Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063967.D
Acq On : 8 Oct 2020 2:29
Operator : JC/MD
Sample : PB132153ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Quant Time: Oct 08 05:10:28 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	259259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	476969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	496038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211252	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
35) Dibromofluoromethane	7.55	113	156501	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.58%			
50) Toluene-d8	10.06	98	615181	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
62) 4-Bromofluorobenzene	12.38	95	243291	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	221	0.467	ug/l #	71
16) Acetone	3.78	43	13060	9.905	ug/l	100
17) Carbon Disulfide	4.01	76	838	0.818	ug/l #	76
18) Methyl Acetate	4.29	43	3624	1.059	ug/l #	69
20) Methylene Chloride	4.50	84	4756	1.670	ug/l	94
25) 2-Butanone	6.80	43	5913	3.163	ug/l #	89
29) Tetrahydrofuran	7.18	42	881	0.703	ug/l #	59
31) Cyclohexane	7.62	56	7074	1.423	ug/l #	44
36) 1,1-Dichloropropene	7.63	75	22284	4.612	ug/l #	52
38) Carbon Tetrachloride	7.63	117	28719	5.300	ug/l #	14
43) Isopropyl Acetate	8.13	43	90707	11.455	ug/l	98
45) 1,2-Dichloropropane	9.24	63	1847	0.496	ug/l #	44
48) Methyl methacrylate	9.14	41	6266	1.602	ug/l #	12
49) 1,4-Dioxane	9.23	88	63	1.133	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	10734	2.310	ug/l #	87
52) Toluene	10.12	92	1925	0.225	ug/l	95
54) cis-1,3-Dichloropropene	9.87	75	35878	6.039	ug/l #	66
56) Ethyl methacrylate	10.51	69	2608	0.537	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	6157	1.063	ug/l #	43
59) 2-Hexanone	10.74	43	111024	32.161	ug/l #	55
74) N-amyl acetate	12.00	43	5051	2.921	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	133264	29.933	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3548	0.287	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	133264	86.212	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.89	180	102	1.764	ug/l #	12
95) Naphthalene	15.10	128	309	1.952	ug/l #	68

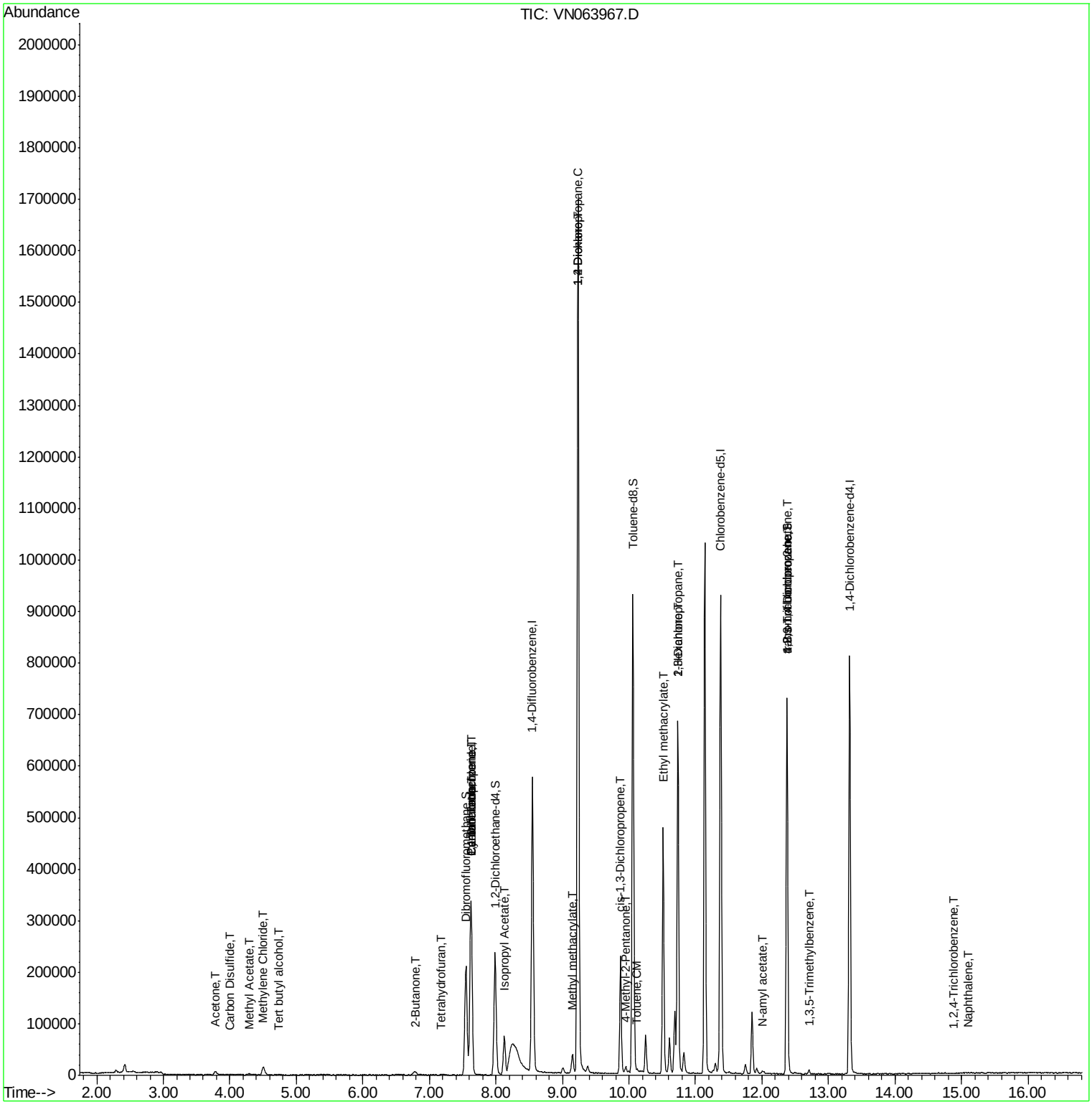
(#) = qualifier out of range (m) = manual integration (+) = signals summed

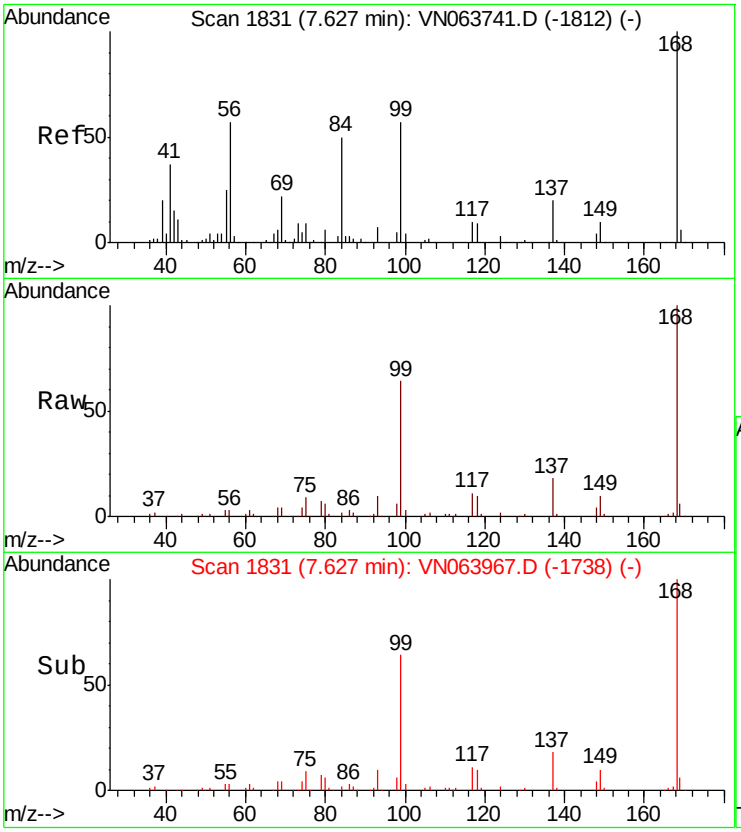
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063967.D
Acq On : 8 Oct 2020 2:29
Operator : JC/MD
Sample : PB132153ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Quant Time: Oct 08 05:10:28 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



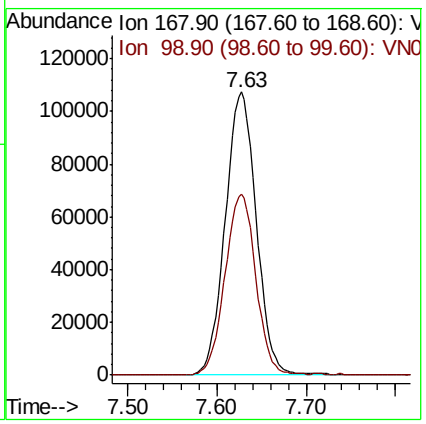


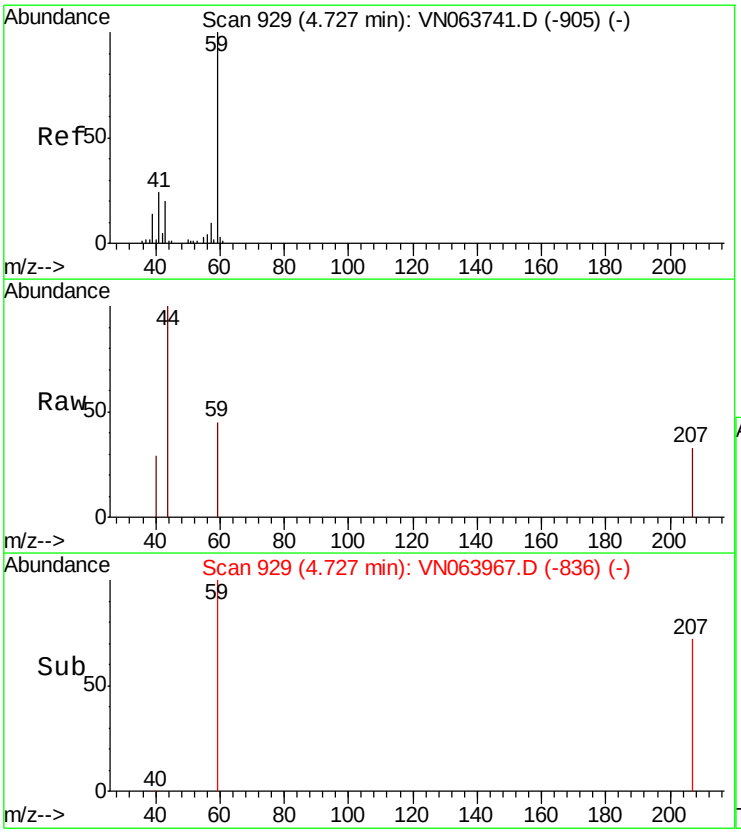
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion:168 Resp: 259259

Ion	Ratio	Lower	Upper
168	100		
99	63.9	51.8	77.6

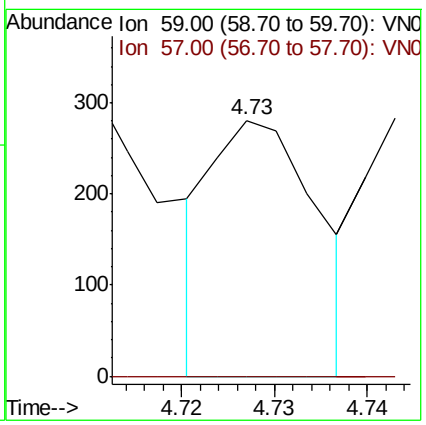


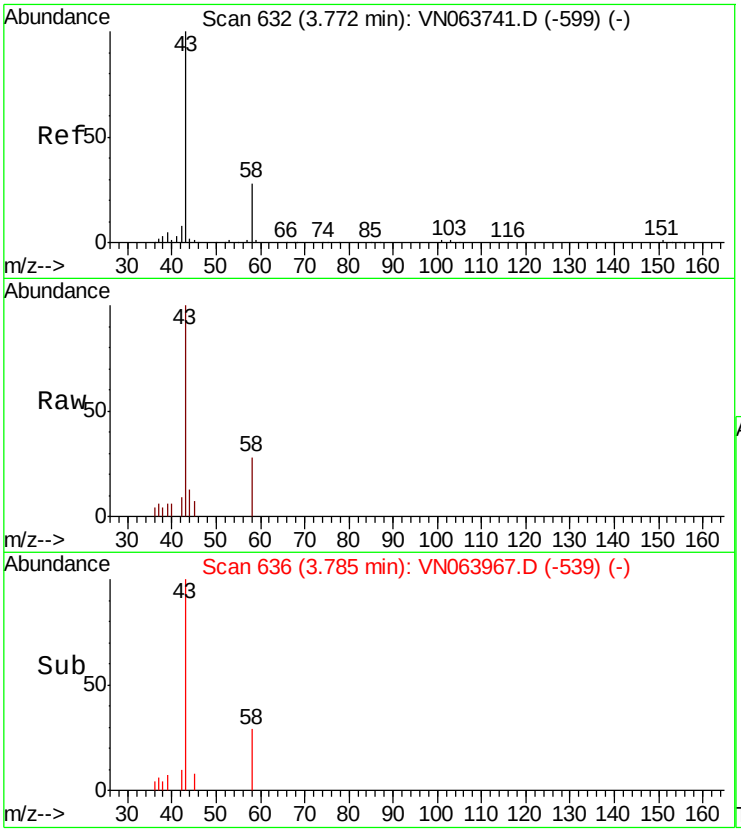


#11
Tert butyl alcohol
Concen: 0.467 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 59 Resp: 221

