Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120920\
Data File : VN065022.D
Acq On : 9 Dec 2020 15:50
Operator : JC/MD
Sample : PB133472ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Quant Time: Dec 10 04:08:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	164903	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	312561	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	331228	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136758	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	106649	55.63	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.26%				
35) Dibromofluoromethane	7.55	113	99121	53.00	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.00%				
50) Toluene-d8	10.06	98	402315	52.65	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.30%				
62) 4-Bromofluorobenzene	12.38	95	147940	54.09	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.18%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.74	59	90	0.301	ug/l	#	73
16) Acetone	3.78	43	5918	9.391	ug/l		98
20) Methylene Chloride	4.51	84	5247	2.657	ug/l		89
25) 2-Butanone	6.78	43	836	0.818	ug/l	#	49
29) Tetrahydrofuran	7.18	42	1203	1.706	ug/l	#	45
31) Cyclohexane	7.62	56	2957	1.107	ug/l	#	30
36) 1,1-Dichloropropene	7.62	75	11807	4.075	ug/l	#	49
37) Ethyl Acetate	6.80	43	1774	0.636	ug/l	#	66
38) Carbon Tetrachloride	7.62	117	15717	5.214	ug/l	#	15
43) Isopropyl Acetate	8.13	43	16087	3.582	ug/l		95
45) 1,2-Dichloropropane	9.24	63	1124	0.489	ug/l	#	43
48) Methyl methacrylate	9.14	41	4130	1.925	ug/l	#	12
51) 4-Methyl-2-Pentanone	9.96	43	3552	1.318	ug/l		96
52) Toluene	10.13	92	1468	0.269	ug/l		93
54) cis-1,3-Dichloropropene	9.87	75	27878	7.556	ug/l	#	65
57) 1,3-Dichloropropane	10.74	76	17715	4.777	ug/l	#	42
59) 2-Hexanone	10.74	43	230328	118.713	ug/l	#	51
76) 1,2,3-Trichloropropane	12.37	75	71020	24.114	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	1771	0.224	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.37	75	71020	66.090	ug/l	#	15

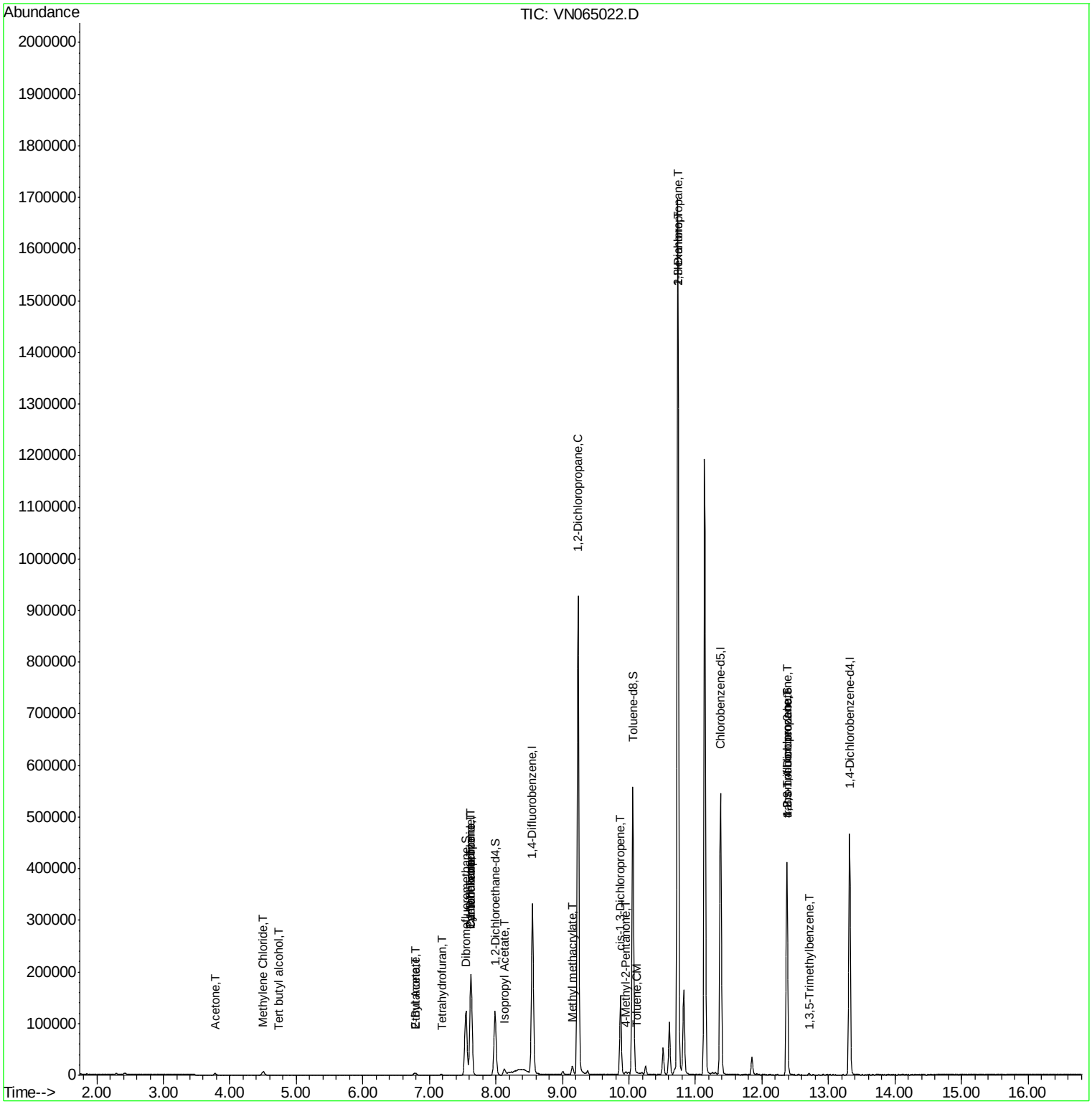
(#) = qualifier out of range (m) = manual integration (+) = signals summed

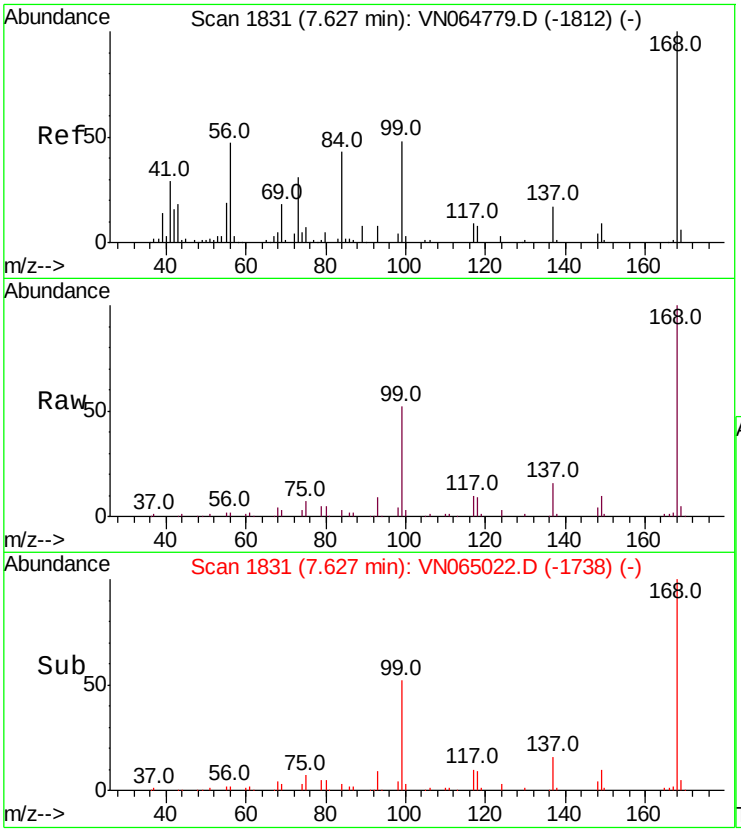
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120920\
Data File : VN065022.D
Acq On : 9 Dec 2020 15:50
Operator : JC/MD
Sample : PB133472ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Quant Time: Dec 10 04:08:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration



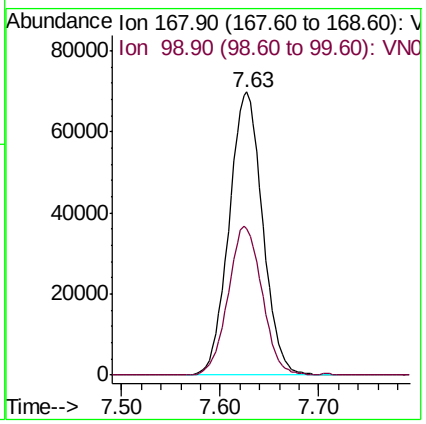


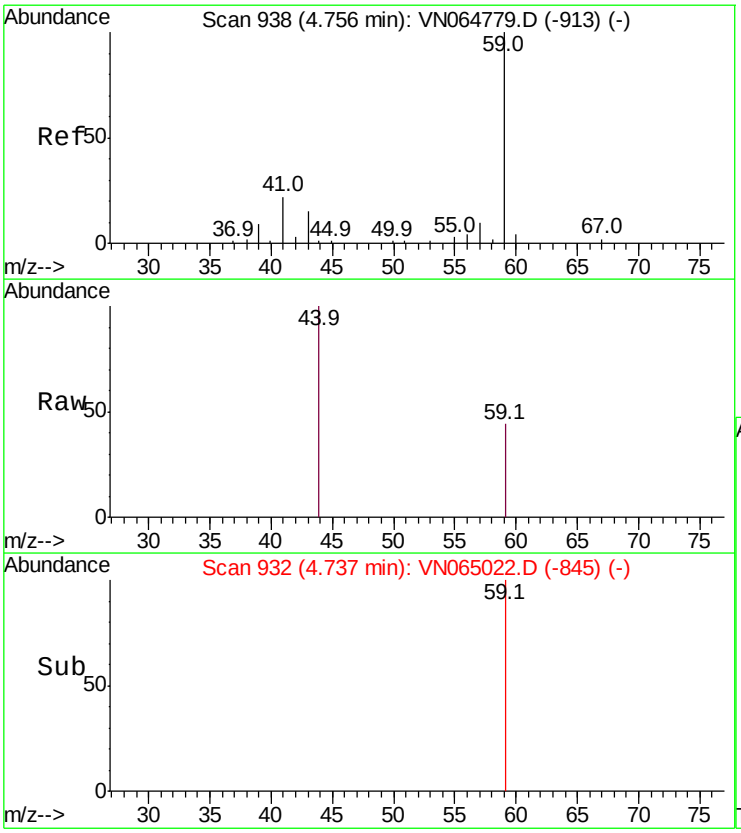
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion:168 Resp: 164903

