Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063808.D
Acq On : 2 Oct 2020 6:56
Operator : JC/MD
Sample : L4236-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP-1

Quant Time: Oct 02 07:18:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	182347	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.60%			
35) Dibromofluoromethane	7.55	113	131191	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	10.06	98	488045	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.98%			
62) 4-Bromofluorobenzene	12.38	95	188896	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	550	0.217	ug/l #	42
4) Vinyl Chloride	2.16	62	18767	7.361	ug/l	99
6) Chloroethane	2.67	64	1212	0.796	ug/l #	79
11) Tert butyl alcohol	4.74	59	232	0.620	ug/l #	71
12) 1,1-Dichloroethene	3.70	96	124240	60.142	ug/l	96
16) Acetone	3.79	43	3219	3.085	ug/l #	79
17) Carbon Disulfide	4.00	76	373	0.766	ug/l #	76
20) Methylene Chloride	4.49	84	260	0.207	ug/l #	82
24) 1,1-Dichloroethane	5.80	63	80458	17.821	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	28404	10.674	ug/l	89
29) Tetrahydrofuran	7.19	42	254	0.256	ug/l #	36
31) Cyclohexane	7.62	56	5927	1.506	ug/l #	39
36) 1,1-Dichloropropene	7.62	75	18920	4.831	ug/l #	46
38) Carbon Tetrachloride	7.63	117	23161	5.274	ug/l #	15
39) Methylcyclohexane	9.05	83	856	0.219	ug/l #	91
40) Benzene	8.00	78	6285	0.562	ug/l	91
42) 1,2-Dichloroethane	8.08	62	14648	3.067	ug/l	100
43) Isopropyl Acetate	8.09	43	17174	2.676	ug/l #	75
44) Trichloroethene	8.80	130	2304	0.786	ug/l	68
48) Methyl methacrylate	9.16	41	814	0.257	ug/l #	49
49) 1,4-Dioxane	9.16	88	25684	569.894	ug/l	93
74) N-amyl acetate	12.02	43	609	2.324	ug/l #	49
76) 1,2,3-Trichloropropane	12.38	75	111530	31.981	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	111530	92.109	ug/l #	10
86) p-Isopropyltoluene	13.42	119	1885	0.205	ug/l	86

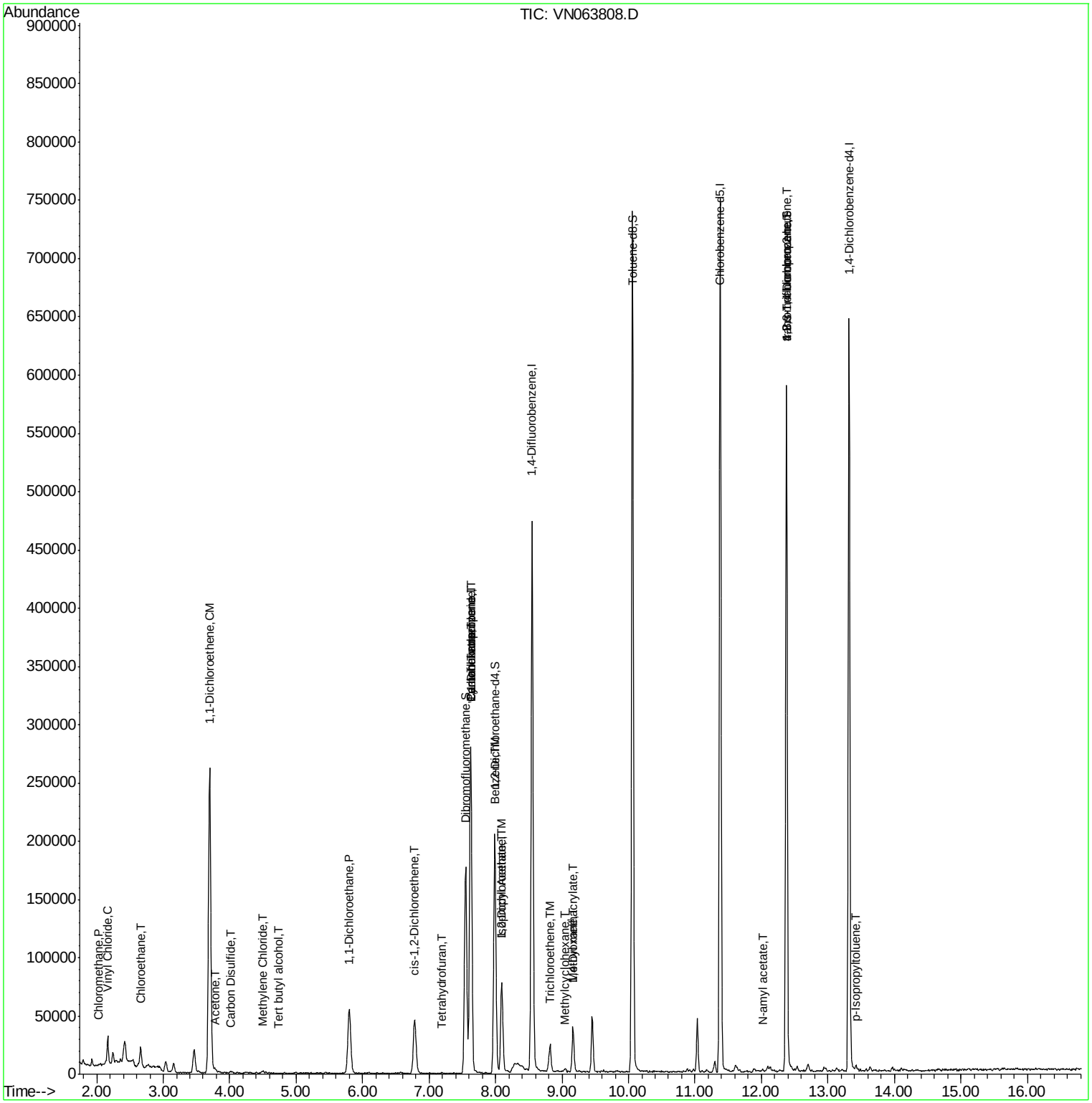
(#) = qualifier out of range (m) = manual integration (+) = signals summed

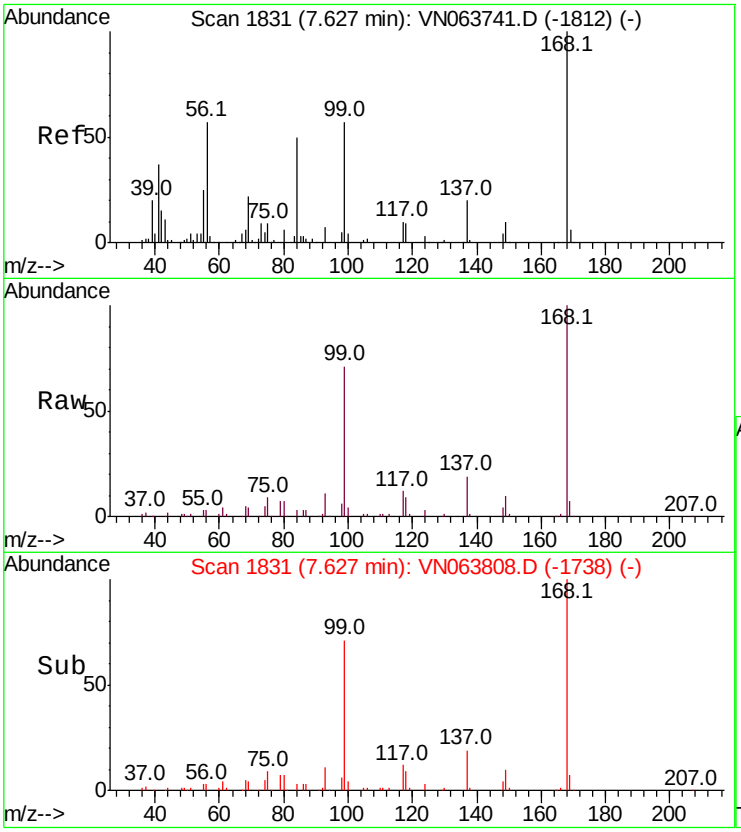
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063808.D
Acq On : 2 Oct 2020 6:56
Operator : JC/MD
Sample : L4236-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP-1

Quant Time: Oct 02 07:18:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



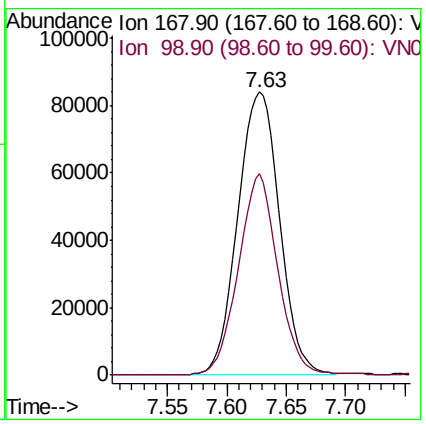


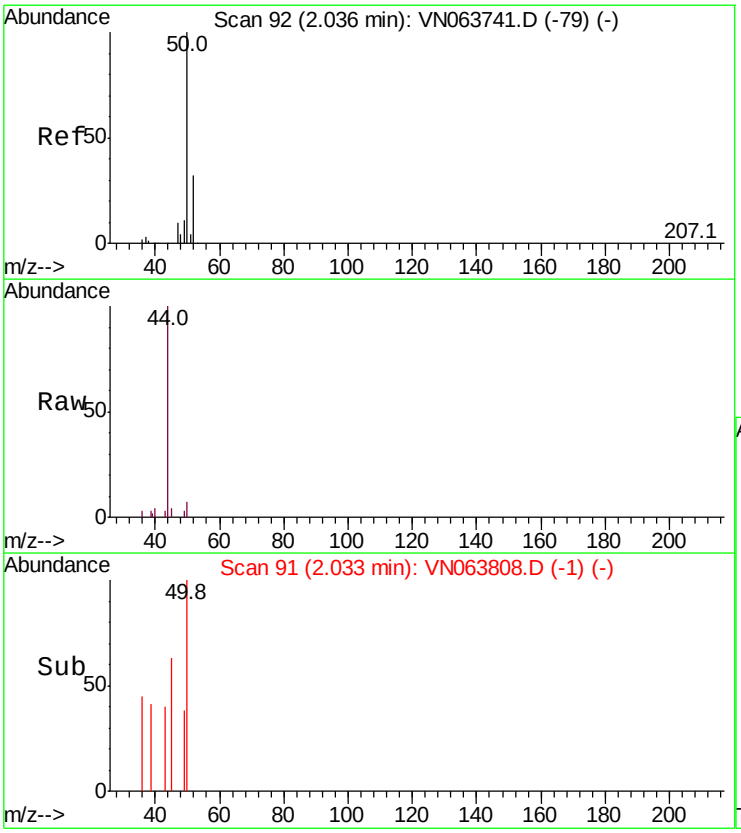
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:168 Resp: 205143

