6588

Ion	Ratio	Lower	Upper
56	100		
69	159.3	26.1	39.1#
84	97.4	65.4	98.2



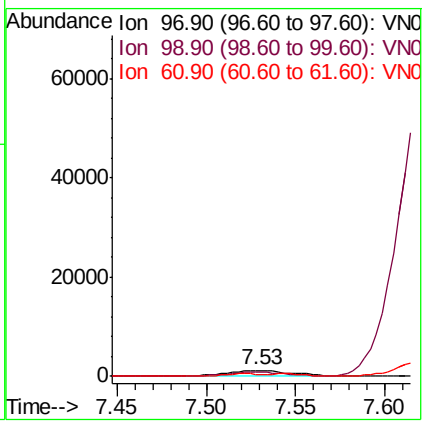


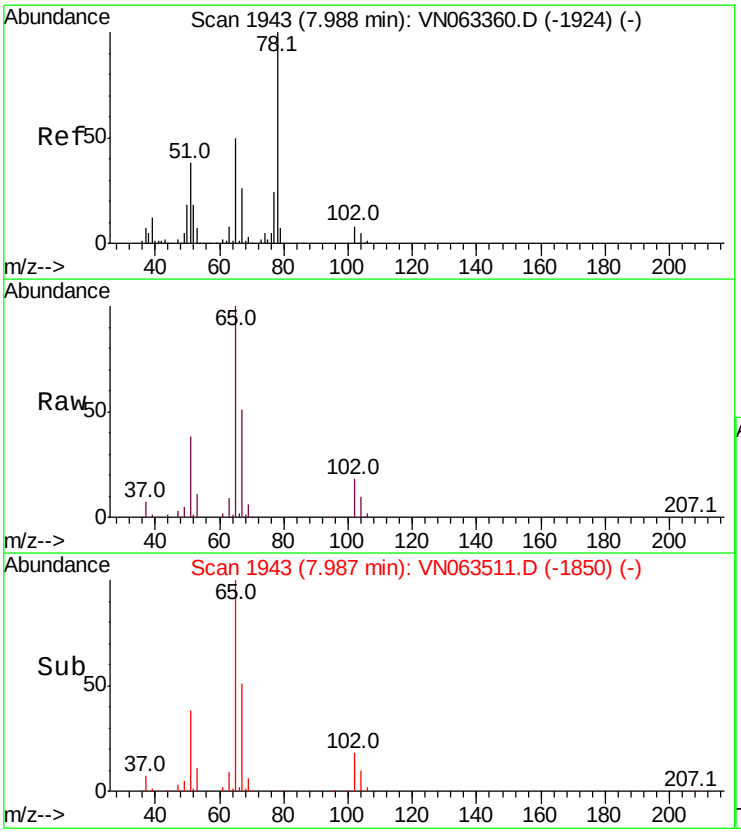
#32
1,1,1-Trichloroethane
Concen: 0.572 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 97 Resp: 2918

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	27.4	39.2	58.8#

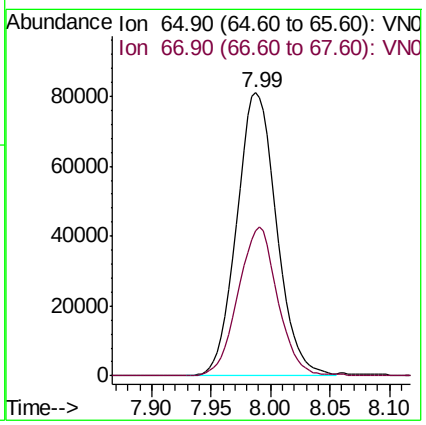


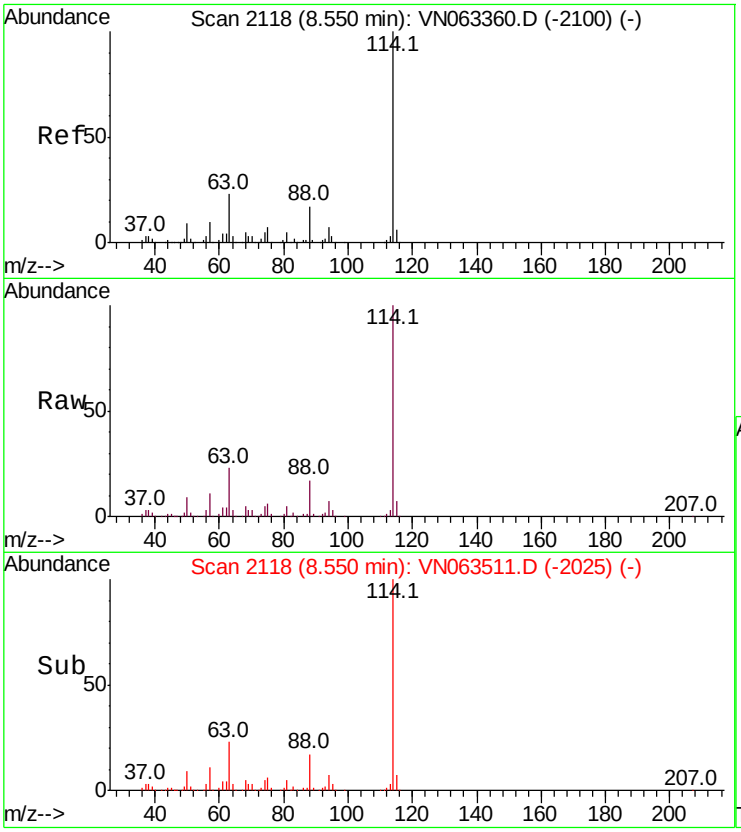


#33
1,2-Dichloroethane-d4
Concen: 48.092 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 65 Resp: 188312