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



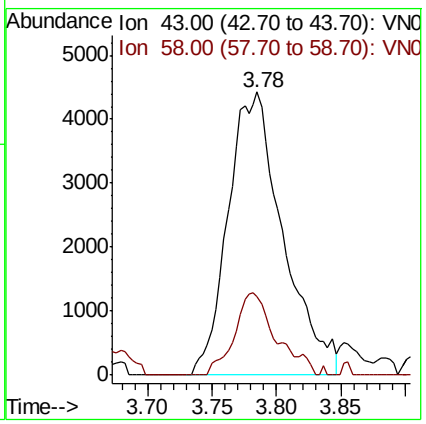


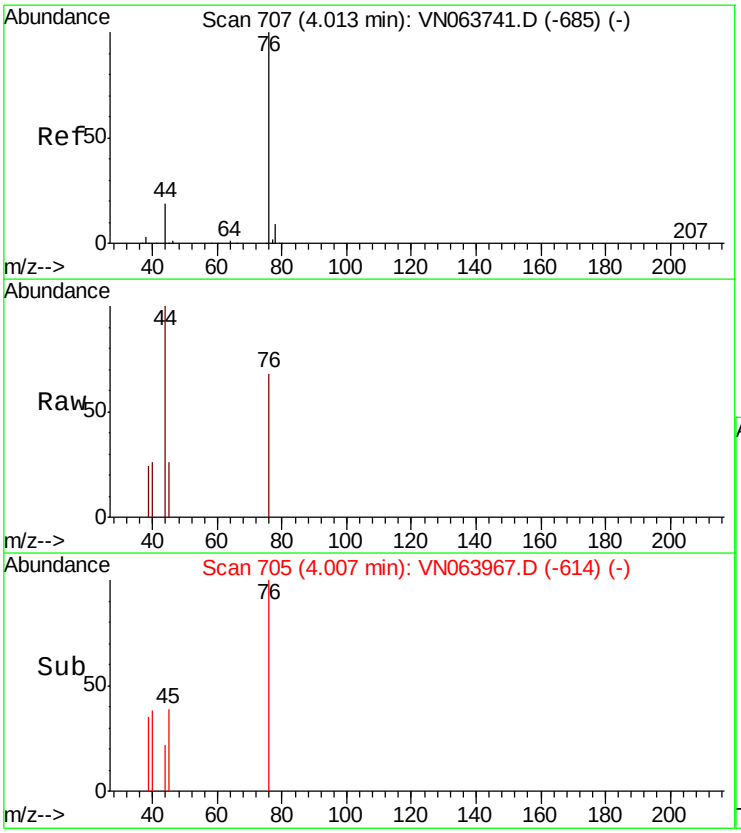
#16
Acetone
Concen: 9.905 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 43 Resp: 13060

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.3	33.5

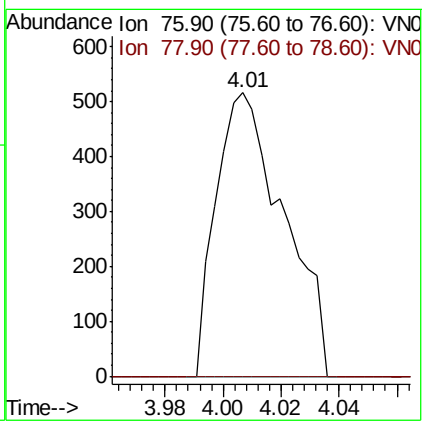


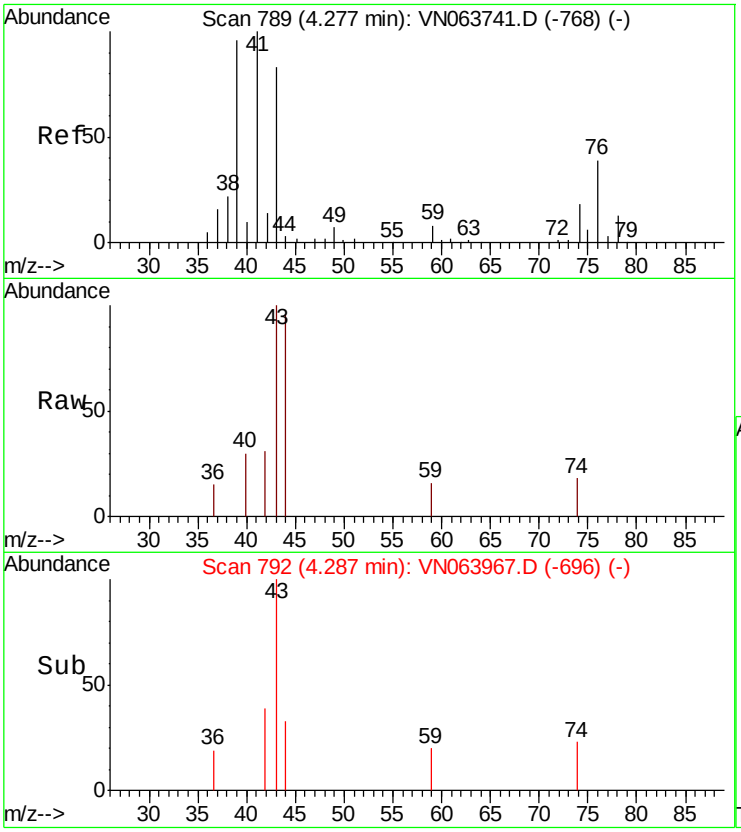


#17
Carbon Disulfide
Concen: 0.818 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 76 Resp: 838

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



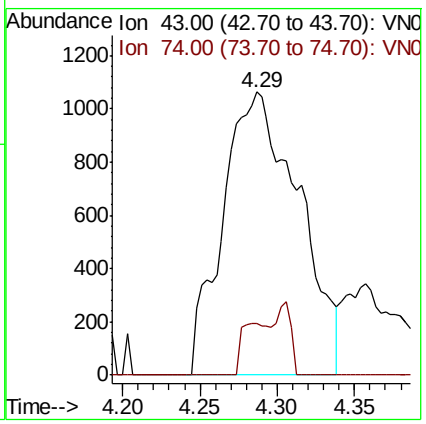


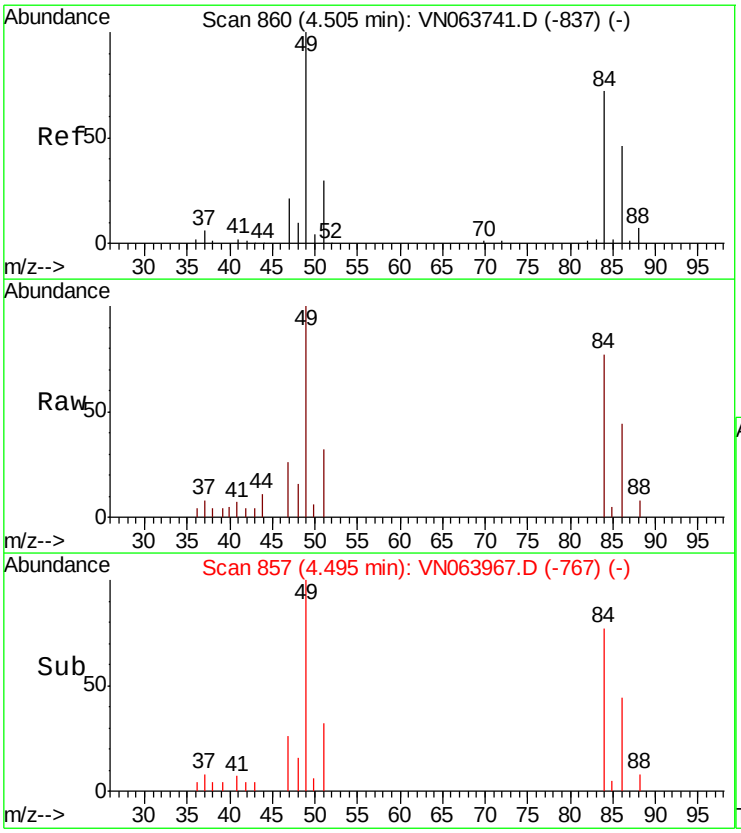
#18
Methyl Acetate
Concen: 1.059 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 43 Resp: 3624

Ion	Ratio	Lower	Upper
43	100		
74	6.9	17.4	26.2#

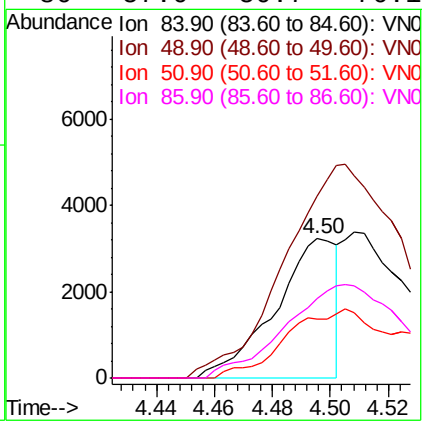


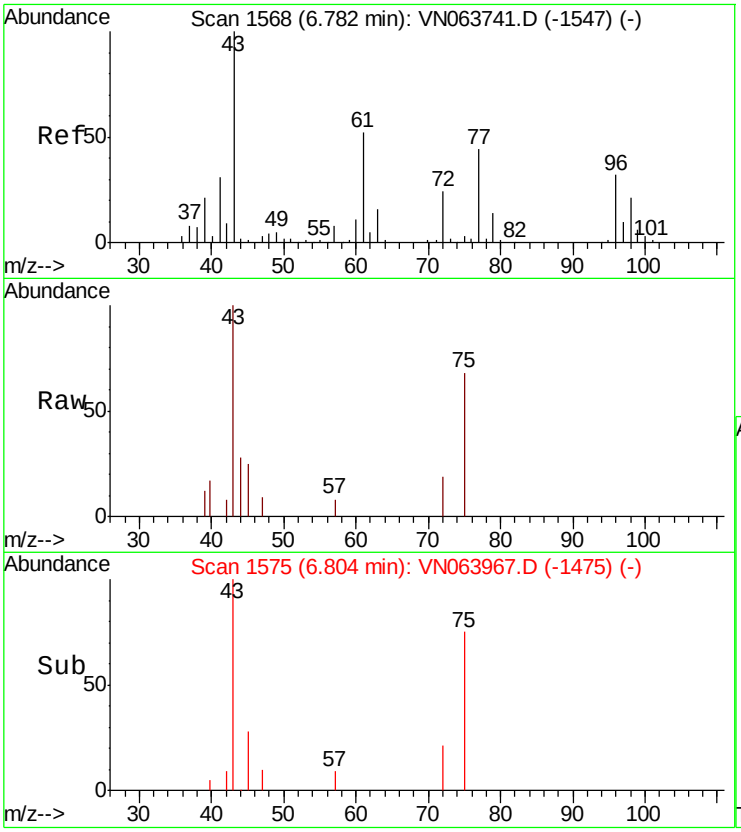


#20
Methylene Chloride
Concen: 1.670 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 84 Resp: 4756

Ion	Ratio	Lower	Upper
84	100		
49	130.2	110.4	165.6
51	42.1	33.3	49.9
86	57.0	50.7	76.1