Ion	Ratio	Lower	Upper
168	100		
99	51.6	43.0	64.4

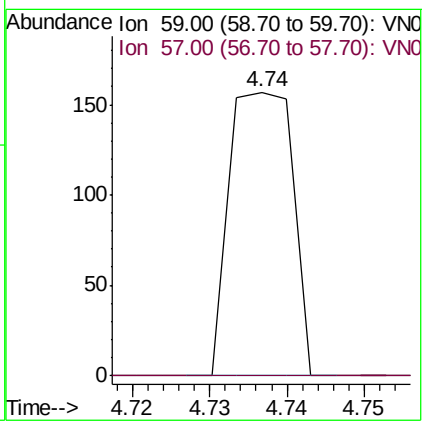


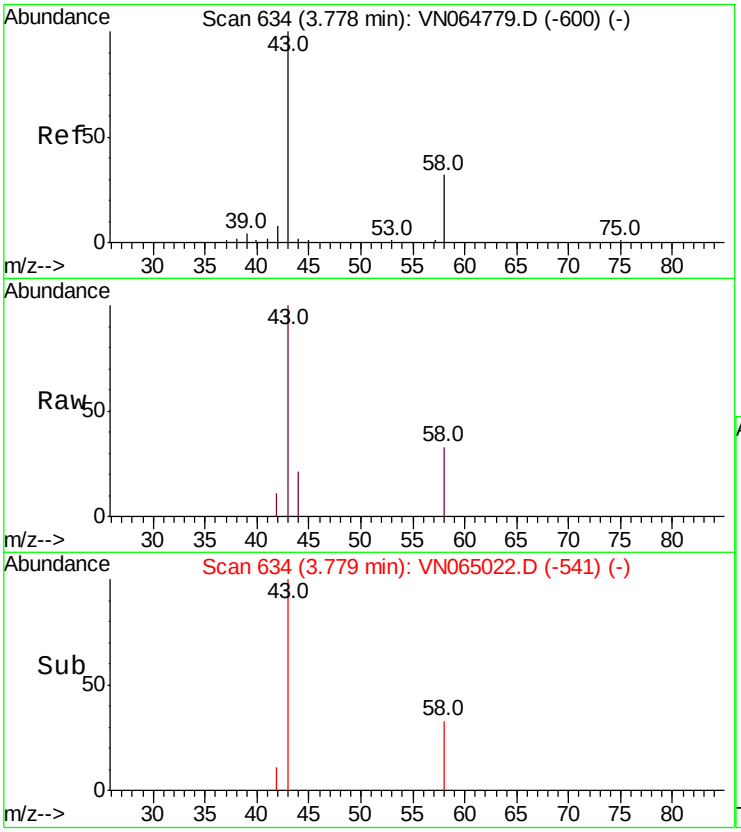


#11
Tert butyl alcohol
Concen: 0.301 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 59 Resp: 90

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



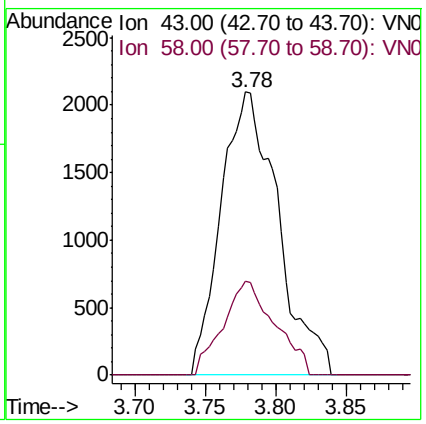


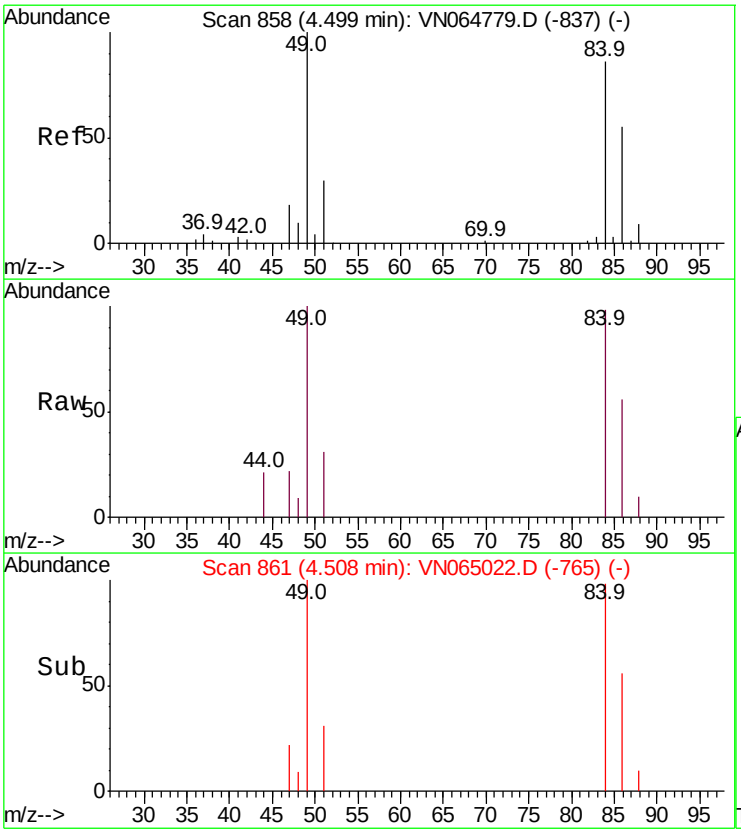
#16
Acetone
Concen: 9.391 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion: 43 Resp: 5918

Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.7	38.5

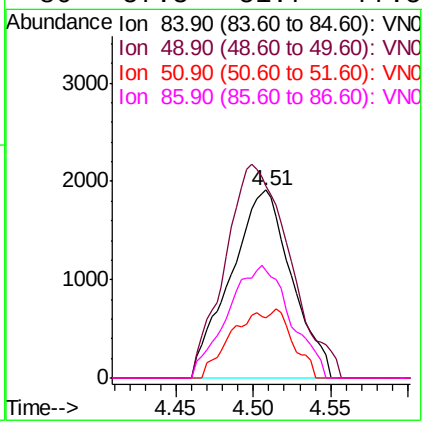


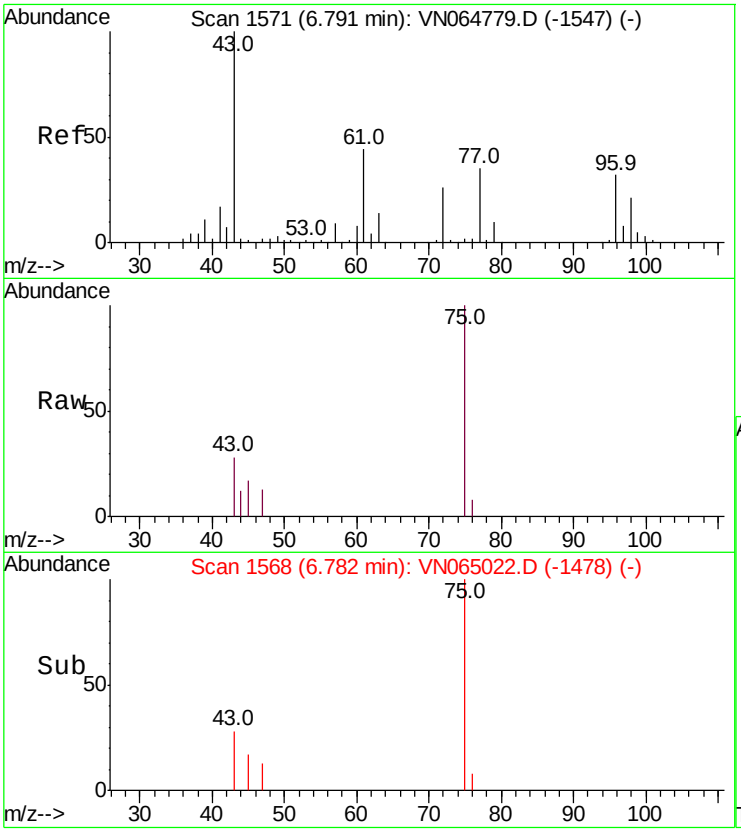


#20
Methylene Chloride
Concen: 2.657 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 84 Resp: 5247

Ion	Ratio	Lower	Upper
84	100		
49	102.5	93.4	140.0
51	32.0	28.2	42.4
86	57.3	51.7	77.5



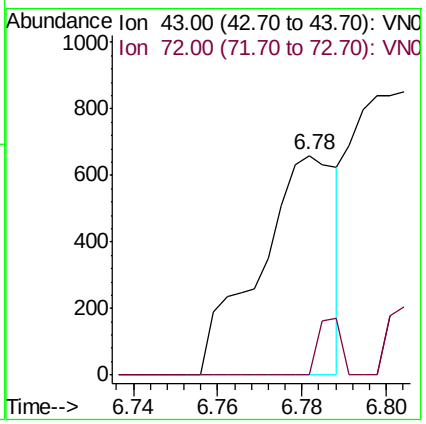


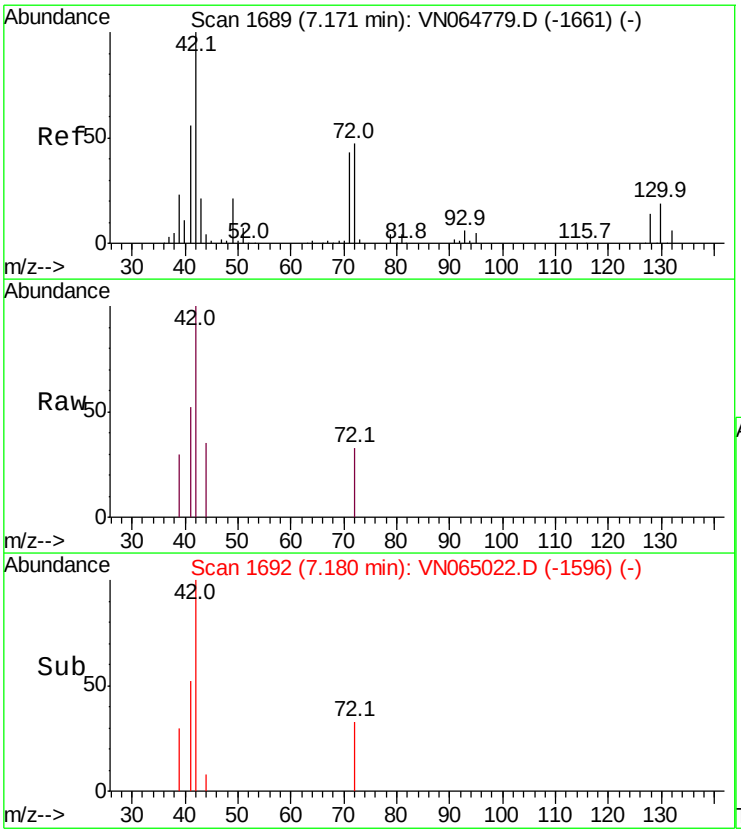
#25
2-Butanone
Concen: 0.818 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion: 43 Resp: 836