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.2



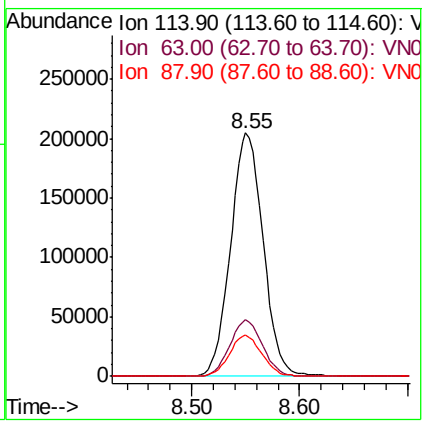


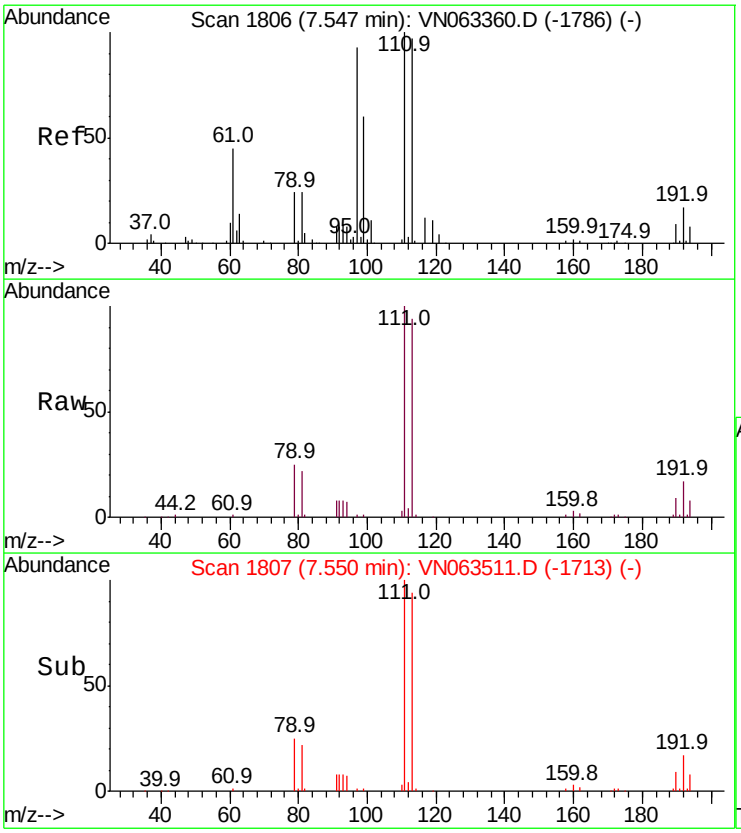
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion:114 Resp: 430894