Ion	Ratio	Lower	Upper
168	100		
99	70.8	51.8	77.6

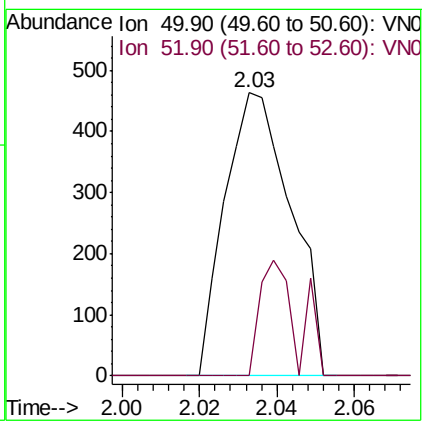


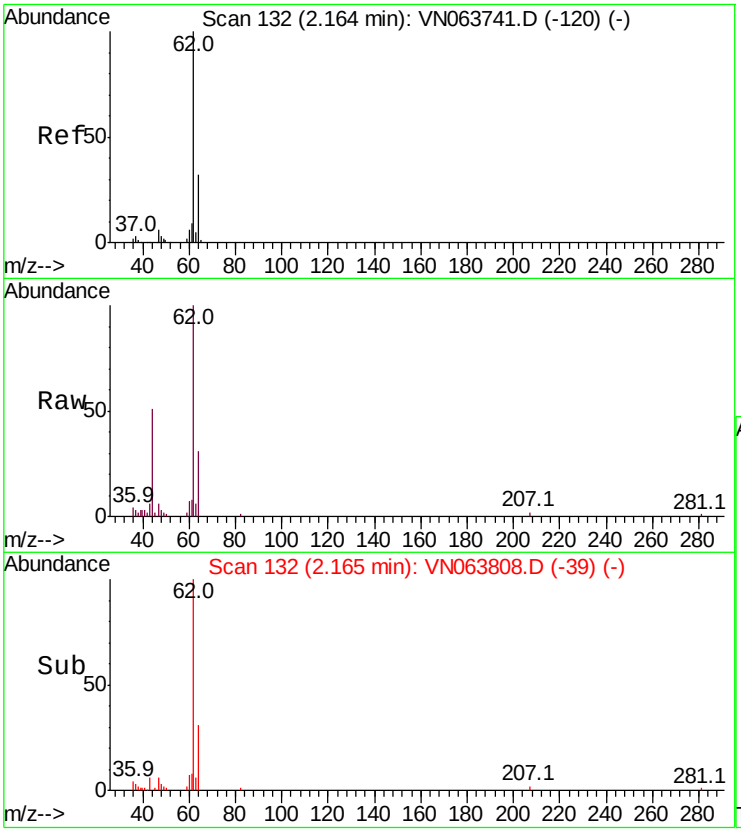


#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.03 min Scan# 91
Delta R.T. -0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 50 Resp: 550

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.8#



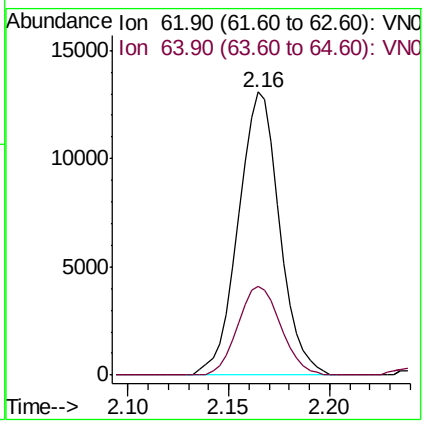


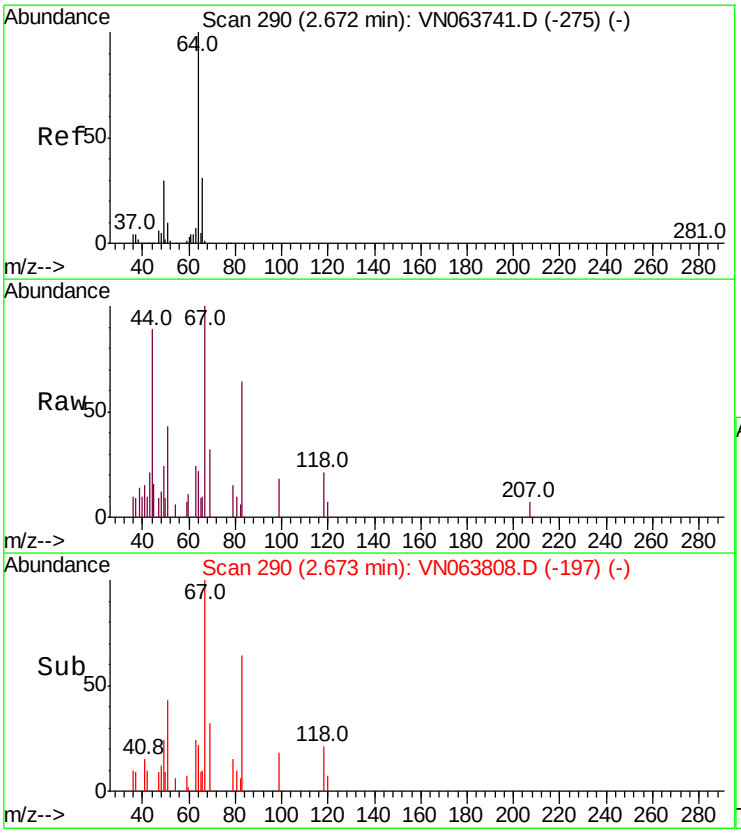
#4
Vinyl Chloride
Concen: 7.361 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 62 Resp: 18767

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.6	38.4

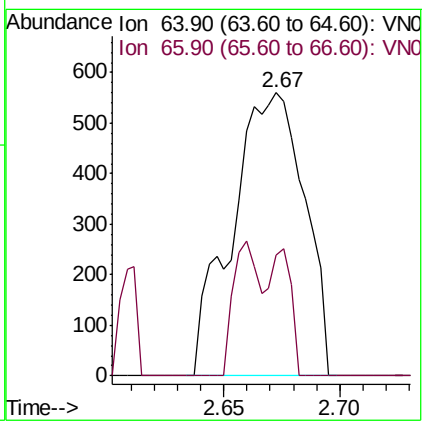


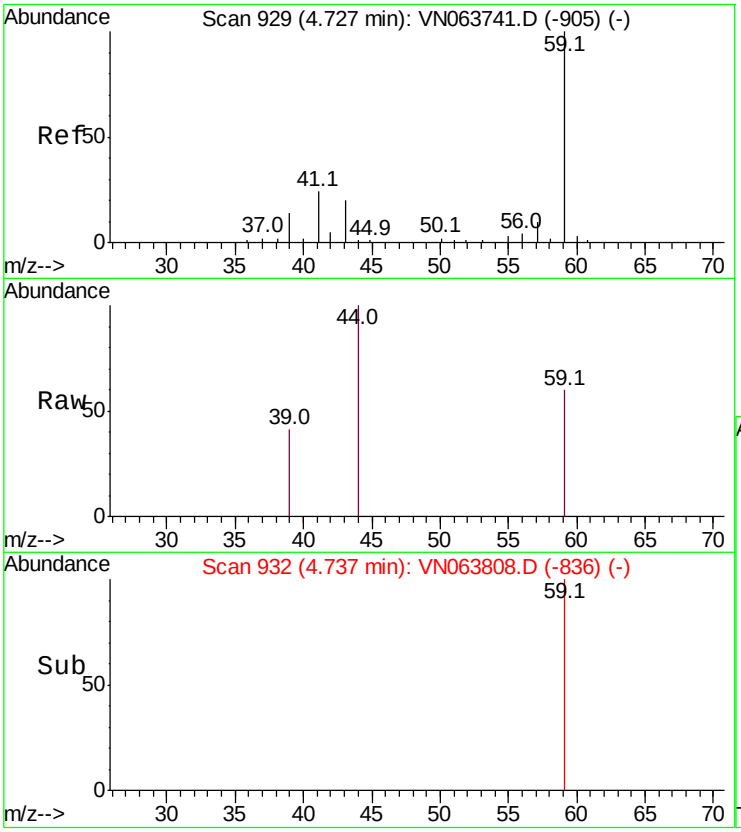


#6
Chloroethane
Concen: 0.796 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 64 Resp: 1212

Ion	Ratio	Lower	Upper
64	100		
66	42.9	25.1	37.7#



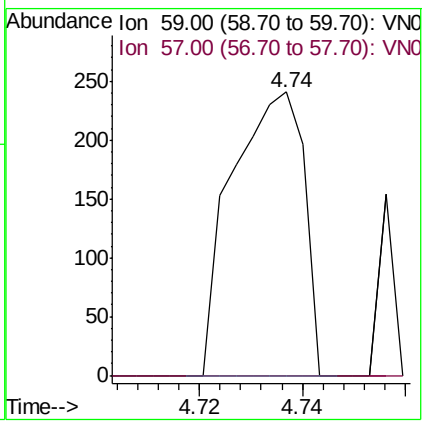


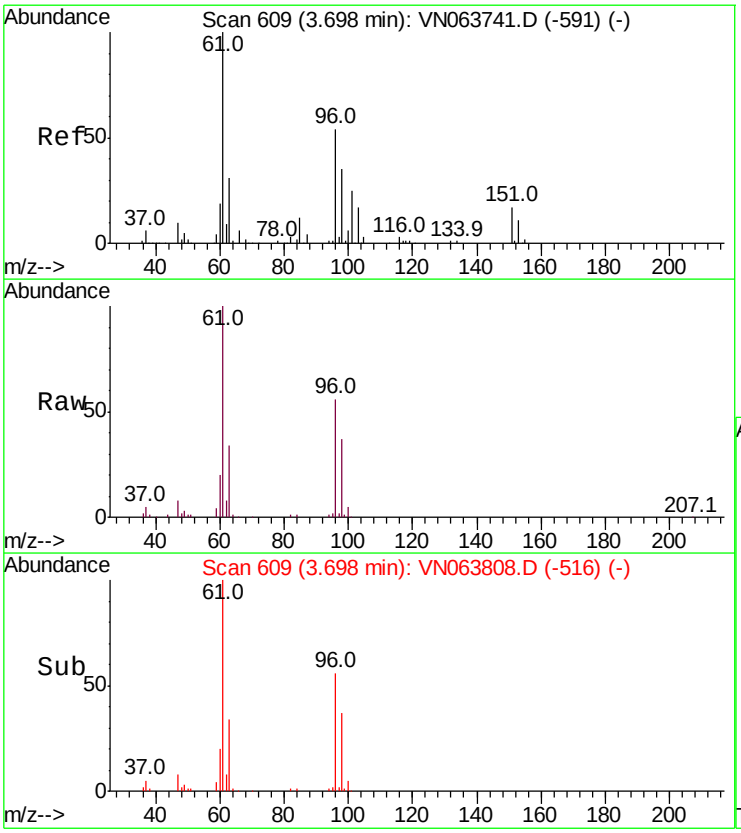
#11
Tert butyl alcohol
Concen: 0.620 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 59 Resp: 232

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

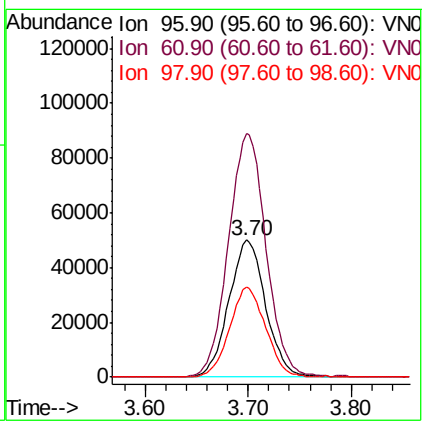


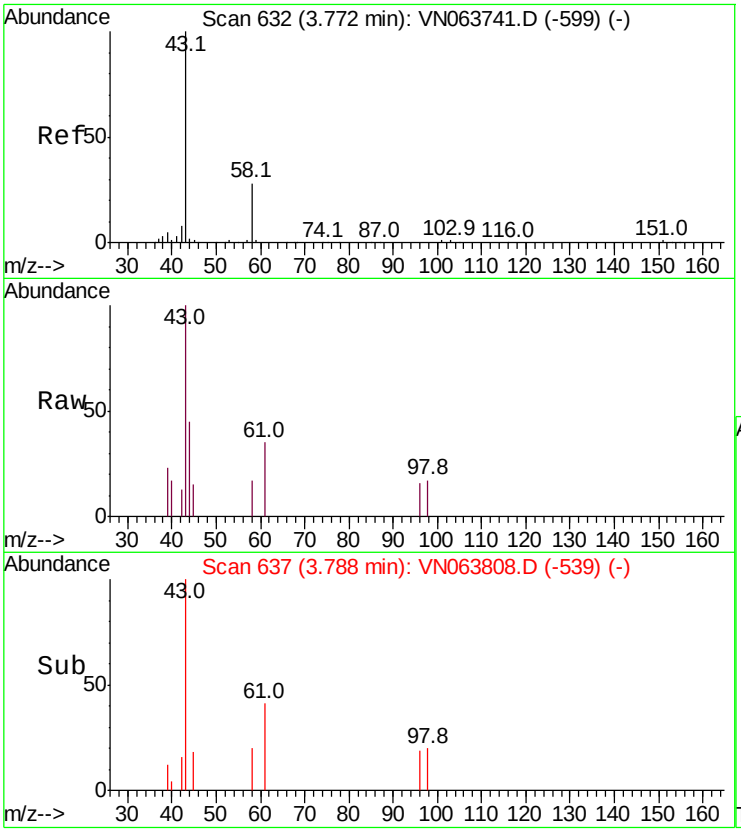


#12
1,1-Dichloroethene
Concen: 60.142 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 96 Resp: 124240