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#

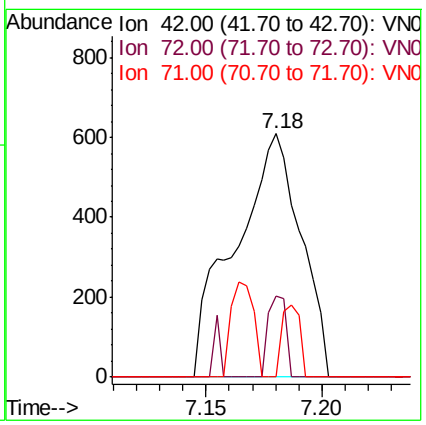


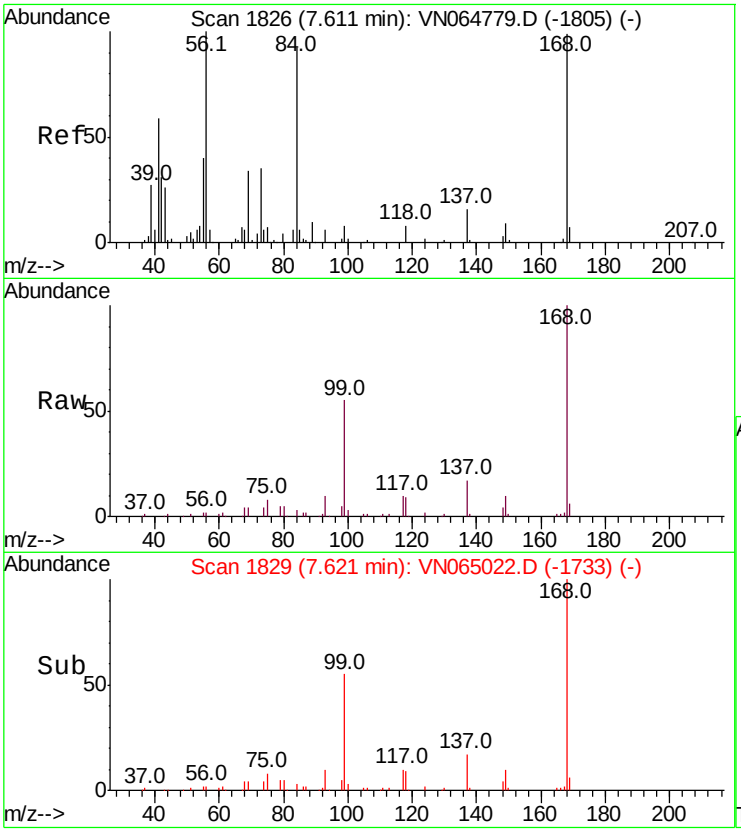


#29
Tetrahydrofuran
Concen: 1.706 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 42 Resp: 1203

Ion	Ratio	Lower	Upper
42	100		
72	9.1	36.6	54.8#
71	8.1	33.6	50.4#



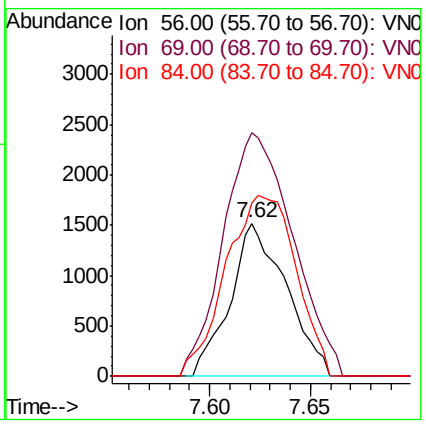


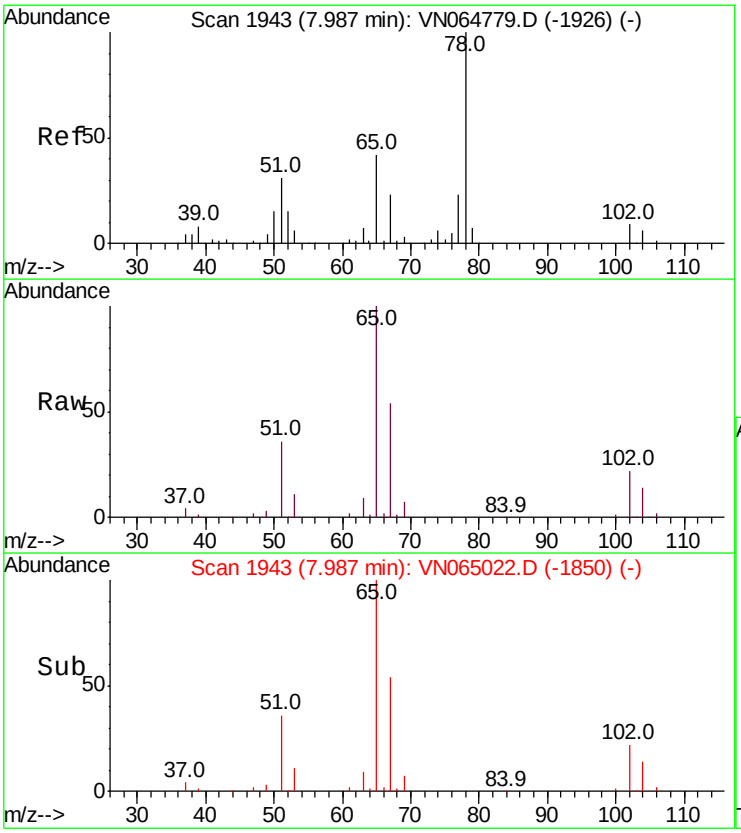
#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Tgt Ion: 56 Resp: 2957

Ion	Ratio	Lower	Upper
56	100		
69	148.2	27.5	41.3#
84	113.4	73.9	110.9#

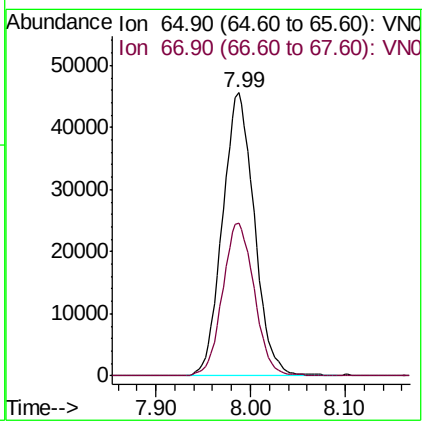


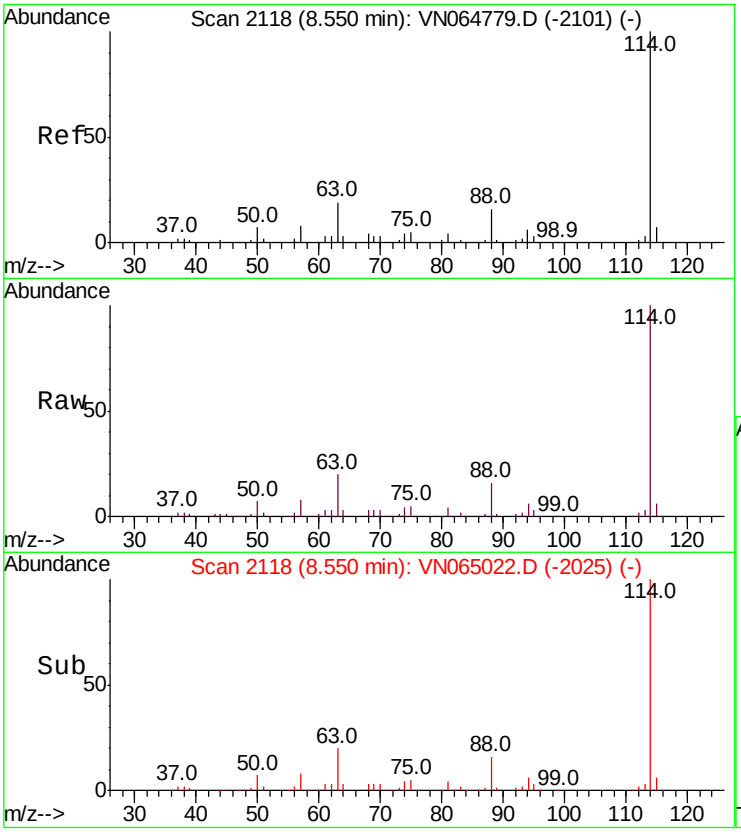


#33
1,2-Dichloroethane-d4
Concen: 55.630 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 65 Resp: 106649