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.4
88	16.8	0.0	33.2

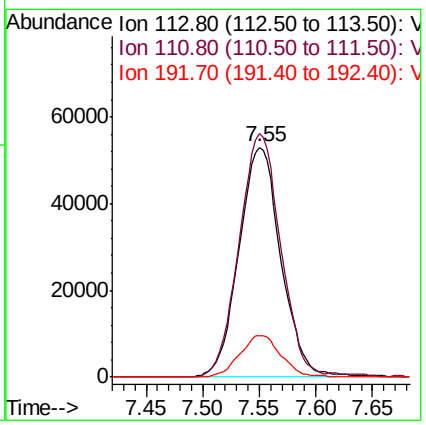


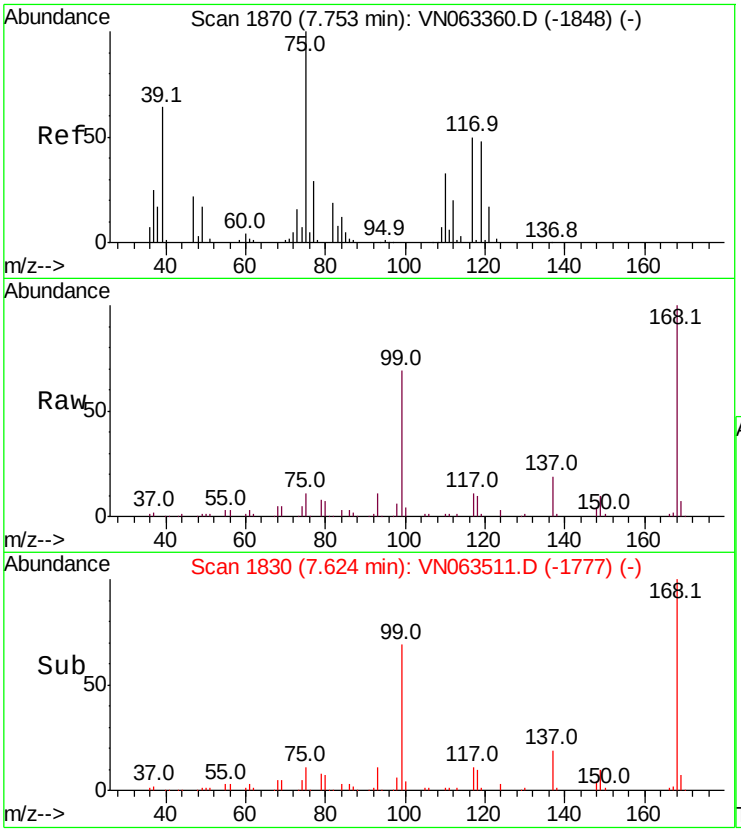


#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:113 Resp: 136253

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.9	124.3
192	17.8	13.9	20.9



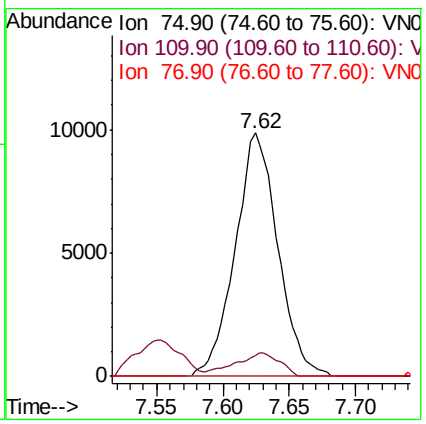


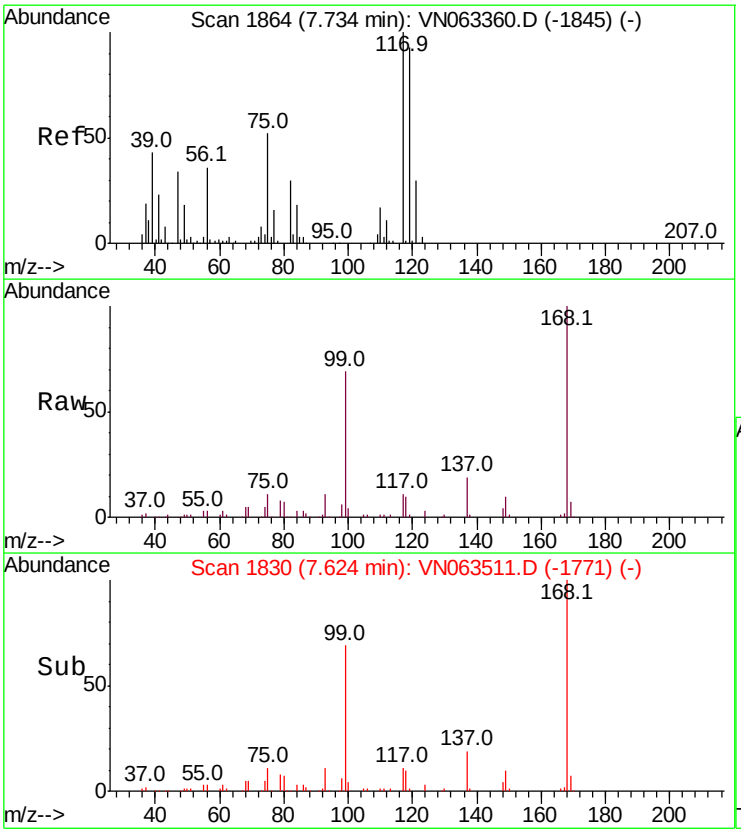
#36
1,1-Dichloropropene
Concen: 4.826 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 75 Resp: 22154

Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.5	49.5#
77	0.0	24.6	36.8#

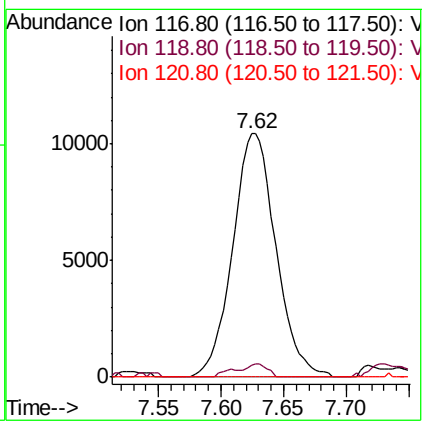


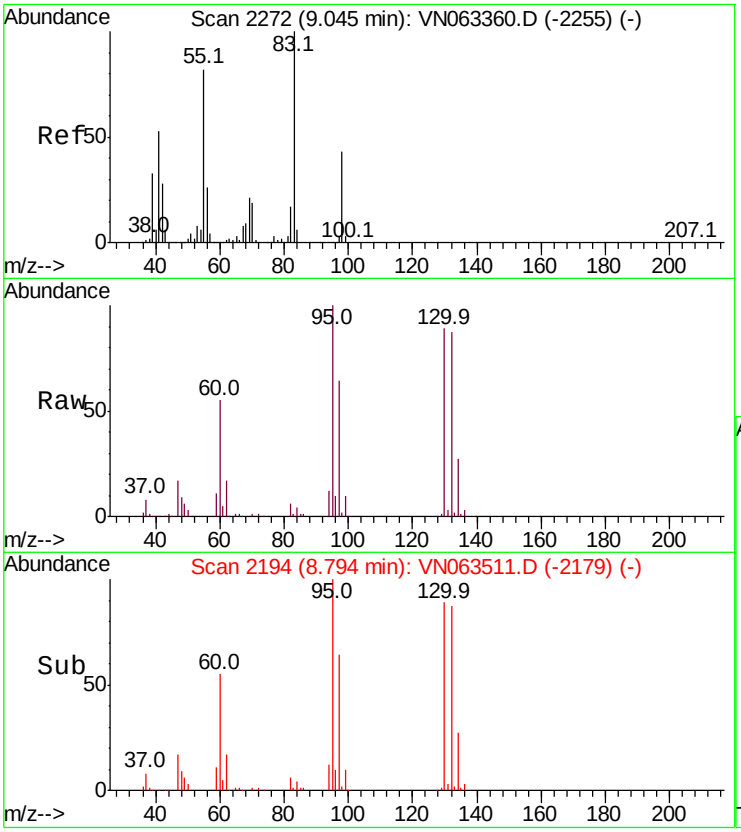


#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:117 Resp: 24970

Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.5	111.7#
121	0.0	24.1	36.1#



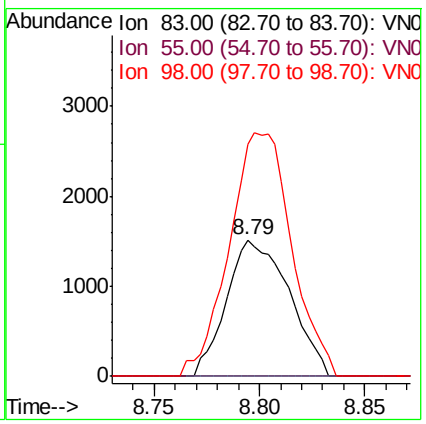


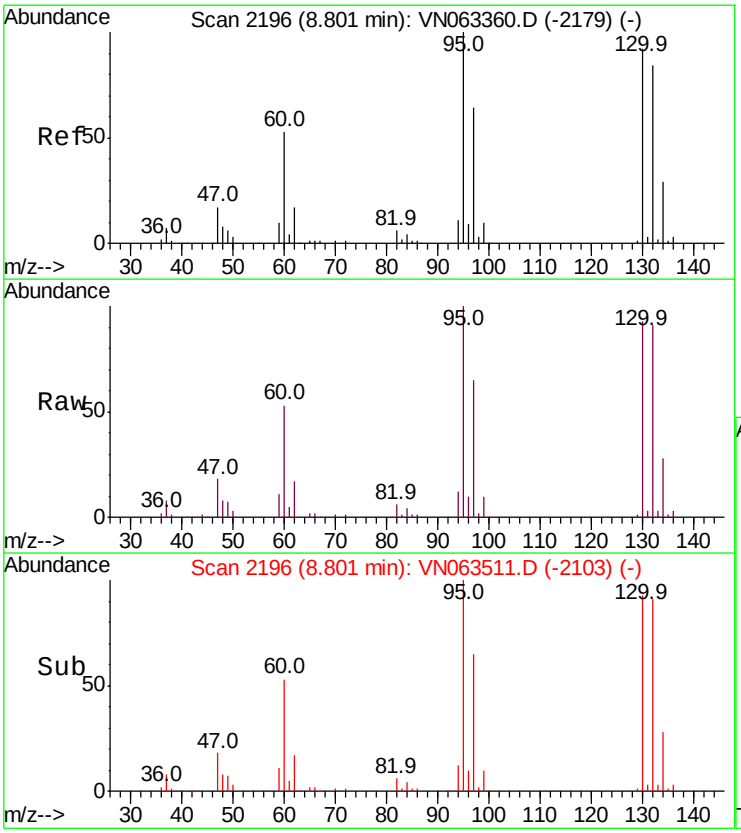
#39
Methylcyclohexane
Concen: 0.628 ug/l
RT: 8.79 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument : MSVOA_N
ClientSampleId : RE105D1-20200915

Tgt Ion: 83 Resp: 3130

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.5	98.3#
98	170.7	34.2	51.4#