Ion	Ratio	Lower	Upper
96	100		
61	177.2	147.7	221.5
98	65.7	51.9	77.9



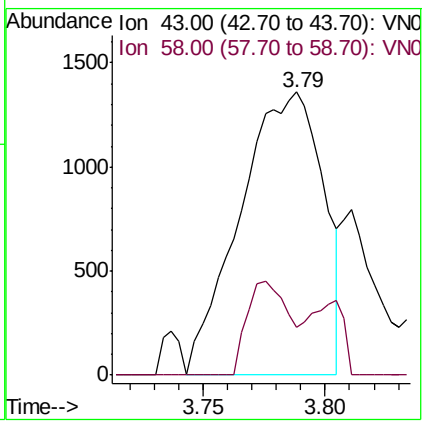


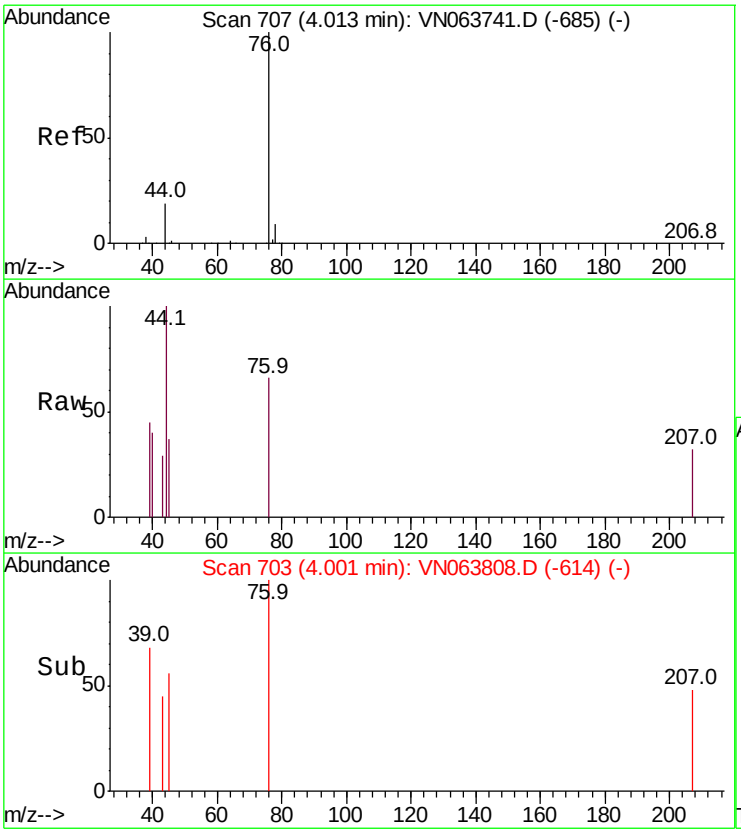
#16
Acetone
Concen: 3.085 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.02 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 43 Resp: 3219

Ion	Ratio	Lower	Upper
43	100		
58	17.0	22.3	33.5#

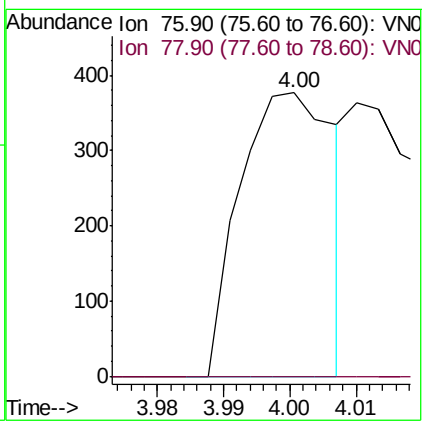


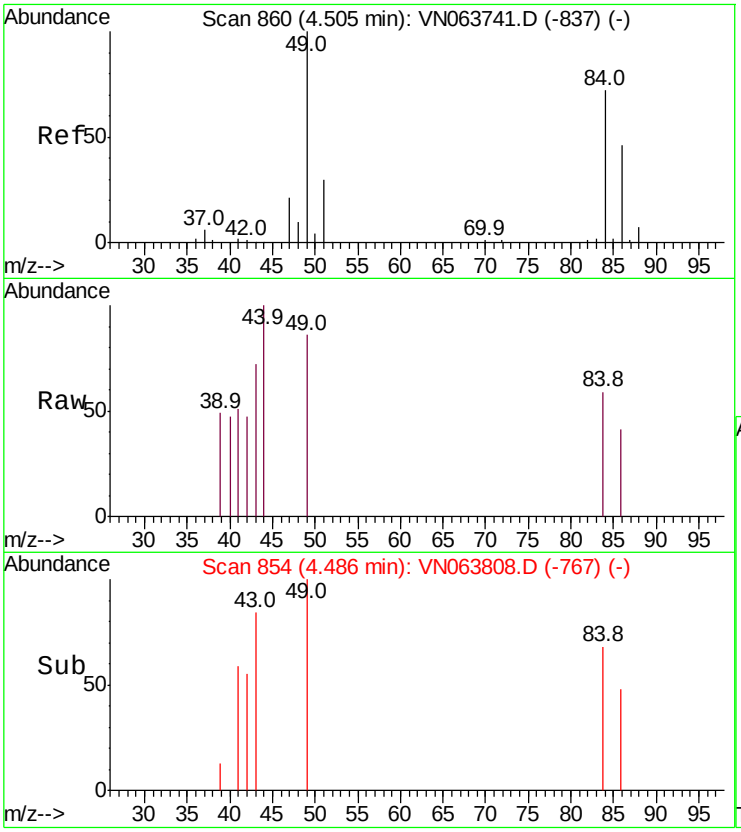


#17
Carbon Disulfide
Concen: 0.766 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 76 Resp: 373

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



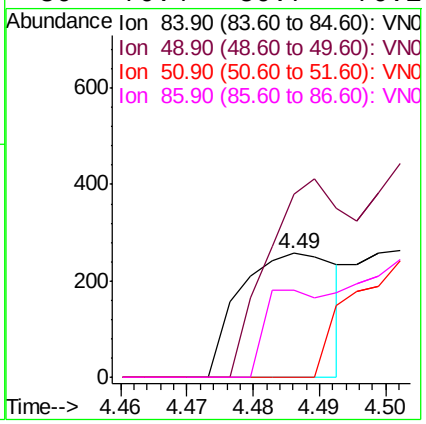


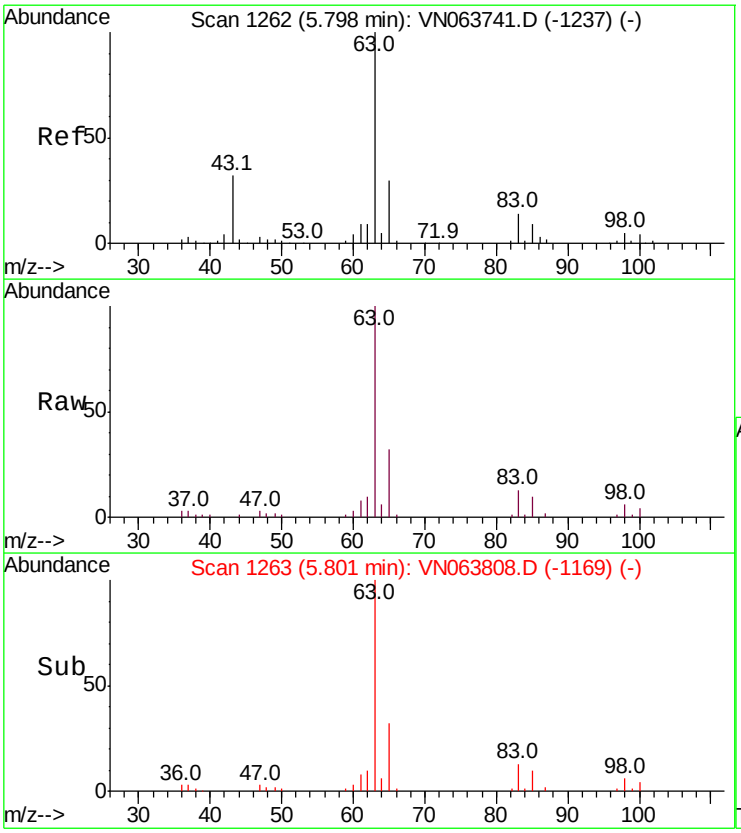
#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 4.49 min Scan# 854
Delta R.T. -0.02 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 84 Resp: 260

Ion	Ratio	Lower	Upper
84	100		
49	147.5	110.4	165.6
51	0.0	33.3	49.9#
86	70.4	50.7	76.1

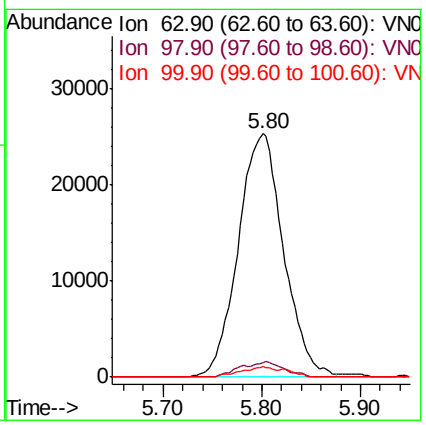


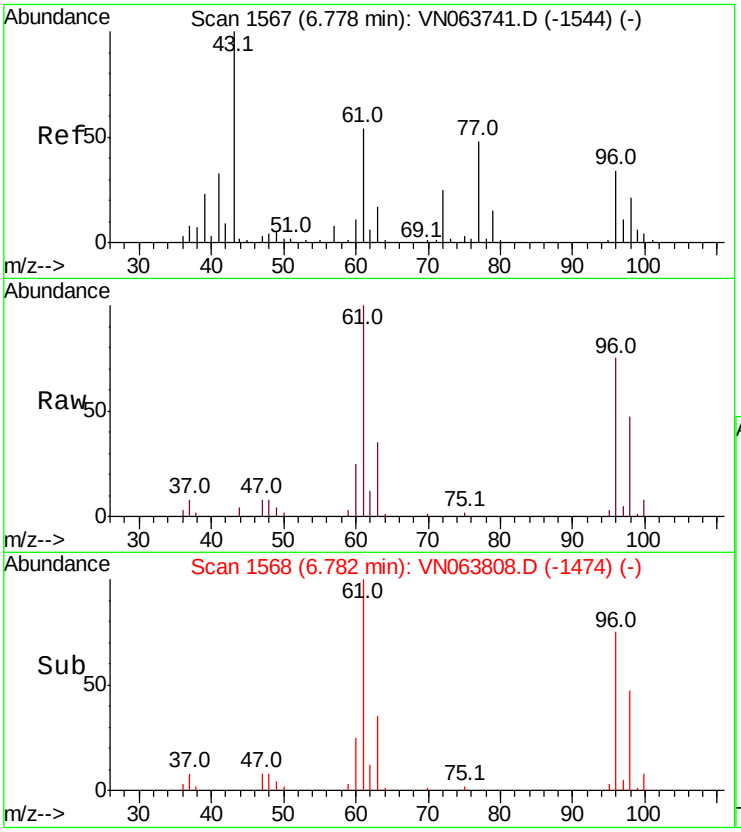


#24
1,1-Dichloroethane
Concen: 17.821 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 63 Resp: 80458

Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.7	8.1
100	4.1	1.9	5.7



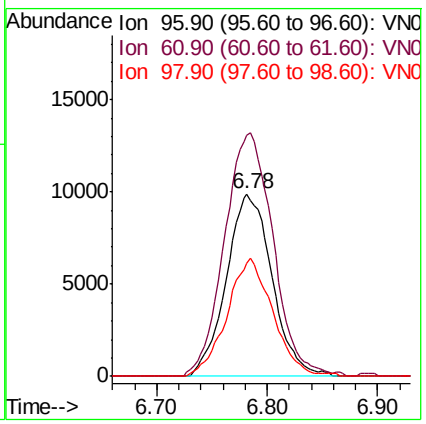


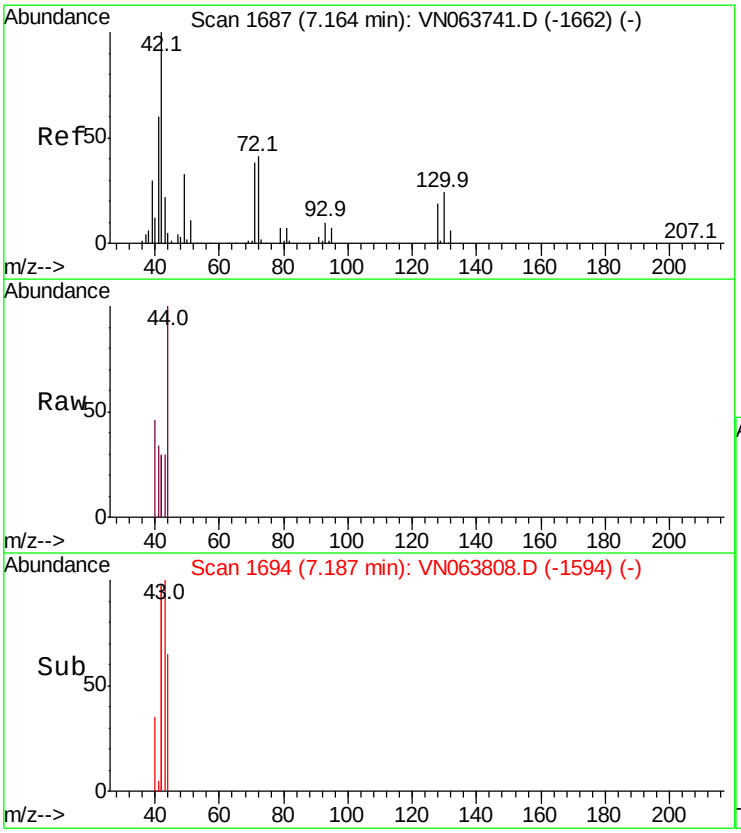
#27
cis-1,2-Dichloroethene
Concen: 10.674 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 96 Resp: 28404

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	321.2
98	64.5	0.0	124.4

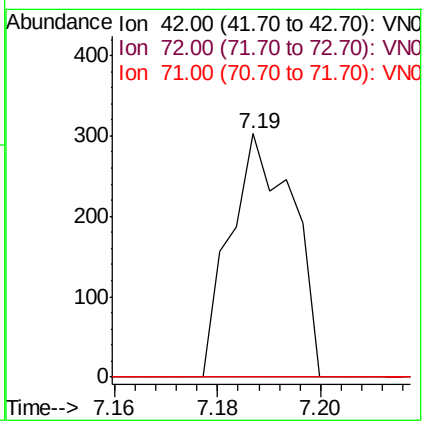


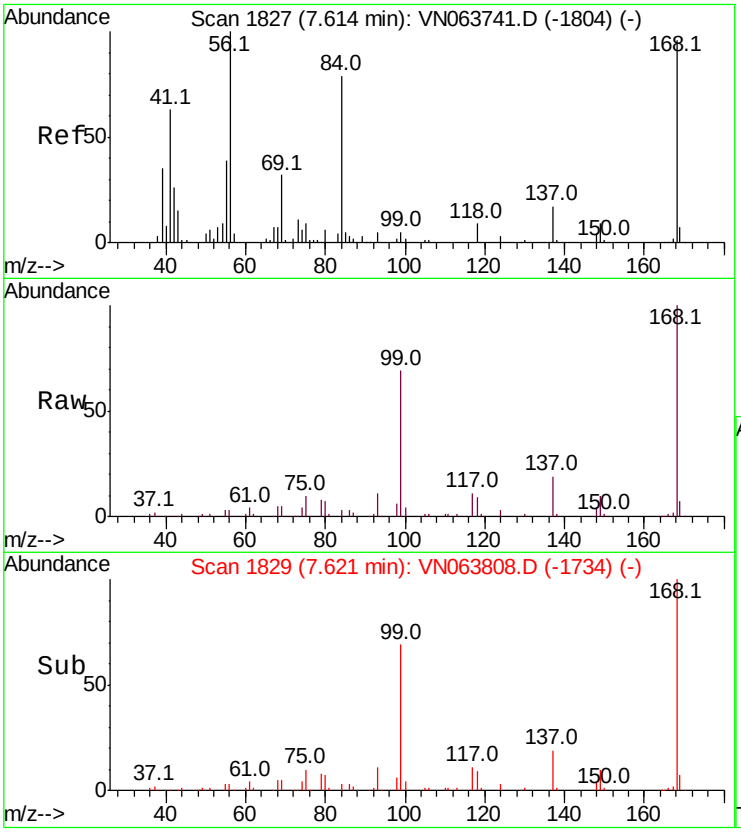


#29
Tetrahydrofuran
Concen: 0.256 ug/l
RT: 7.19 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 42 Resp: 254

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	30.6	45.8#



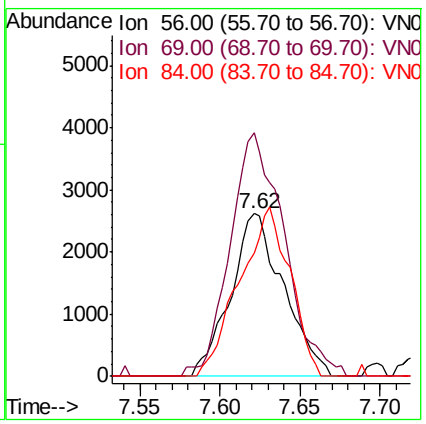


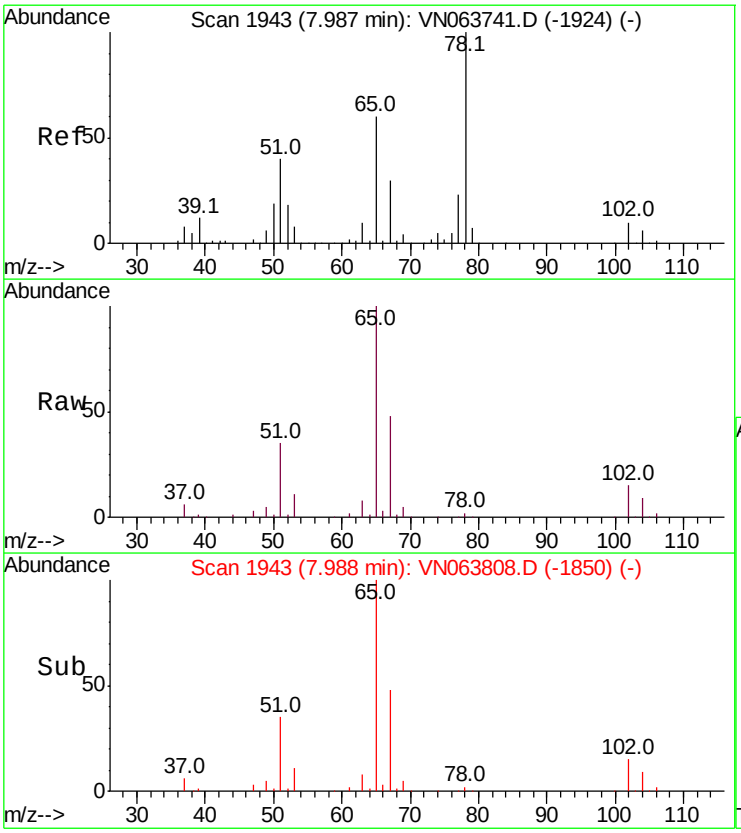
#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 56 Resp: 5927

Ion	Ratio	Lower	Upper
56	100		
69	143.6	25.4	38.2#
84	75.6	63.3	94.9

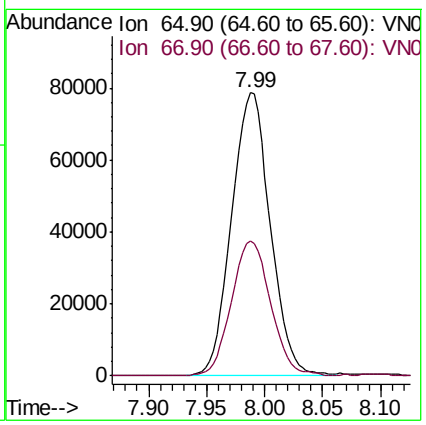


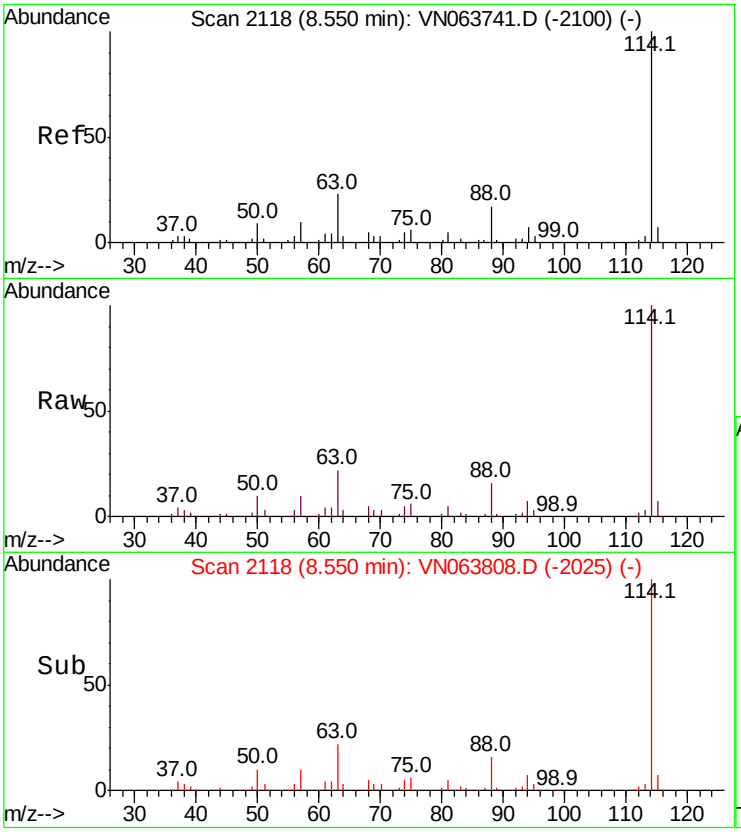


#33
1,2-Dichloroethane-d4
Concen: 53.804 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 65 Resp: 182347

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.6



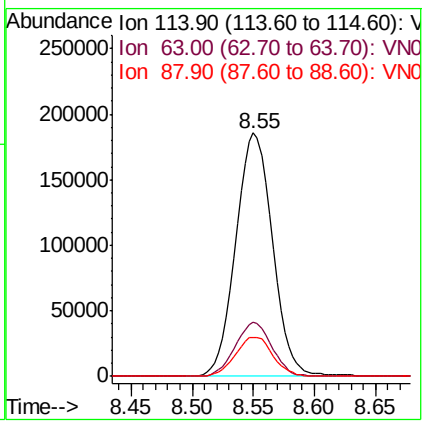


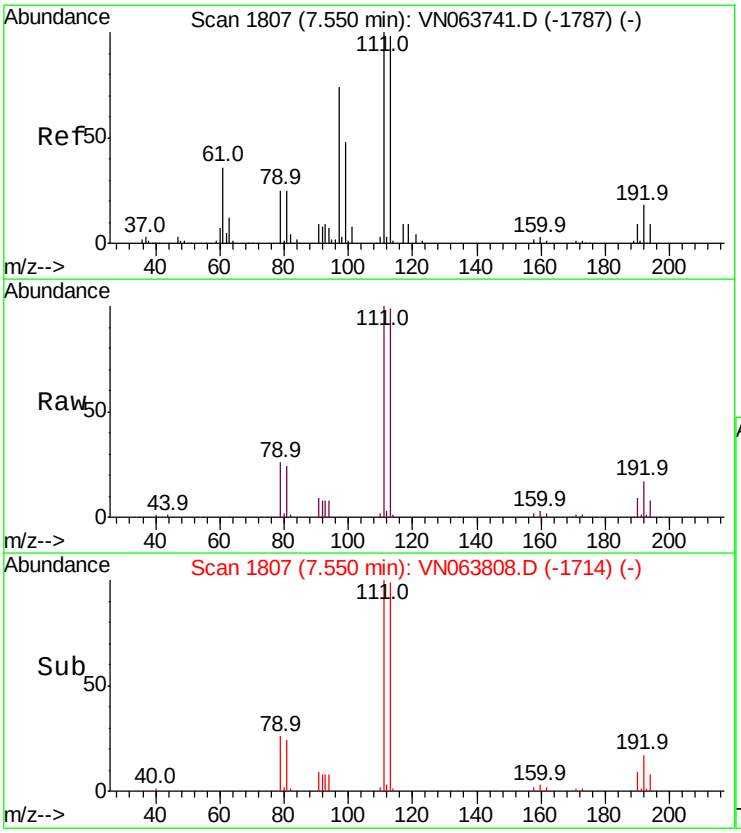
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:114 Resp: 386597