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.2



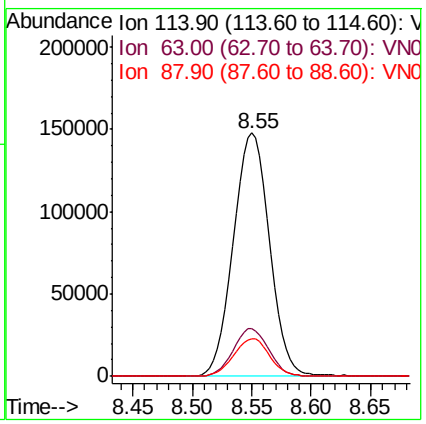


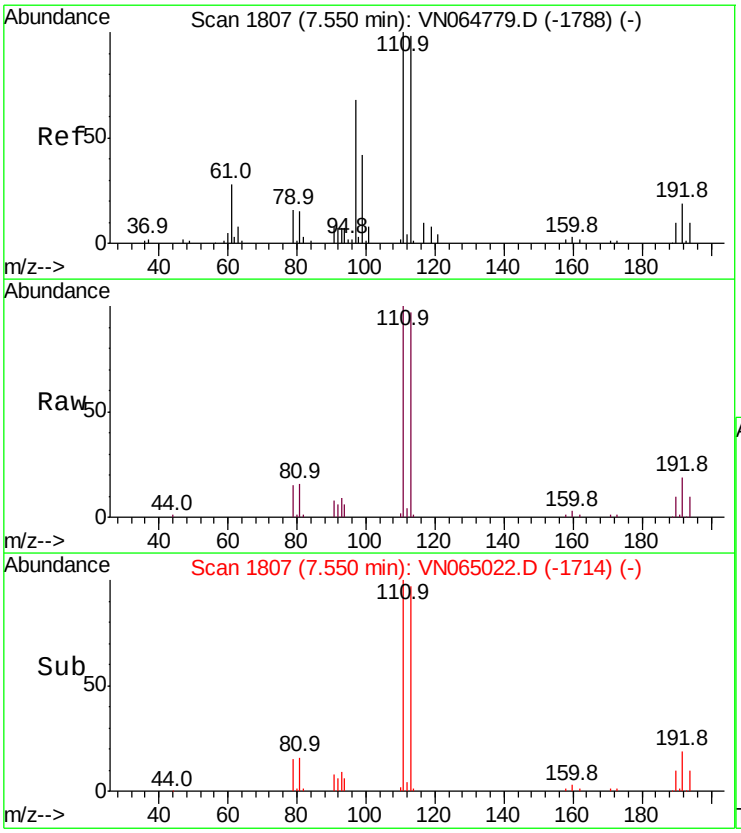
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion:114 Resp: 312561

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.6	0.0	32.6

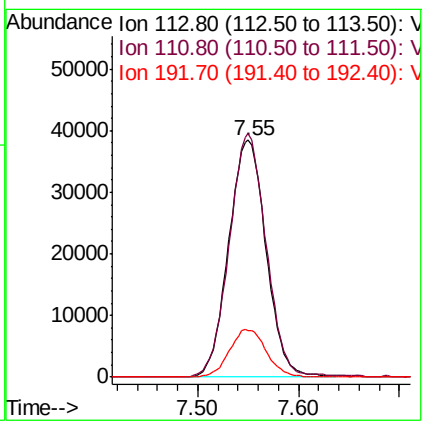


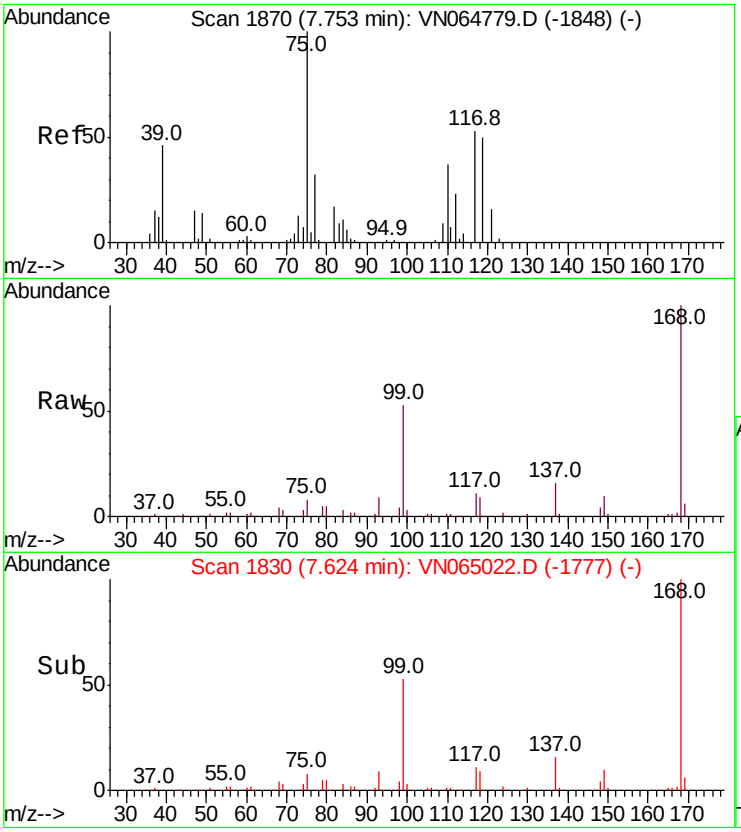


#35
Dibromofluoromethane
Concen: 52.998 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion:113 Resp: 99121

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	19.6	16.2	24.2



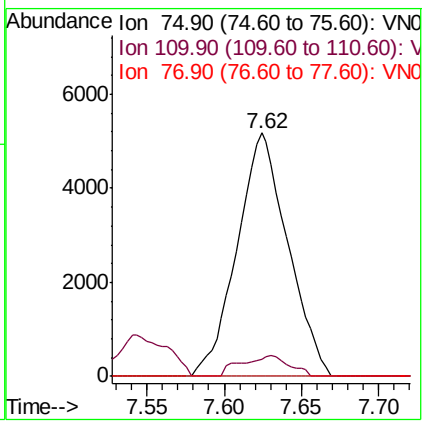


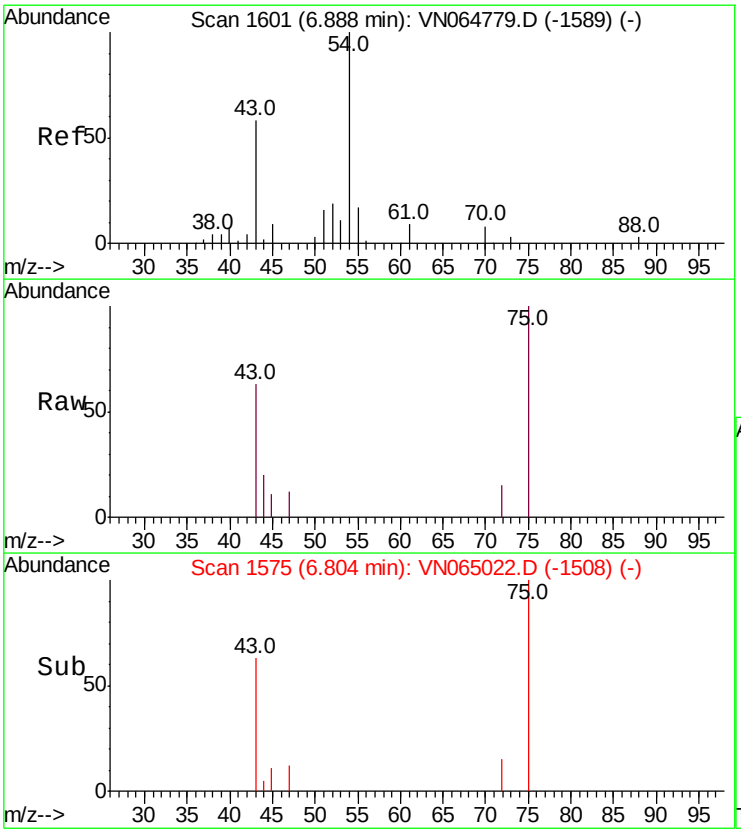
#36
1,1-Dichloropropene
Concen: 4.075 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Tgt Ion: 75 Resp: 11807

Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.3#
77	0.0	25.0	37.4#

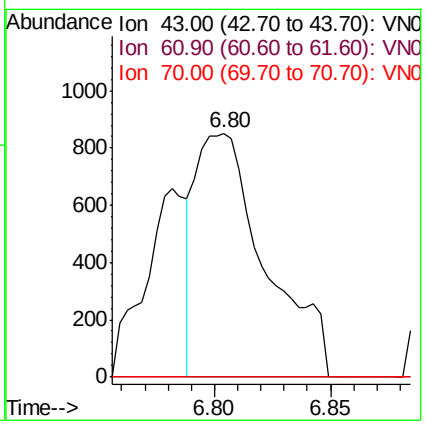


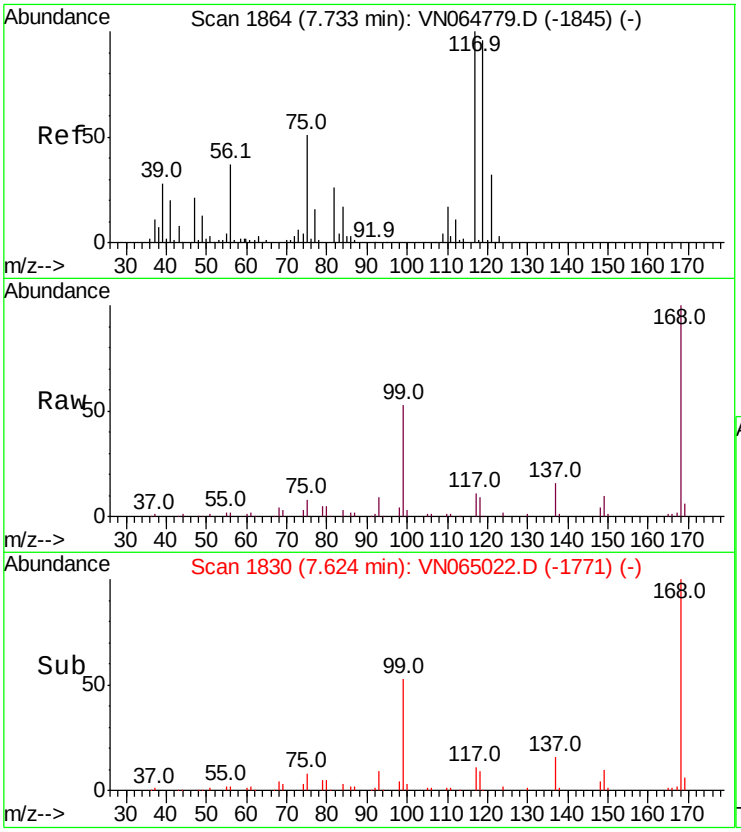


#37
Ethyl Acetate
Concen: 0.636 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. -0.08 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 43 Resp: 1774