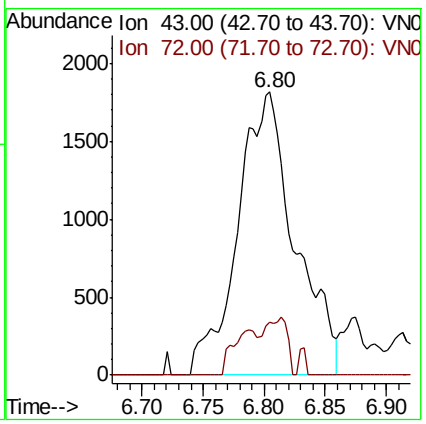


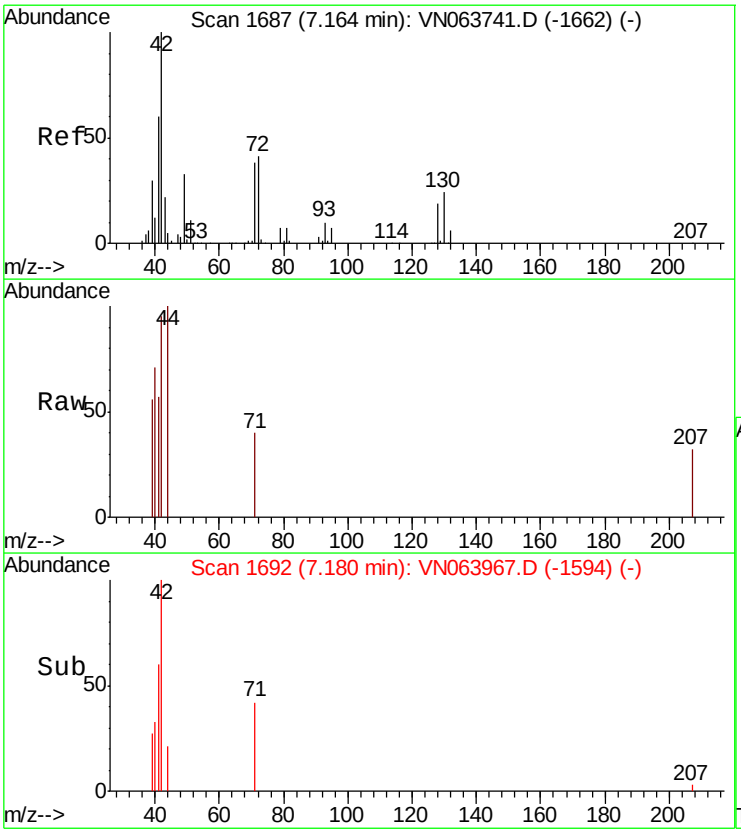
#25
2-Butanone
Concen: 3.163 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 43 Resp: 5913

Ion	Ratio	Lower	Upper
43	100		
72	18.8	19.3	28.9#

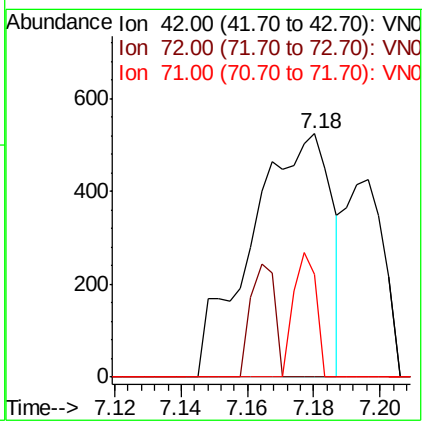


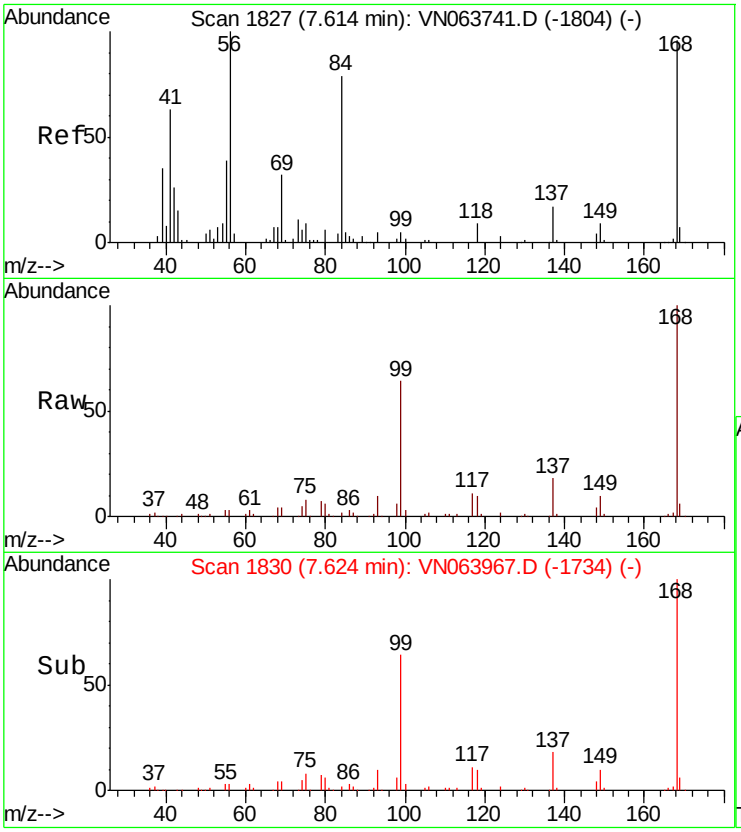


#29
Tetrahydrofuran
Concen: 0.703 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 42 Resp: 881

Ion	Ratio	Lower	Upper
42	100		
72	14.0	32.8	49.2#
71	14.8	30.6	45.8#



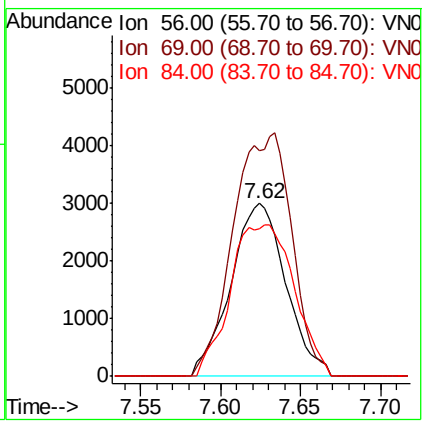


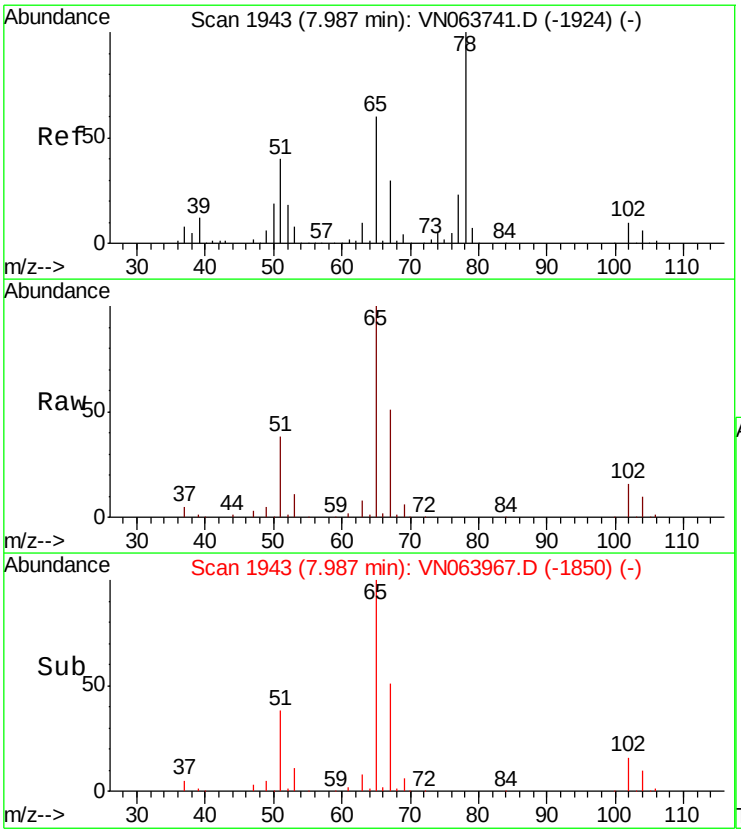
#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 56 Resp: 7074

Ion	Ratio	Lower	Upper
56	100		
69	130.5	25.4	38.2#
84	85.2	63.3	94.9

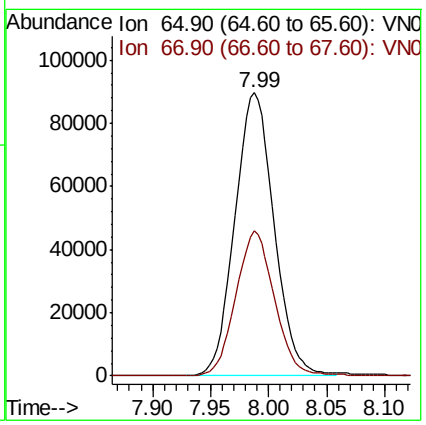


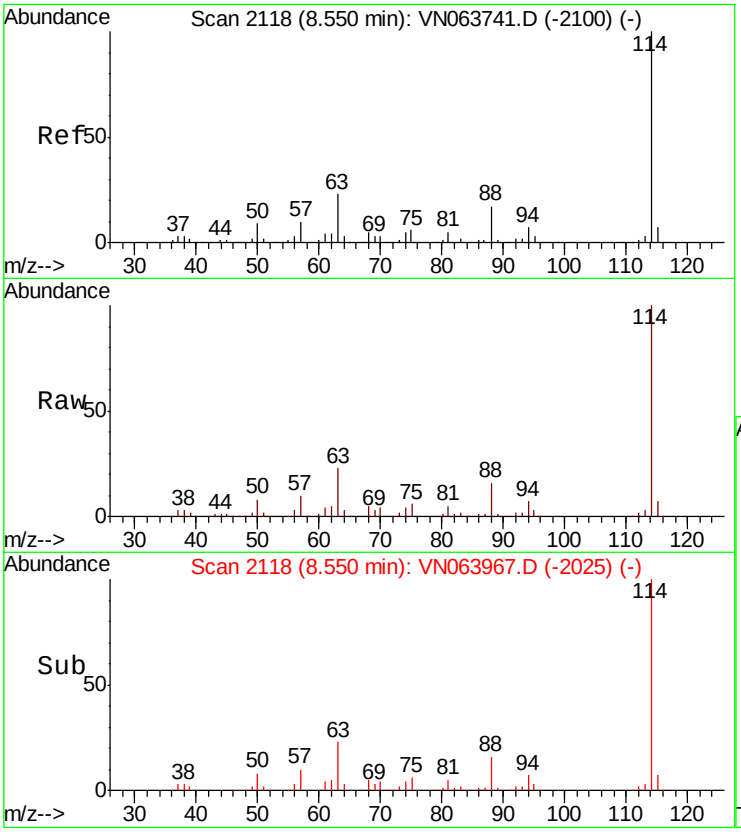


#33
1,2-Dichloroethane-d4
Concen: 49.322 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 65 Resp: 211252

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.6



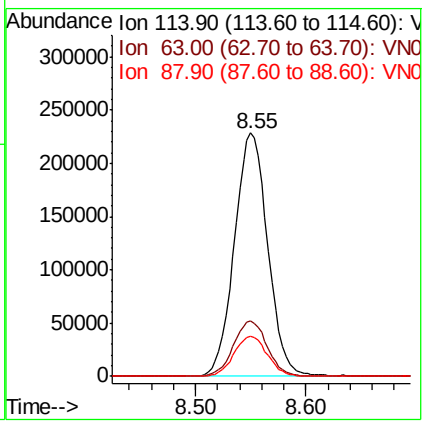


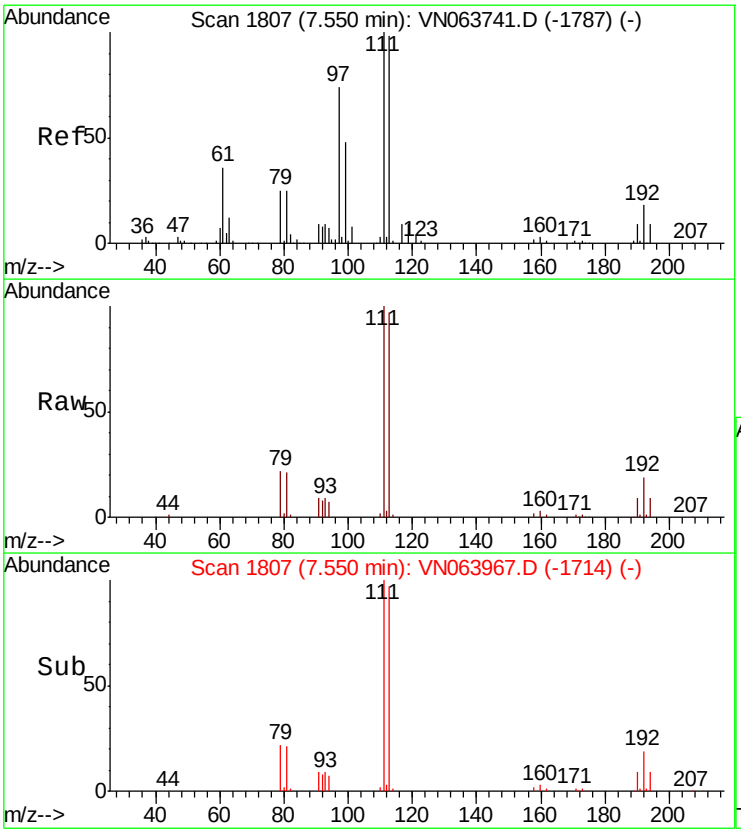
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion:114 Resp: 476969