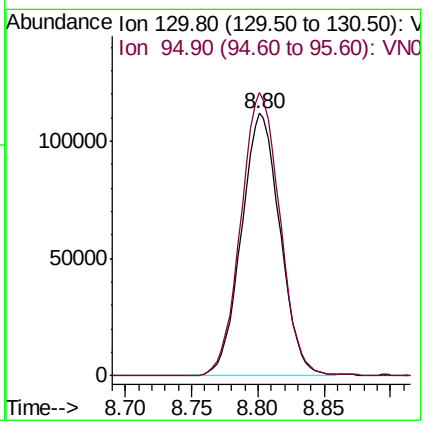


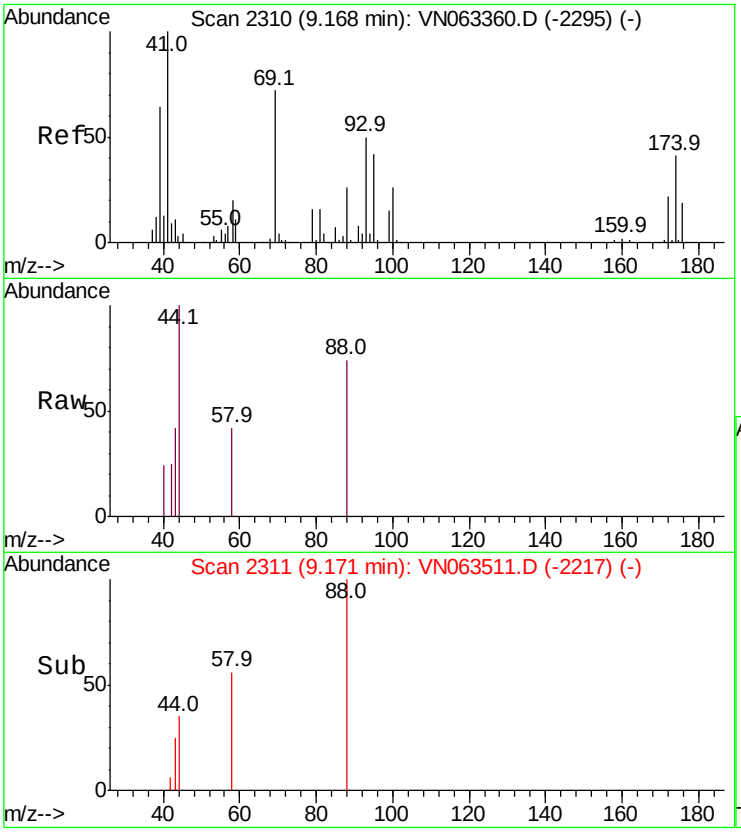


#44
Trichloroethene
Concen: 71.549 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:130 Resp: 227413

Ion	Ratio	Lower	Upper
130	100		
95	107.8	0.0	217.4



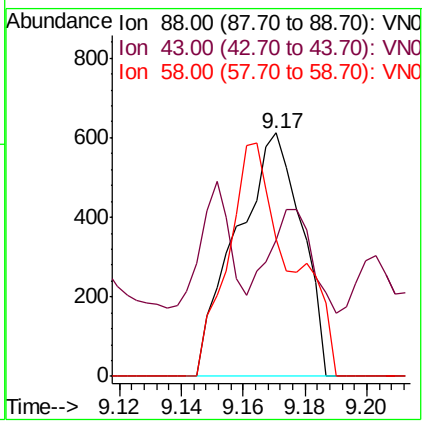


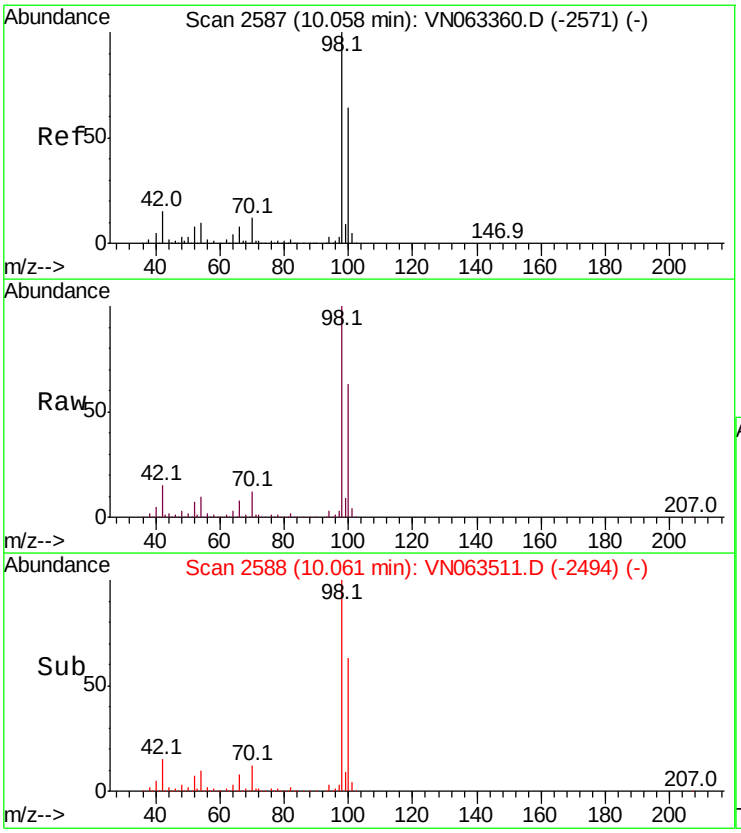
#49
1,4-Dioxane
Concen: 15.651 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 88 Resp: 889