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#



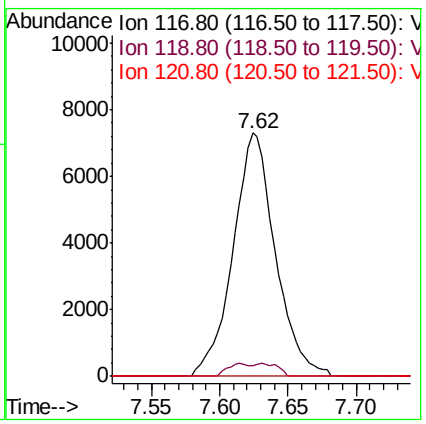


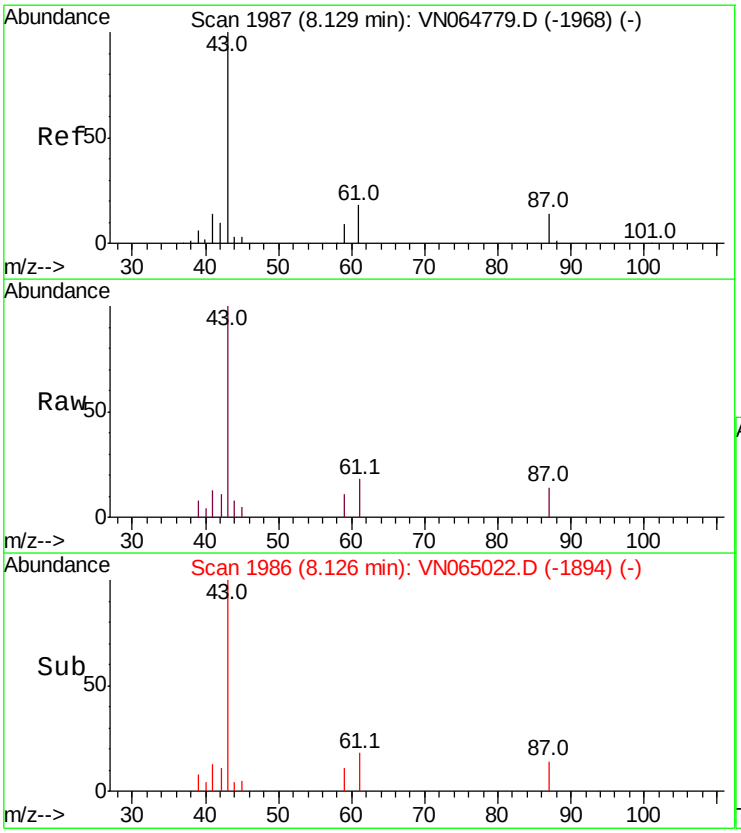
#38
Carbon Tetrachloride
Concen: 5.214 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion:117 Resp: 15717

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.7	115.1#
121	0.0	25.4	38.2#

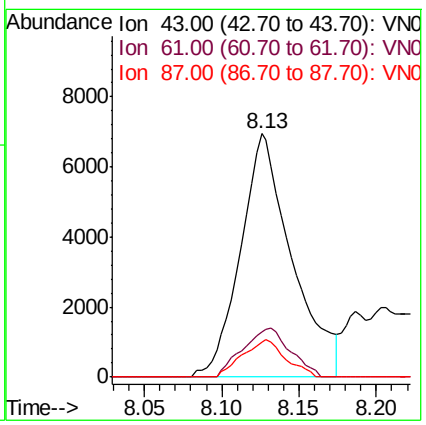


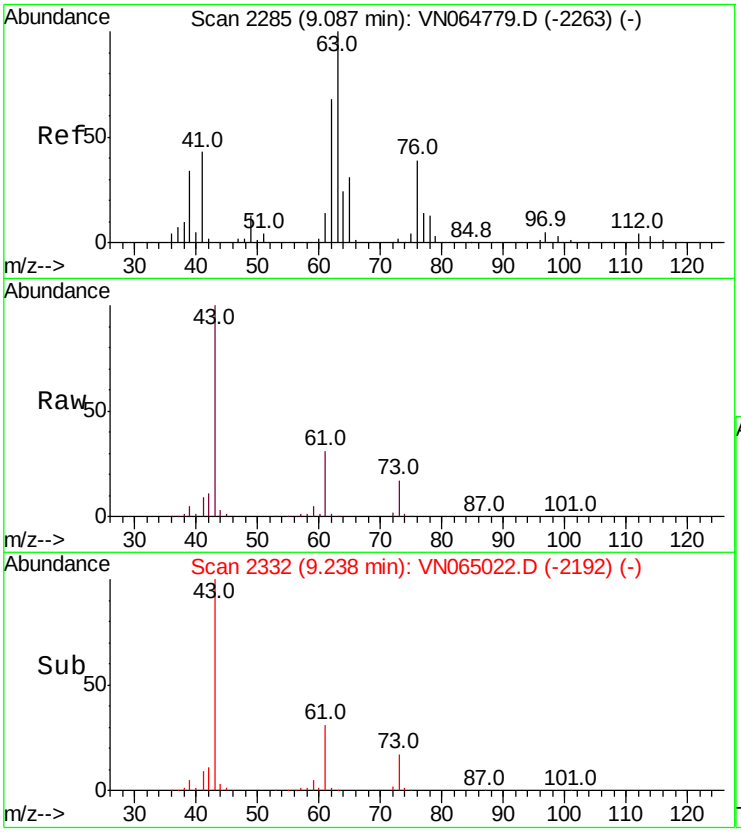


#43
Isopropyl Acetate
Concen: 3.582 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 43 Resp: 16087

Ion	Ratio	Lower	Upper
43	100		
61	18.5	17.2	25.8
87	12.8	11.4	17.0



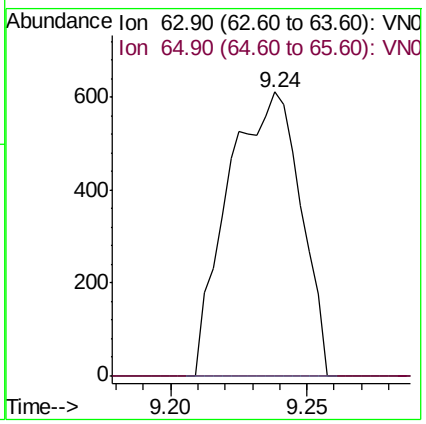


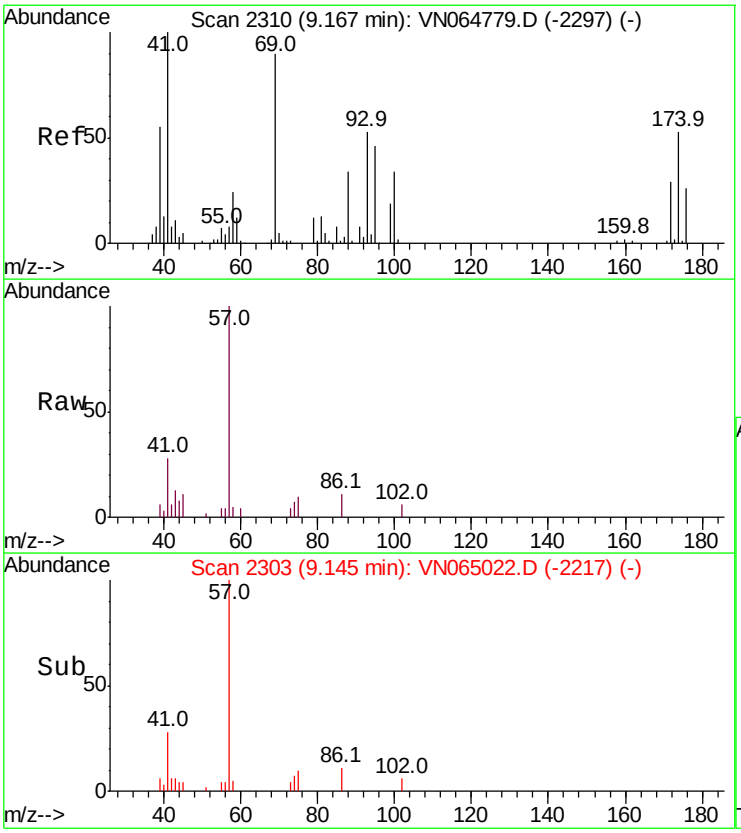
#45
1,2-Dichloropropane
Concen: 0.489 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Tgt Ion: 63 Resp: 1124

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

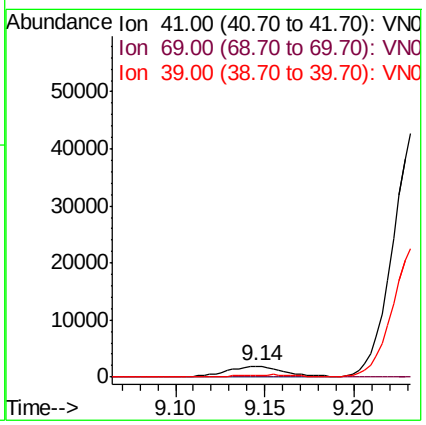


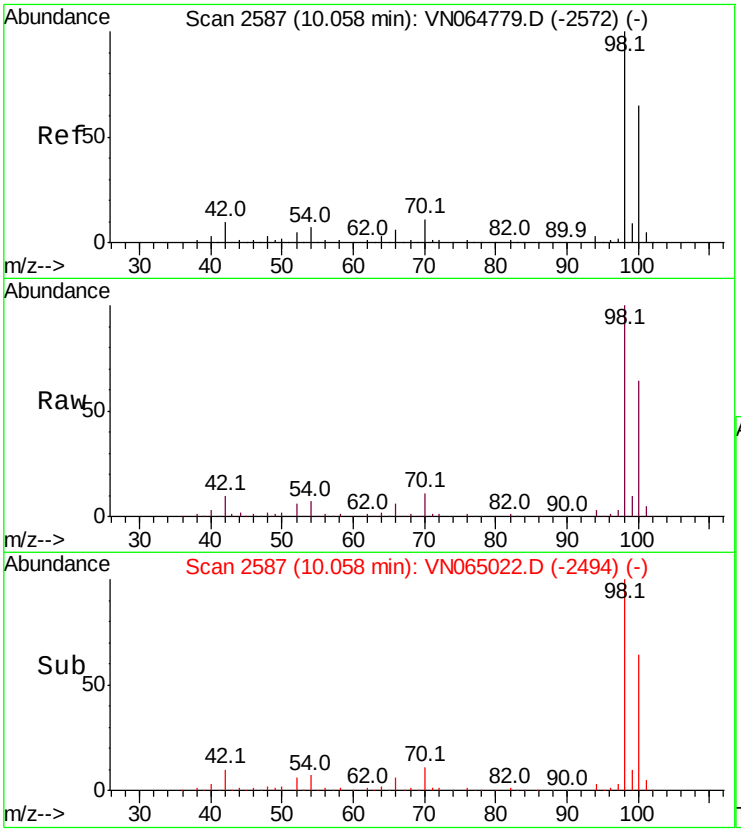


#48
Methyl methacrylate
Concen: 1.925 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 41 Resp: 4130