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.0
88	16.3	0.0	34.0

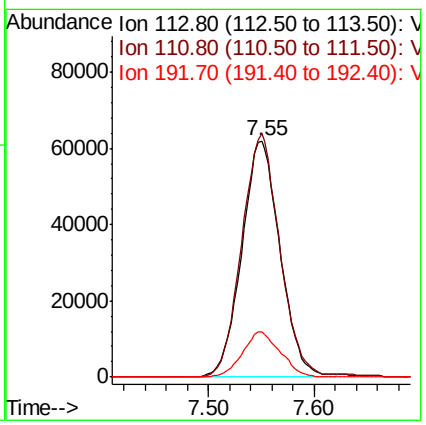


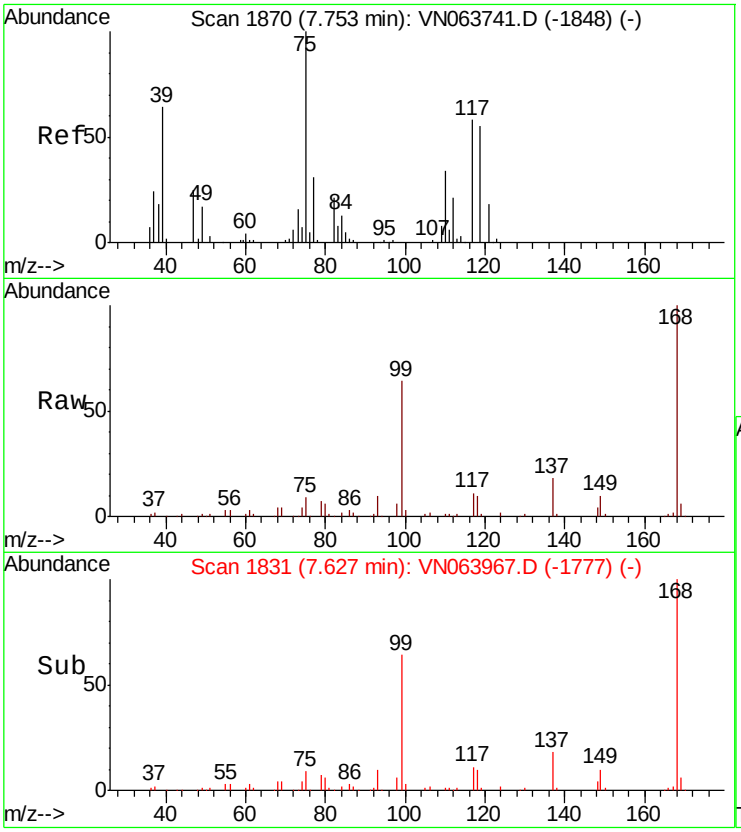


#35
Dibromofluoromethane
Concen: 47.287 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion:113 Resp: 156501

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	19.0	14.2	21.2



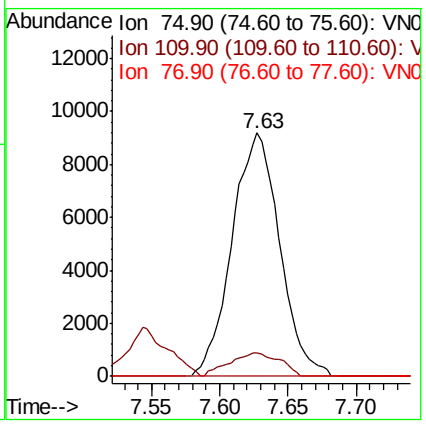


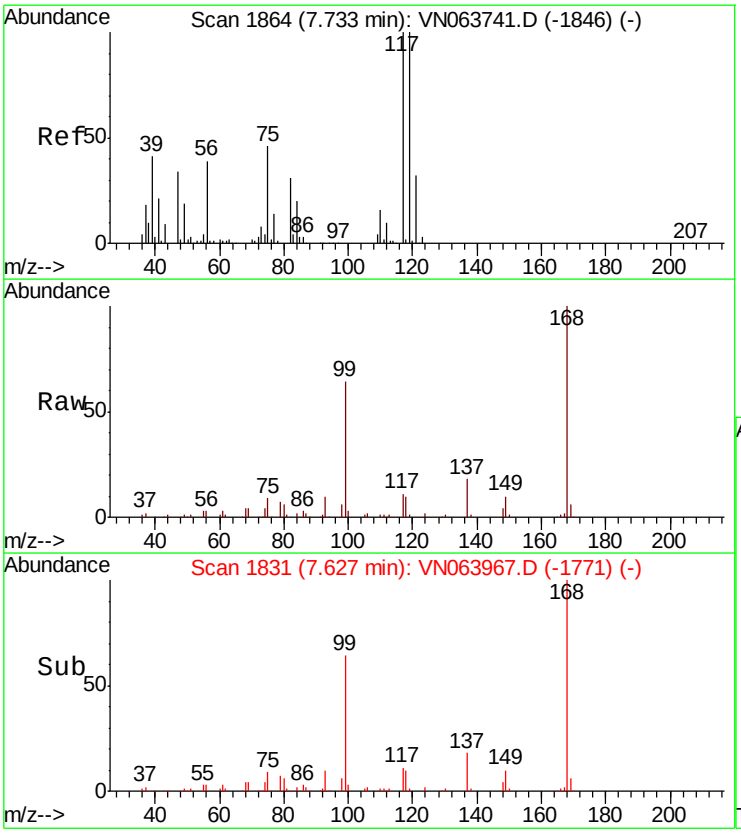
#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion: 75 Resp: 22284

Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.9	50.6#
77	0.0	24.5	36.7#

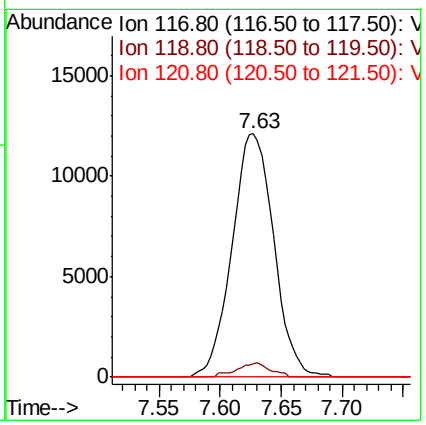


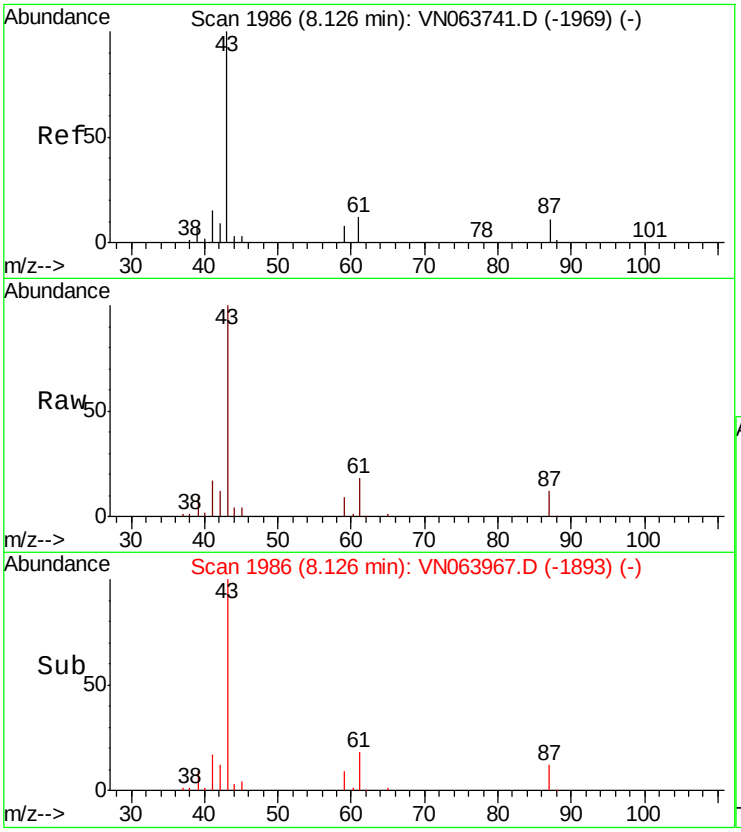


#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion:117 Resp: 28719

Ion	Ratio	Lower	Upper
117	100		
119	5.3	80.1	120.1#
121	0.0	25.7	38.5#



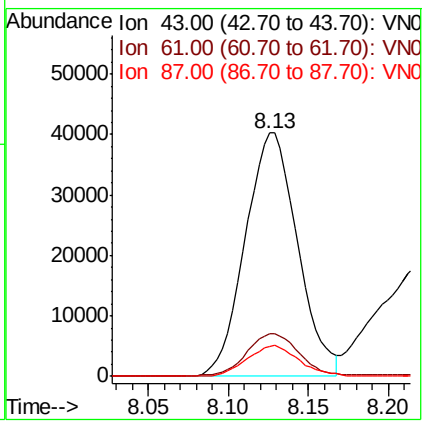


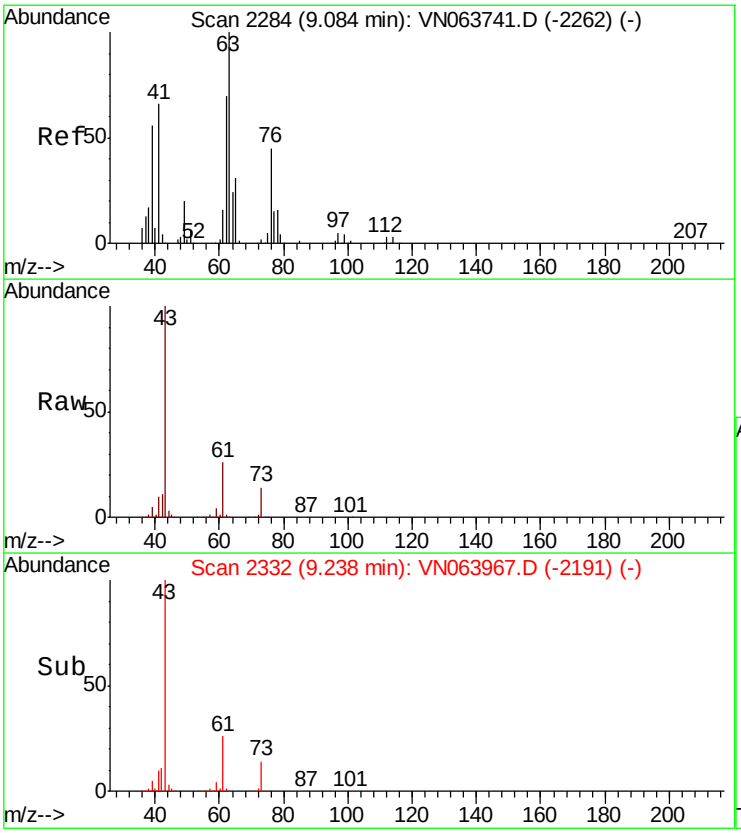
#43
Isopropyl Acetate
Concen: 11.455 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 43 Resp: 90707