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	16.2	0.0	34.0

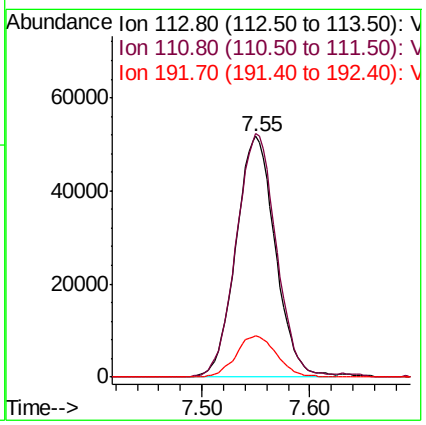


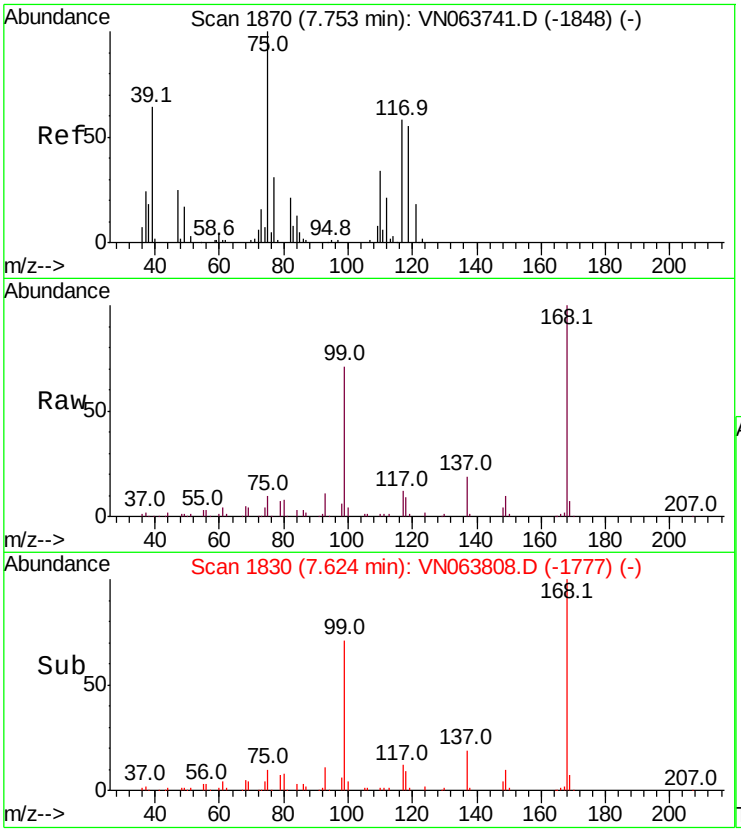


#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion:113 Resp: 131191

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	17.8	14.2	21.2



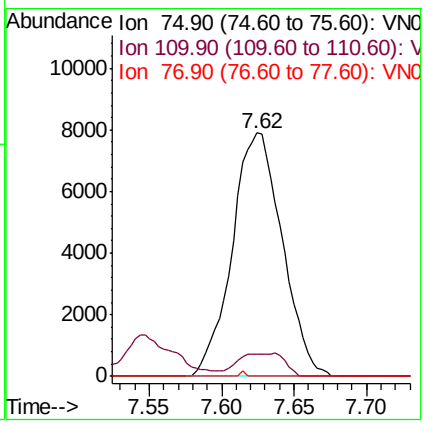


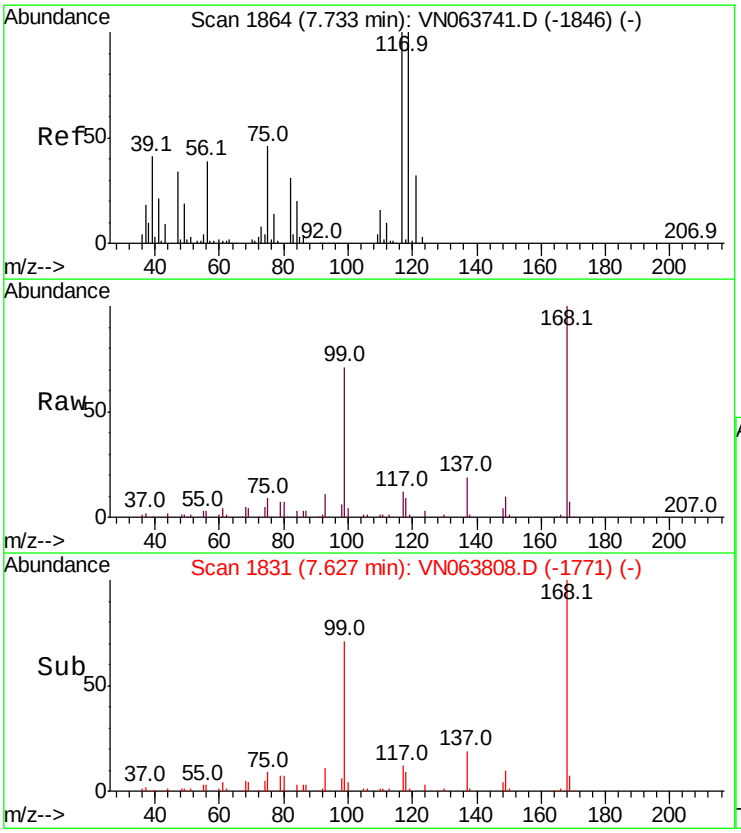
#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 18920

Ion	Ratio	Lower	Upper
75	100		
110	4.0	16.9	50.6#
77	0.0	24.5	36.7#

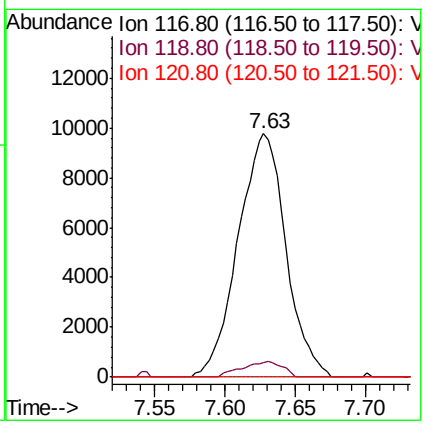


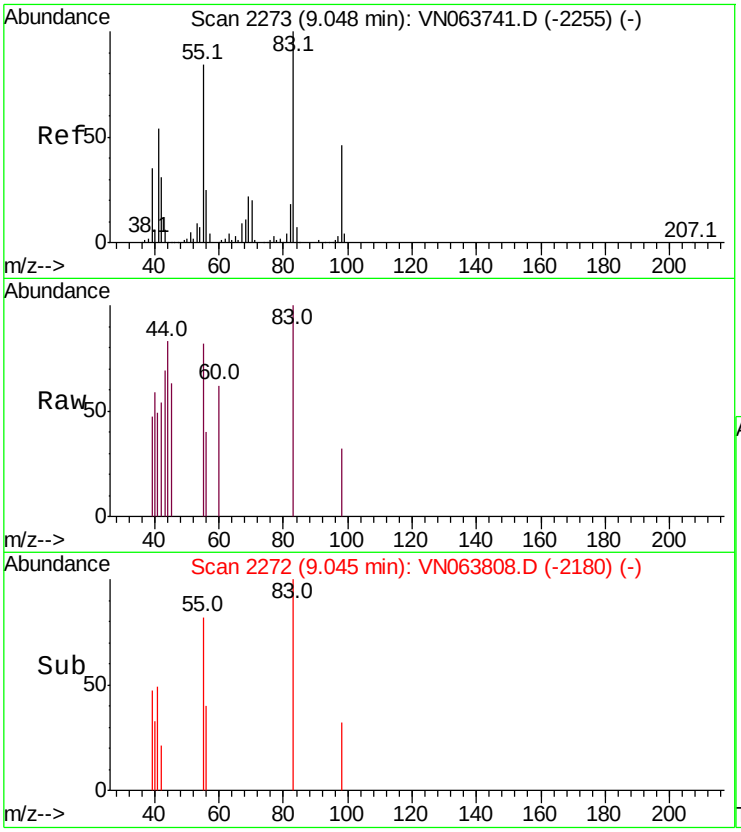


#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion:117 Resp: 23161

Ion	Ratio	Lower	Upper
117	100		
119	5.7	80.1	120.1#
121	0.0	25.7	38.5#



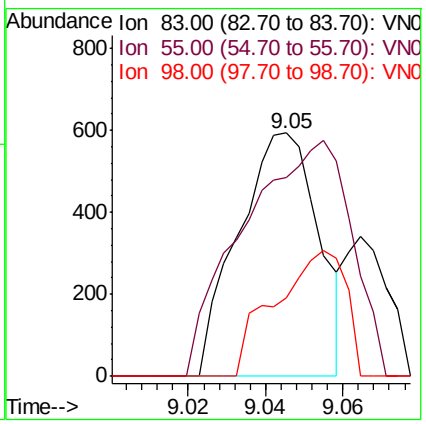


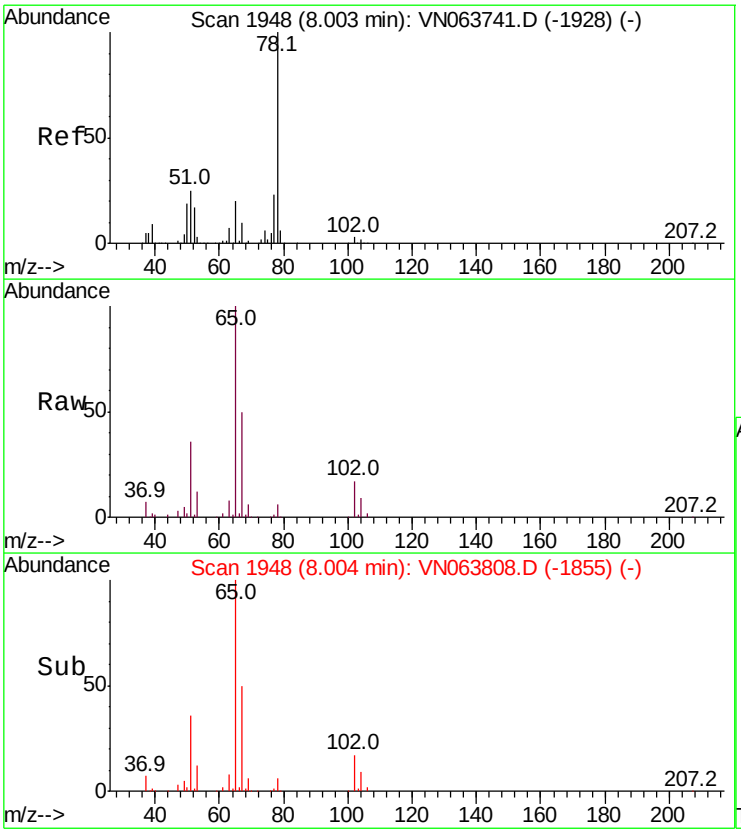
#39
Methylcyclohexane
Concen: 0.219 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 83 Resp: 856