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.8	107.8#
39	0.0	44.1	66.1#



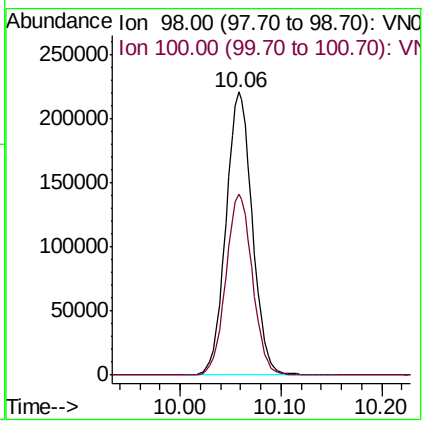


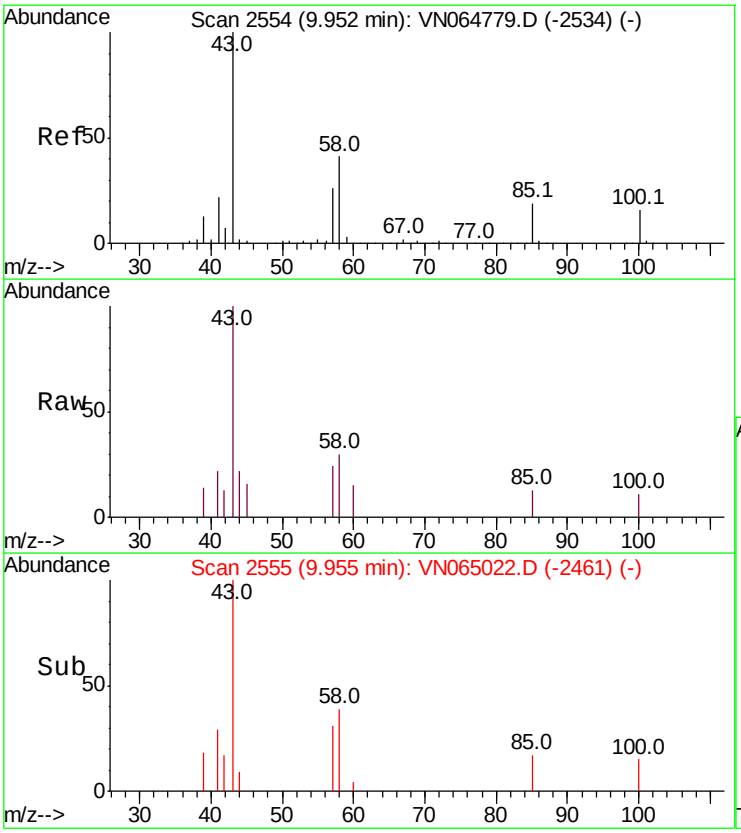
#50
Toluene-d8
Concen: 52.647 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Tgt Ion: 98 Resp: 402315

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5

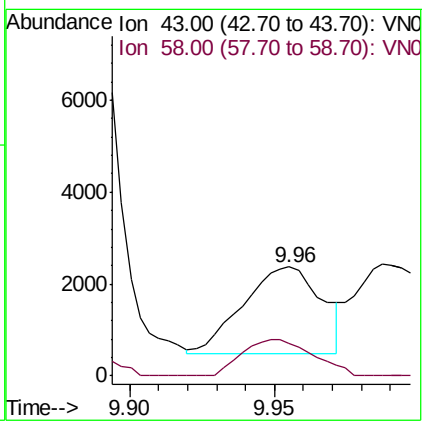


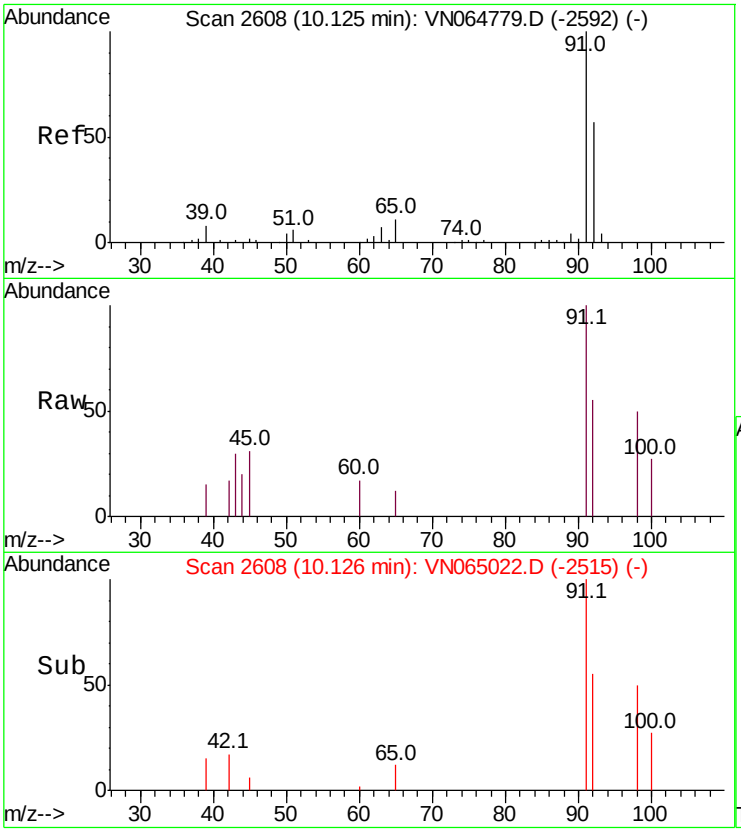


#51
4-Methyl-2-Pentanone
Concen: 1.318 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 43 Resp: 3552

Ion	Ratio	Lower	Upper
43	100		
58	38.1	32.4	48.6



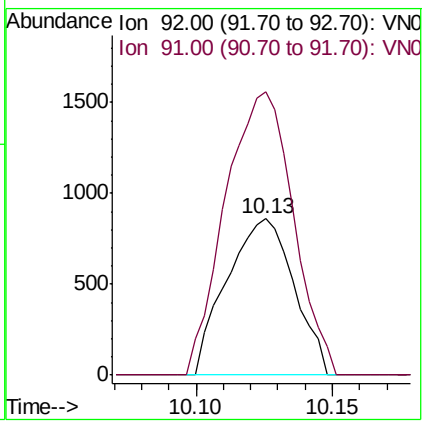


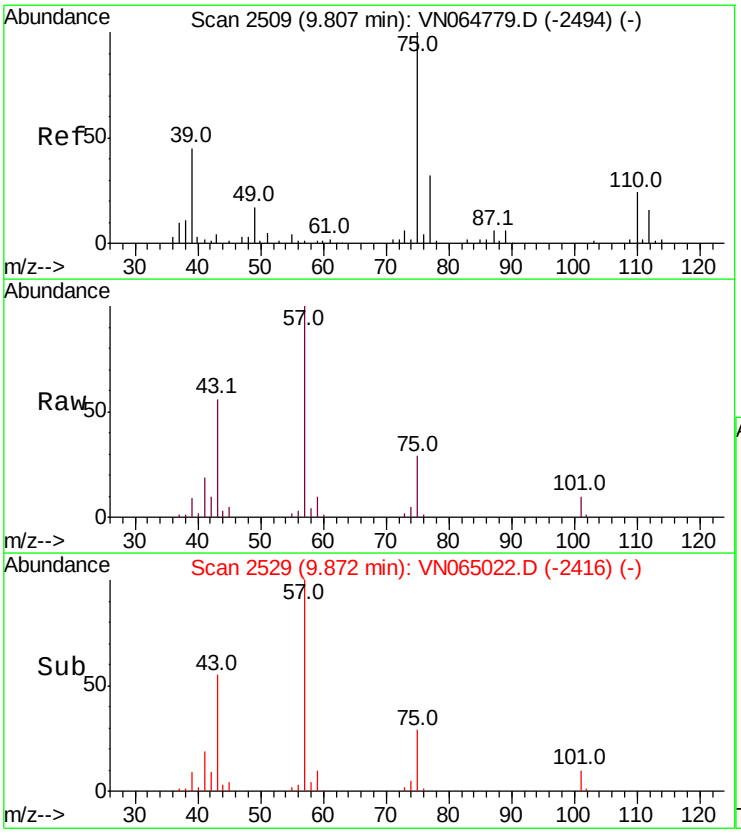
#52
Toluene
Concen: 0.269 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument : MSVOA_N
ClientSampleId : PB133472ZHE#03

Tgt Ion: 92 Resp: 1468

Ion	Ratio	Lower	Upper
92	100		
91	183.2	139.1	208.7

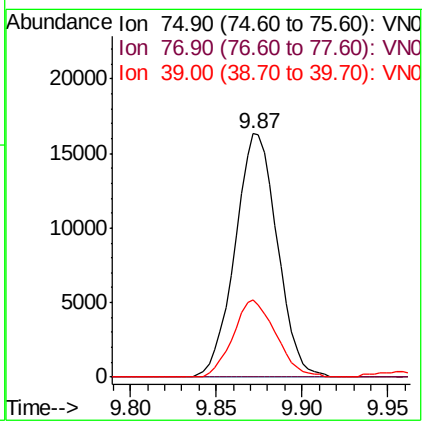


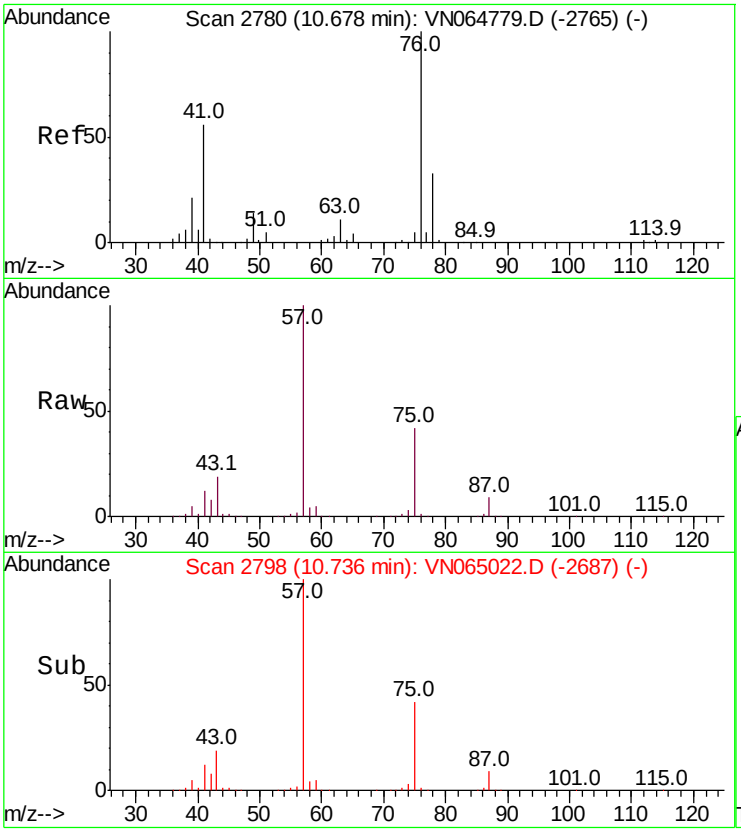


#54
cis-1,3-Dichloropropene
Concen: 7.556 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 75 Resp: 27878

