Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111920\
Data File : VN064753.D
Acq On : 20 Nov 2020 00:49
Operator : JC/MD
Sample : VN1119WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Quant Time: Dec 03 05:19:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 00:39:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	194686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	200449	58.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.06%			
35) Dibromofluoromethane	7.55	113	139865	59.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 119.28%			
50) Toluene-d8	10.06	98	529184	49.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.30%			
62) 4-Bromofluorobenzene	12.37	95	205407	51.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.12%			
Target Compounds						Qvalue
13) Acrolein	3.56	56	109	1.401	ug/l #	11
15) Acrylonitrile	4.93	53	229	0.235	ug/l #	58
16) Acetone	3.78	43	1968	7.391	ug/l	97
17) Carbon Disulfide	4.01	76	1835	0.432	ug/l #	78
18) Methyl Acetate	4.27	43	173	1.401	ug/l #	54
20) Methylene Chloride	4.50	84	677	0.267	ug/l #	41
29) Tetrahydrofuran	7.16	42	254	0.287	ug/l #	63
31) Cyclohexane	7.62	56	6319	1.707	ug/l #	48
36) 1,1-Dichloropropene	7.62	75	19332	4.561	ug/l #	48
38) Carbon Tetrachloride	7.62	117	24534	5.446	ug/l #	17
51) 4-Methyl-2-Pentanone	9.96	43	542	6.257	ug/l #	73
58) 2-Chloroethyl Vinyl ether	9.66	63	265	13.368	ug/l #	49
59) 2-Hexanone	10.72	43	1253	8.836	ug/l	81
68) m/p-Xylenes	11.59	106	324	4.109	ug/l #	1
70) Styrene	11.94	104	728	2.600	ug/l #	63
76) 1,2,3-Trichloropropane	12.37	75	117232	30.798	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	117232	78.469	ug/l #	5
89) n-Butylbenzene	13.59	91	2692	0.292	ug/l	85
93) 1,2,4-Trichlorobenzene	14.88	180	1443	1.790	ug/l	76
94) Hexachlorobutadiene	14.98	225	1344	0.589	ug/l	86
95) Naphthalene	15.11	128	4355	0.439	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.28	180	1378	1.220	ug/l	90

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

Quantitation Report (Not Reviewed)

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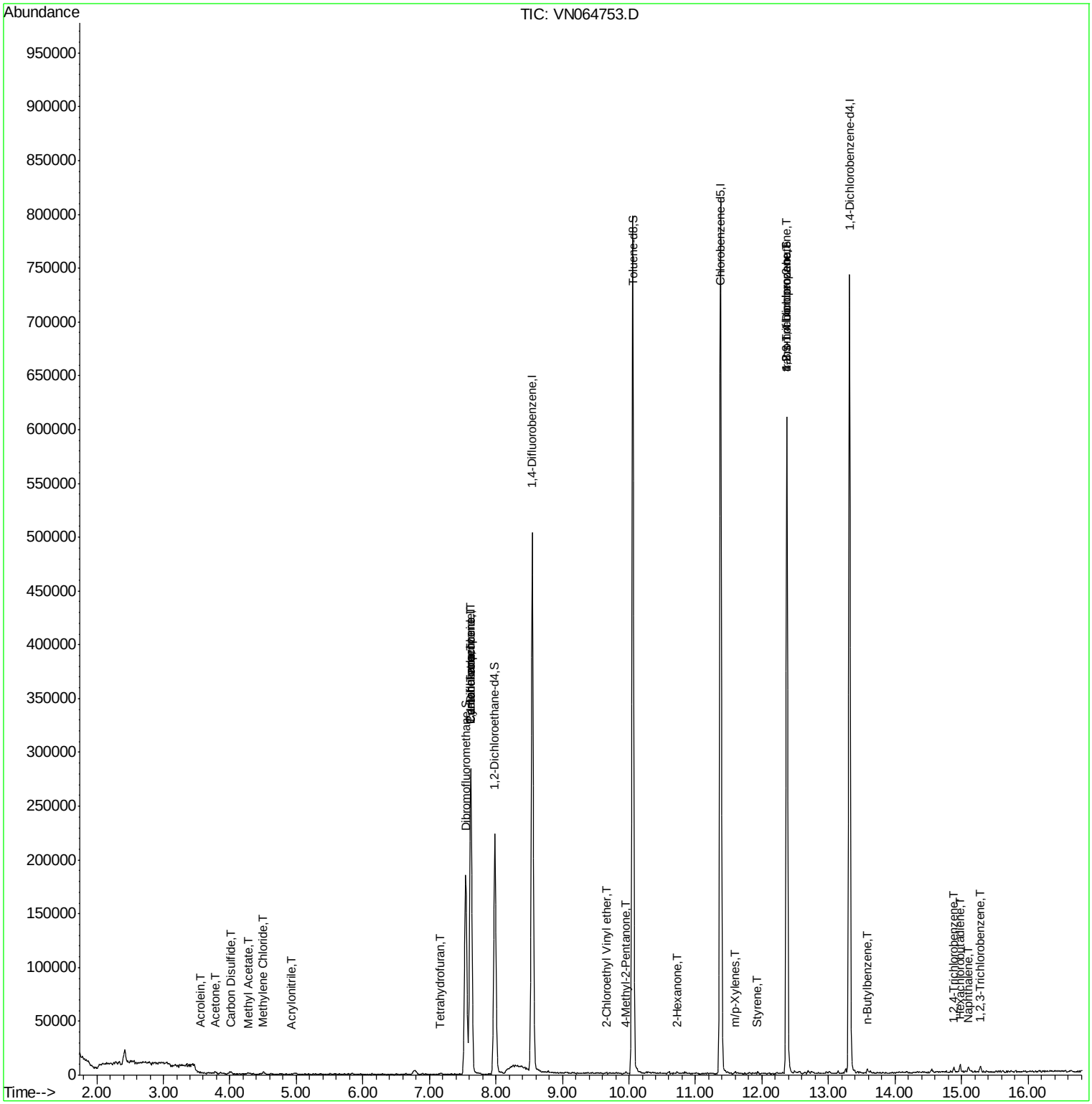
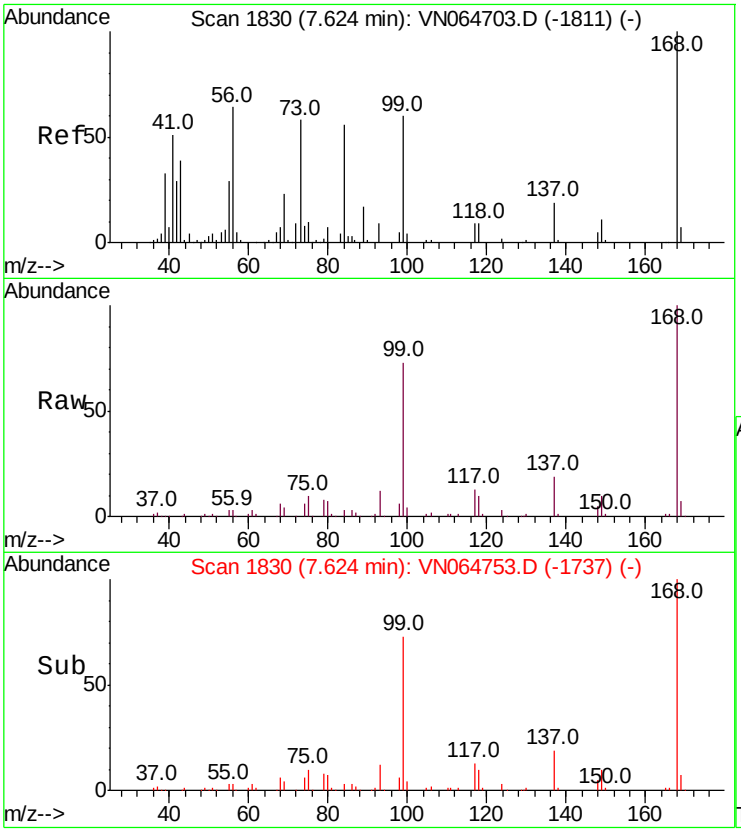
Data File : VN064753.D
Acq On : 20 Nov 2020 00:49
Operator : JC/MD
Sample : VN1119WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Quant Time: Dec 03 05:19:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 00:39:10 2020
Response via : Initial Calibration