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.2	21.4
87	12.6	9.0	13.6

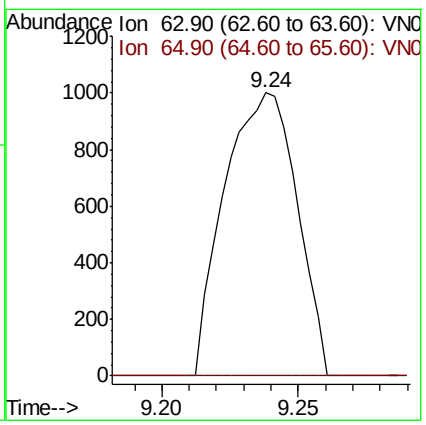


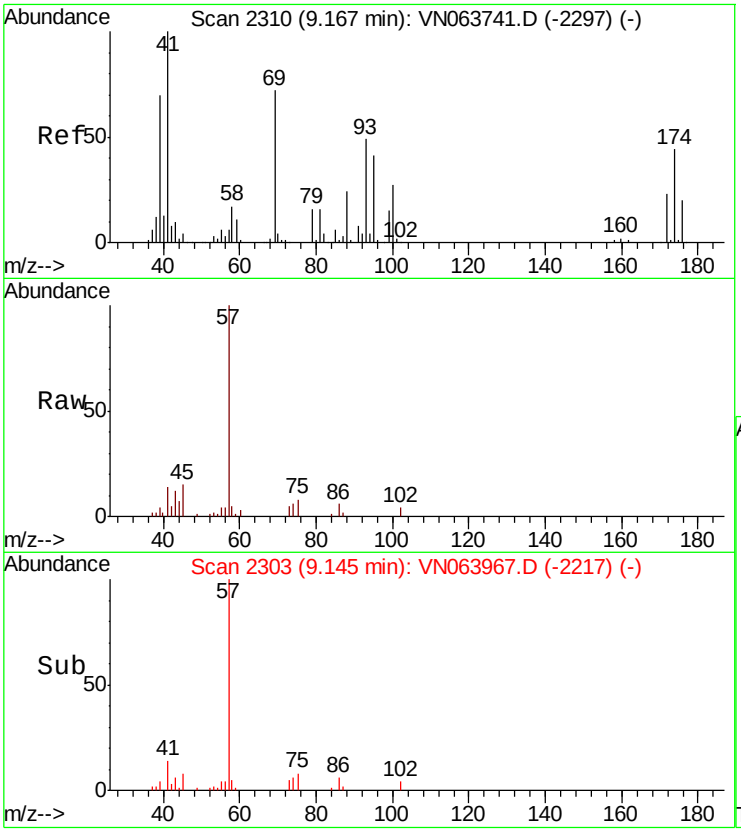


#45
1,2-Dichloropropane
Concen: 0.496 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 63 Resp: 1847

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



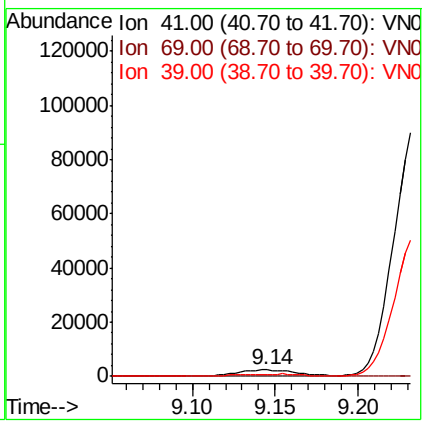


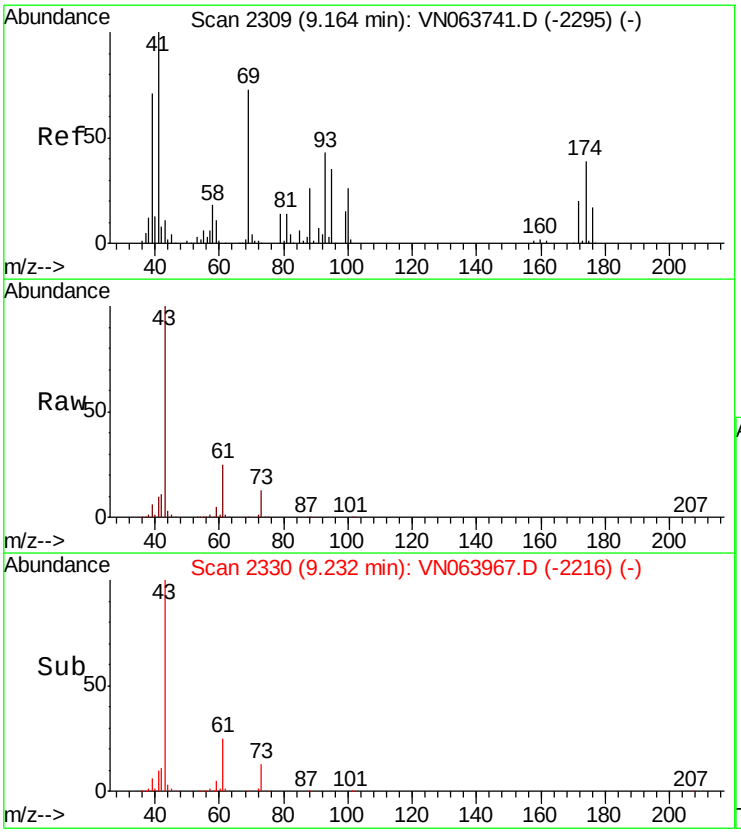
#48
Methyl methacrylate
Concen: 1.602 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 41 Resp: 6266

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

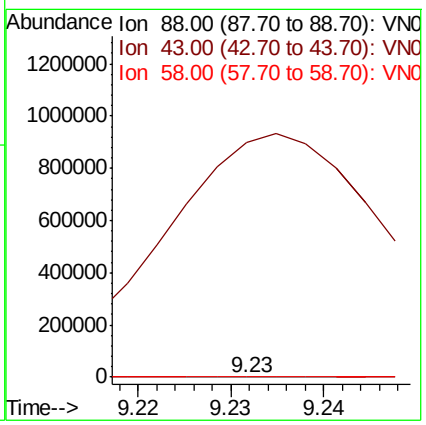


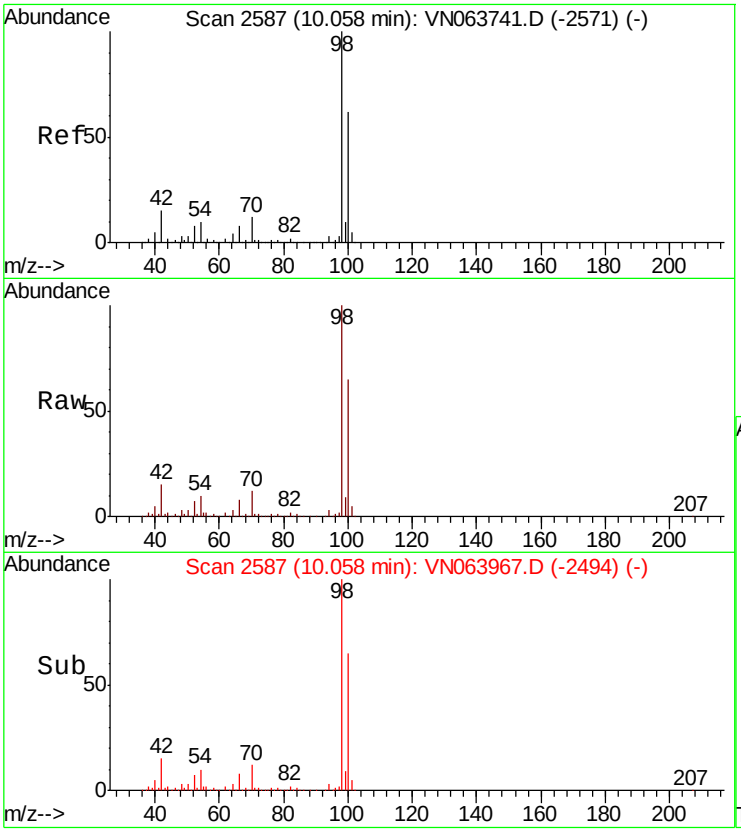


#49
1,4-Dioxane
Concen: 1.133 ug/l
RT: 9.23 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	2694836.5	33.1	49.7#
58	12160.3	58.9	88.3#



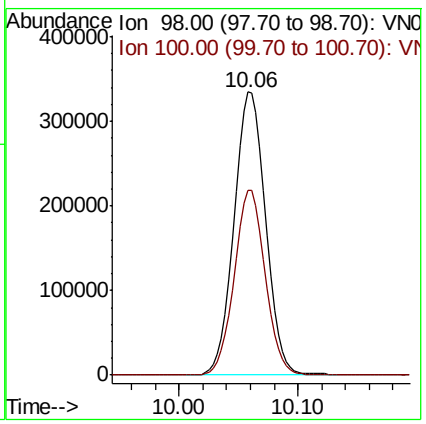


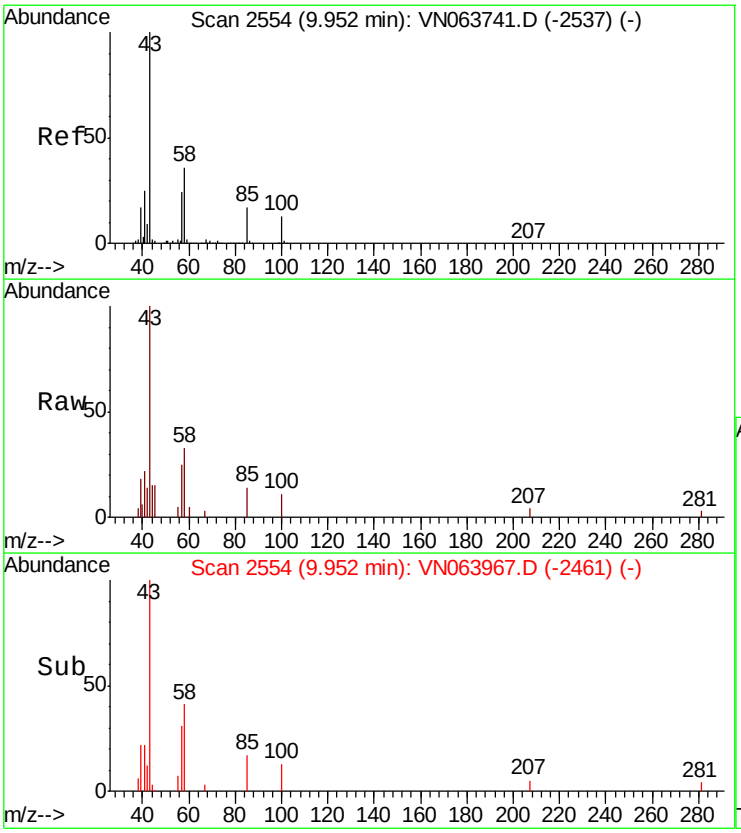
#50
Toluene-d8
Concen: 49.033 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion: 98 Resp: 615181

Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.8	74.6

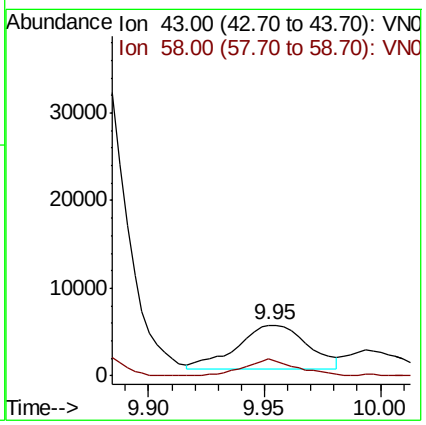


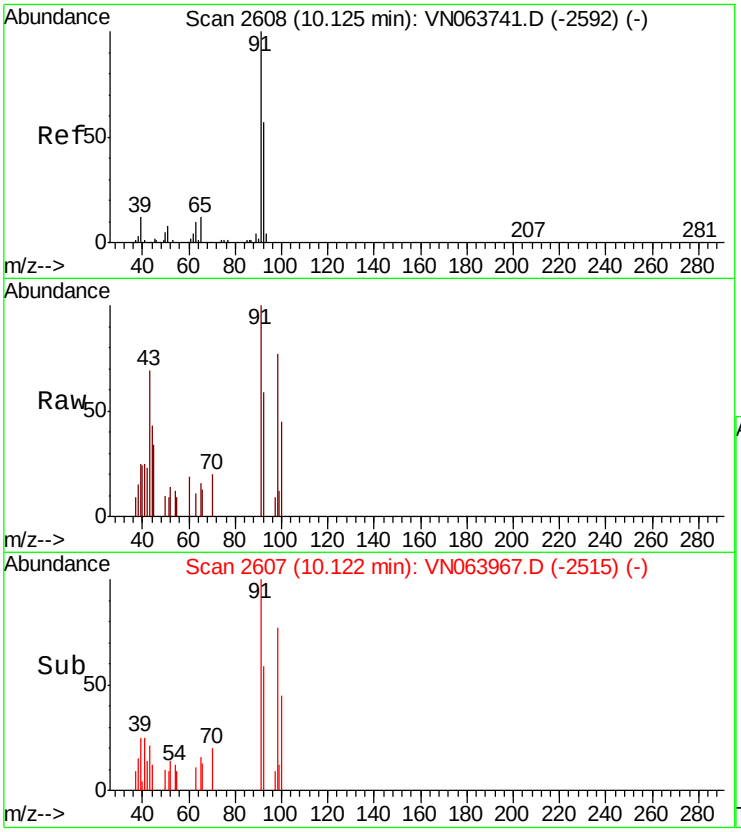


#51
4-Methyl-2-Pentanone
Concen: 2.310 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 43 Resp: 10734

