Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063780.D
Acq On : 1 Oct 2020 18:33
Operator : JC/MD
Sample : PB132009ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Quant Time: Oct 02 02:16:22 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	216257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184020	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
35) Dibromofluoromethane	7.55	113	131945	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.94%			
50) Toluene-d8	10.06	98	523978	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.40%			
62) 4-Bromofluorobenzene	12.38	95	205295	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	190	0.482	ug/l #	71
16) Acetone	3.79	43	22262	20.242	ug/l	91
17) Carbon Disulfide	4.02	76	32	0.706	ug/l #	76
18) Methyl Acetate	4.30	43	4185	1.466	ug/l #	74
20) Methylene Chloride	4.50	84	6964	2.857	ug/l	88
25) 2-Butanone	6.78	43	1031	0.661	ug/l	93
29) Tetrahydrofuran	7.16	42	296	0.283	ug/l #	78
31) Cyclohexane	7.63	56	6625	1.597	ug/l #	26
36) 1,1-Dichloropropene	7.62	75	11097	2.706	ug/l #	54
38) Carbon Tetrachloride	7.63	117	24797	5.392	ug/l #	16
43) Isopropyl Acetate	8.13	43	78168	11.630	ug/l	98
45) 1,2-Dichloropropane	9.24	63	1738	0.549	ug/l #	44
48) Methyl methacrylate	9.15	41	4920	1.482	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	9452	2.396	ug/l	99
54) cis-1,3-Dichloropropene	9.87	75	30876	6.123	ug/l #	73
56) Ethyl methacrylate	10.51	69	2062	0.501	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	5398	1.098	ug/l #	43
59) 2-Hexanone	10.74	43	93997	32.079	ug/l #	52
71) Bromoform	12.37	173	592	0.237	ug/l #	1
74) N-amyl acetate	12.01	43	3066	2.728	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	117366	31.544	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	6637	0.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	117366	90.851	ug/l #	6
95) Naphthalene	15.12	128	296	1.956	ug/l #	69

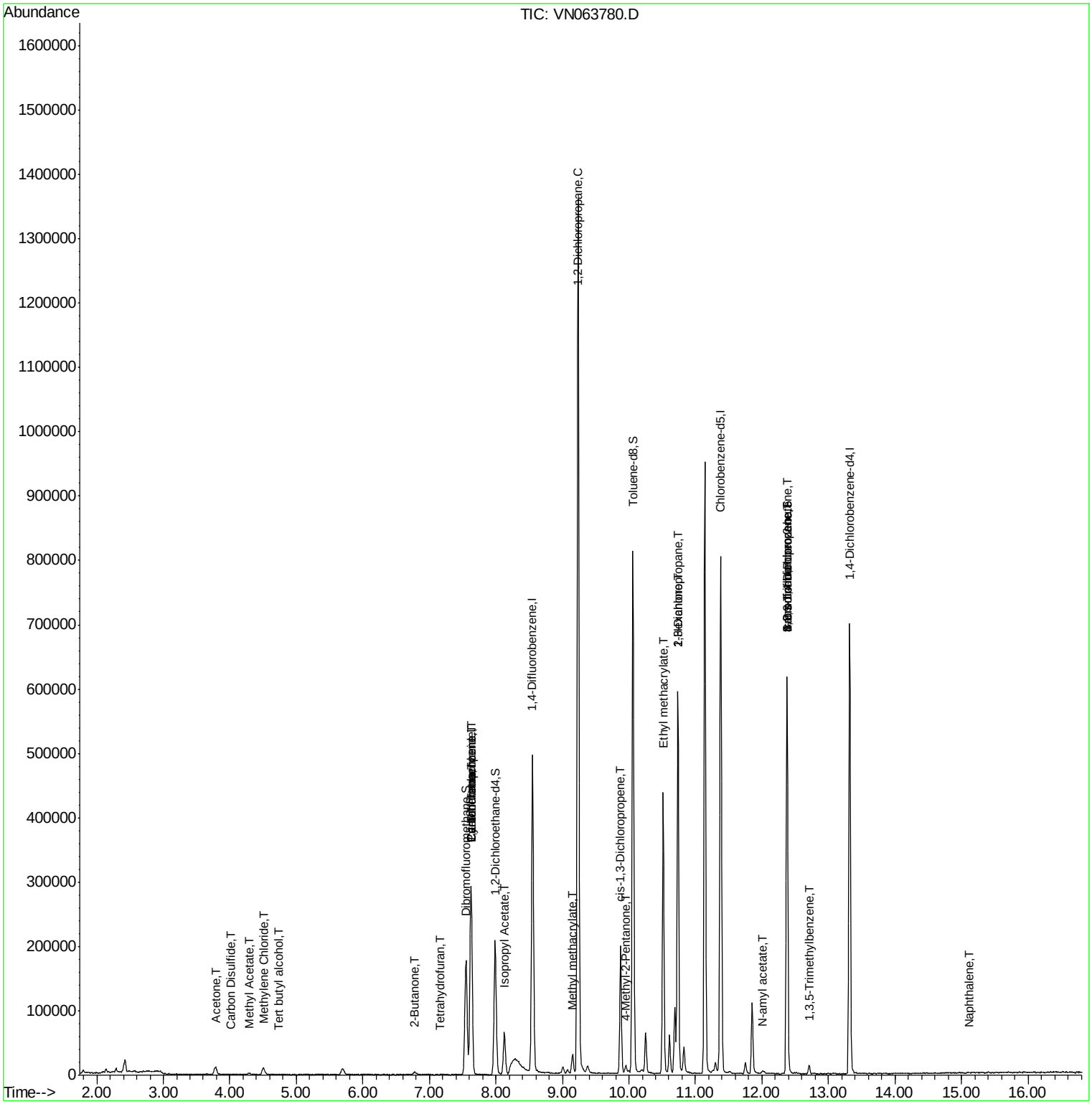
(#) = qualifier out of range (m) = manual integration (+) = signals summed

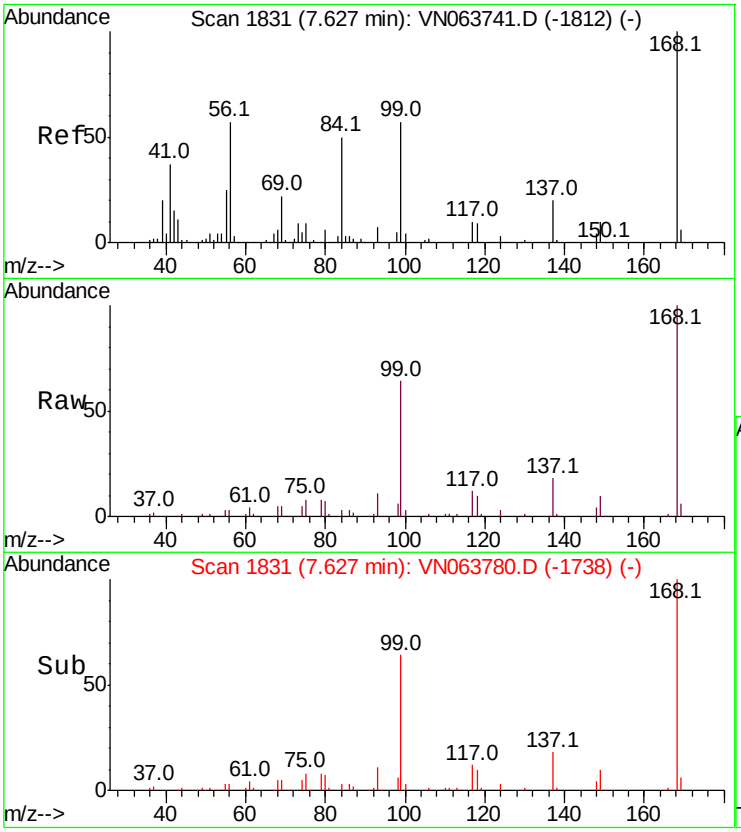
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063780.D
Acq On : 1 Oct 2020 18:33
Operator : JC/MD
Sample : PB132009ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Quant Time: Oct 02 02:16:22 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



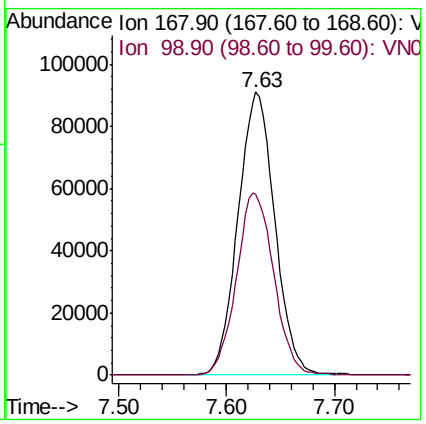


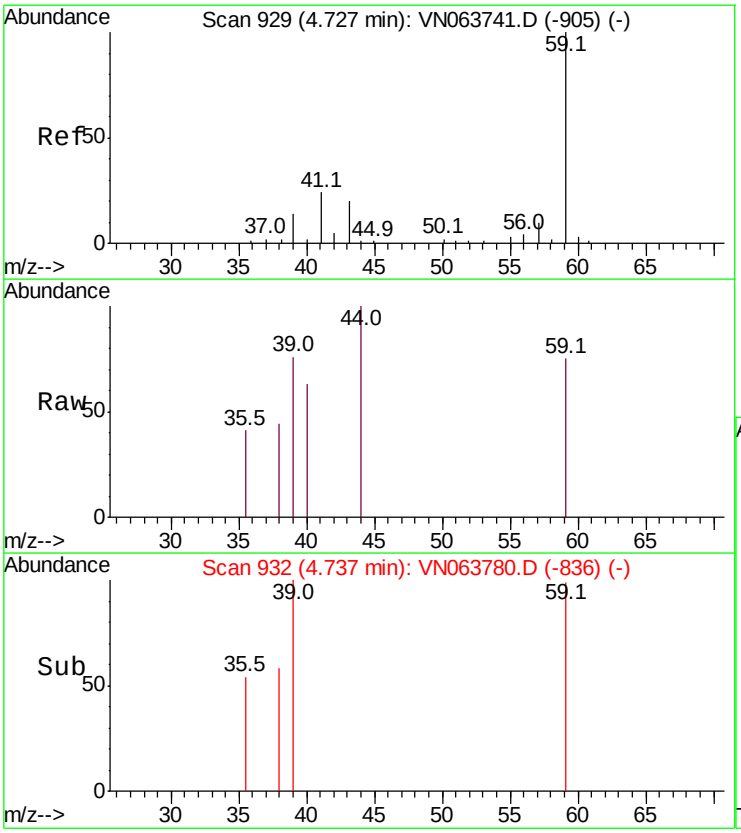
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion:168 Resp: 216257