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	31.7	35.6	53.4#



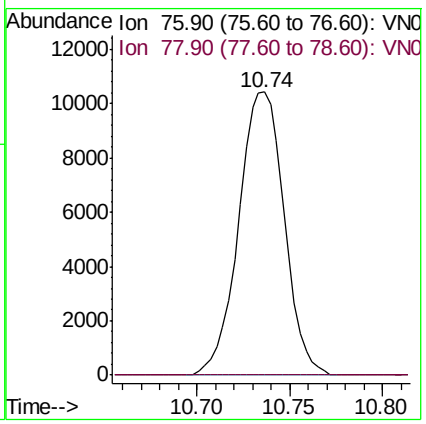


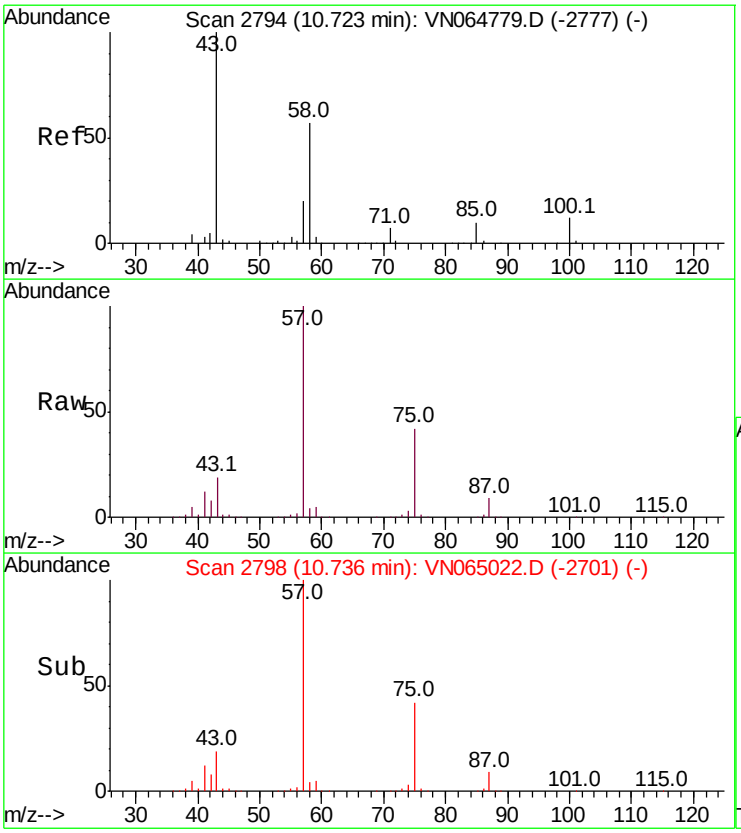
#57
1,3-Dichloropropane
Concen: 4.777 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion: 76 Resp: 17715

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

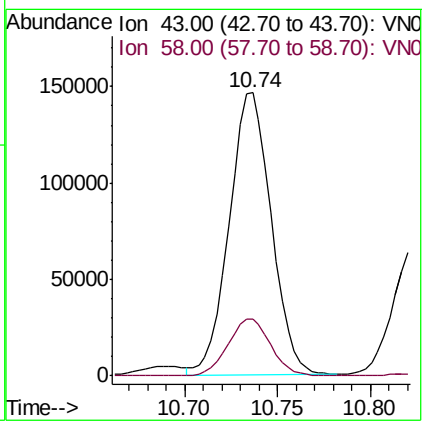


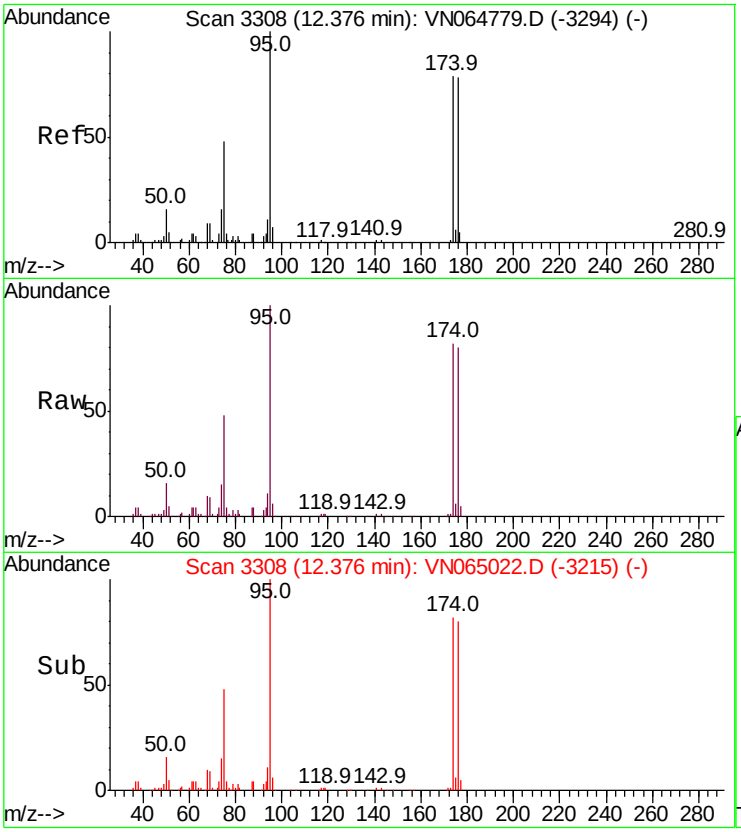


#59
2-Hexanone
Concen: 118.713 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 43 Resp: 230328

Ion	Ratio	Lower	Upper
43	100		
58	20.6	28.3	84.9#



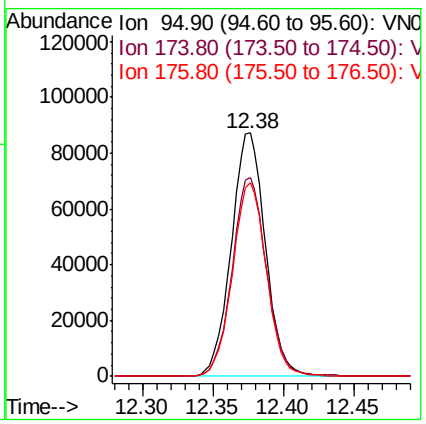


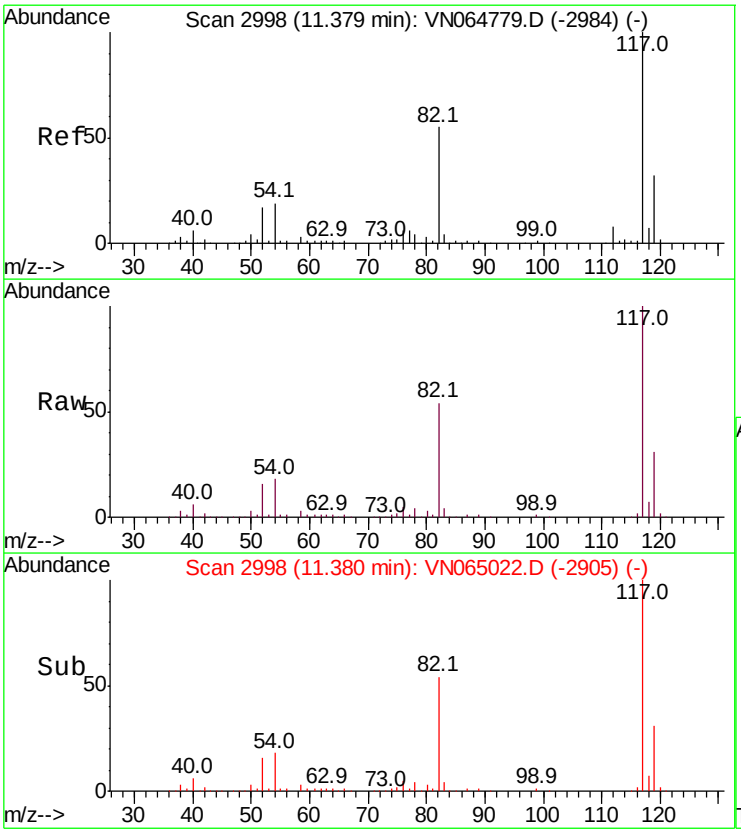
#62
4-Bromofluorobenzene
Concen: 54.095 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion: 95 Resp: 147940