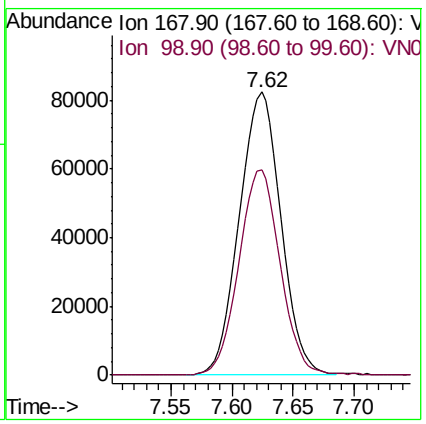


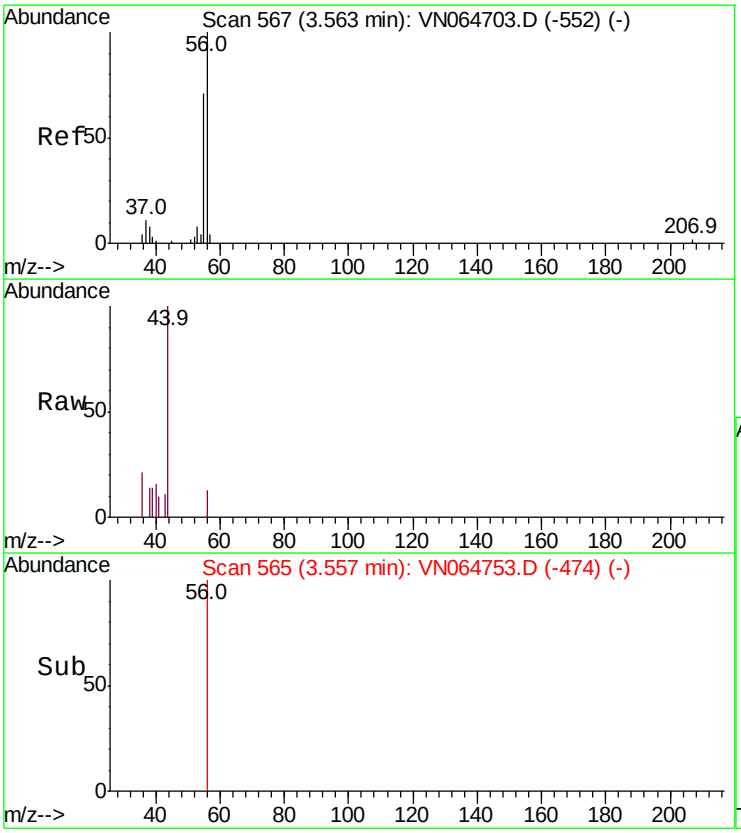
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Tgt Ion:168 Resp: 194686

Ion	Ratio	Lower	Upper
168	100		
99	72.5	55.7	83.5

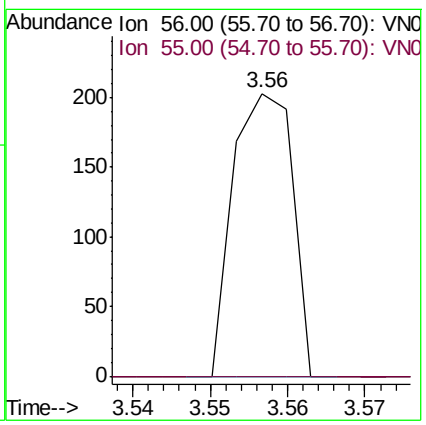


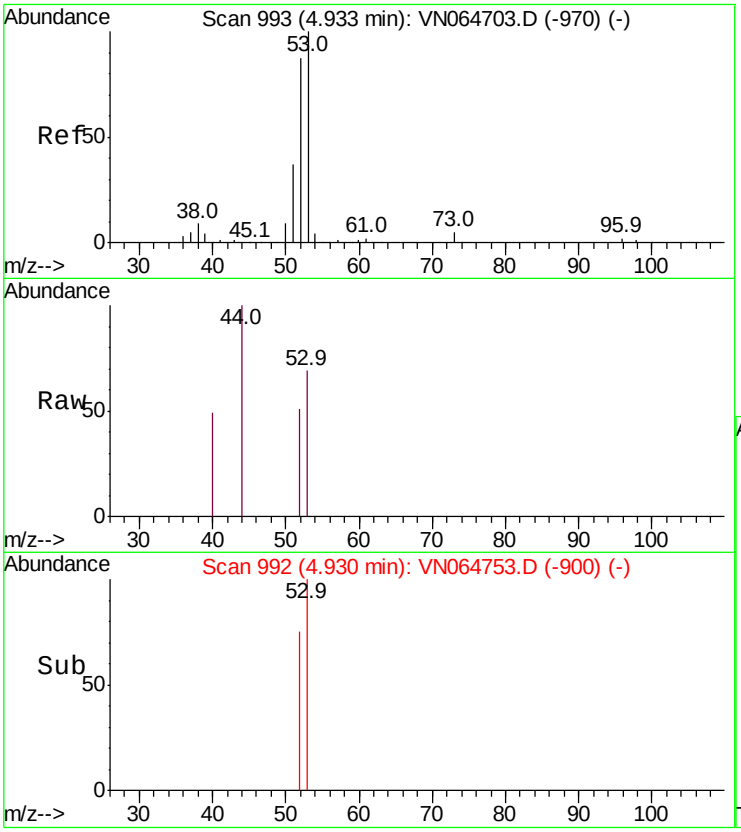


#13
Acrolein
Concen: 1.401 ug/l
RT: 3.56 min Scan# 565
Delta R.T. -0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	0.0	61.8	92.6#



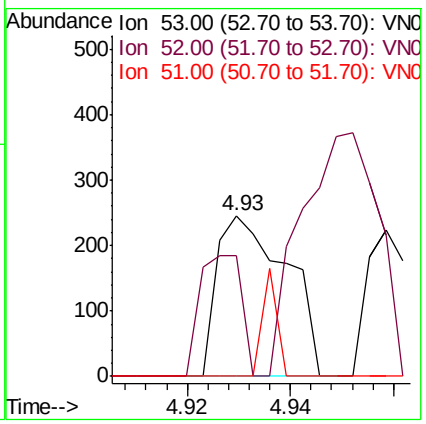


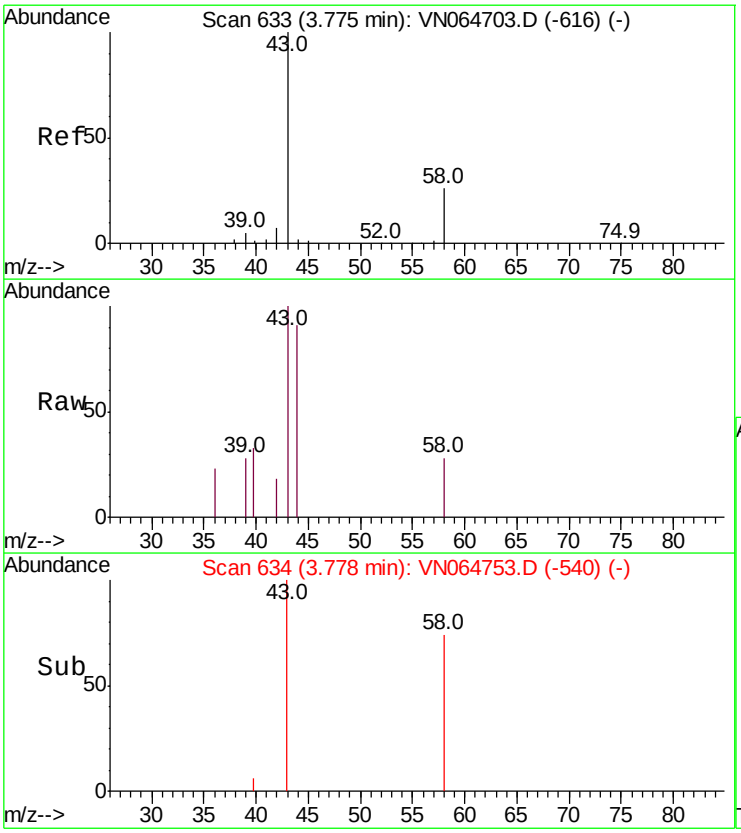
#15
Acrylonitrile
Concen: 0.235 ug/l
RT: 4.93 min Scan# 992
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 53 Resp: 229

Ion	Ratio	Lower	Upper
53	100		
52	45.0	67.2	100.8#
51	14.0	31.0	46.6#

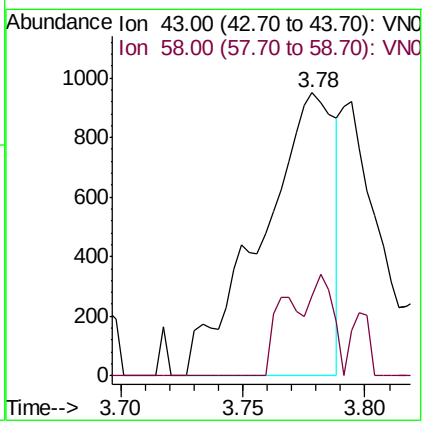


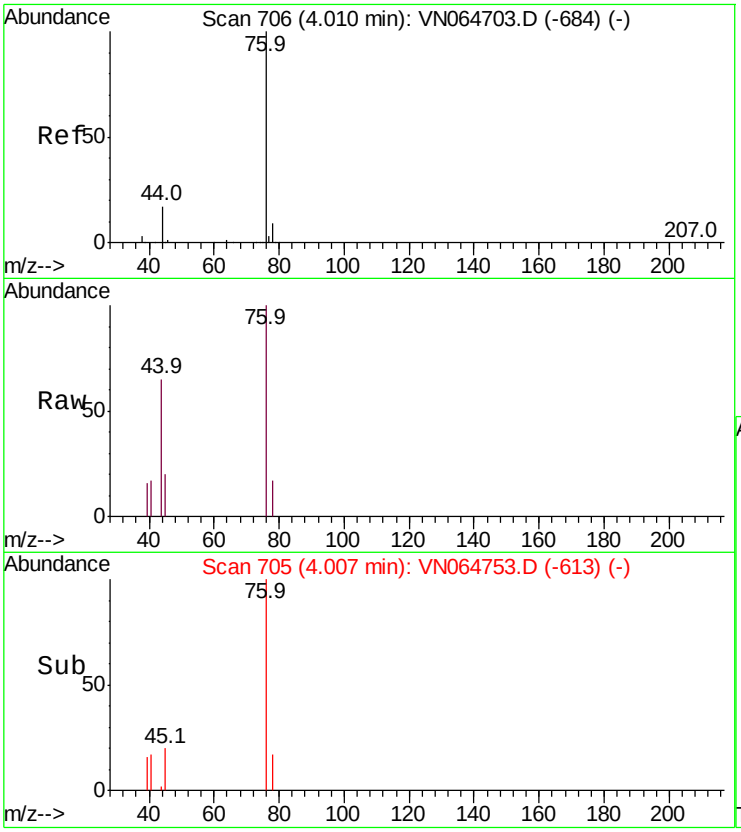


#16
Acetone
Concen: 7.391 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 43 Resp: 1968