Ion	Ratio	Lower	Upper
168	100		
99	63.8	51.8	77.6

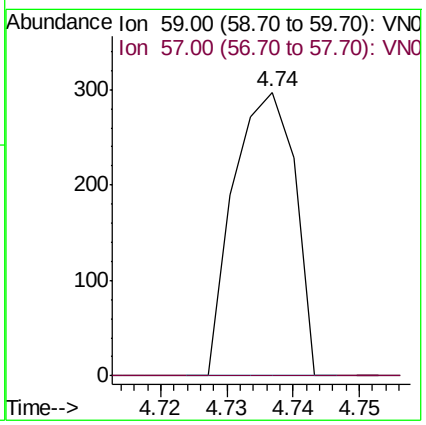


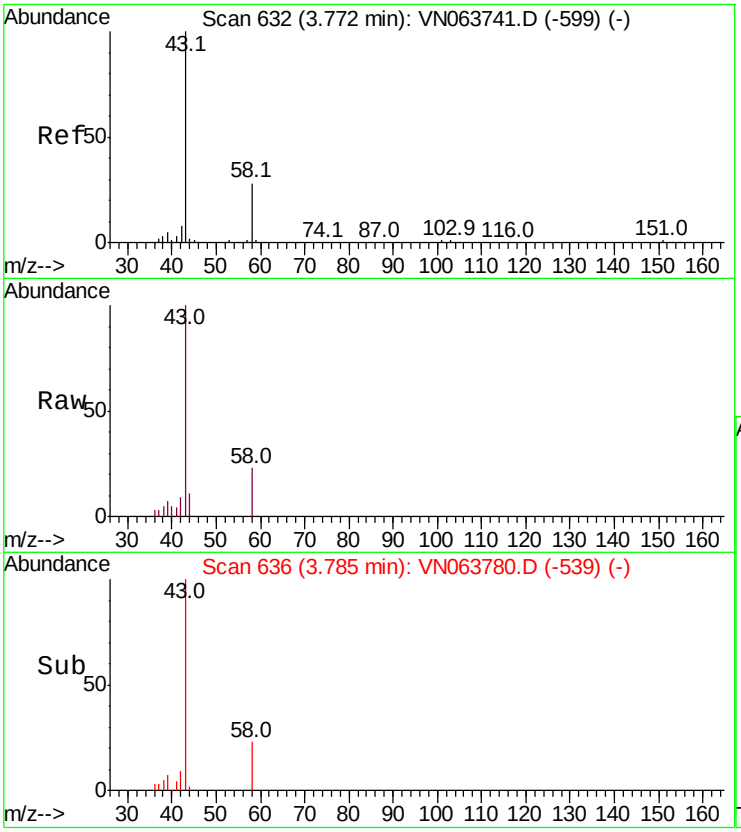


#11
Tert butyl alcohol
Concen: 0.482 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 59 Resp: 190

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



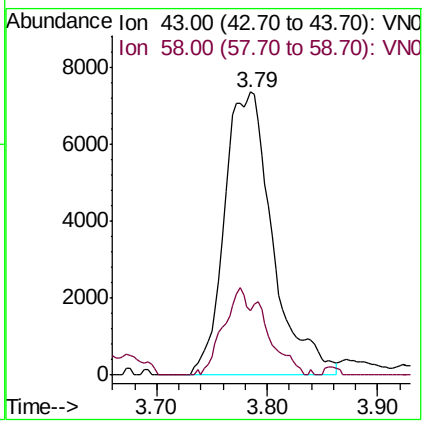


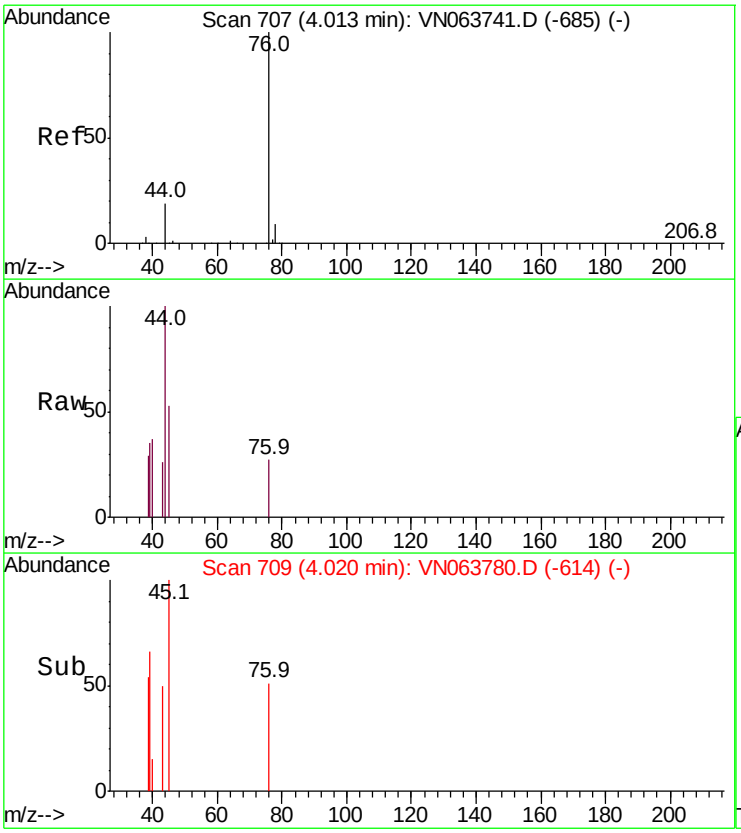
#16
Acetone
Concen: 20.242 ug/l
RT: 3.79 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 43 Resp: 22262

Ion	Ratio	Lower	Upper
43	100		
58	23.0	22.3	33.5

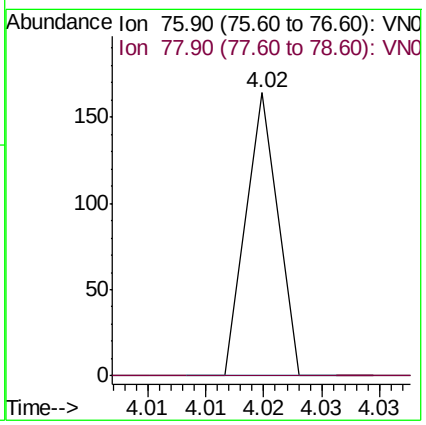


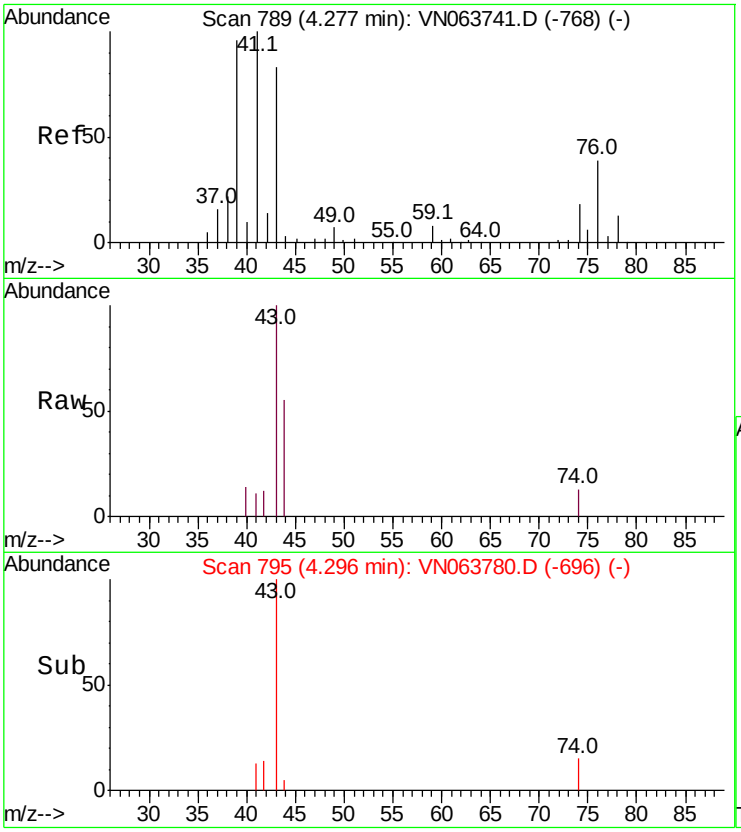


#17
Carbon Disulfide
Concen: 0.706 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 76 Resp: 32

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



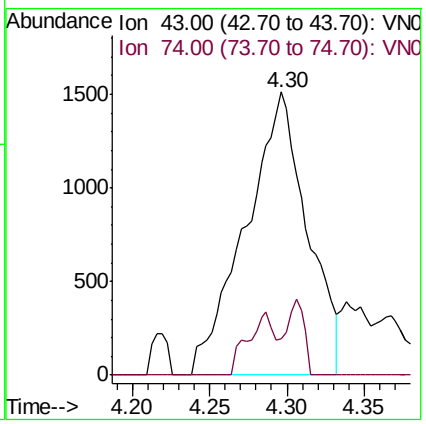


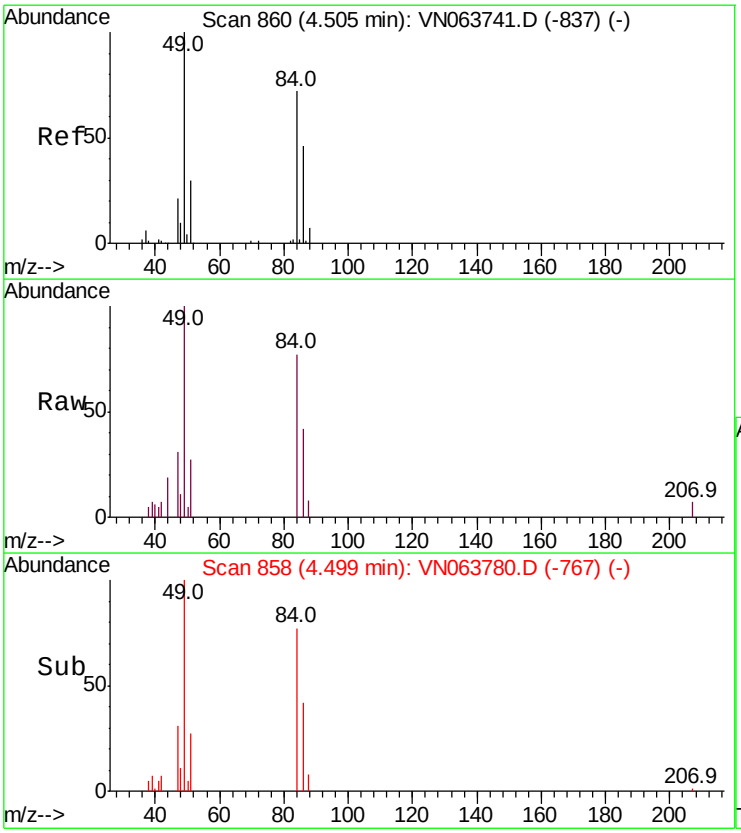
#18
Methyl Acetate
Concen: 1.466 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 43 Resp: 4185

Ion	Ratio	Lower	Upper
43	100		
74	9.4	17.4	26.2#

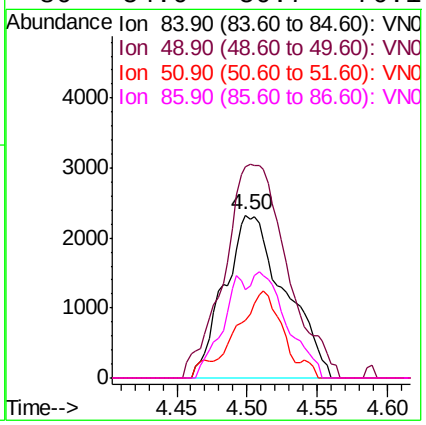


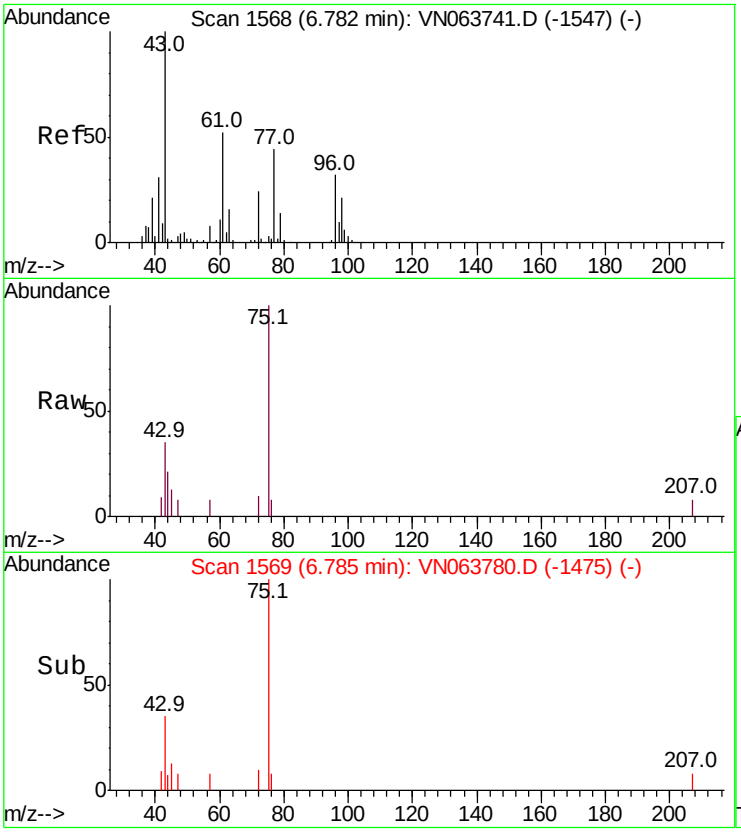


#20
Methylene Chloride
Concen: 2.857 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 84 Resp: 6964