Ion	Ratio	Lower	Upper
43	100		
58	28.2	28.4	42.6#



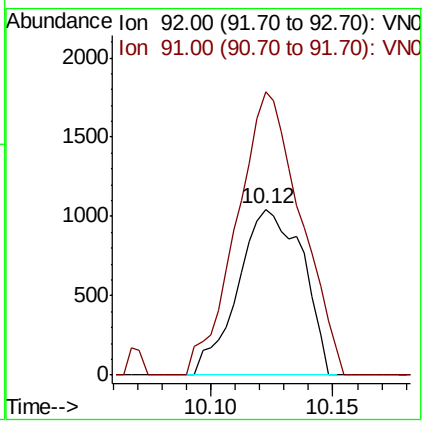


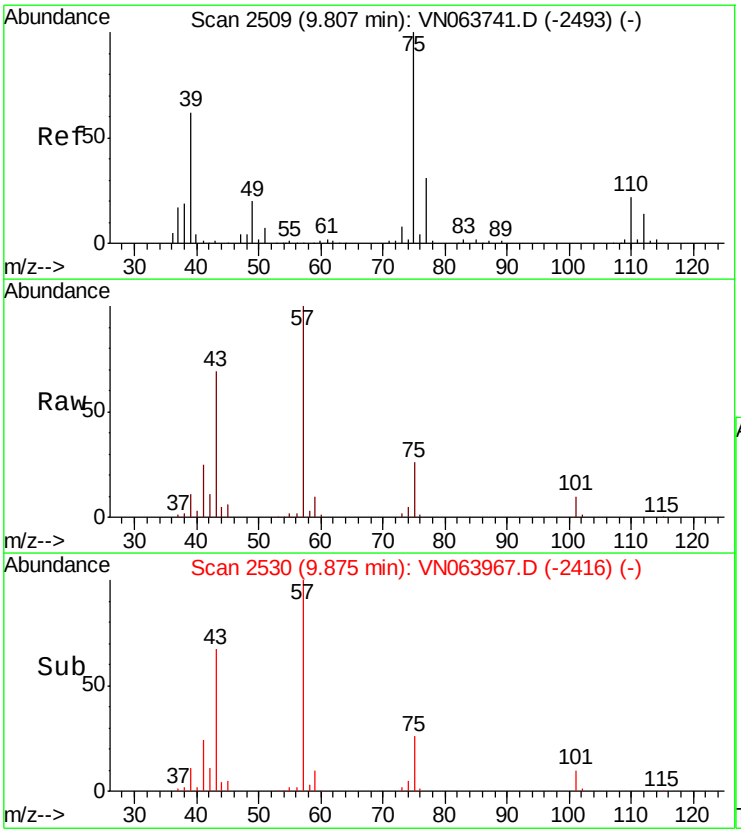
#52
Toluene
Concen: 0.225 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 92 Resp: 1925

Ion	Ratio	Lower	Upper
92	100		
91	169.1	140.6	210.8

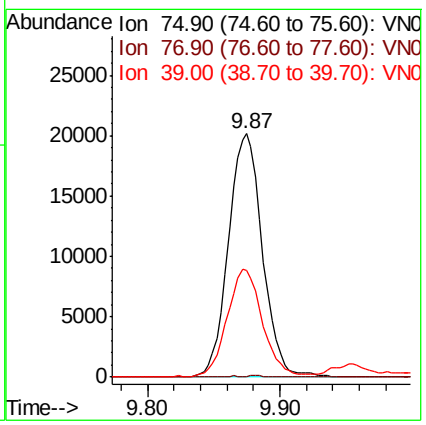


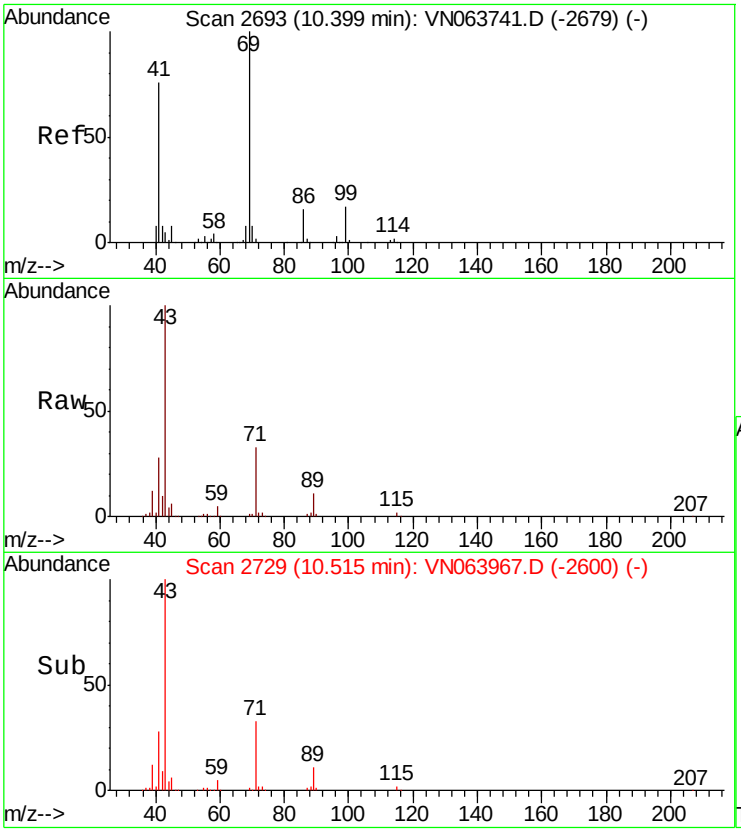


#54
cis-1,3-Dichloropropene
Concen: 6.039 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 75 Resp: 35878

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	44.0	49.7	74.5#



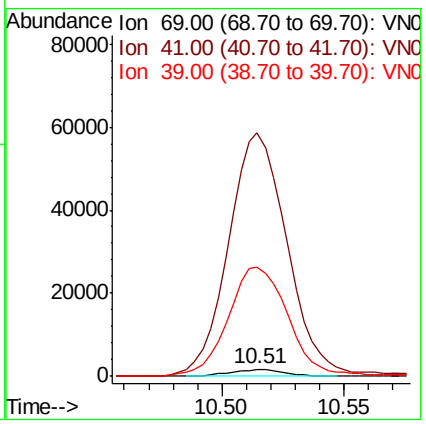


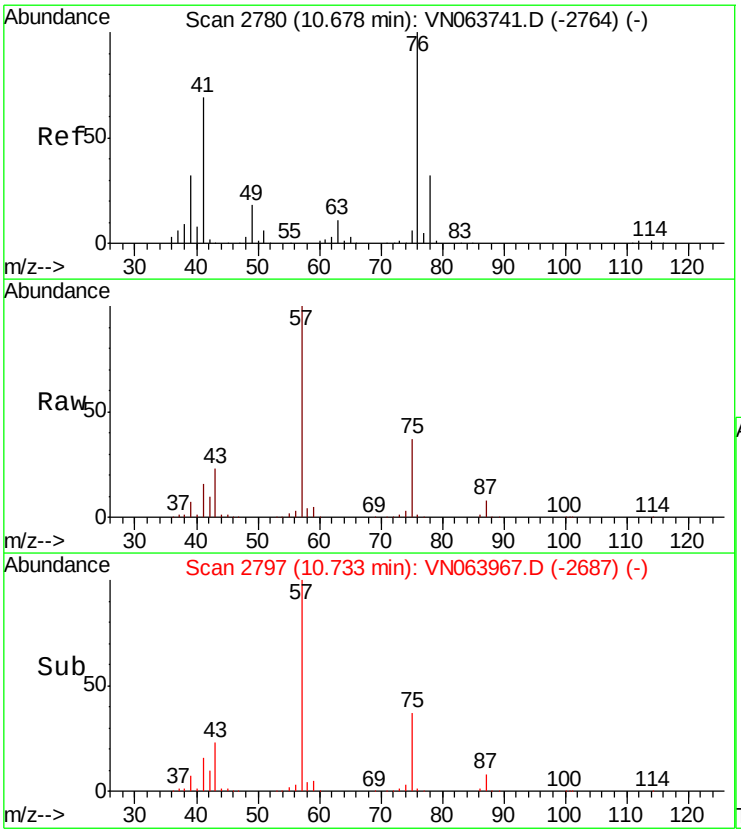
#56
Ethyl methacrylate
Concen: 0.537 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 69 Resp: 2608

Ion	Ratio	Lower	Upper
69	100		
41	3786.9	61.1	91.7#
39	1726.5	42.2	63.4#

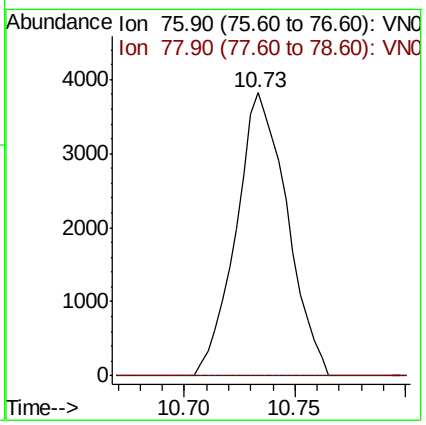


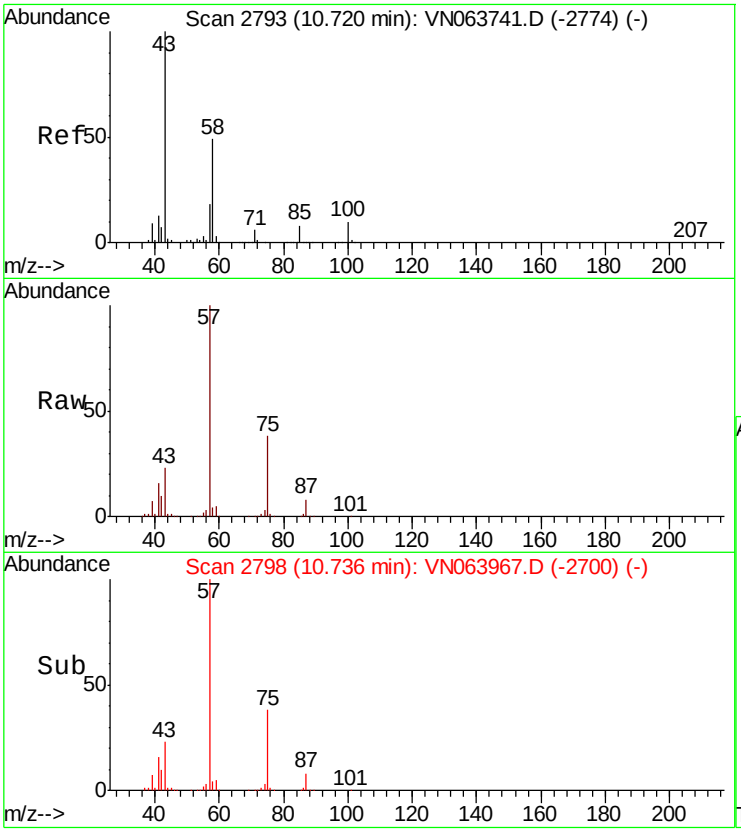


#57
1,3-Dichloropropane
Concen: 1.063 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 76 Resp: 6157