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.2	31.8



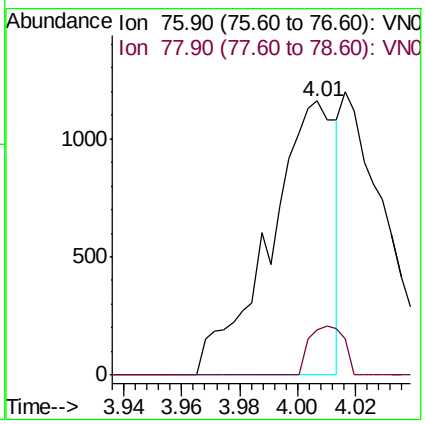


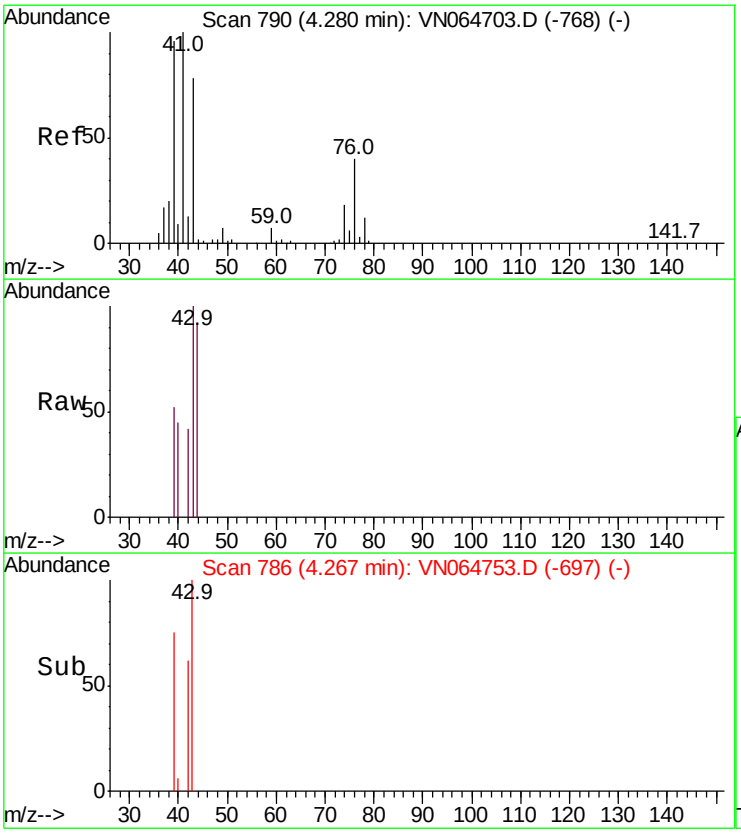
#17
Carbon Disulfide
Concen: 0.432 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Tgt Ion: 76 Resp: 1835

Ion	Ratio	Lower	Upper
76	100		
78	16.7	7.1	10.7#

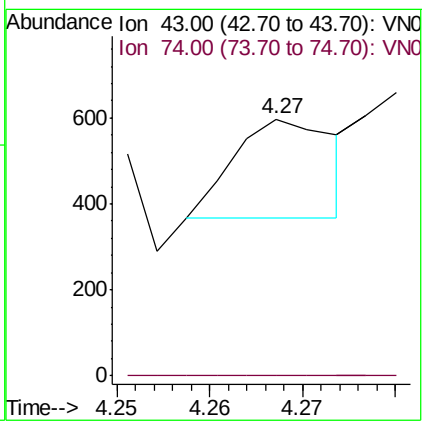


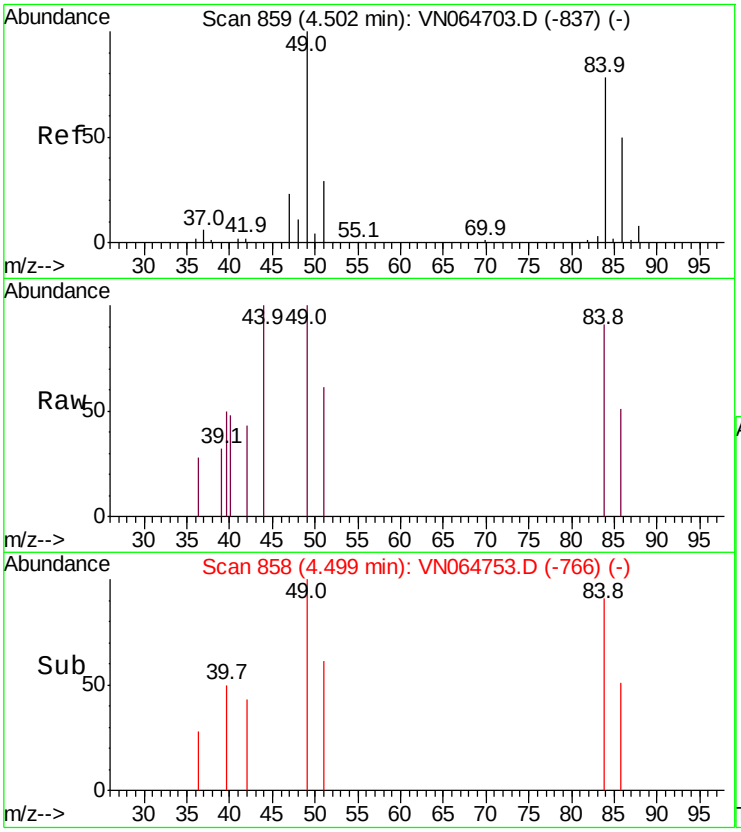


#18
Methyl Acetate
Concen: 1.401 ug/l
RT: 4.27 min Scan# 786
Delta R.T. -0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 43 Resp: 173

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.6	26.4#



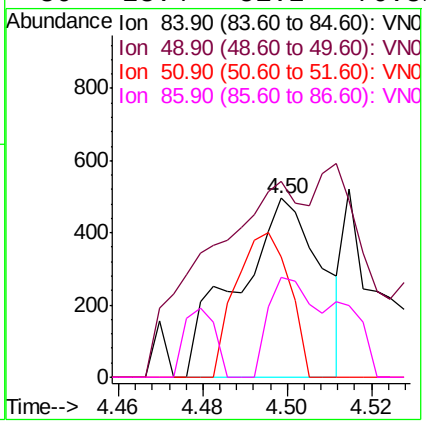


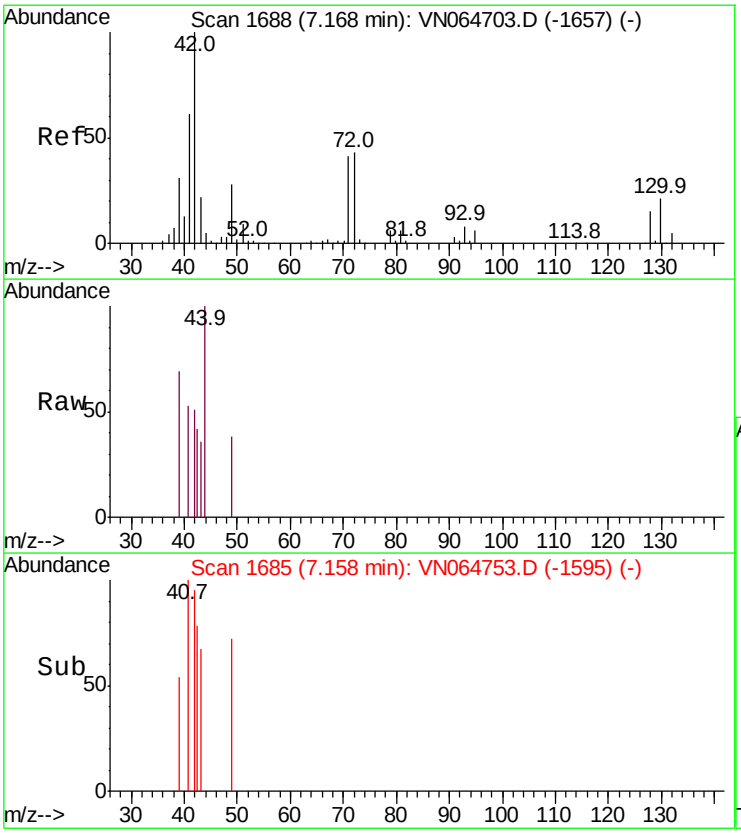
#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 84 Resp: 677

Ion	Ratio	Lower	Upper
84	100		
49	52.5	102.4	153.6#
51	67.3	29.4	44.2#
86	23.4	51.2	76.8#