Ion	Ratio	Lower	Upper
84	100		
49	122.1	110.4	165.6
51	35.0	33.3	49.9
86	54.0	50.7	76.1



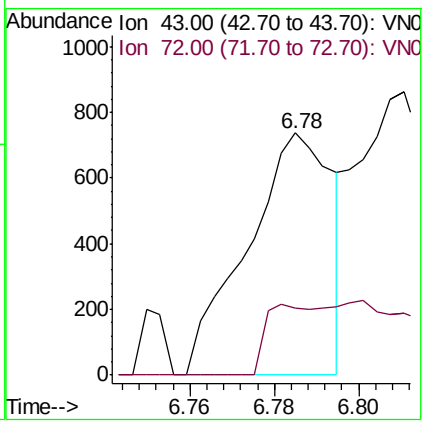


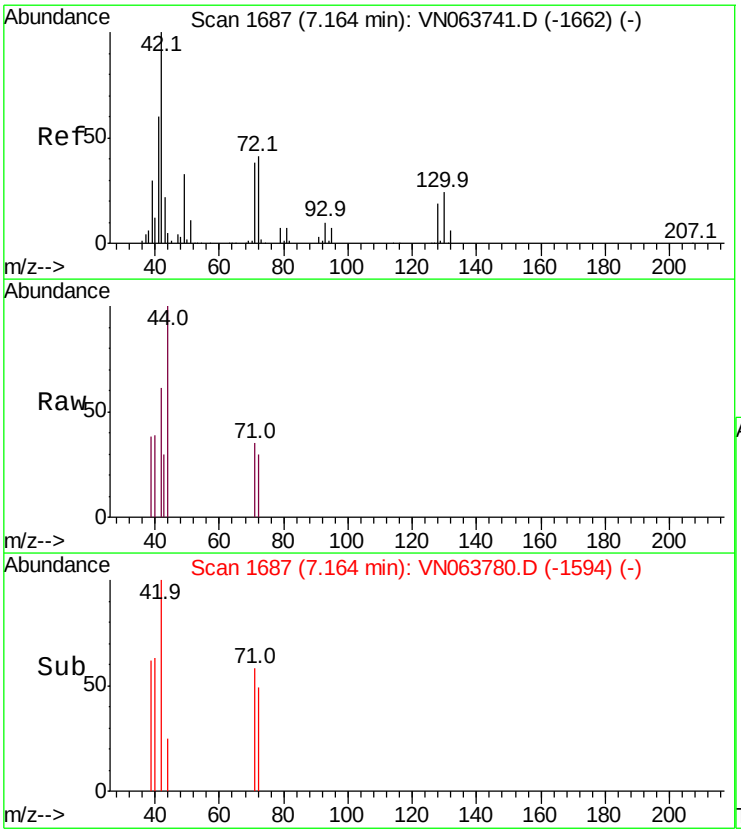
#25
2-Butanone
Concen: 0.661 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 43 Resp: 1031

Ion	Ratio	Lower	Upper
43	100		
72	27.7	19.3	28.9

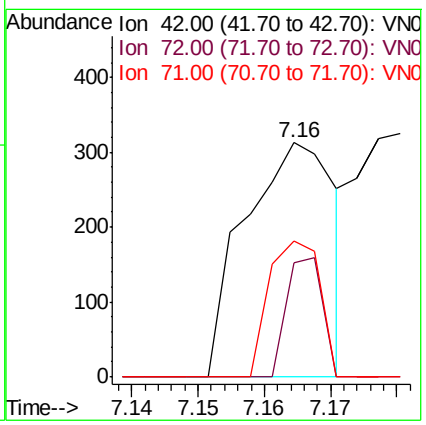


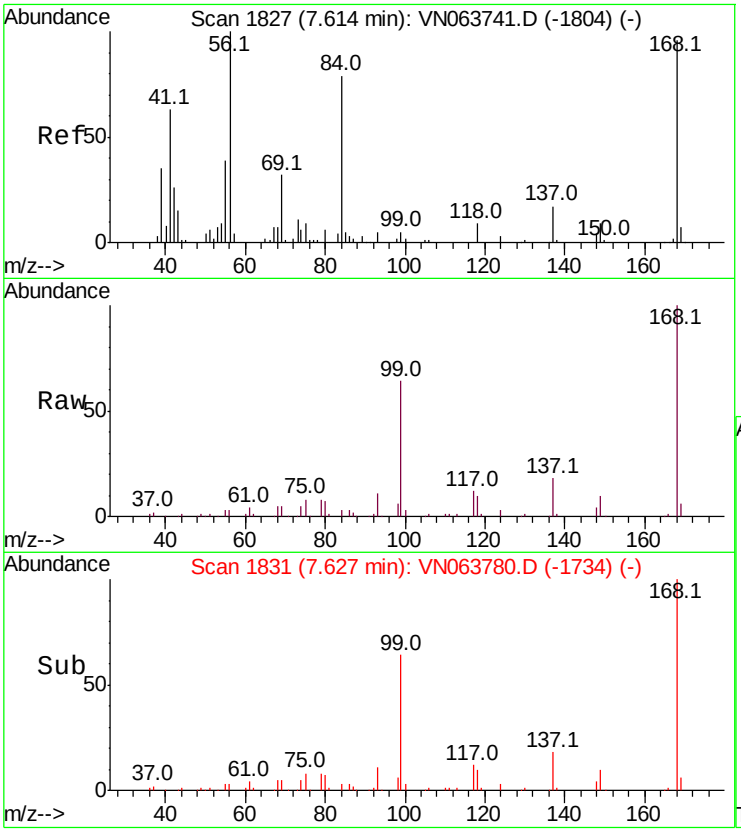


#29
Tetrahydrofuran
Concen: 0.283 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 42 Resp: 296

Ion	Ratio	Lower	Upper
42	100		
72	20.3	32.8	49.2#
71	32.4	30.6	45.8



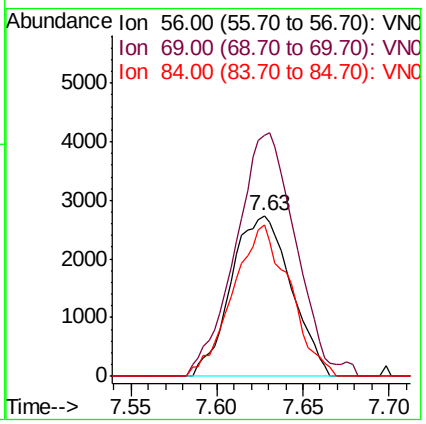


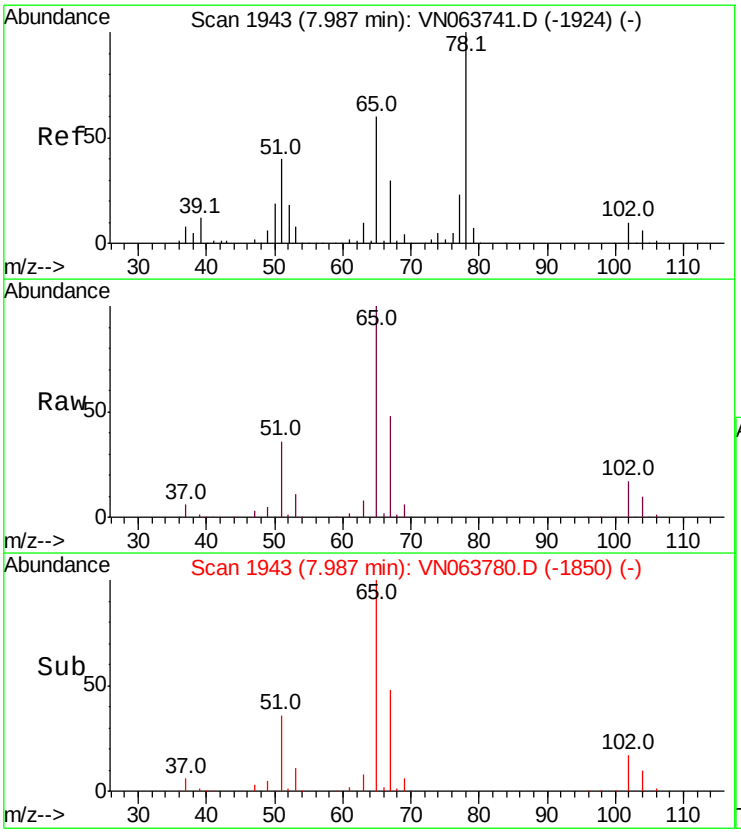
#31
Cyclohexane
Concen: 1.597 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion: 56 Resp: 6625

Ion	Ratio	Lower	Upper
56	100		
69	150.0	25.4	38.2#
84	94.6	63.3	94.9

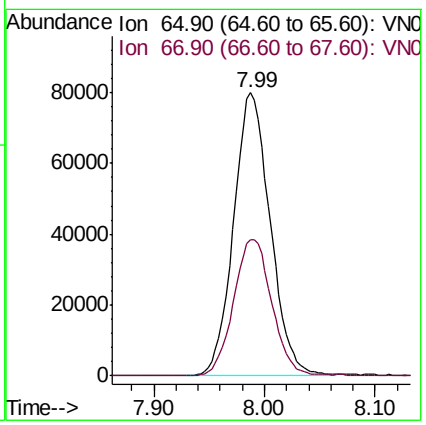


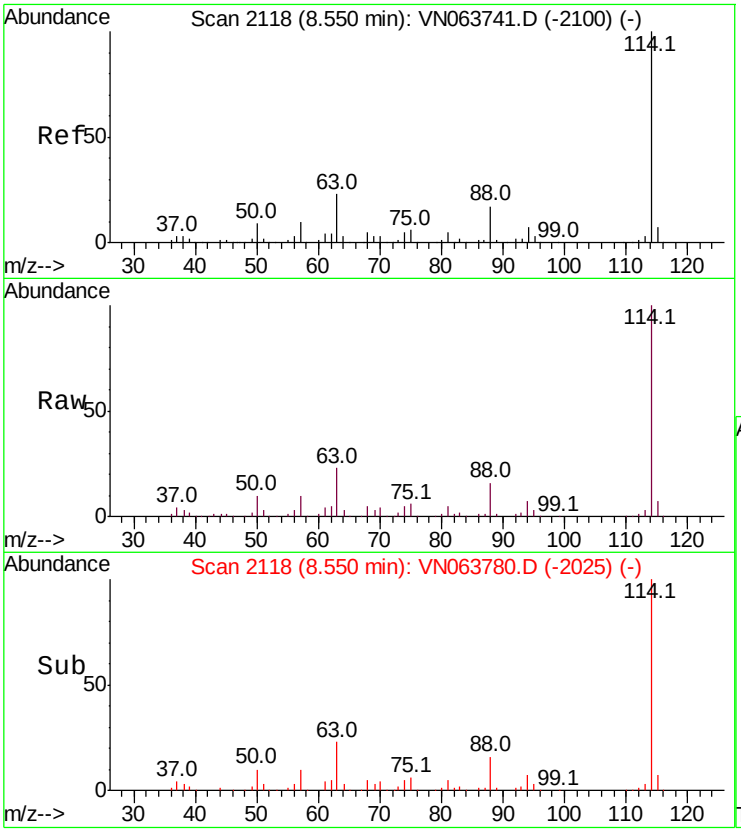


#33
1,2-Dichloroethane-d4
Concen: 51.507 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 65 Resp: 184020