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	160.4
176	79.2	0.0	158.4

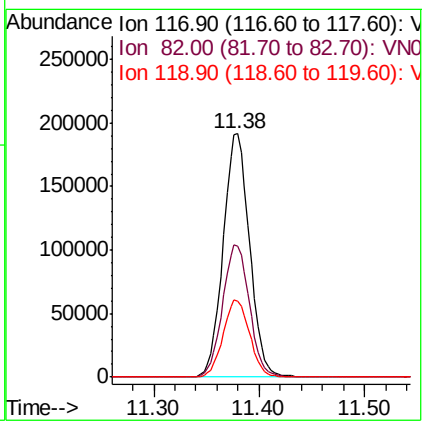


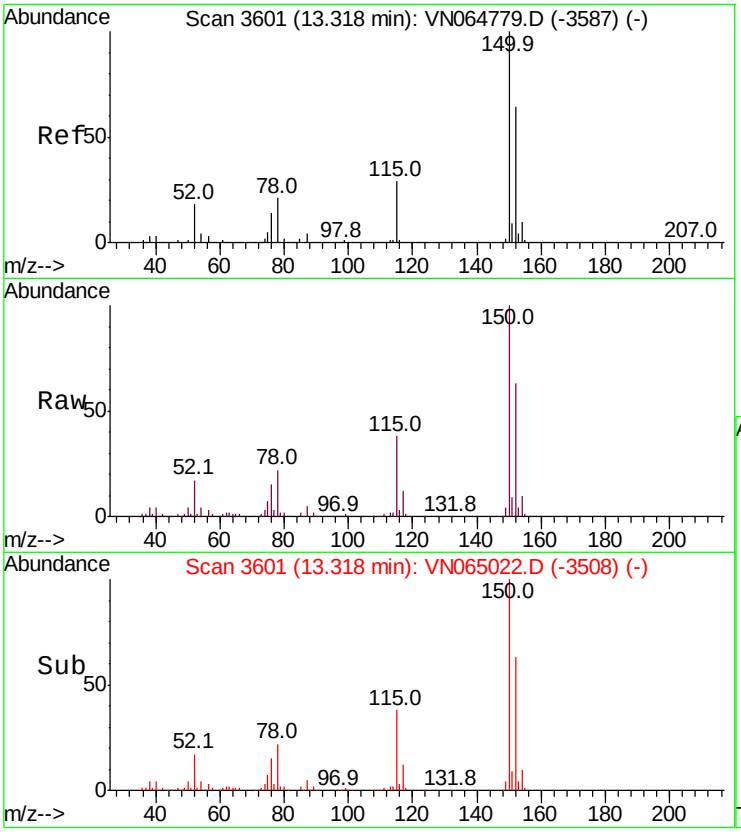


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion:117 Resp: 331228

Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	31.5	25.8	38.6



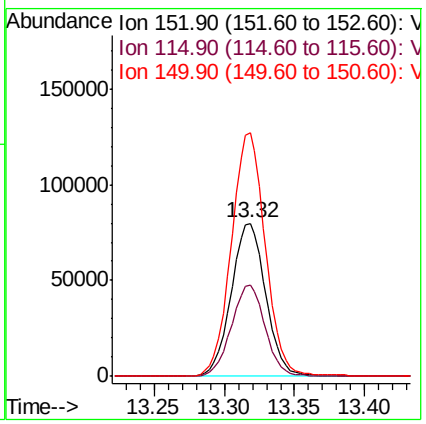


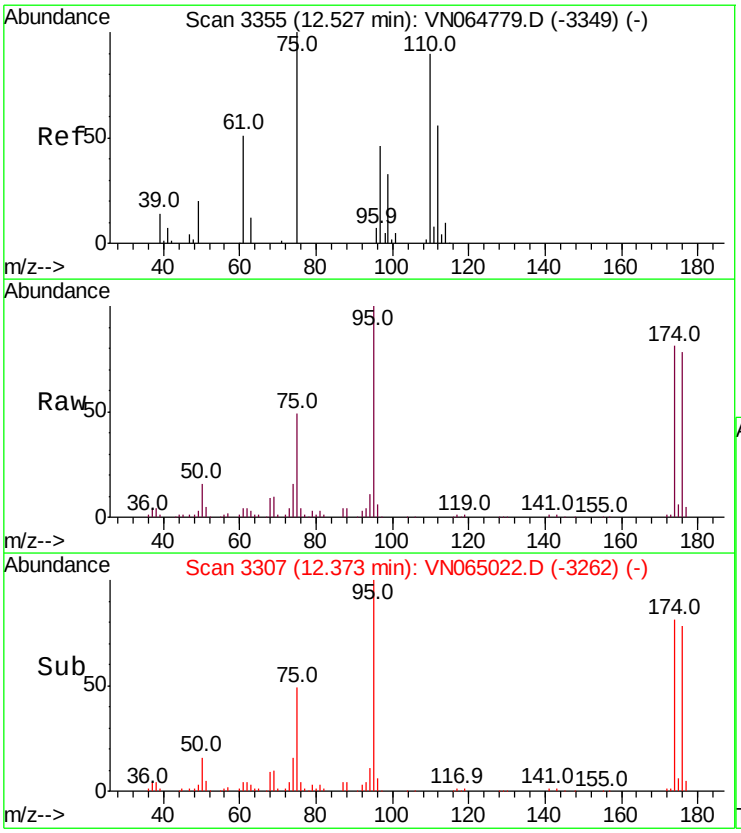
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion:152 Resp: 136758

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.7	89.1
150	157.0	0.0	350.6

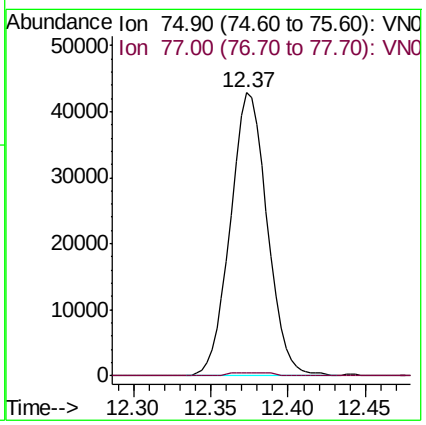


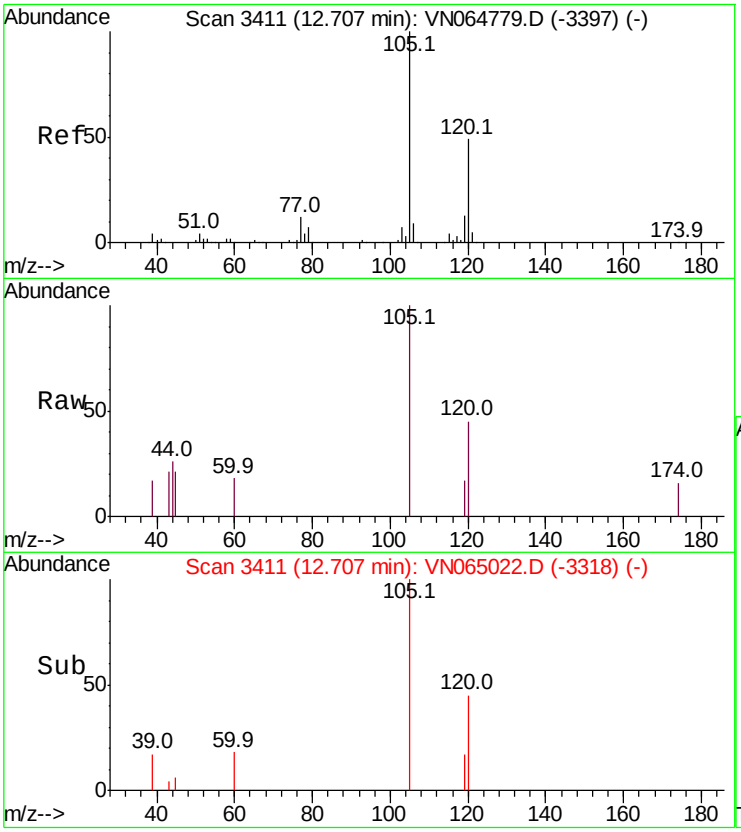


#76
1,2,3-Trichloropropane
Concen: 24.114 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 75 Resp: 71020

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#



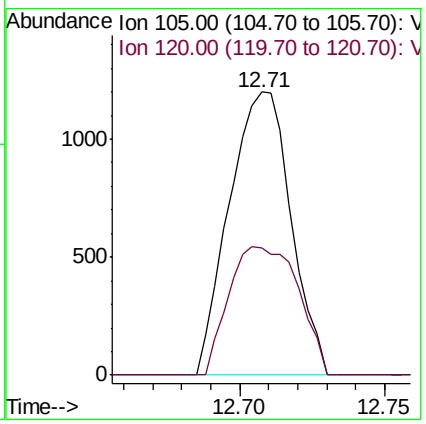


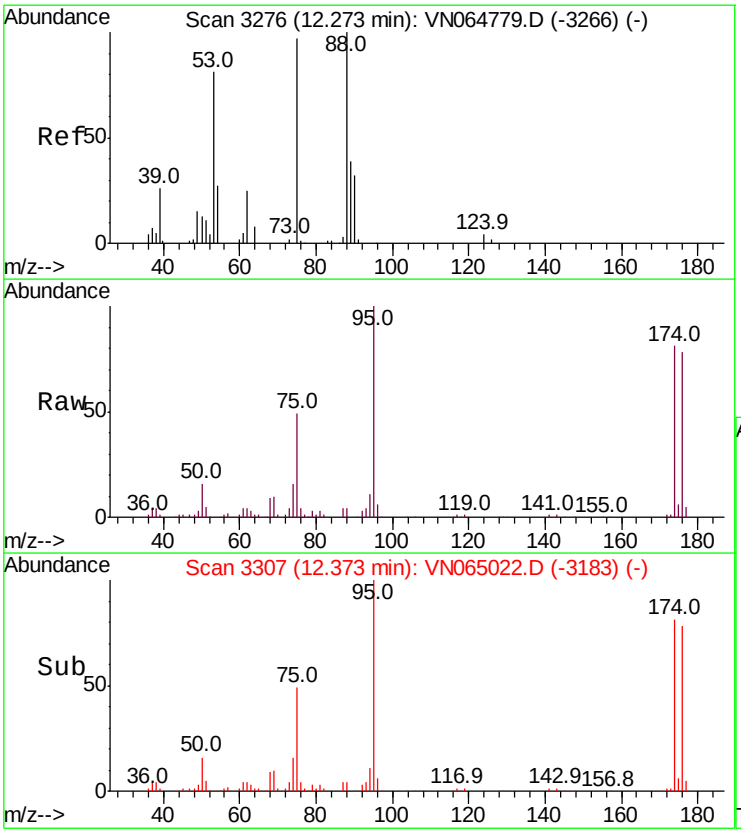
#80
1,3,5-Trimethylbenzene
Concen: 0.224 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#03

Tgt Ion:105 Resp: 1771

Ion	Ratio	Lower	Upper
105	100		
120	51.2	24.6	73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 66.090 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN065022.D
Acq: 9 Dec 2020 15:50

Tgt Ion: 75 Resp: 71020

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#