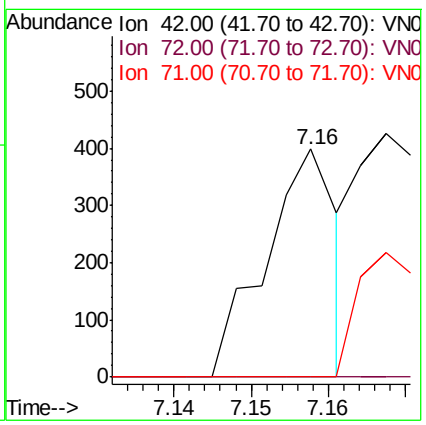


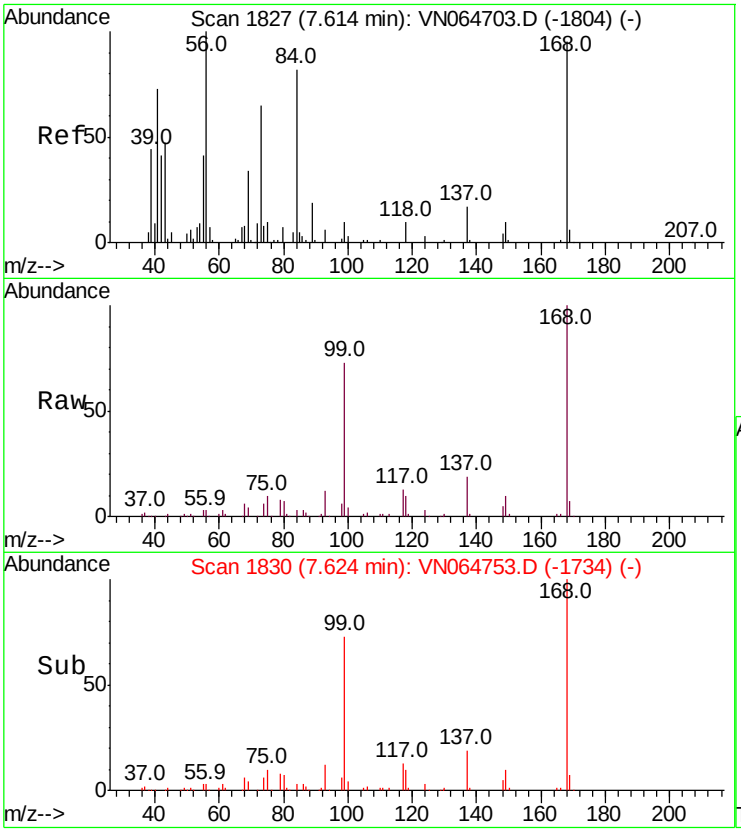


#29
Tetrahydrofuran
Concen: 0.287 ug/l
RT: 7.16 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 42 Resp: 254

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.0	49.4#
71	43.7	31.8	47.6



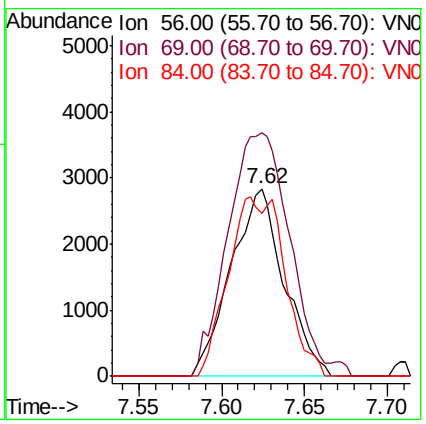


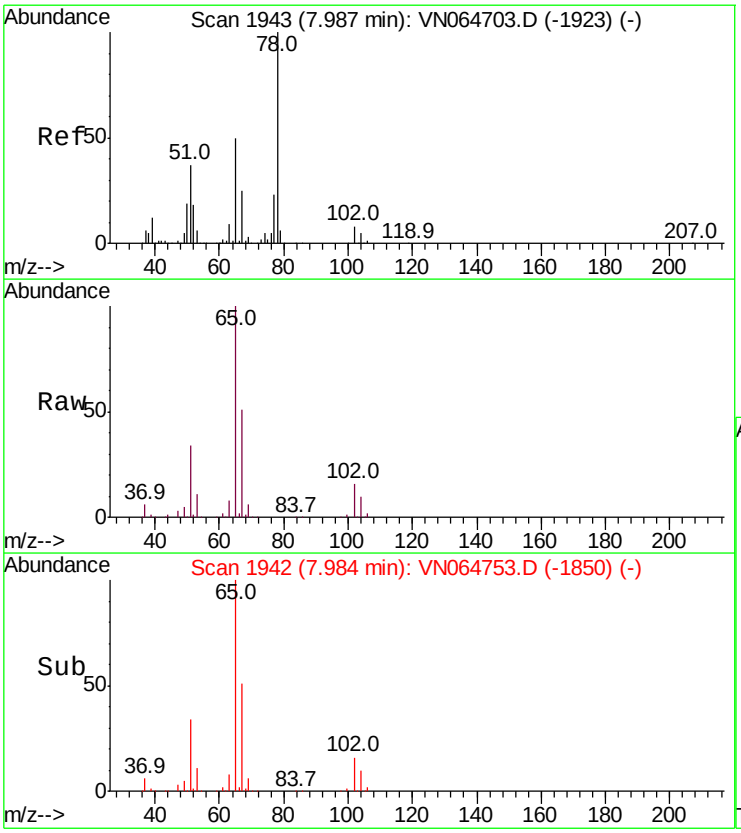
#31
Cyclohexane
Concen: 1.707 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 56 Resp: 6319

Ion	Ratio	Lower	Upper
56	100		
69	129.6	27.2	40.8#
84	86.8	65.9	98.9

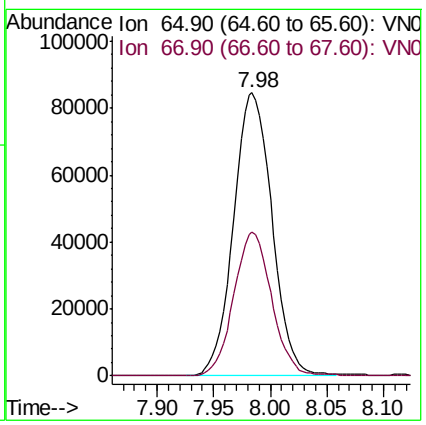


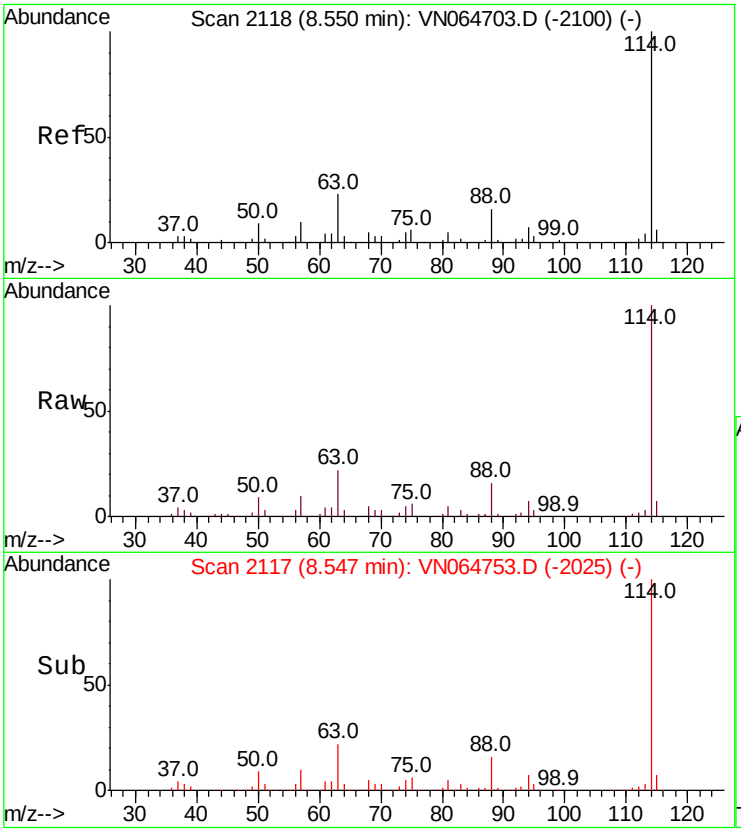


#33
1,2-Dichloroethane-d4
Concen: 58.528 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 65 Resp: 200449

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8



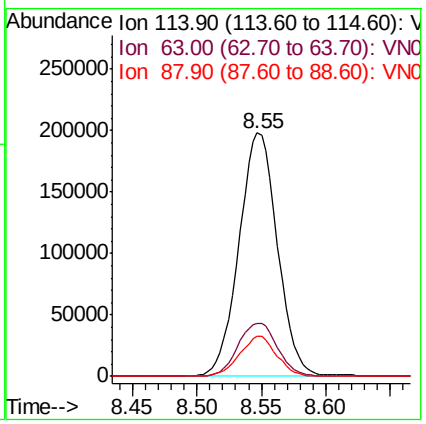


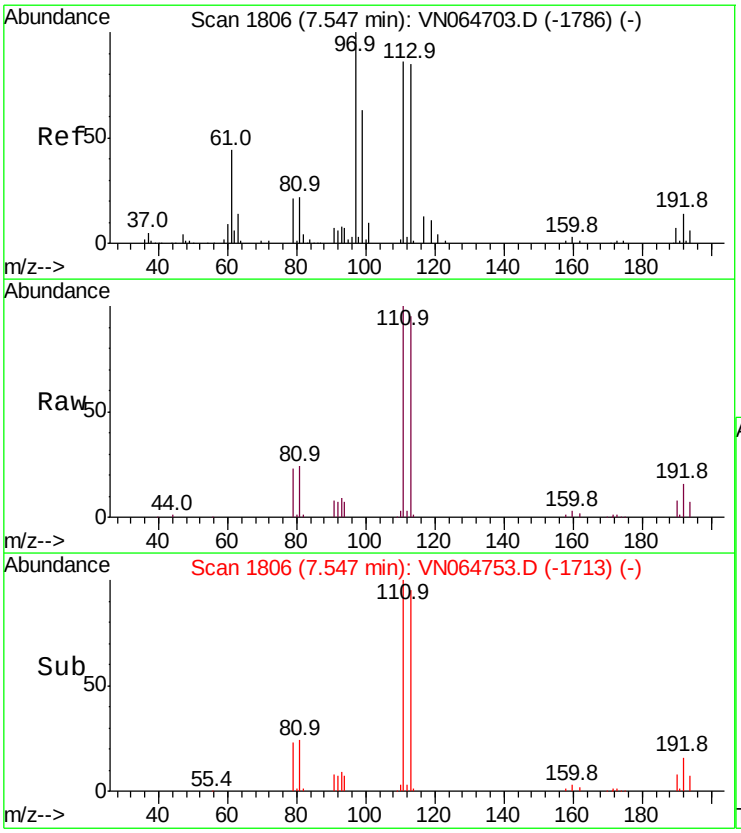
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion:114 Resp: 411997