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.6



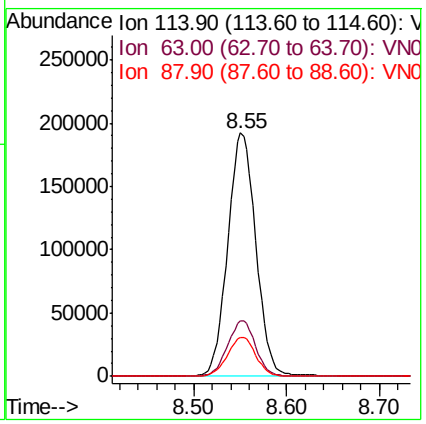


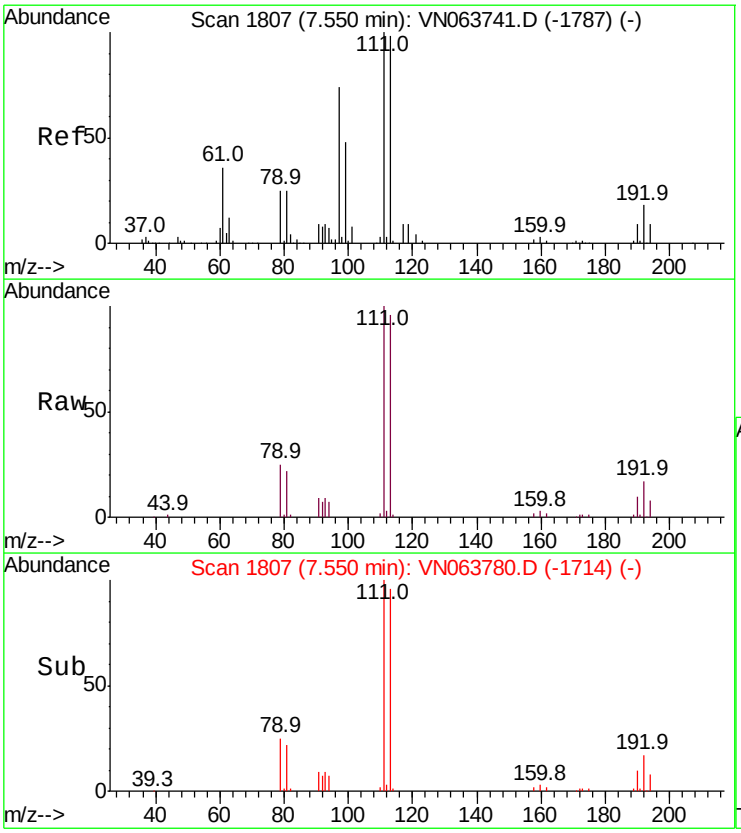
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion:114 Resp: 404852

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.0
88	16.0	0.0	34.0

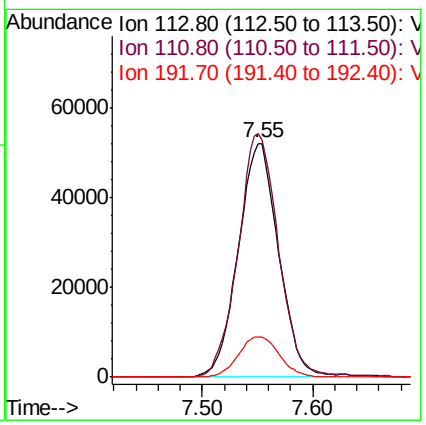


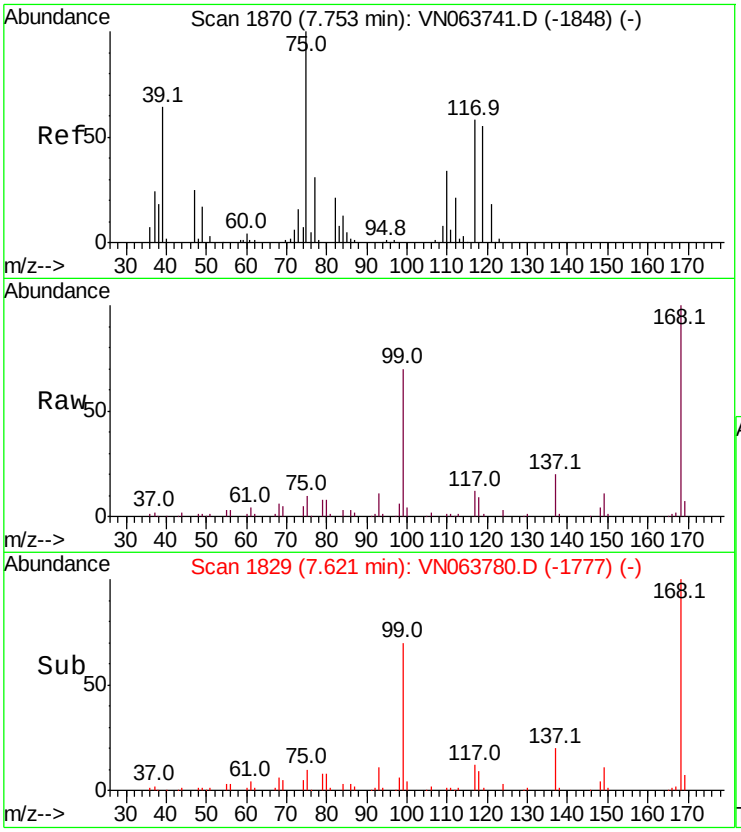


#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion:113 Resp: 131945

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	17.6	14.2	21.2



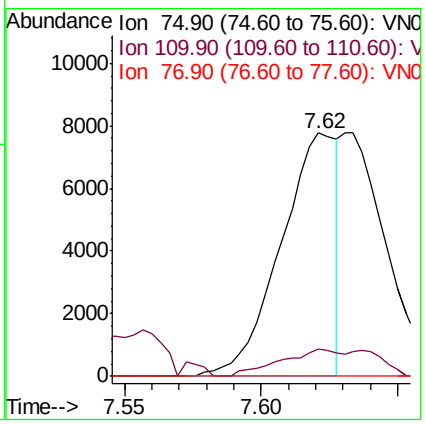


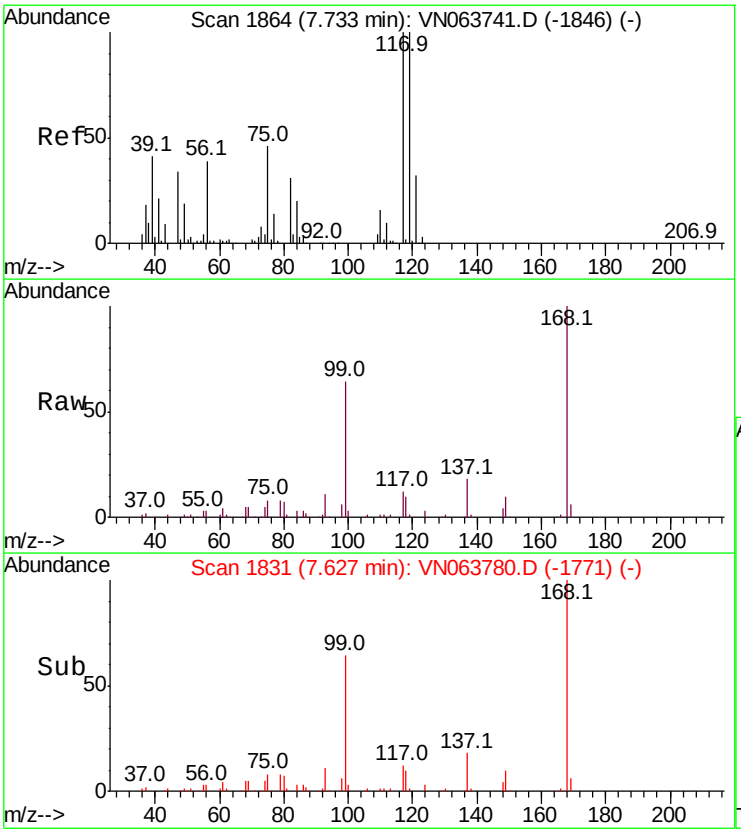
#36
1,1-Dichloropropene
Concen: 2.706 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 75 Resp: 11097