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



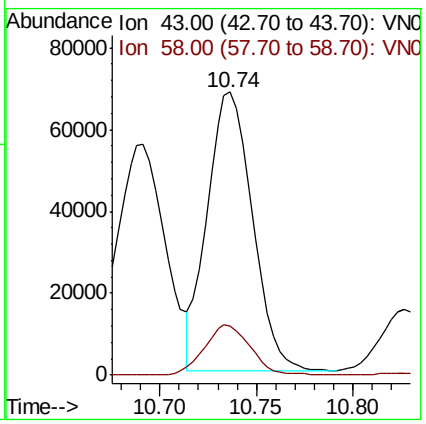


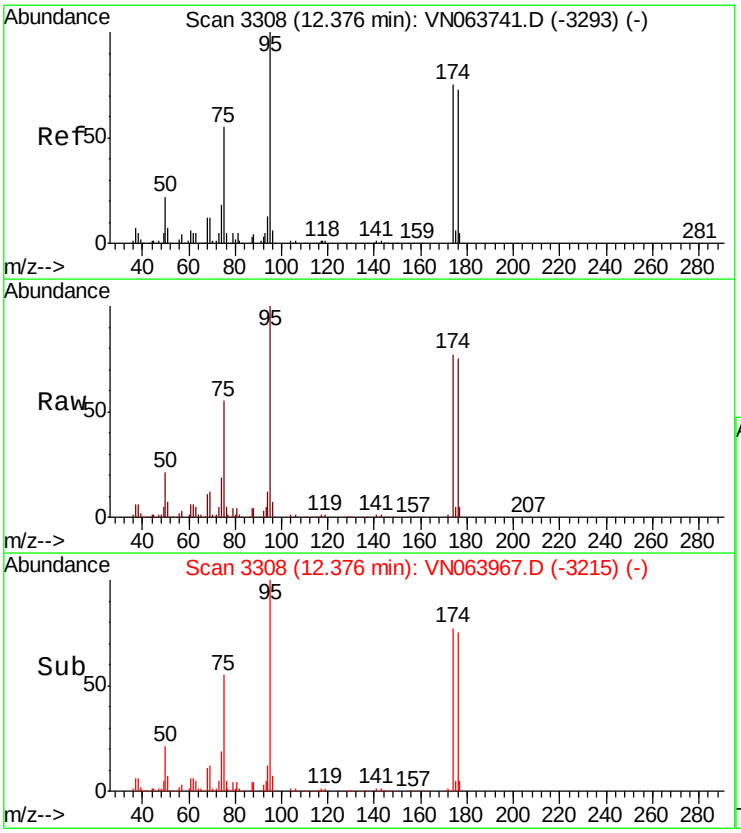
#59
2-Hexanone
Concen: 32.161 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion: 43 Resp: 111024

Ion	Ratio	Lower	Upper
43	100		
58	18.3	24.6	73.8#

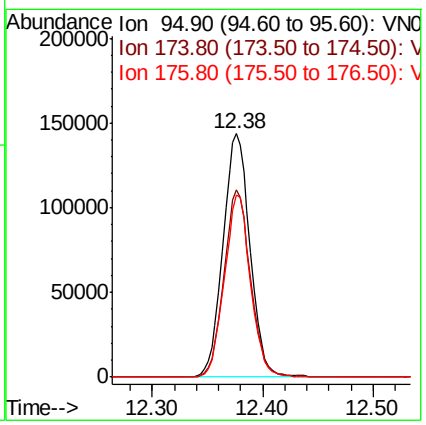


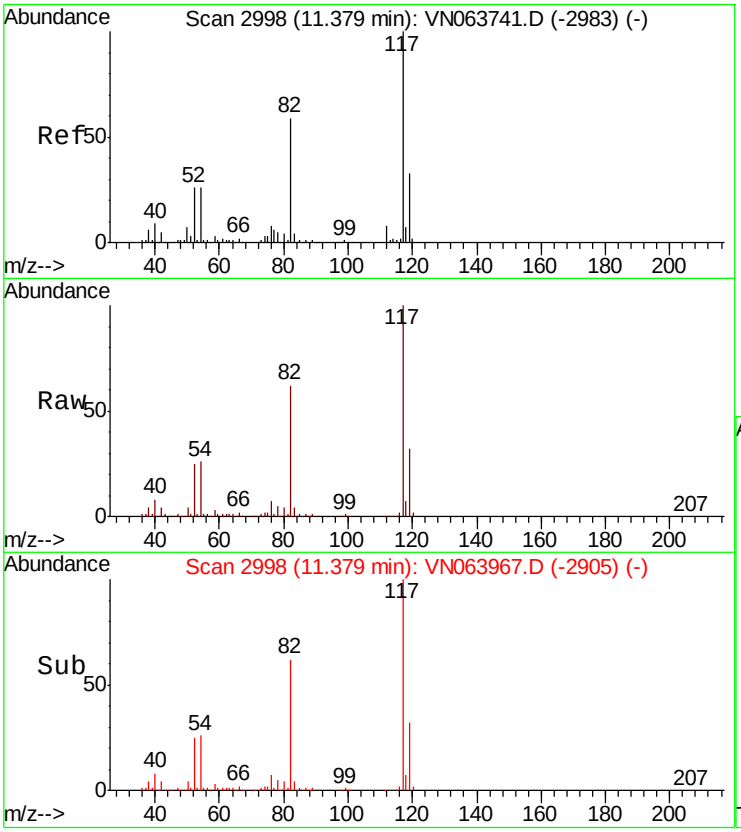


#62
4-Bromofluorobenzene
Concen: 51.586 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 95 Resp: 243291

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	72.3	0.0	145.4



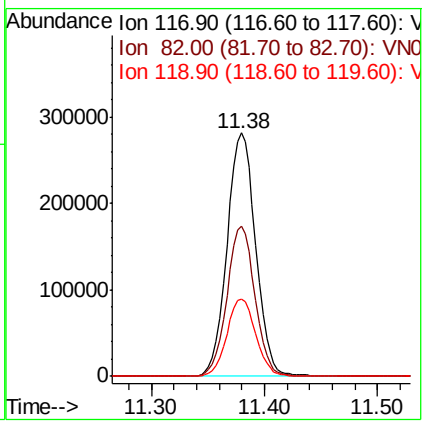


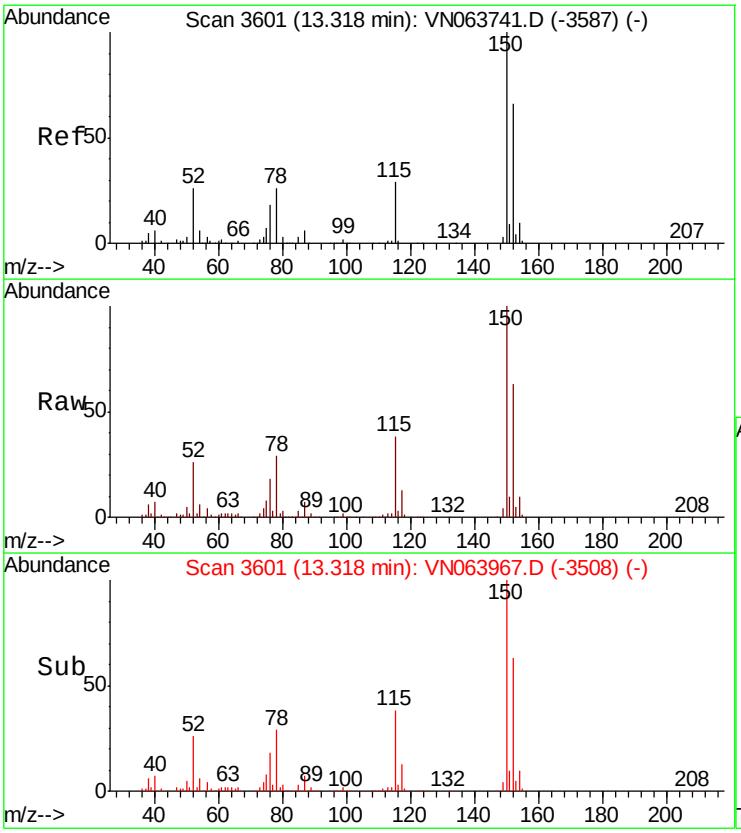
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion:117 Resp: 496038

Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.4	71.2
119	31.9	26.4	39.6

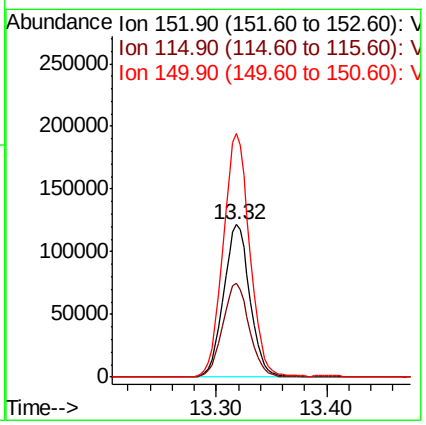


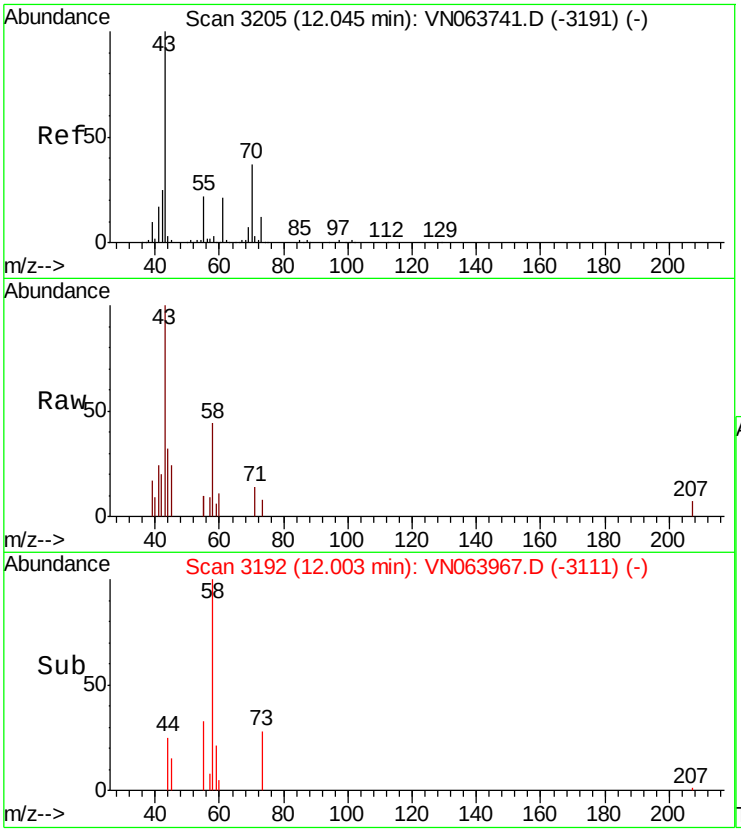


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion:152 Resp: 201964

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	159.9	0.0	341.8



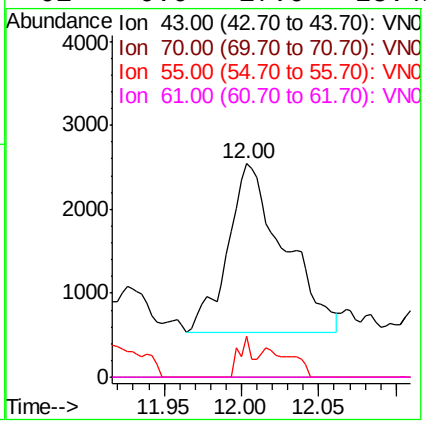


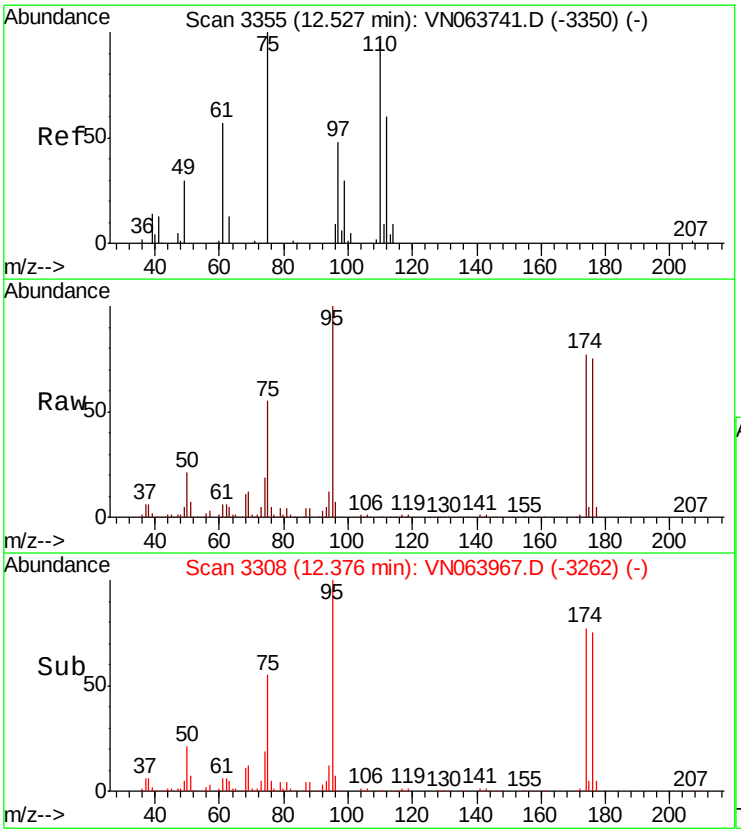
#74
N-amyl acetate
Concen: 2.921 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132153ZHE#03