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.0
88	16.5	0.0	31.2

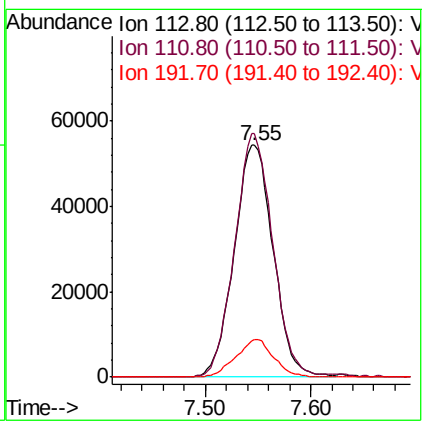


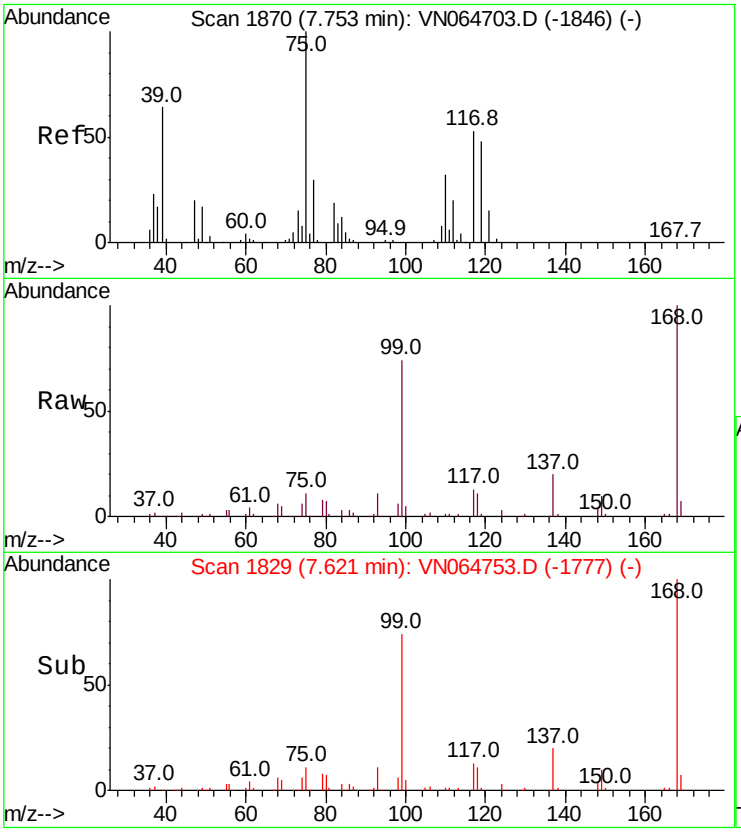


#35
Dibromofluoromethane
Concen: 59.645 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:113 Resp: 139865

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	15.7	12.7	19.1



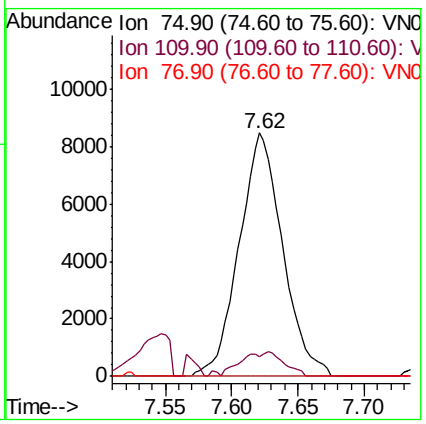


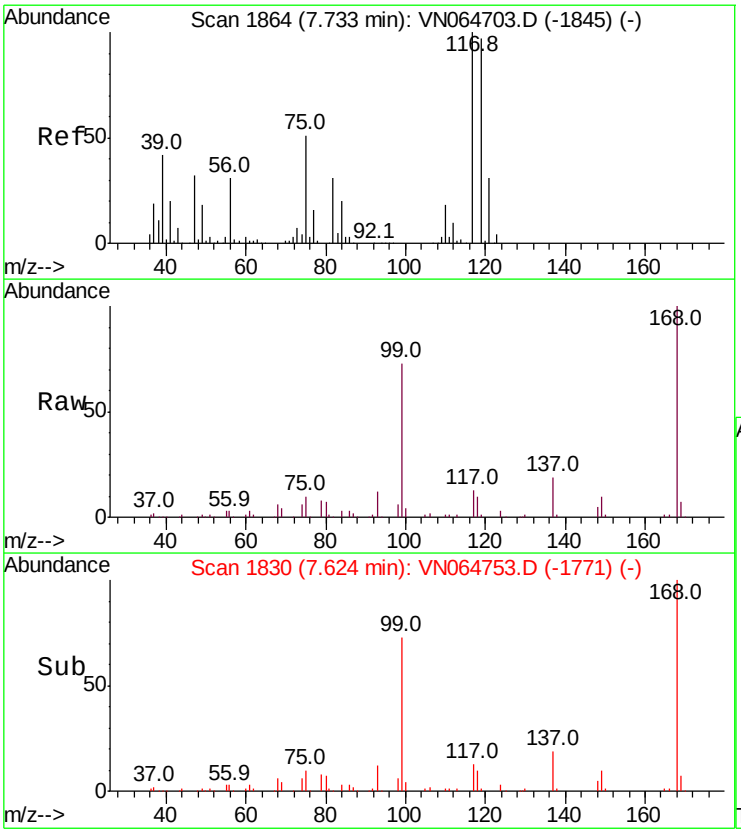
#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Tgt Ion: 75 Resp: 19332

Ion	Ratio	Lower	Upper
75	100		
110	4.9	16.2	48.6#
77	0.0	24.4	36.6#

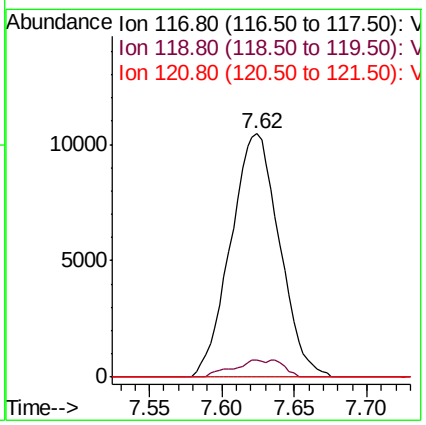


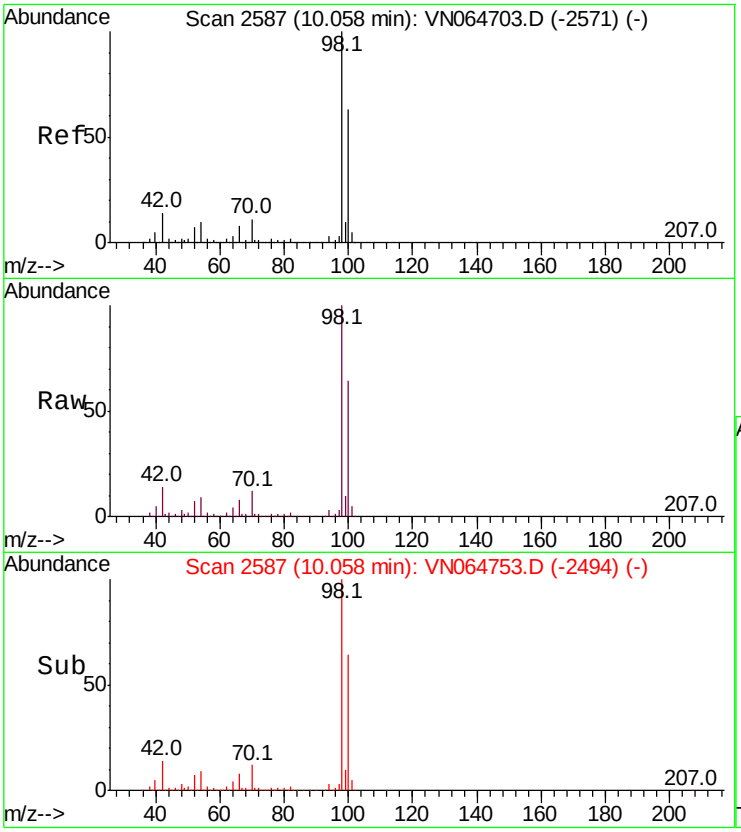


#38
Carbon Tetrachloride
Concen: 5.446 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:117 Resp: 24534

Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.8	116.6#
121	0.0	24.9	37.3#