Ion	Ratio	Lower	Upper
88	100		
43	28.0	32.6	49.0#
58	92.5	60.0	90.0#

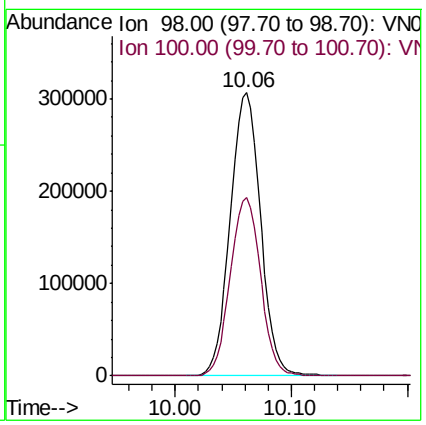


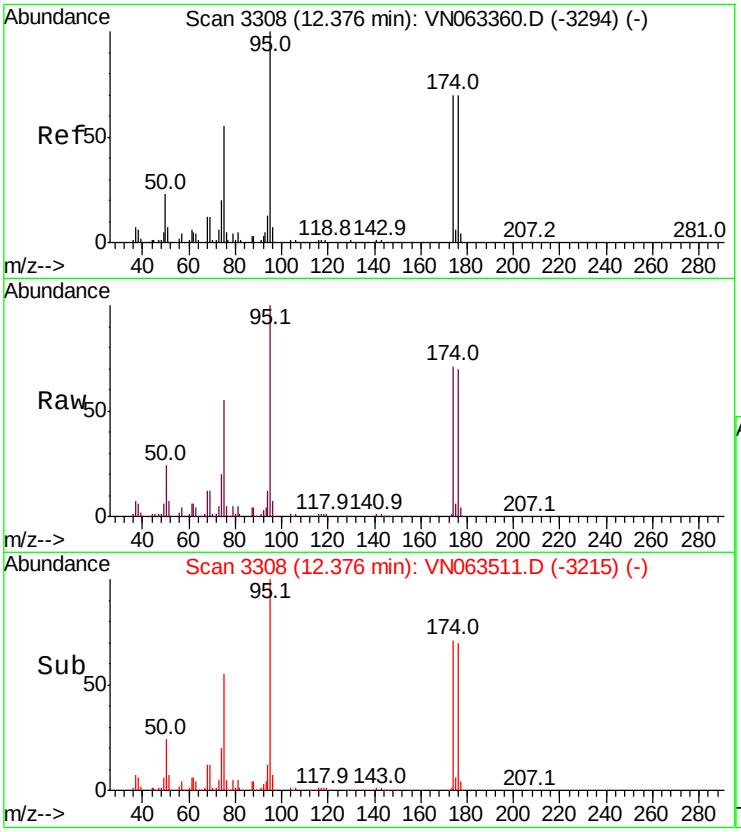


#50
Toluene-d8
Concen: 49.713 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 98 Resp: 557610

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1



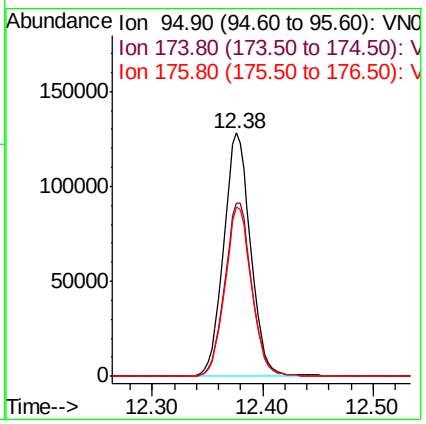


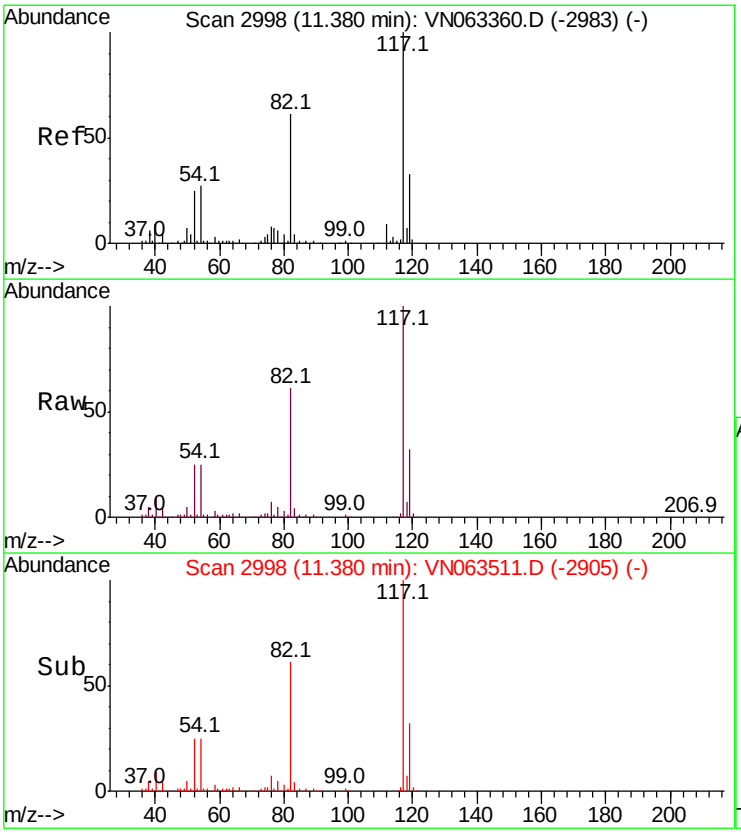
#62
4-Bromofluorobenzene
Concen: 52.747 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 95 Resp: 216885