Tgt Ion: 43 Resp: 5051

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	5.7	17.9	26.9#
61	0.0	17.0	25.4#

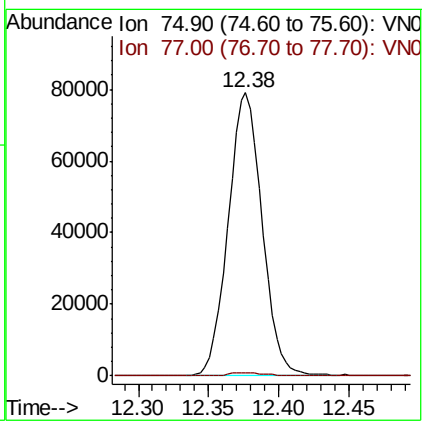


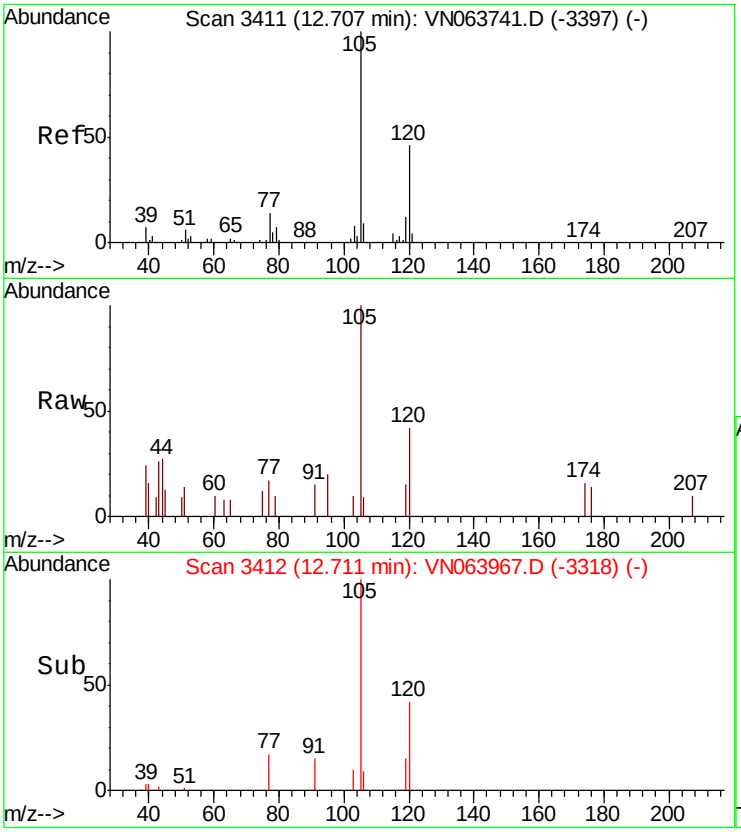


#76
1,2,3-Trichloropropane
Concen: 29.933 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 75 Resp: 133264

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



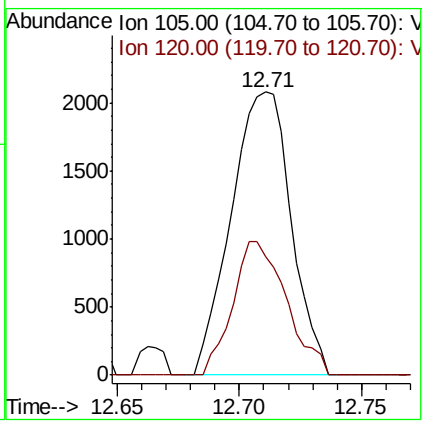


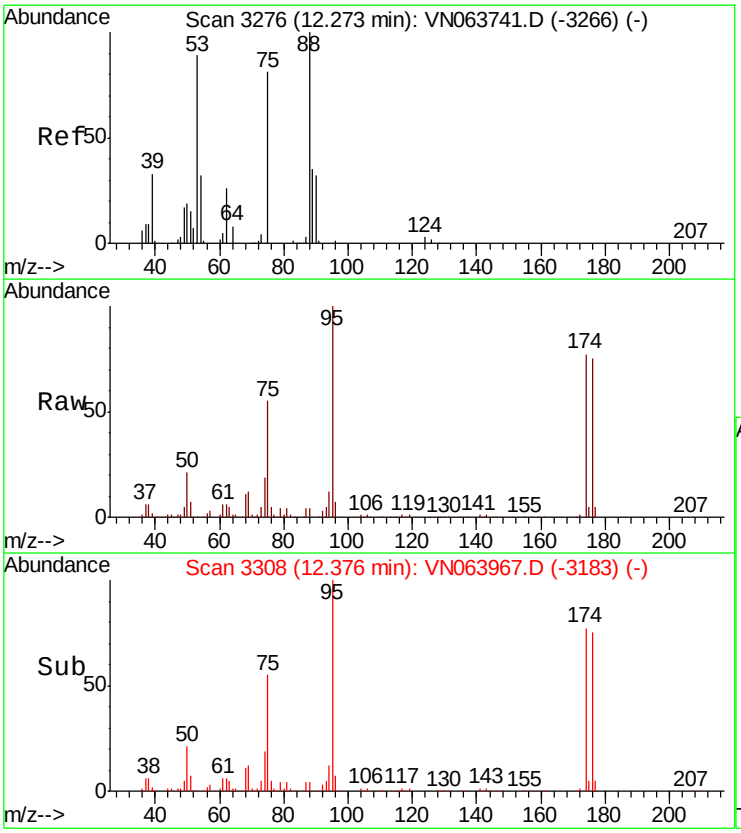
#80
1,3,5-Trimethylbenzene
Concen: 0.287 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion:105 Resp: 3548

Ion	Ratio	Lower	Upper
105	100		
120	42.2	23.3	69.9

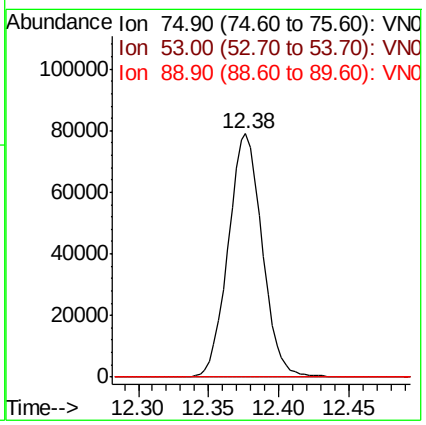


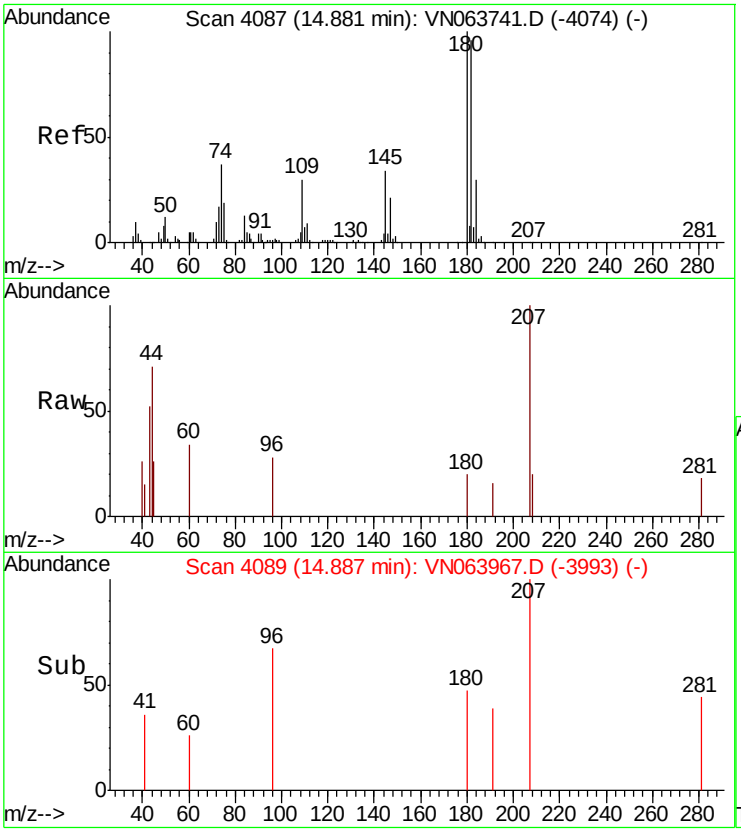


#81
trans-1,4-Dichloro-2-butene
Concen: 86.212 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion: 75 Resp: 133264

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.2	132.2#
89	0.0	36.0	54.0#



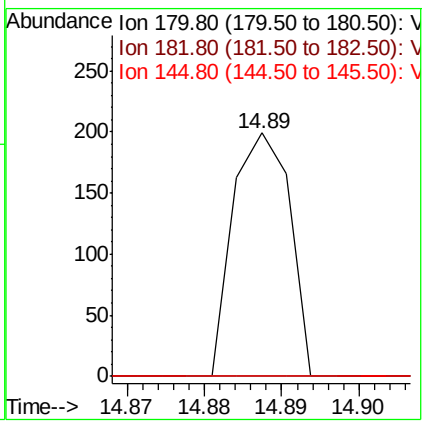


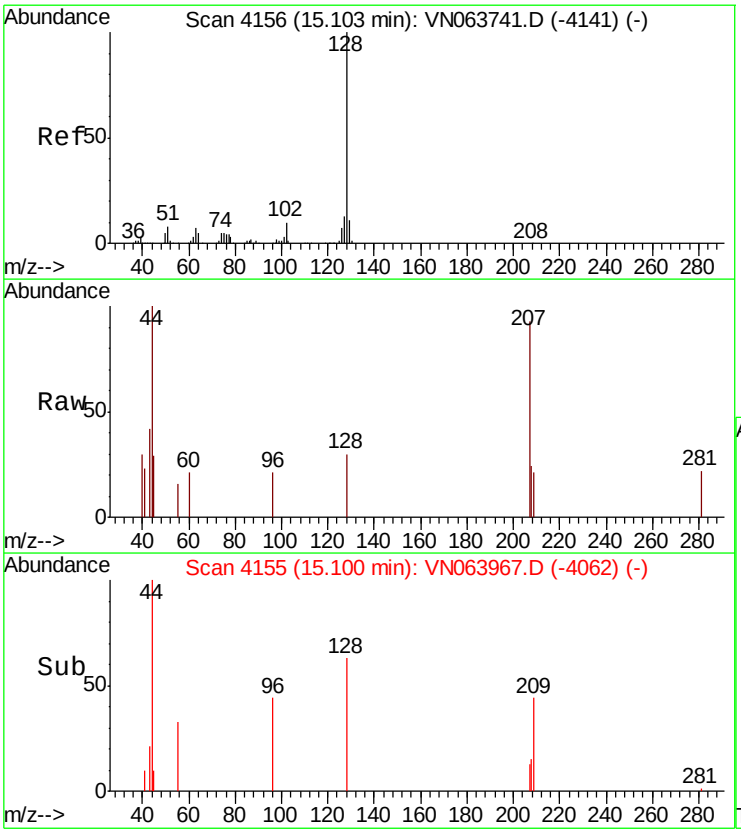
#93
1,2,4-Trichlorobenzene
Concen: 1.764 ug/l
RT: 14.89 min Scan# 4089
Delta R.T. 0.01 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132153ZHE#03

Tgt Ion:180 Resp: 102

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.2	144.6#
145	0.0	17.1	51.2#





#95
Naphthalene
Concen: 1.952 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN063967.D
Acq: 8 Oct 2020 2:29

Tgt Ion:128 Resp: 309

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	23.0	8.7	13.1#