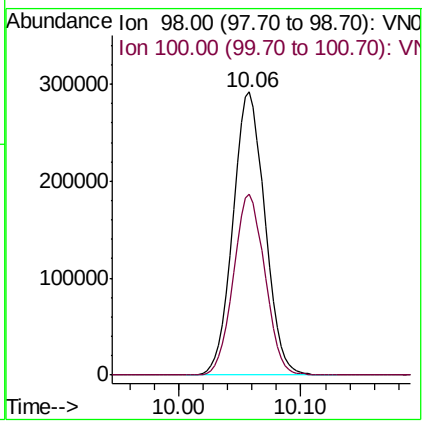


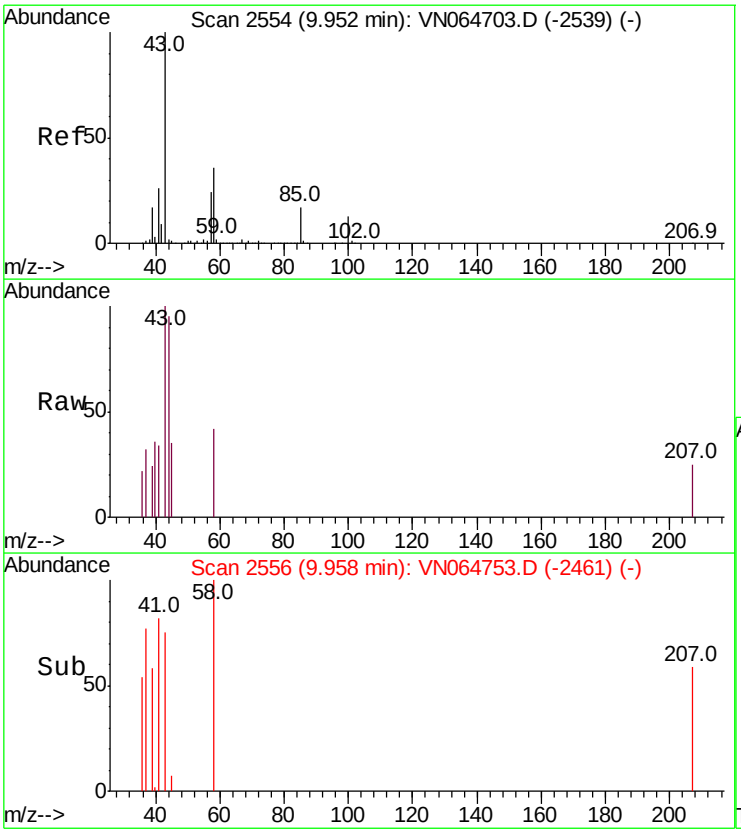
#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 98 Resp: 529184

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.4	75.6

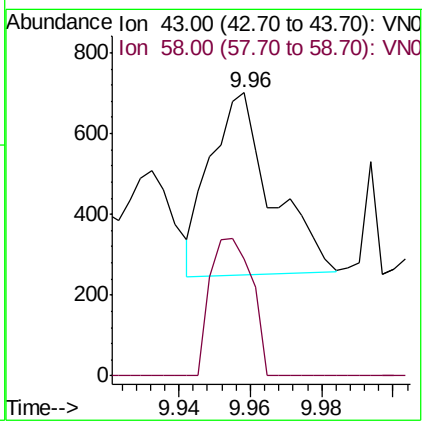


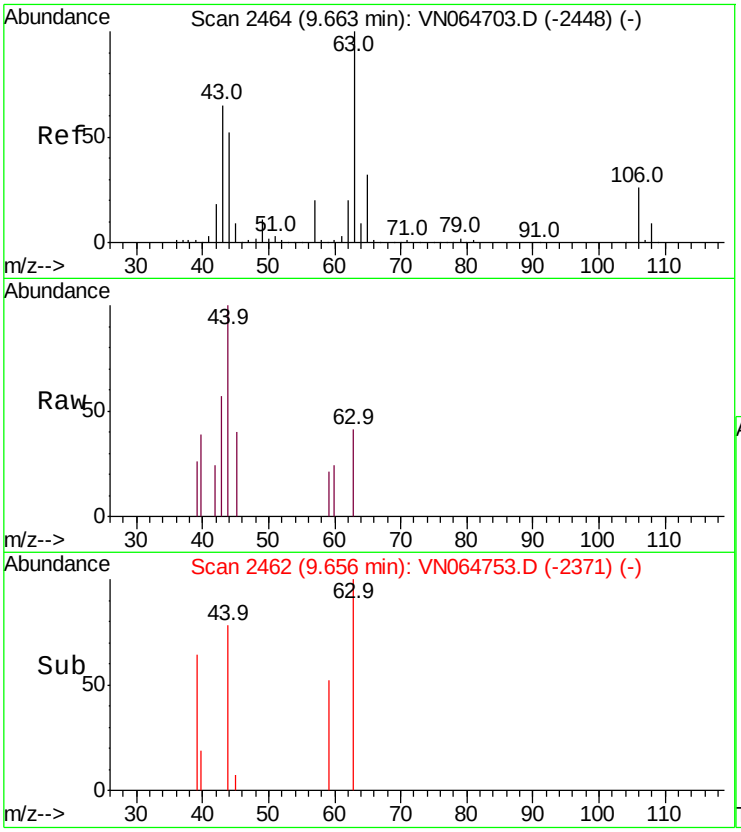


#51
4-Methyl-2-Pentanone
Concen: 6.257 ug/l
RT: 9.96 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 43 Resp: 542

Ion	Ratio	Lower	Upper
43	100		
58	51.1	28.5	42.7#



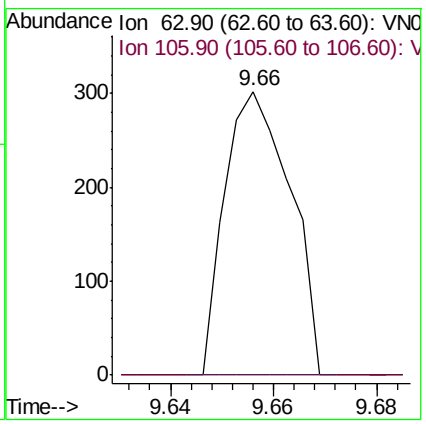


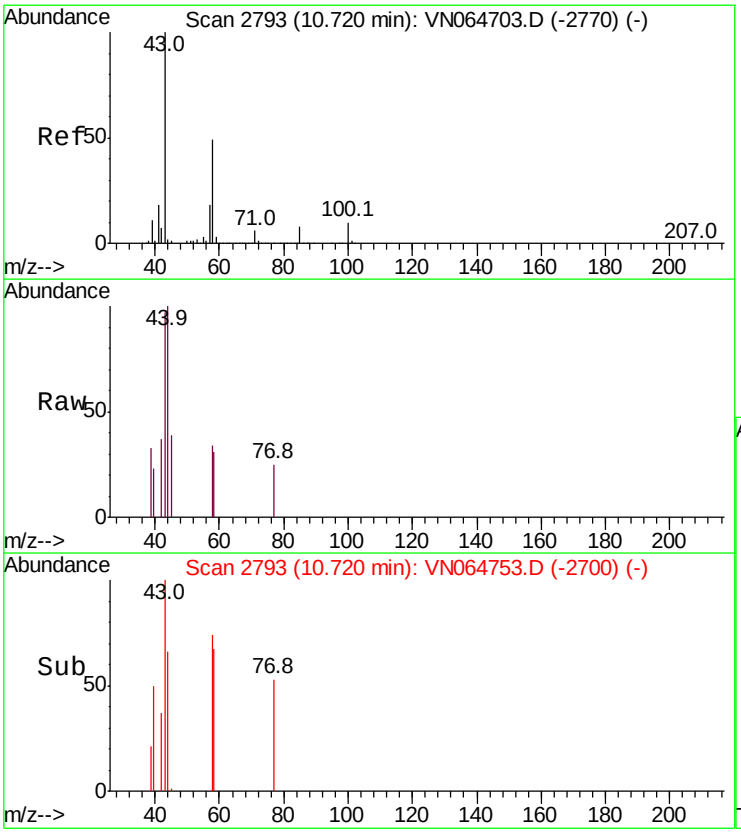
#58
2-Chloroethyl Vinyl ether
Concen: 13.368 ug/l
RT: 9.66 min Scan# 2462
Delta R.T. -0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 63 Resp: 265