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	140.8
176	68.9	0.0	137.6

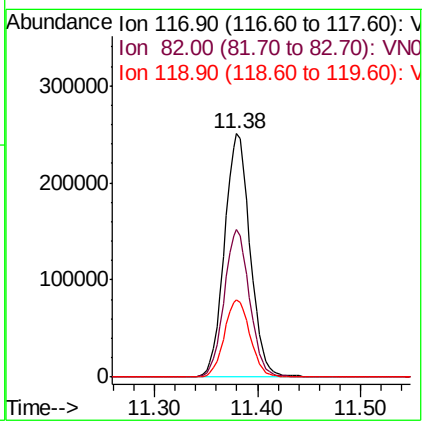


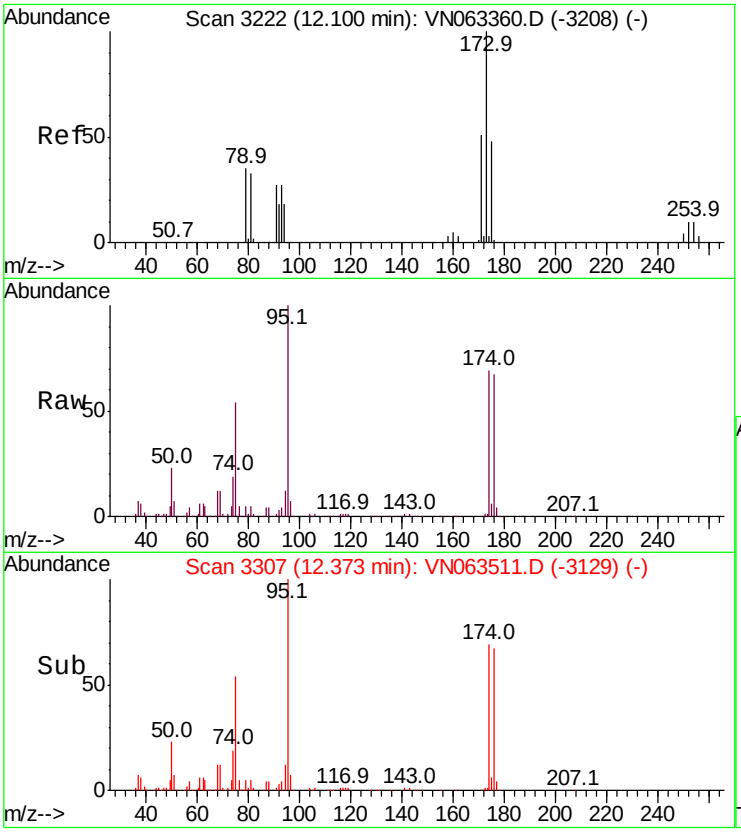


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:117 Resp: 435159

Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	31.8	26.2	39.4



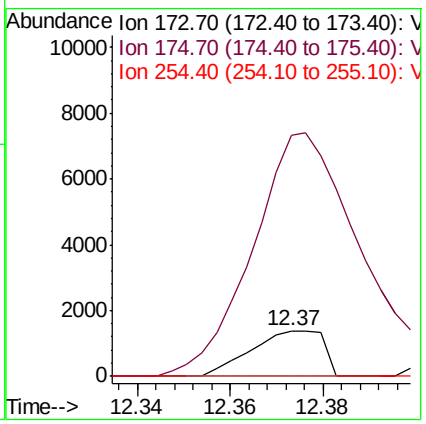


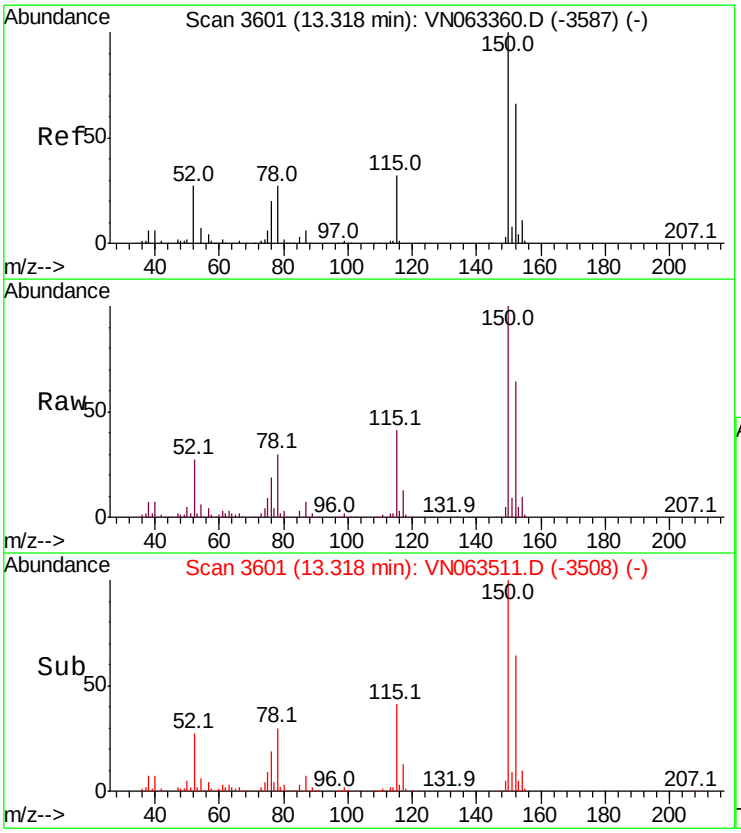
#71
Bromoform
Concen: 0.596 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion:173 Resp: 1503