Ion	Ratio	Lower	Upper
75	100		
110	12.4	16.9	50.6#
77	0.0	24.5	36.7#

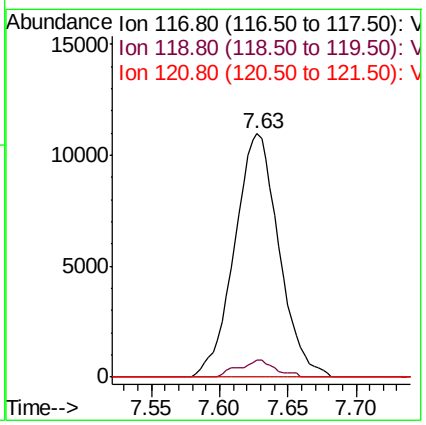


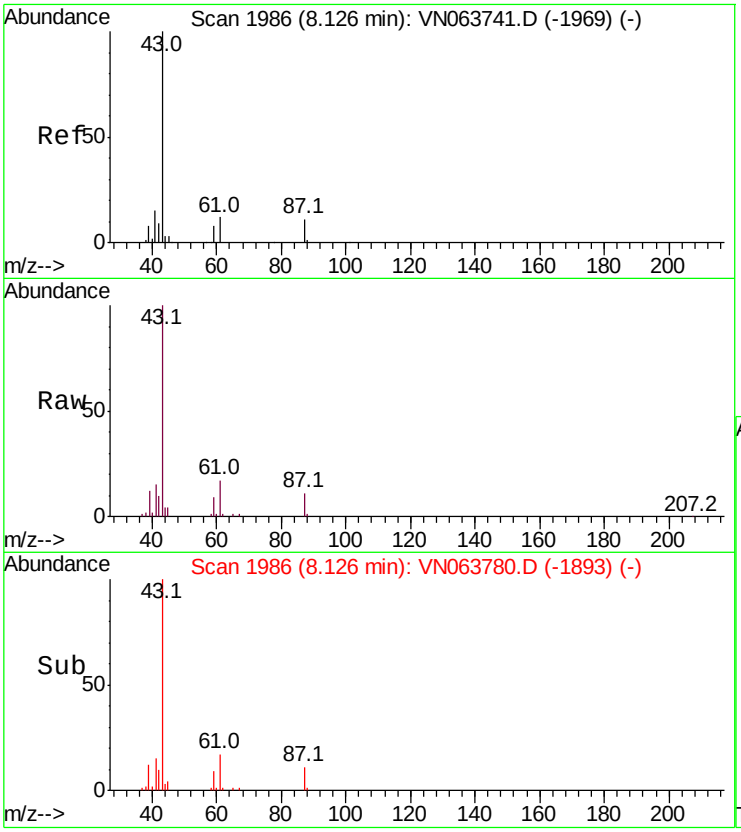


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion:117 Resp: 24797

Ion	Ratio	Lower	Upper
117	100		
119	7.0	80.1	120.1#
121	0.0	25.7	38.5#



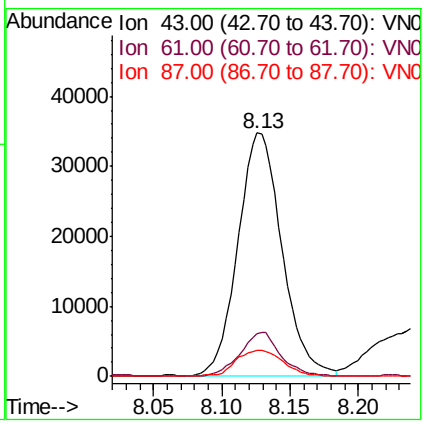


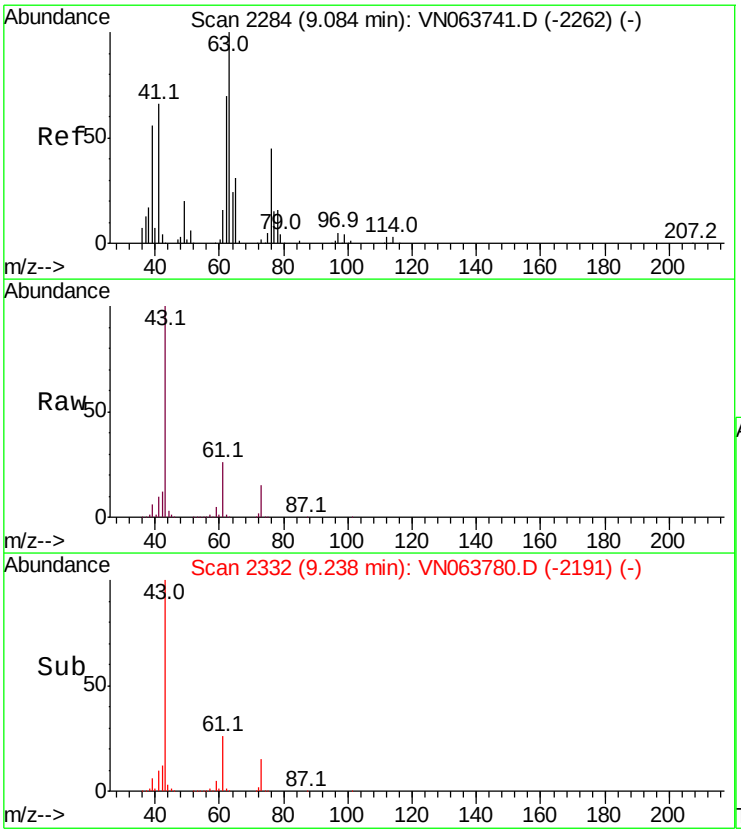
#43
Isopropyl Acetate
Concen: 11.630 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 43 Resp: 78168

Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.2	21.4
87	11.4	9.0	13.6

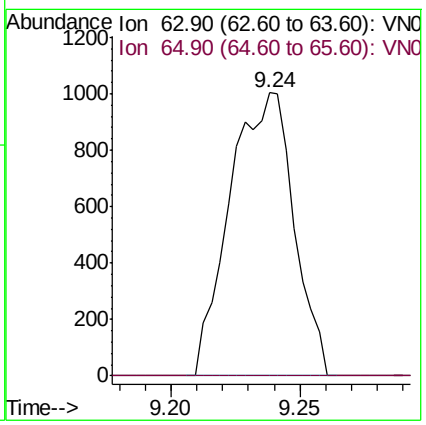


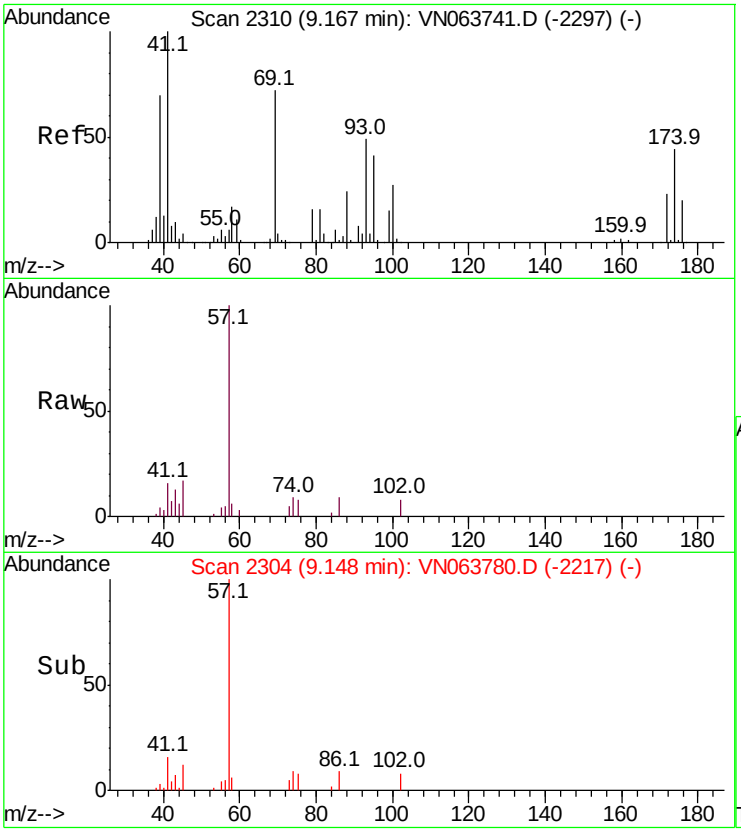


#45
1,2-Dichloropropane
Concen: 0.549 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 63 Resp: 1738

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



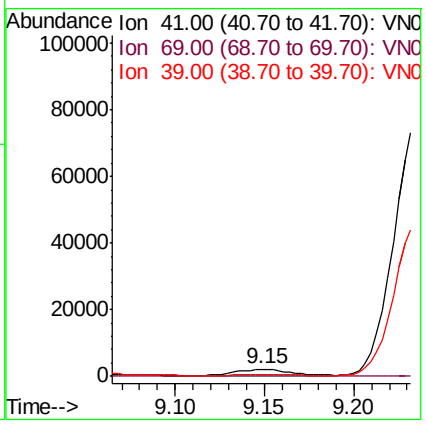


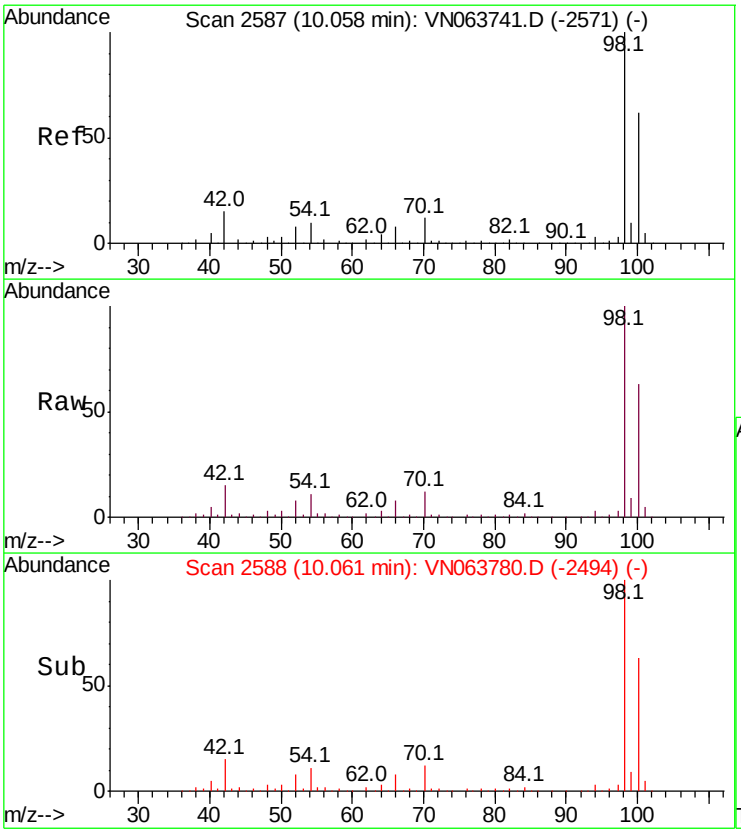
#48
Methyl methacrylate
Concen: 1.482 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion: 41 Resp: 4920

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

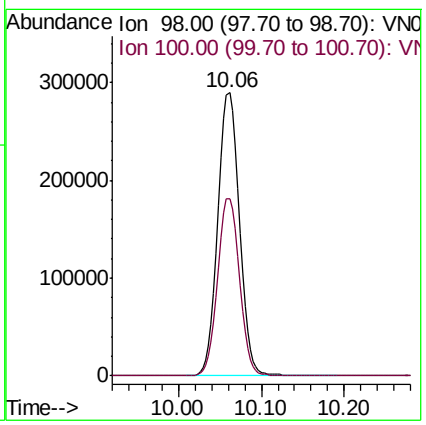


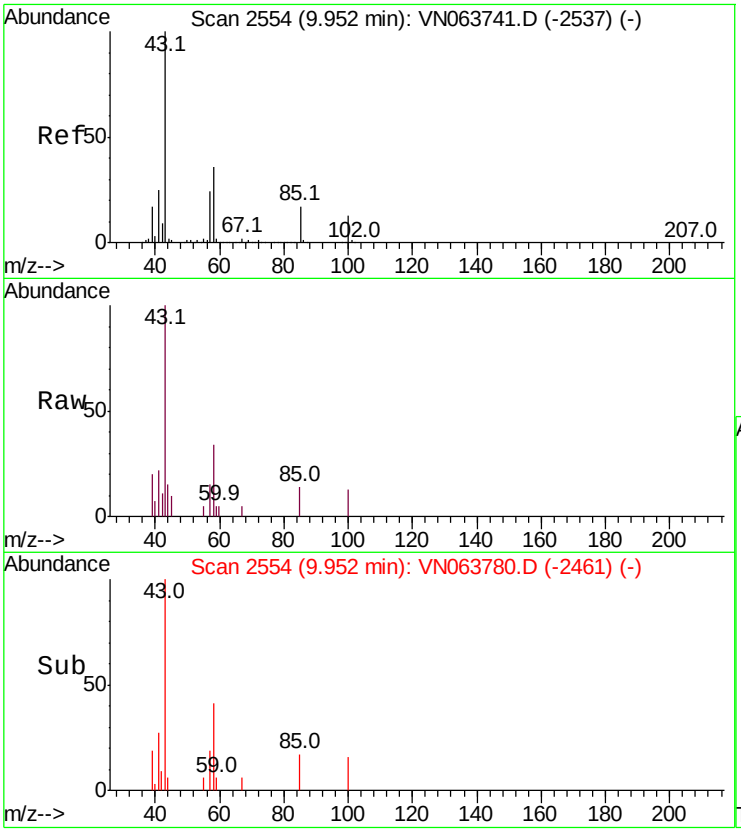


#50
Toluene-d8
Concen: 49.203 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 98 Resp: 523978

Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.6



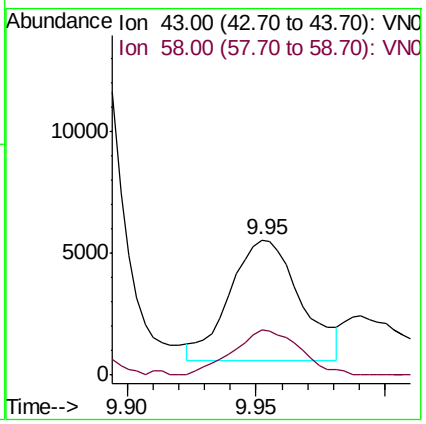


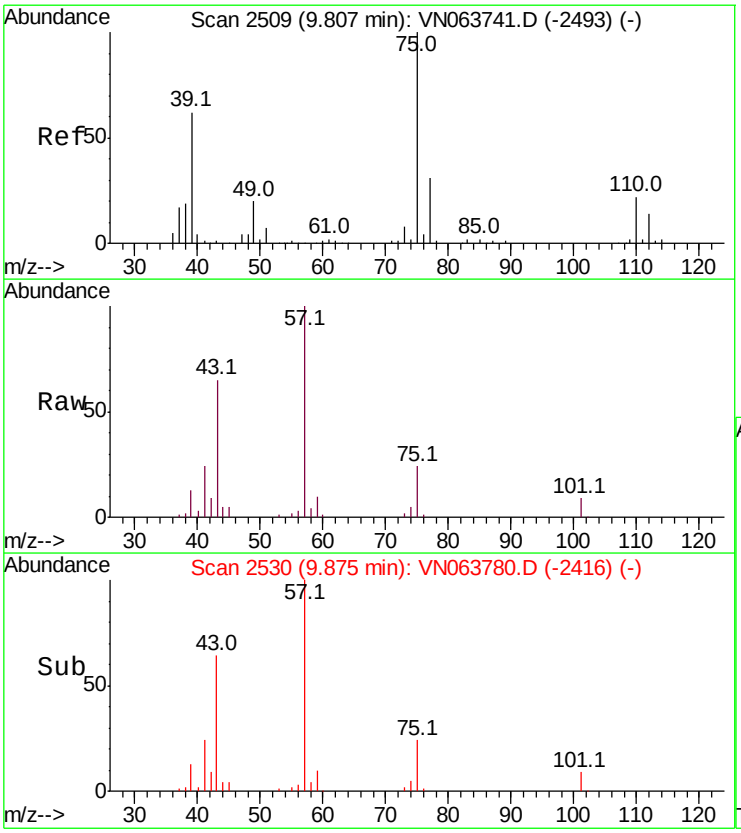
#51
4-Methyl-2-Pentanone
Concen: 2.396 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion: 43 Resp: 9452