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.9	31.3#

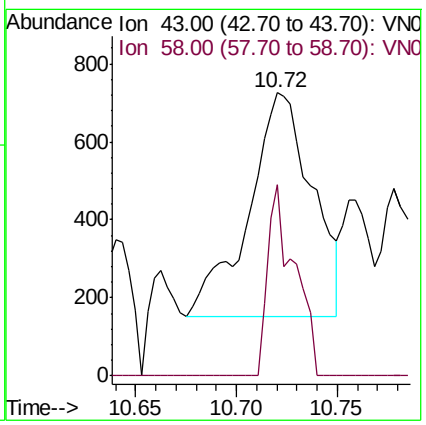


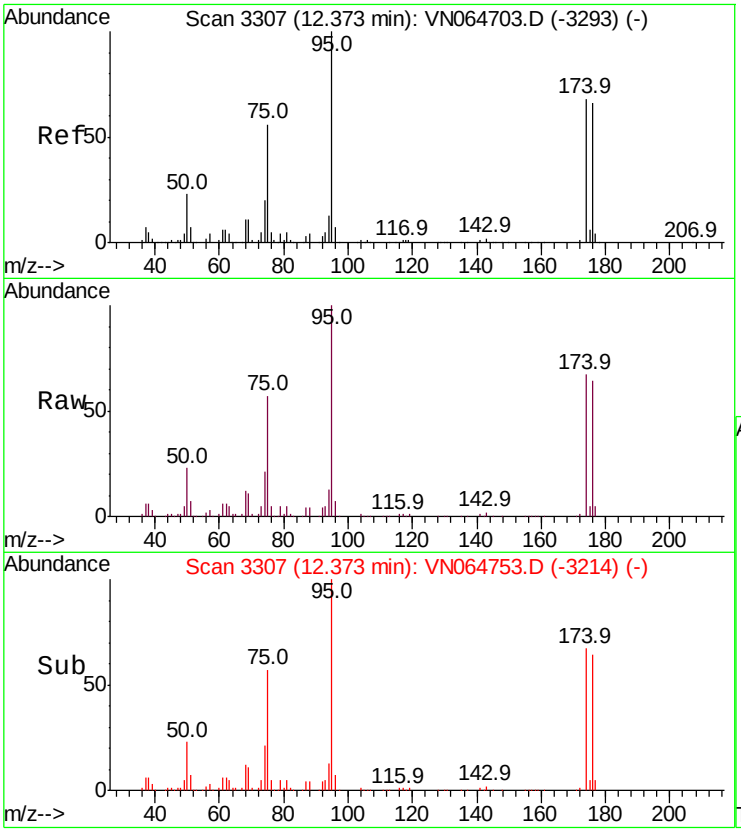


#59
2-Hexanone
Concen: 8.836 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 43 Resp: 1253

Ion	Ratio	Lower	Upper
43	100		
58	36.0	24.4	73.4



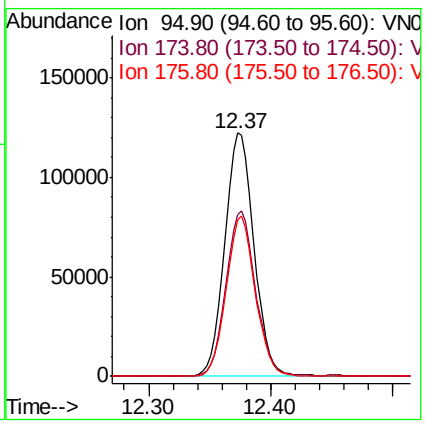


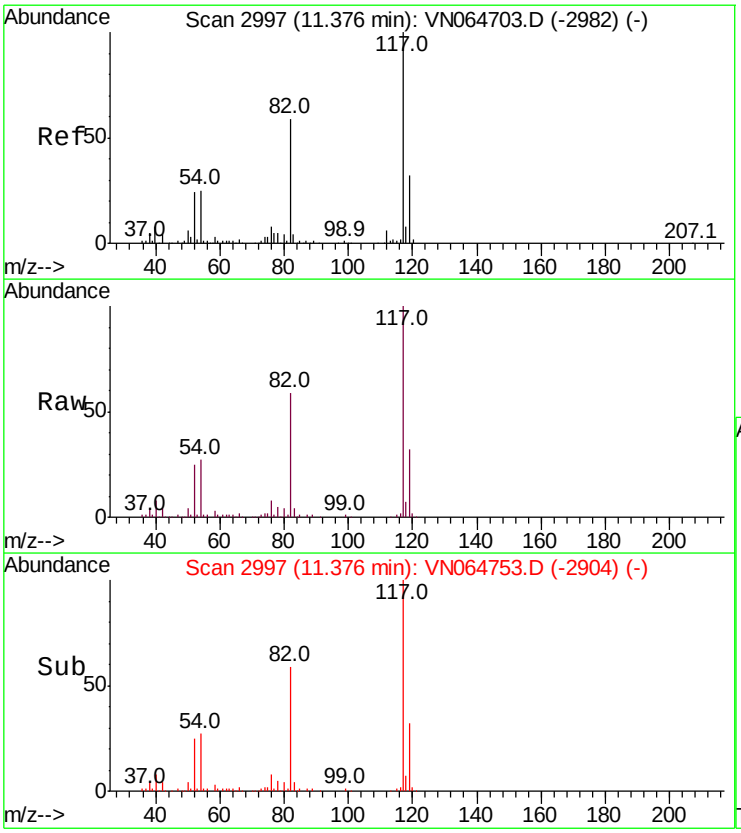
#62
4-Bromofluorobenzene
Concen: 51.564 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion: 95 Resp: 205407

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	136.8
176	65.2	0.0	134.2

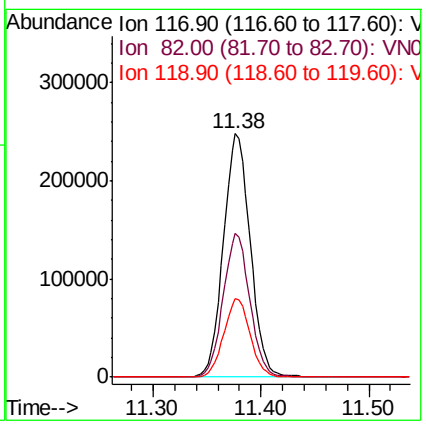


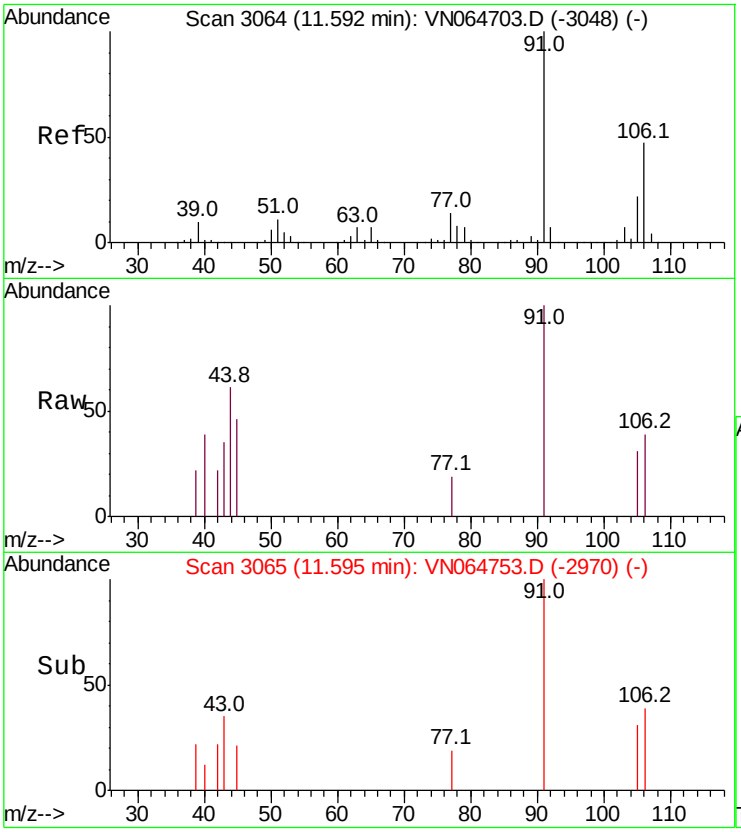


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:117 Resp: 430275

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.6
119	32.2	25.4	38.2



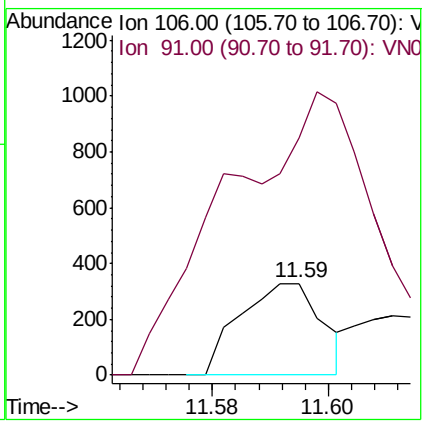


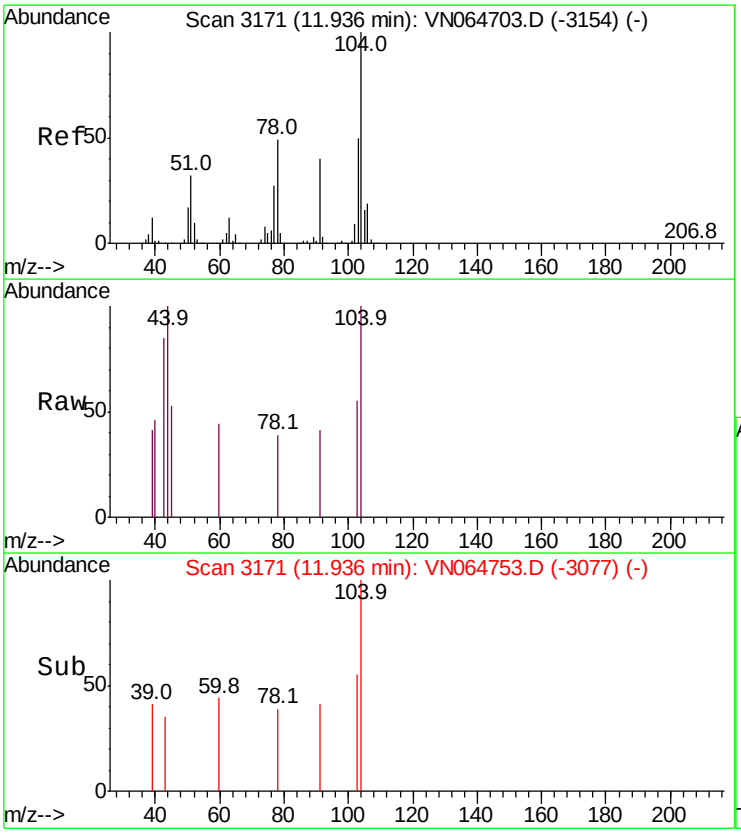
#68
m/p-Xylenes
Concen: 4.109 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion:106 Resp: 324