Ion	Ratio	Lower	Upper
173	100		
175	651.8	24.0	72.0#
254	0.0	0.0	0.0

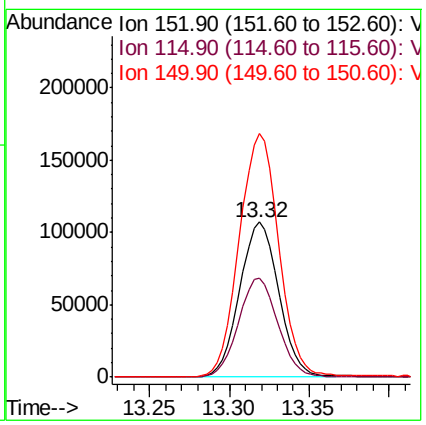


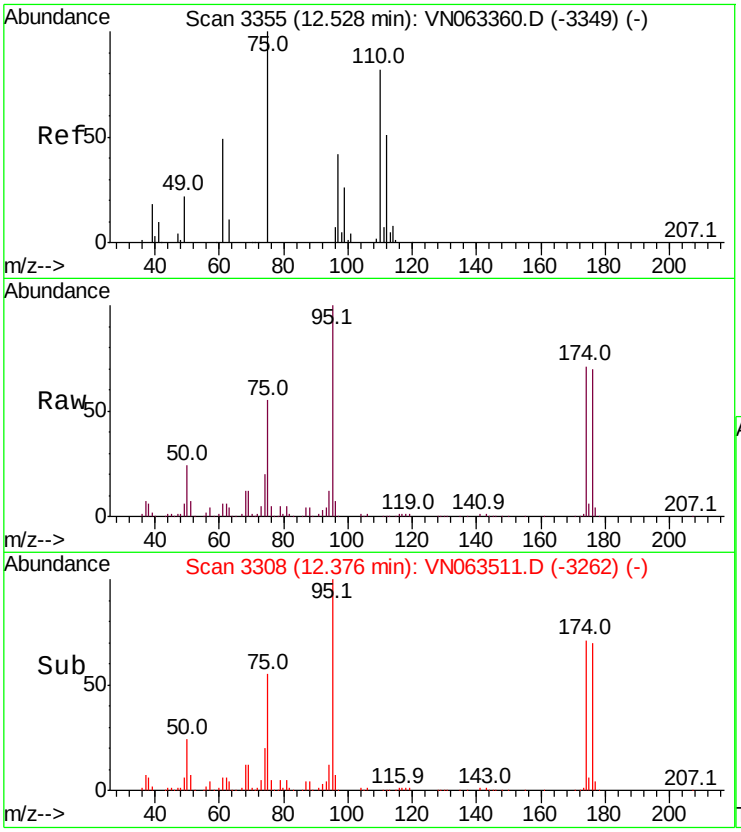


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion:152 Resp: 179429

Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.2	96.6
150	158.6	0.0	343.4



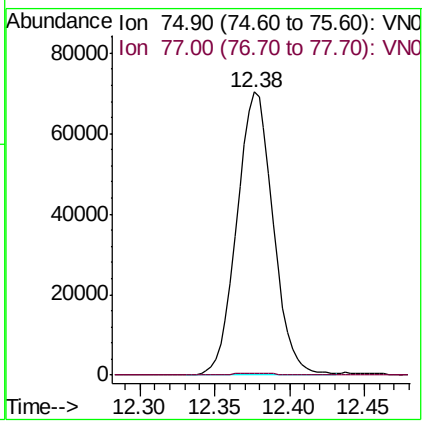


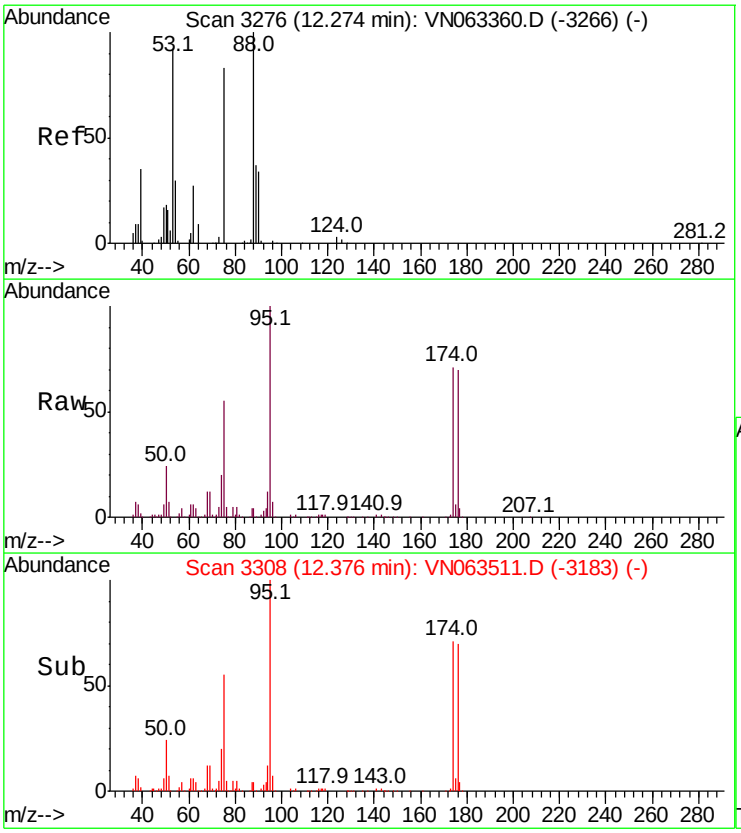
#76
1,2,3-Trichloropropane
Concen: 26.794 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20200915

Tgt Ion: 75 Resp: 118993

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.458 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063511.D
Acq: 22 Sep 2020 2:30

Tgt Ion: 75 Resp: 118993

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