Ion	Ratio	Lower	Upper
83	100		
55	81.8	67.1	100.7
98	32.2	36.6	54.8#

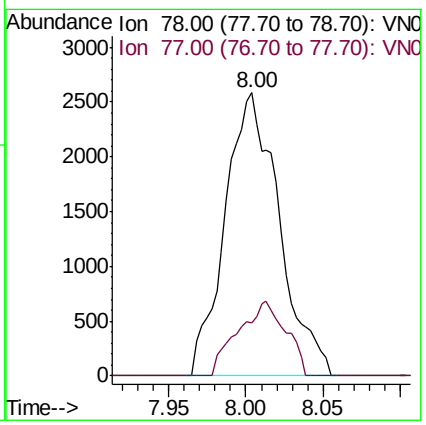


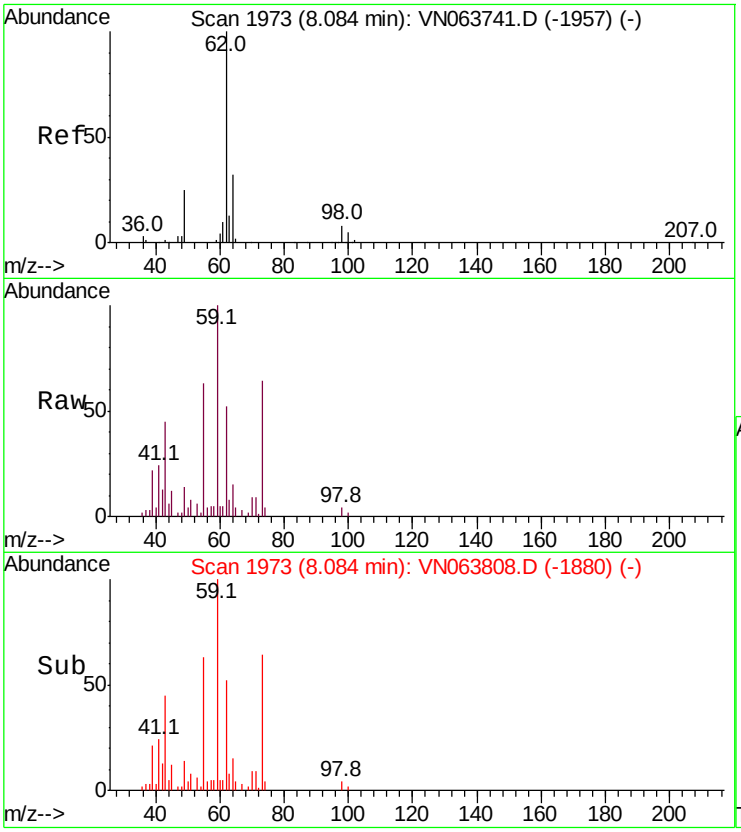


#40
Benzene
Concen: 0.562 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 78 Resp: 6285

Ion	Ratio	Lower	Upper
78	100		
77	18.9	18.7	28.1



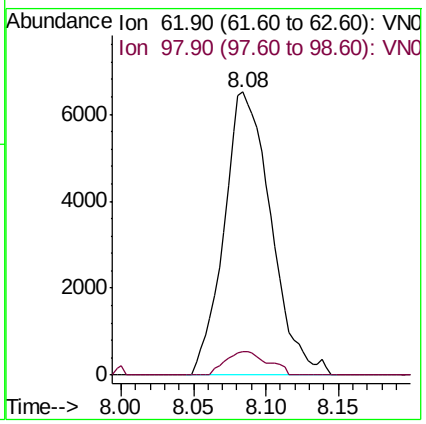


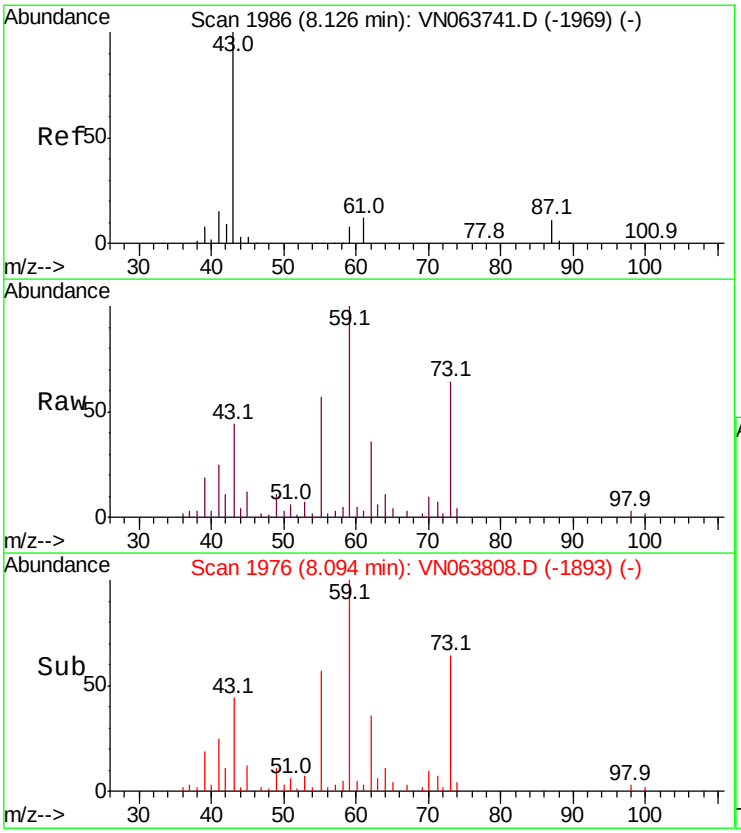
#42
1,2-Dichloroethane
Concen: 3.067 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 62 Resp: 14648

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0

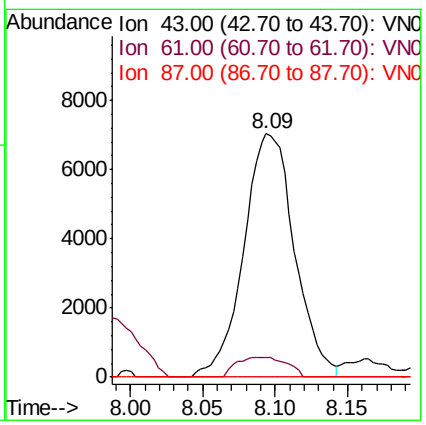


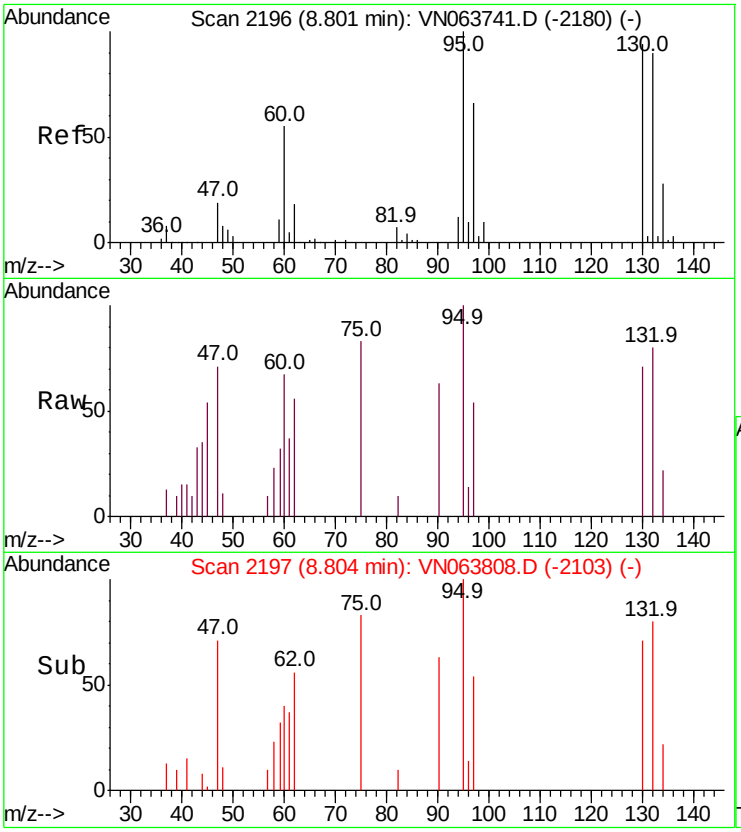


#43
Isopropyl Acetate
Concen: 2.676 ug/l
RT: 8.09 min Scan# 1976
Delta R.T. -0.03 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 43 Resp: 17174

Ion	Ratio	Lower	Upper
43	100		
61	8.0	14.2	21.4#
87	0.0	9.0	13.6#



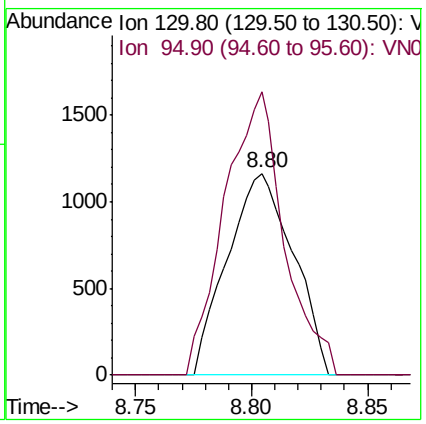


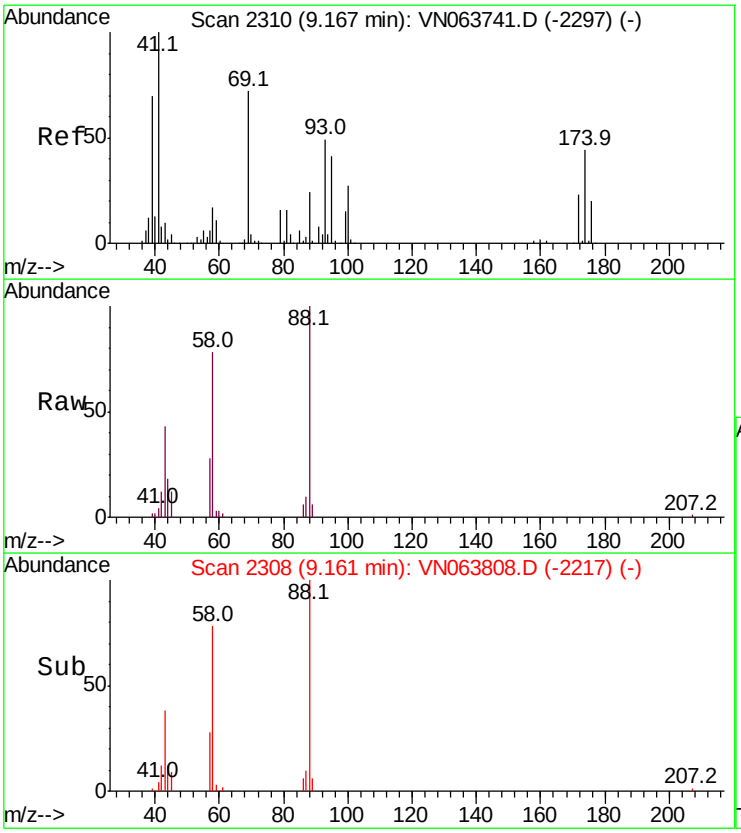
#44
Trichloroethene
Concen: 0.786 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:130 Resp: 2304