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	42.6

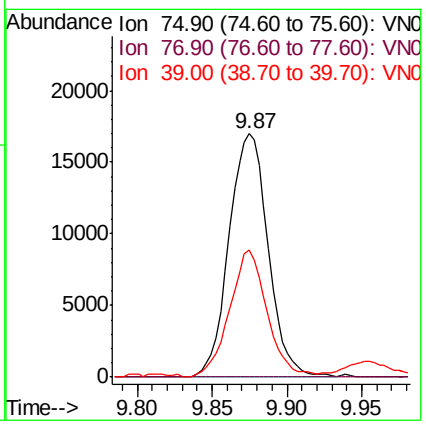


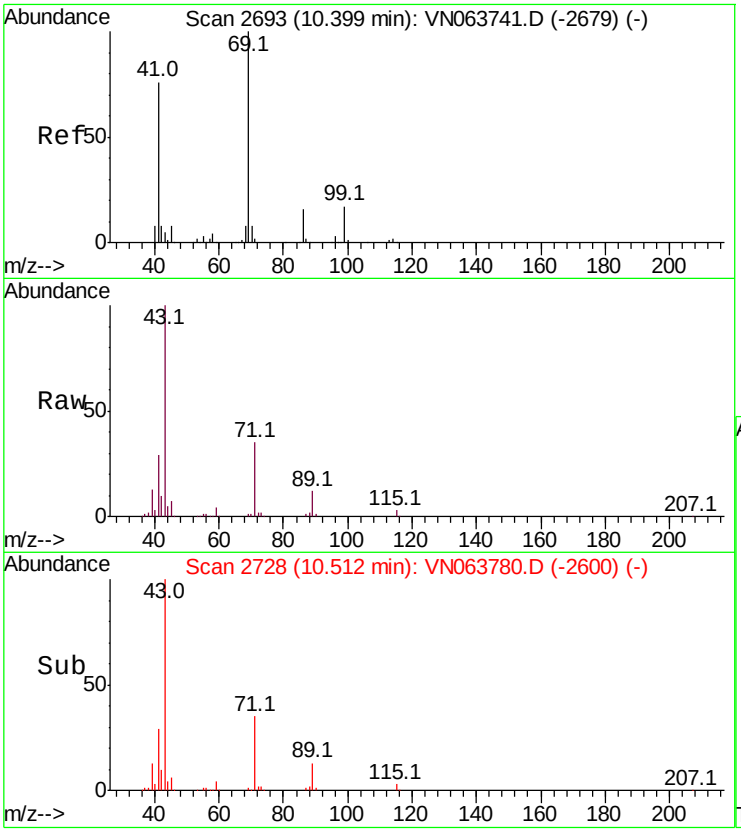


#54
cis-1,3-Dichloropropene
Concen: 6.123 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 75 Resp: 30876

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	52.4	49.7	74.5



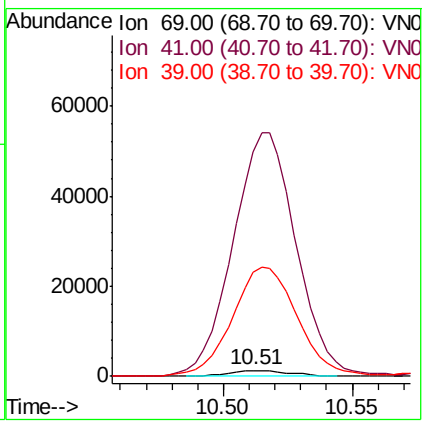


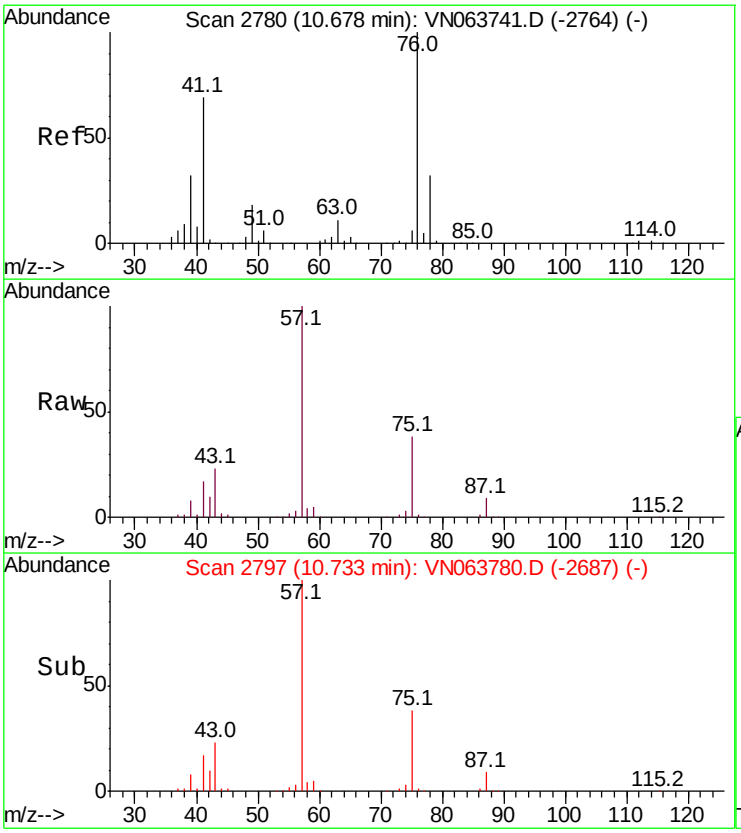
#56
Ethyl methacrylate
Concen: 0.501 ug/l
RT: 10.51 min Scan# 2728
Delta R.T. 0.11 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion: 69 Resp: 2062

Ion	Ratio	Lower	Upper
69	100		
41	4512.0	61.1	91.7#
39	2076.7	42.2	63.4#

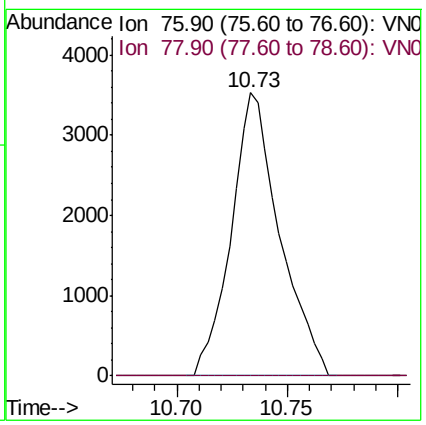


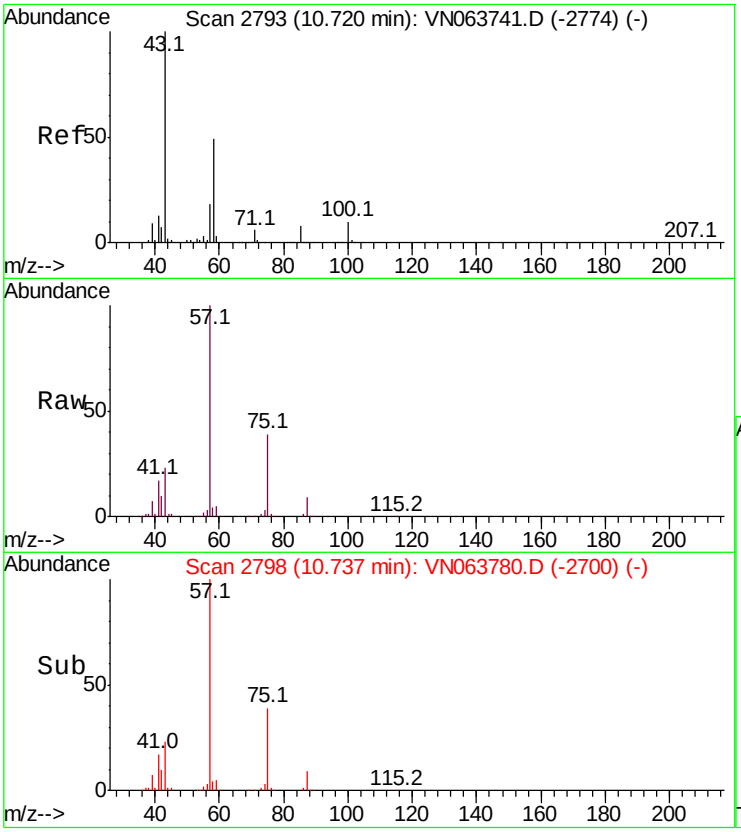


#57
1,3-Dichloropropane
Concen: 1.098 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 76 Resp: 5398

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



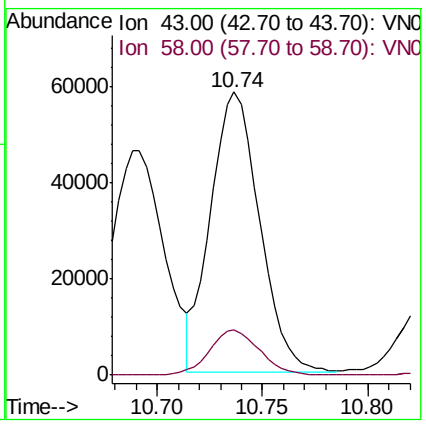


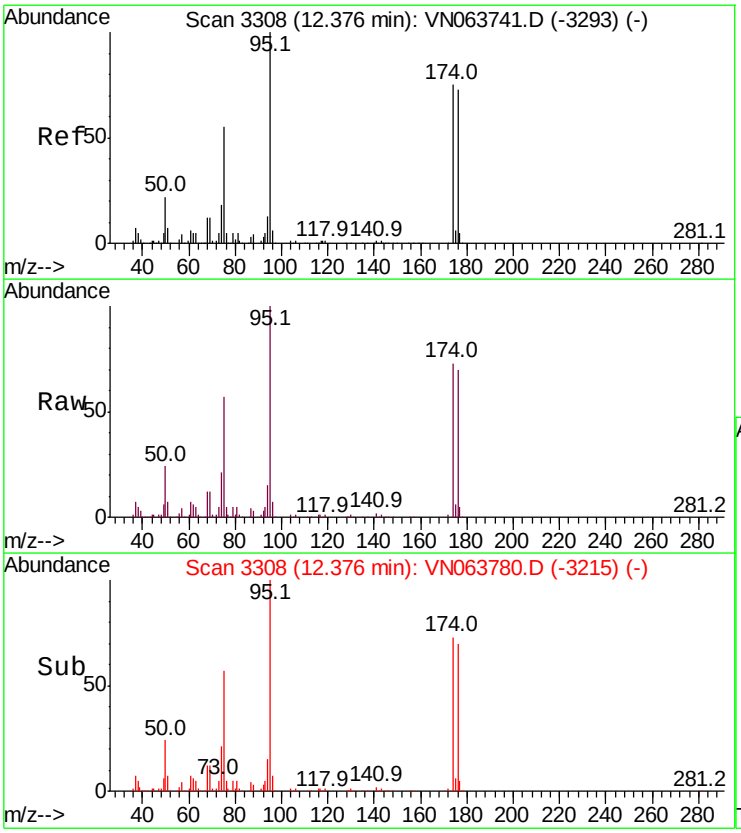
#59
2-Hexanone
Concen: 32.079 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