Ion	Ratio	Lower	Upper
130	100		
95	140.4	0.0	213.6

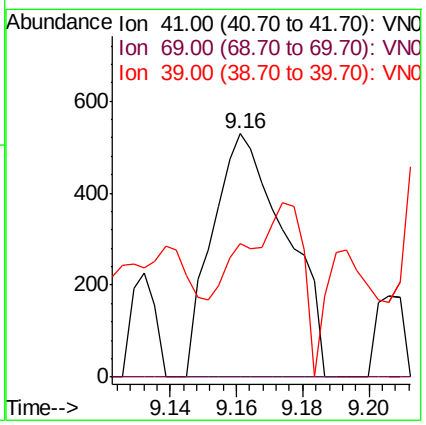


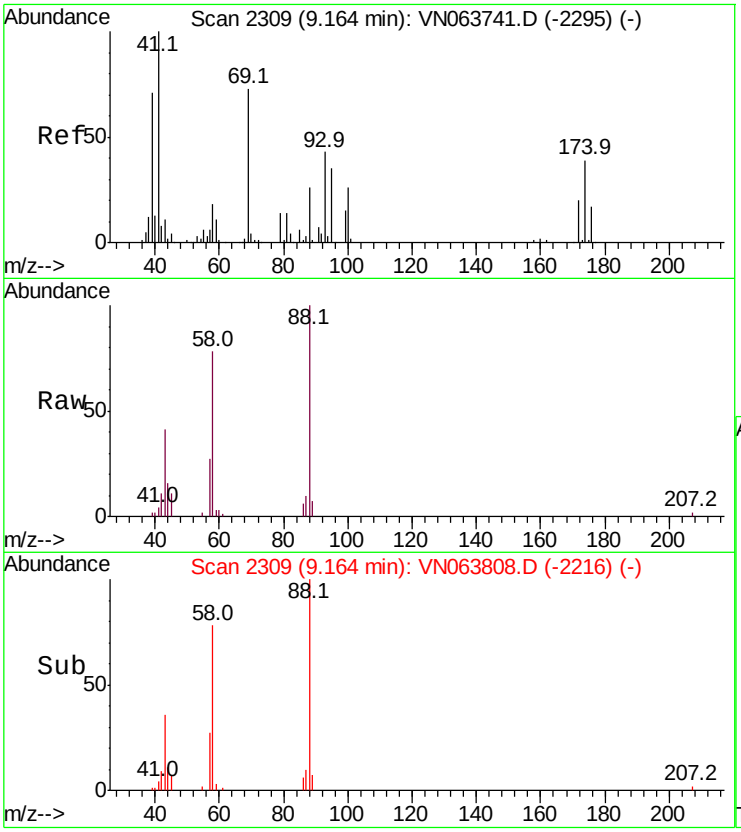


#48
Methyl methacrylate
Concen: 0.257 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 41 Resp: 814

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	63.1	57.5	86.3



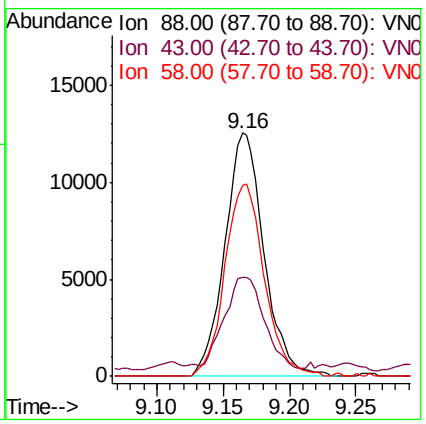


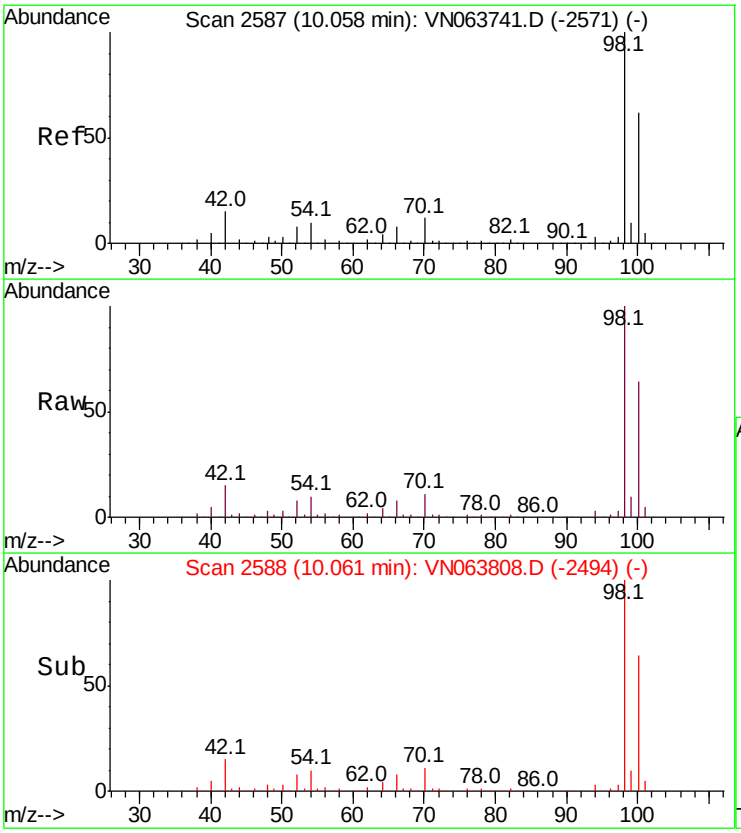
#49
1,4-Dioxane
Concen: 569.894 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument : MSVOA_N
ClientSampleId : DUP-1

Tgt Ion: 88 Resp: 25684

Ion	Ratio	Lower	Upper
88	100		
43	38.0	33.1	49.7
58	79.7	58.9	88.3

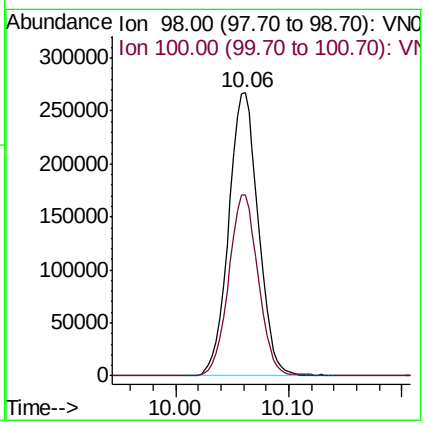


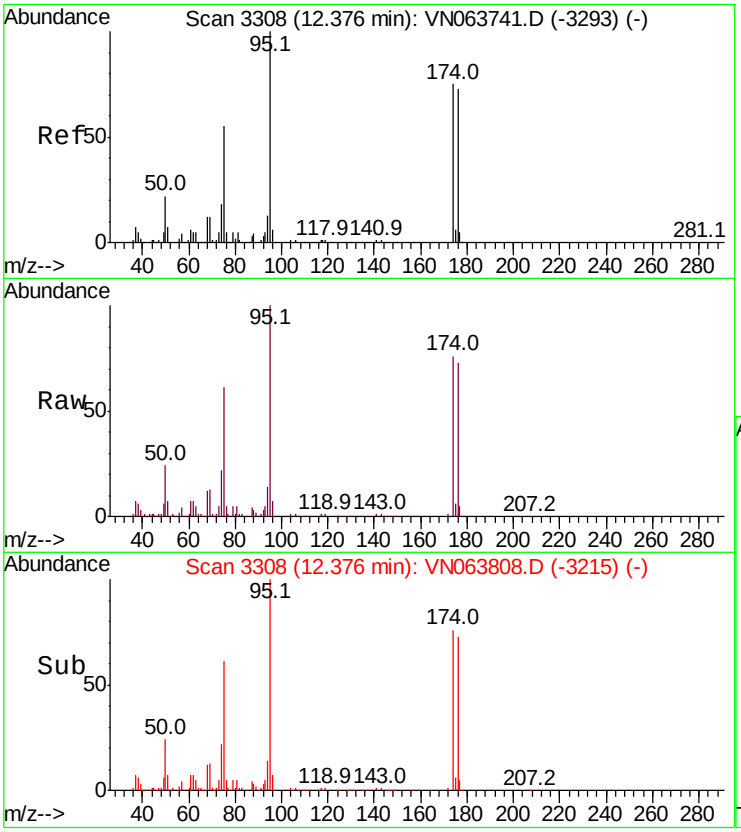


#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 98 Resp: 488045

Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.6



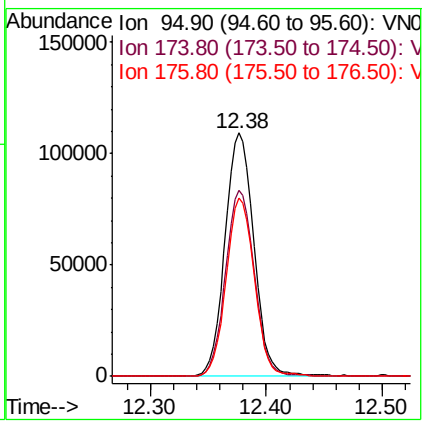


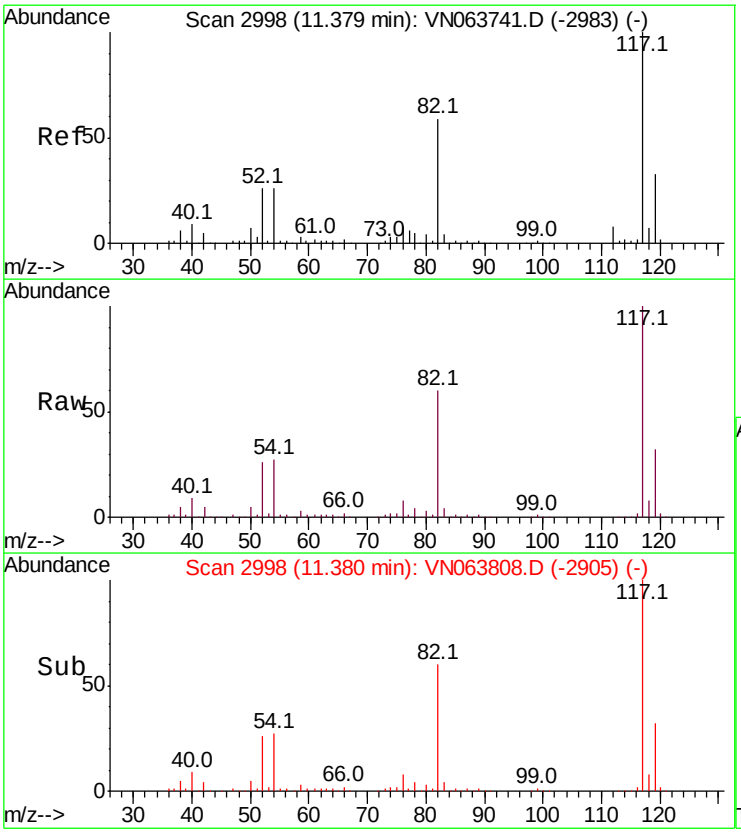
#62
4-Bromofluorobenzene
Concen: 49.415 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 95 Resp: 188896