Tgt Ion: 43 Resp: 93997

Ion	Ratio	Lower	Upper
43	100		
58	16.6	24.6	73.8#

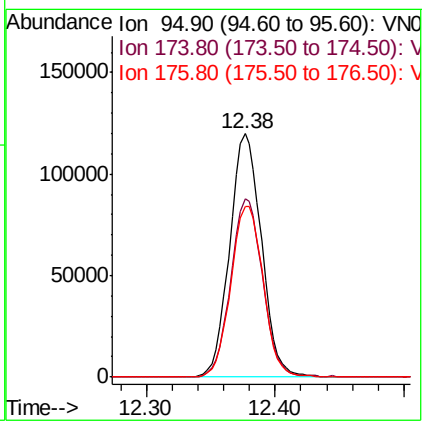


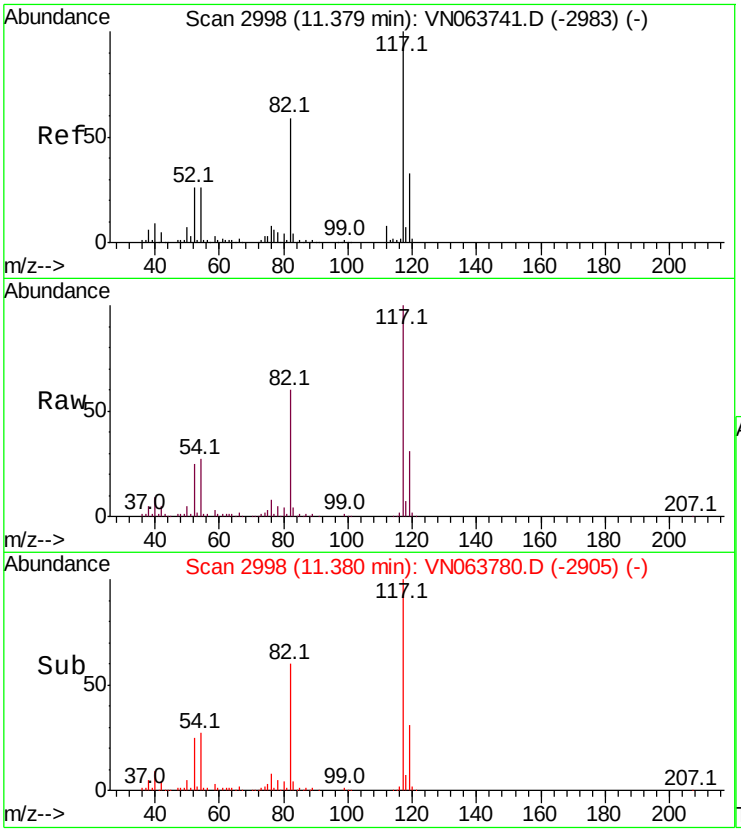


#62
4-Bromofluorobenzene
Concen: 51.283 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 95 Resp: 205295

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	150.6
176	71.8	0.0	145.4



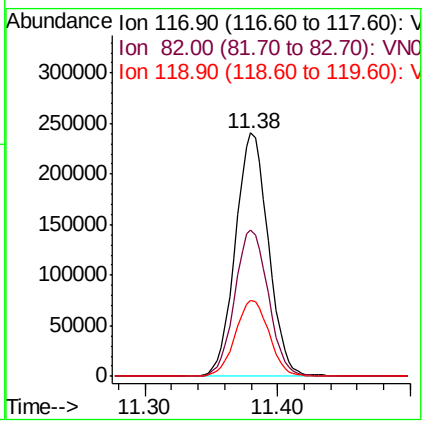


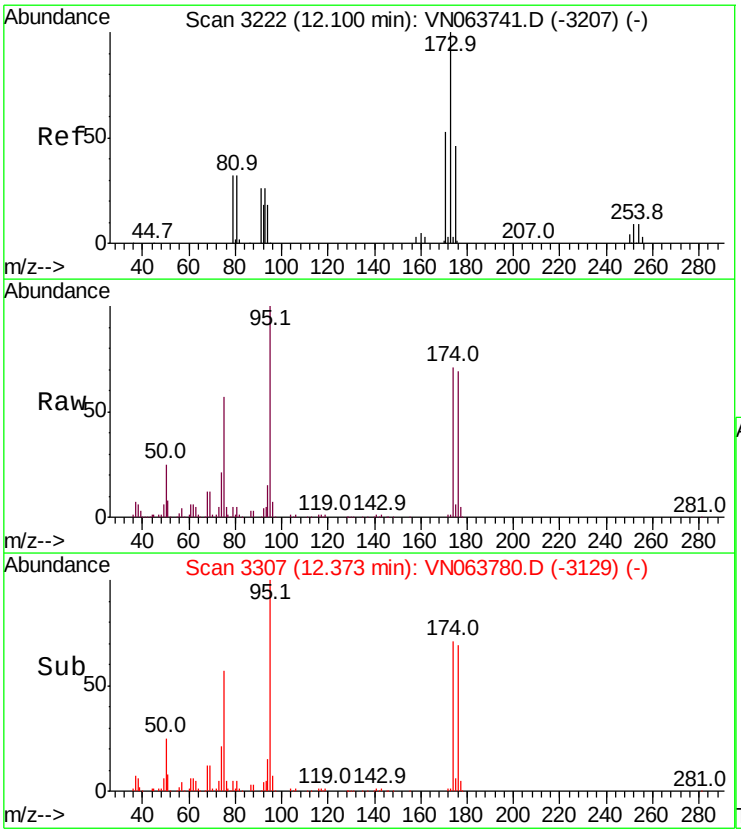
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion:117 Resp: 415870

Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	31.2	26.4	39.6

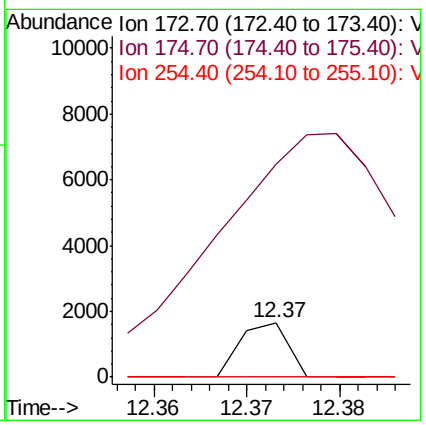


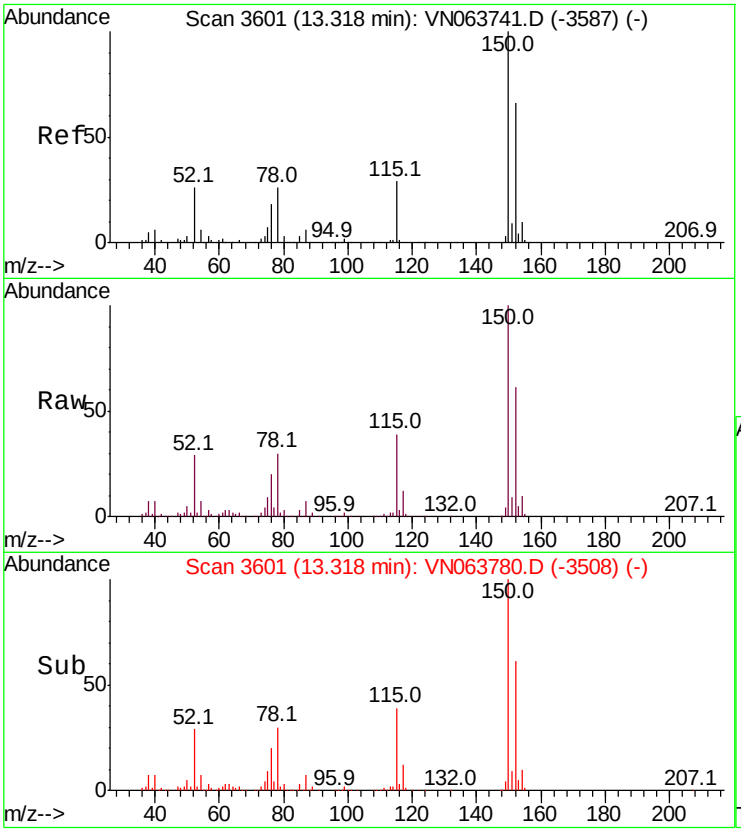


#71
Bromoform
Concen: 0.237 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion:173 Resp: 592

Ion	Ratio	Lower	Upper
173	100		
175	1625.0	23.5	70.5#
254	0.0	0.0	0.0



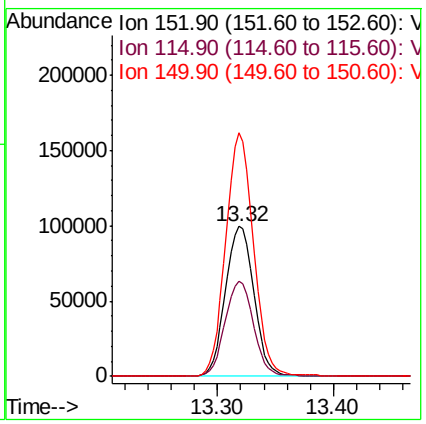


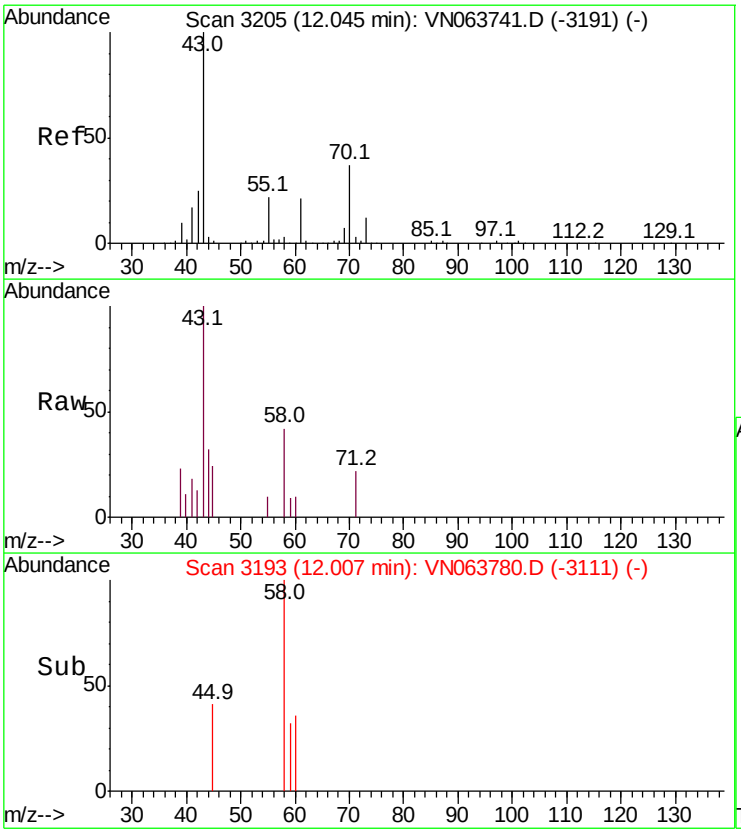
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion:152 Resp: 168788

Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.3	93.8
150	157.4	0.0	341.8

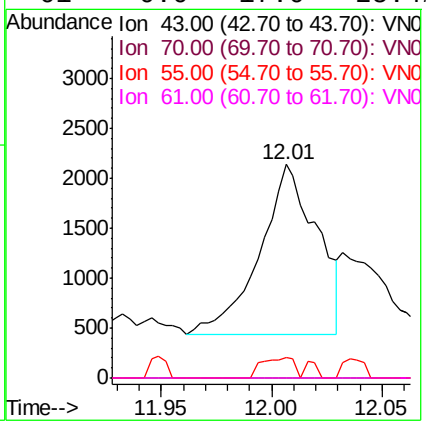


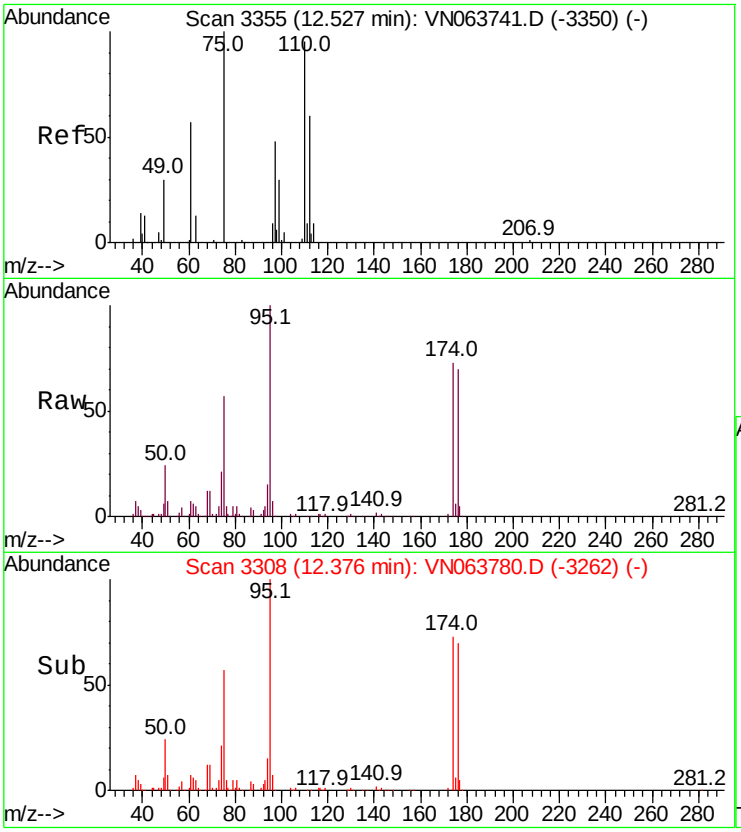


#74
N-amyl acetate
Concen: 2.728 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion: 43 Resp: 3066

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	6.8	17.9	26.9#
61	0.0	17.0	25.4#



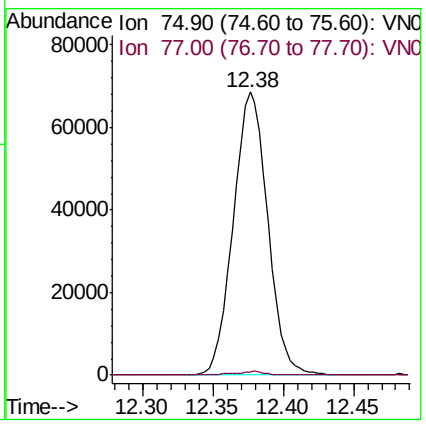


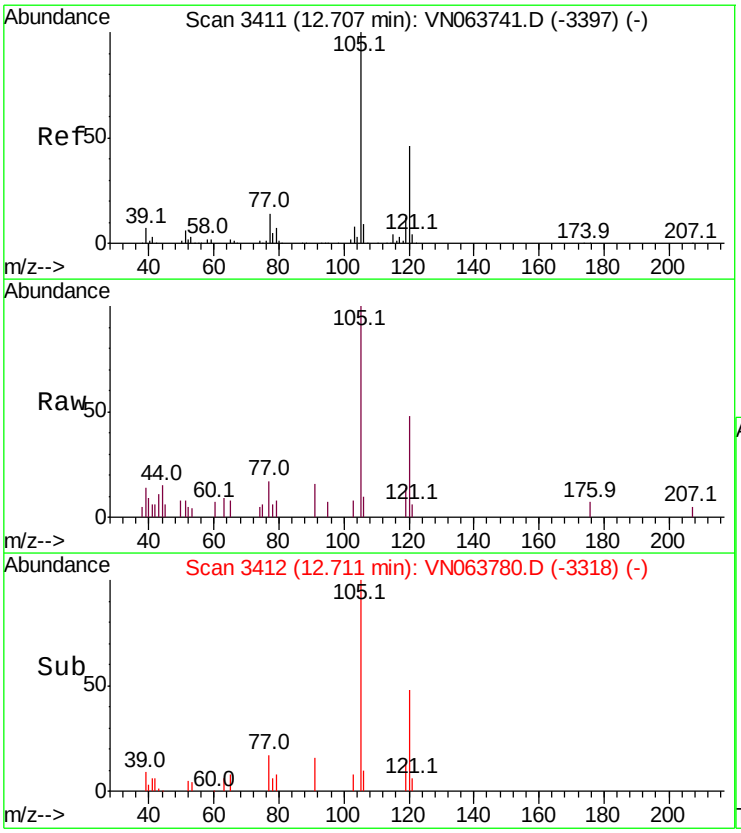
#76
1,2,3-Trichloropropane
Concen: 31.544 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#02

Tgt Ion: 75 Resp: 117366

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

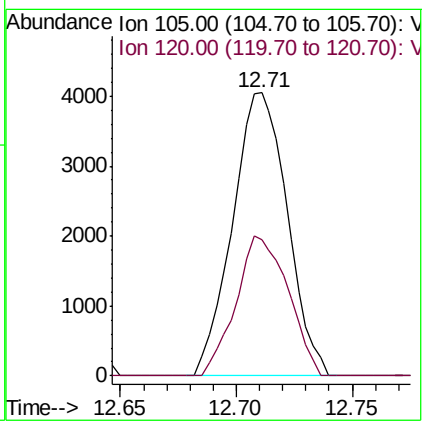


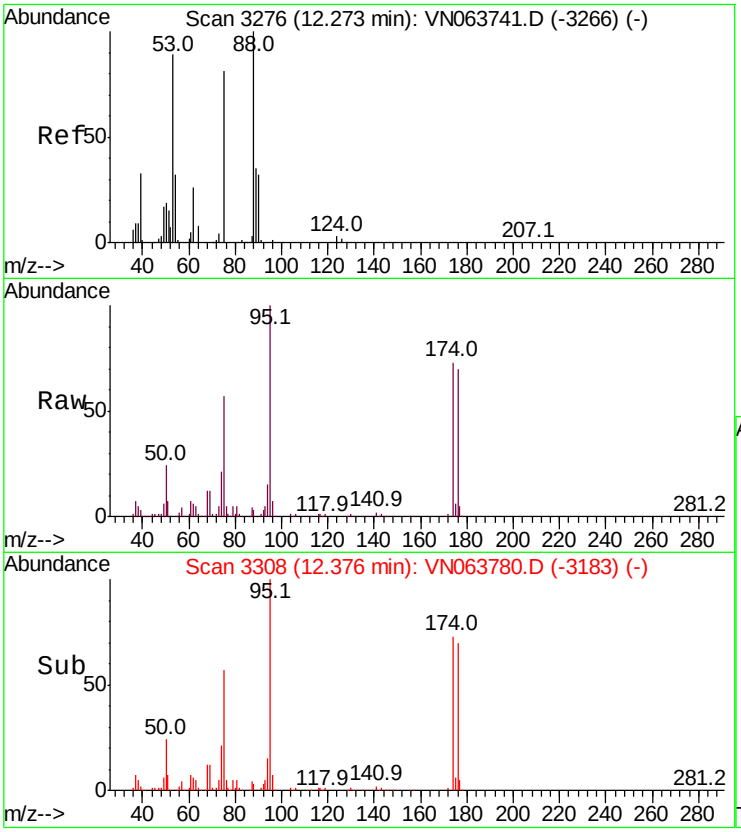


#80
1,3,5-Trimethylbenzene
Concen: 0.643 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion:105 Resp: 6637

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.3	69.9



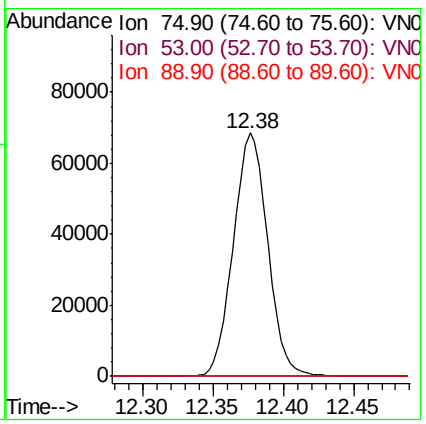


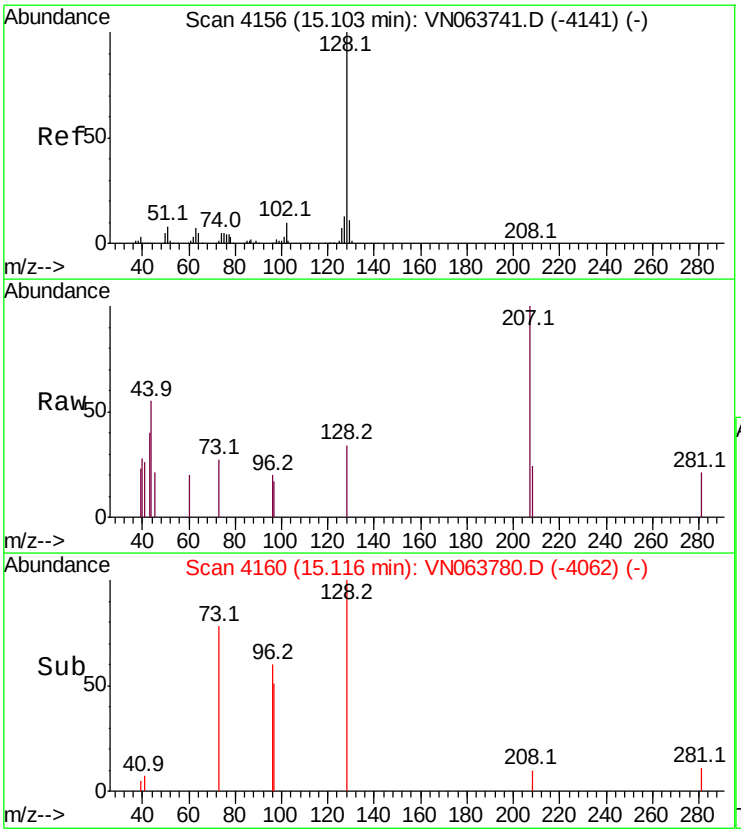
#81
trans-1,4-Dichloro-2-butene
Concen: 90.851 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#02

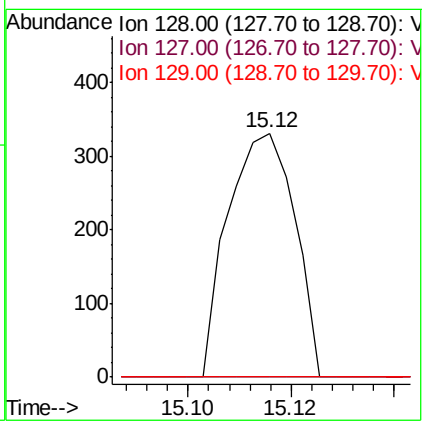
Tgt Ion: 75 Resp: 117366

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.2	132.2#
89	0.0	36.0	54.0#





#95
Naphthalene
Concen: 1.956 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.01 min
Lab File: VN063780.D
Acq: 1 Oct 2020 18:33

Tgt Ion:128 Resp: 296

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