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.6
176	71.4	0.0	145.4

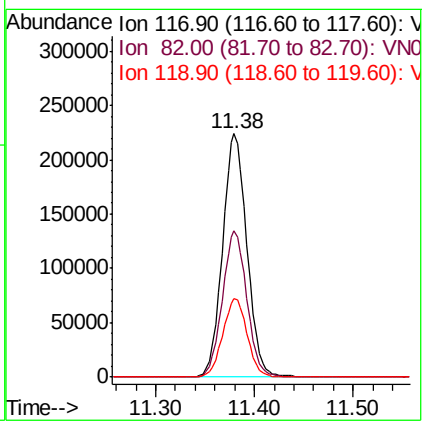


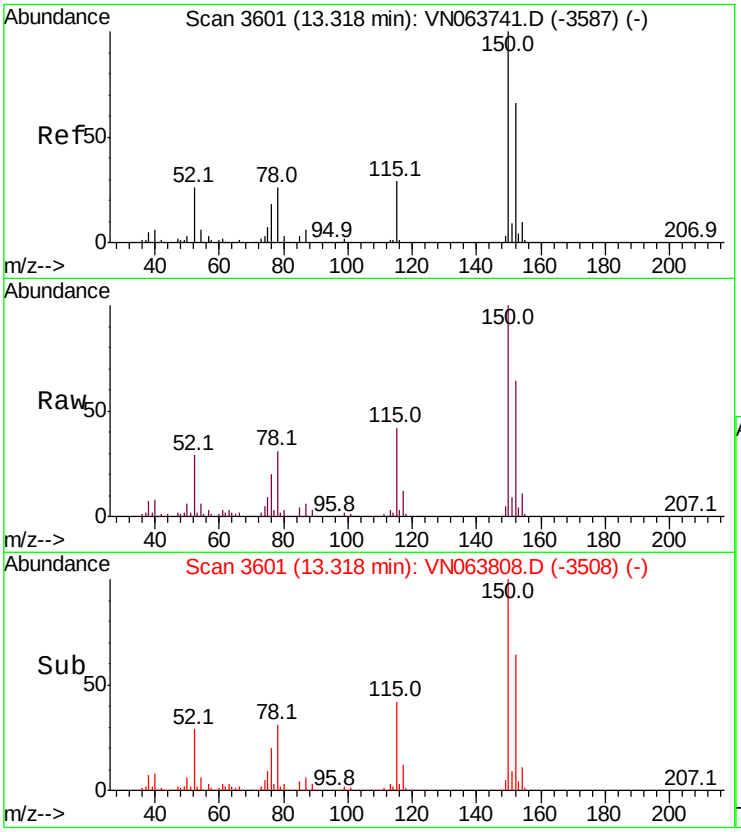


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion:117 Resp: 388318

Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.4	71.2
119	32.2	26.4	39.6



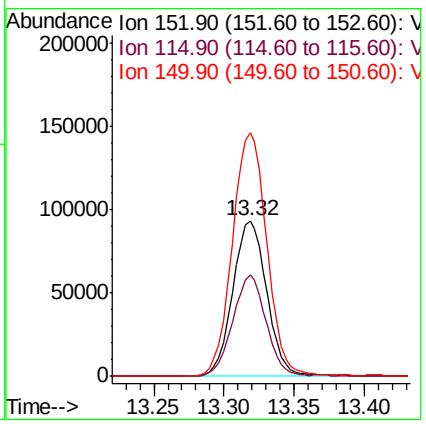


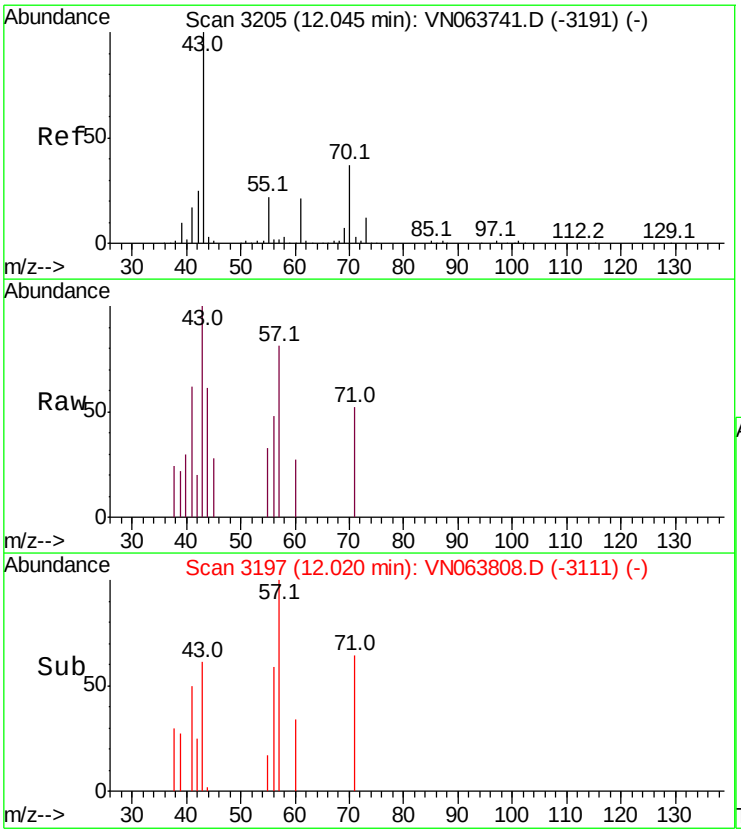
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 158203

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.3	93.8
150	158.4	0.0	341.8

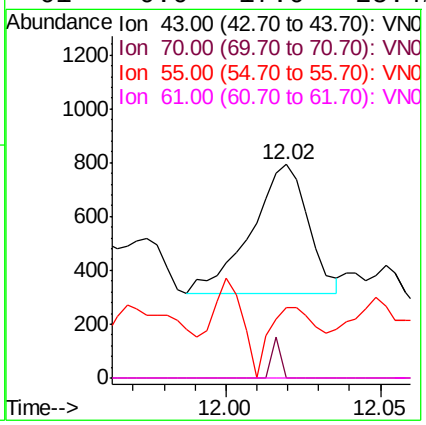


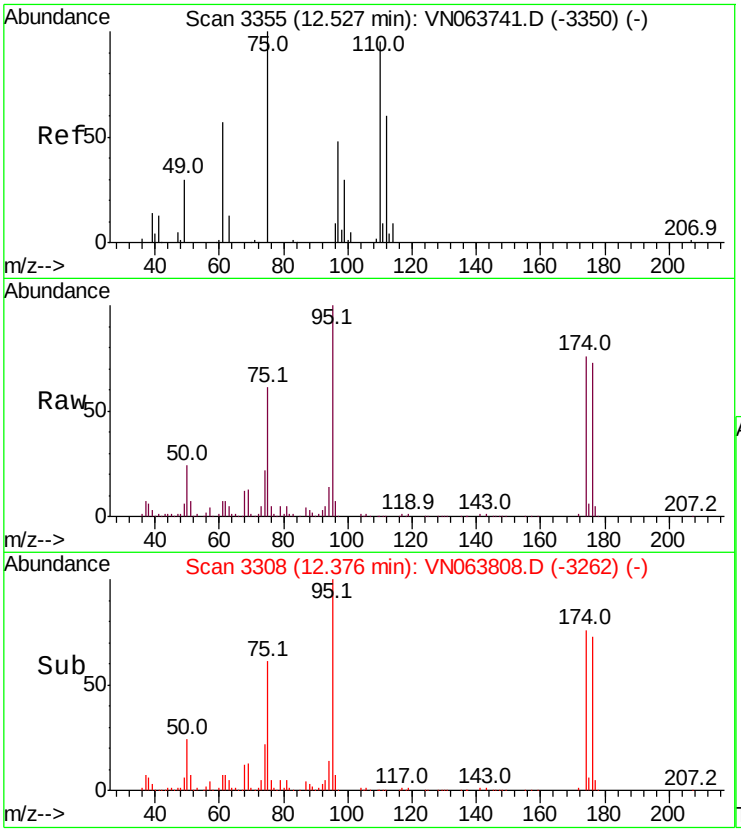


#74
N-amyl acetate
Concen: 2.324 ug/l
RT: 12.02 min Scan# 3197
Delta R.T. -0.02 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 43 Resp: 609

Ion	Ratio	Lower	Upper
43	100		
70	4.9	29.8	44.8#
55	47.3	17.9	26.9#
61	0.0	17.0	25.4#



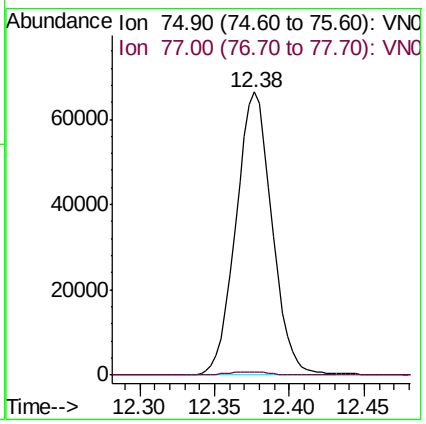


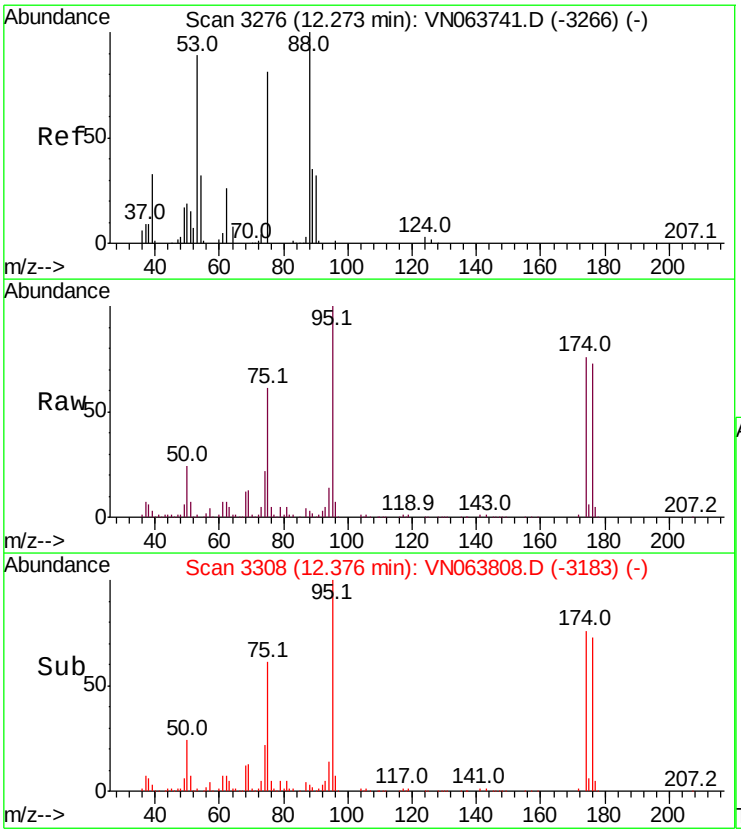
#76
1,2,3-Trichloropropane
Concen: 31.981 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion: 75 Resp: 111530

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

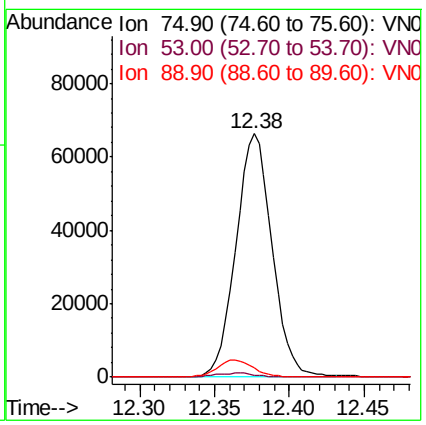


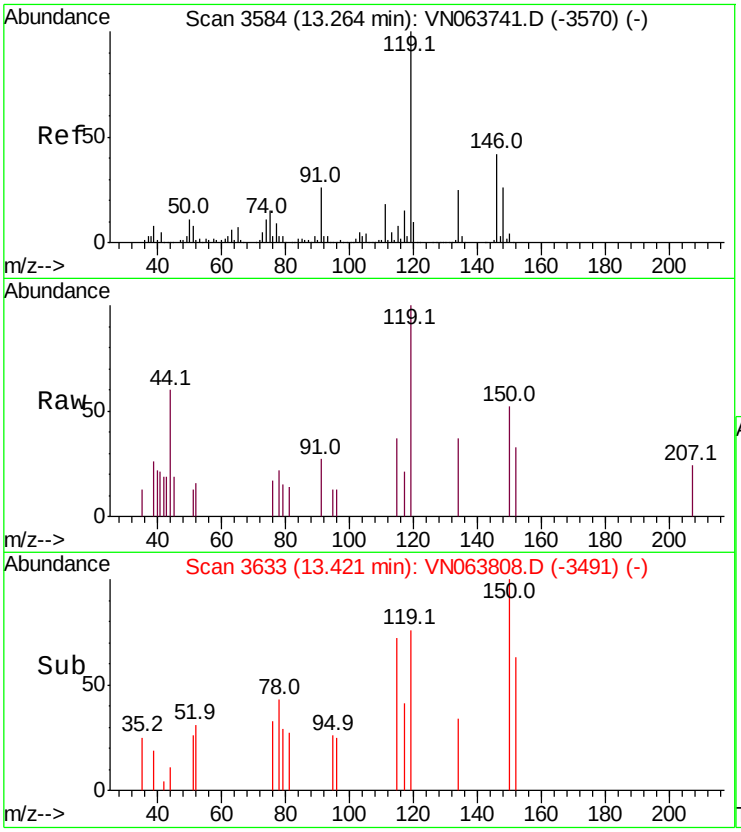


#81
trans-1,4-Dichloro-2-butene
Concen: 92.109 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Tgt Ion: 75 Resp: 111530

Ion	Ratio	Lower	Upper
75	100		
53	1.9	88.2	132.2#
89	7.0	36.0	54.0#





#86
p-Isopropyltoluene
Concen: 0.205 ug/l
RT: 13.42 min Scan# 3633
Delta R.T. 0.16 min
Lab File: VN063808.D
Acq: 2 Oct 2020 6:56

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:119 Resp: 1885

Ion	Ratio	Lower	Upper
119	100		
134	29.5	12.6	37.8
91	37.0	13.4	40.2