Ion	Ratio	Lower	Upper
106	100		
91	574.7	171.9	257.9#

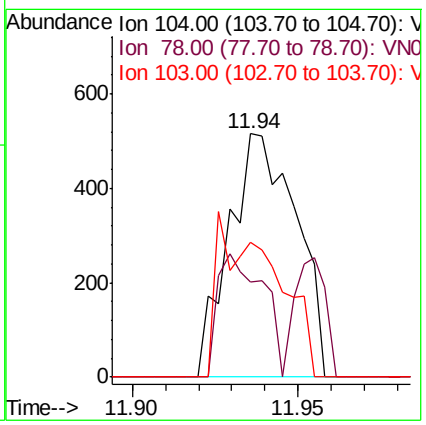


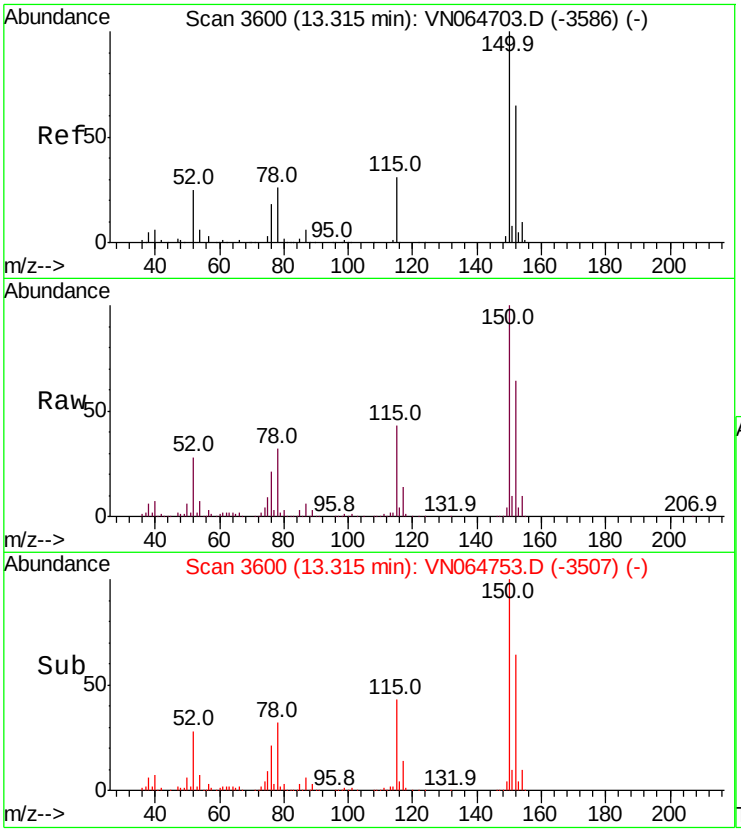


#70
Styrene
Concen: 2.600 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:104 Resp: 728

Ion	Ratio	Lower	Upper
104	100		
78	34.1	44.1	66.1#
103	22.0	43.7	65.5#



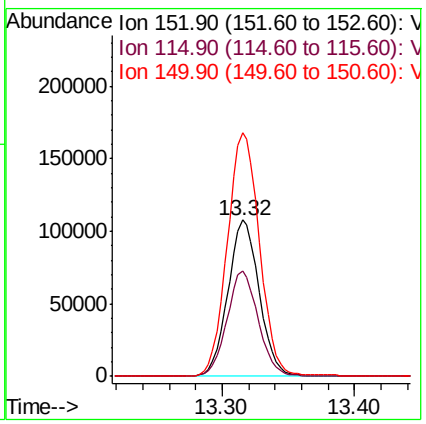


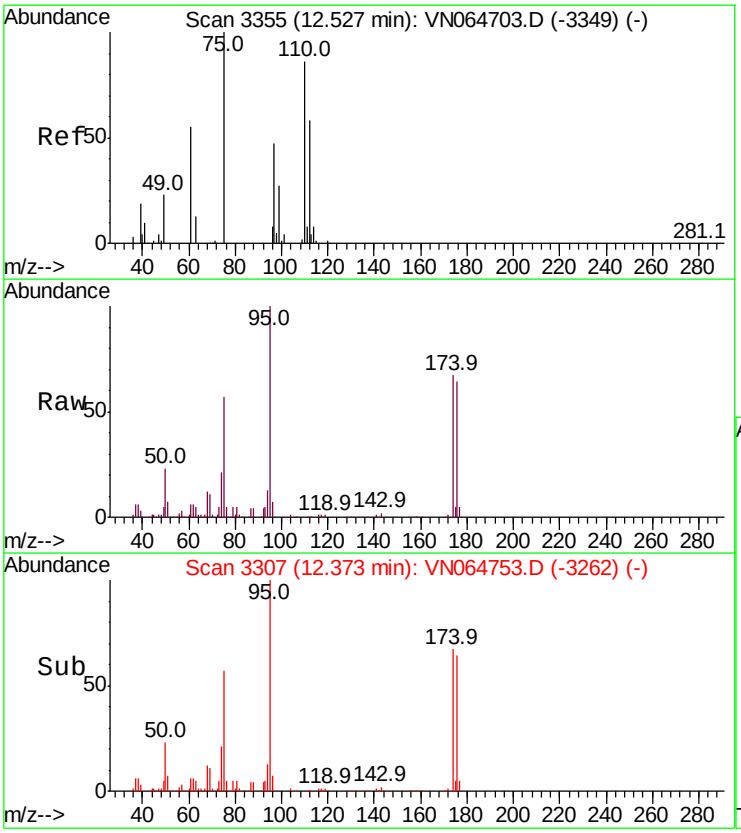
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion:152 Resp: 176663

Ion	Ratio	Lower	Upper
152	100		
115	67.3	32.1	96.3
150	159.7	0.0	344.8

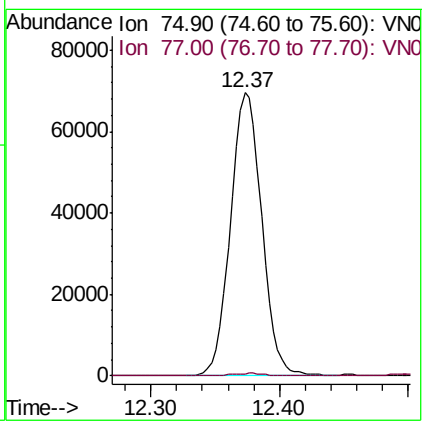


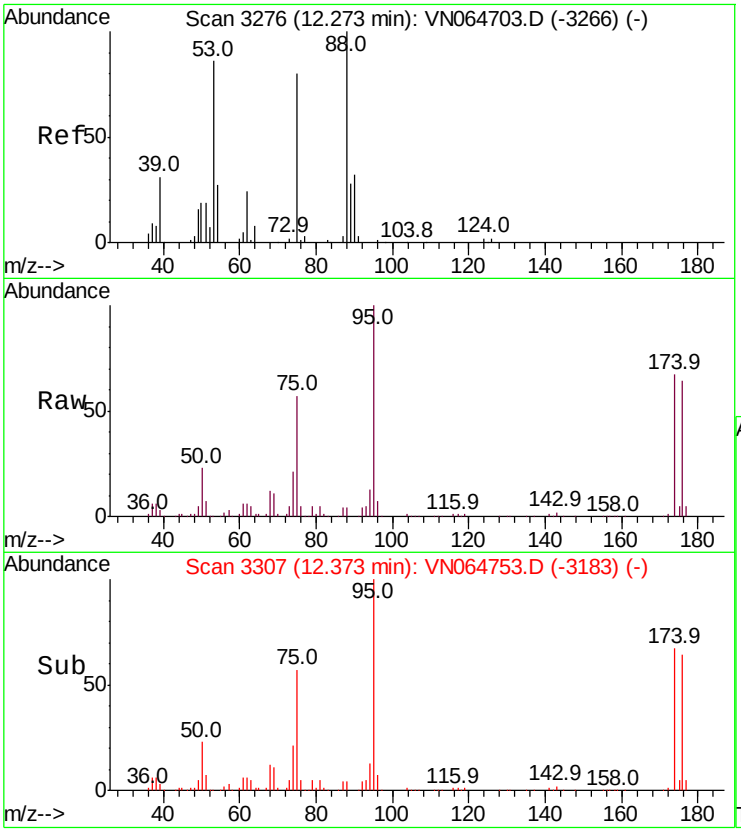


#76
1,2,3-Trichloropropane
Concen: 30.798 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 75 Resp: 117232

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



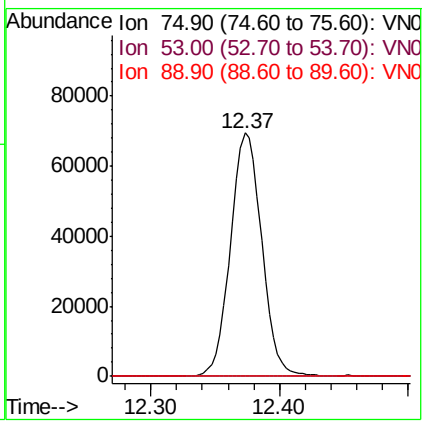


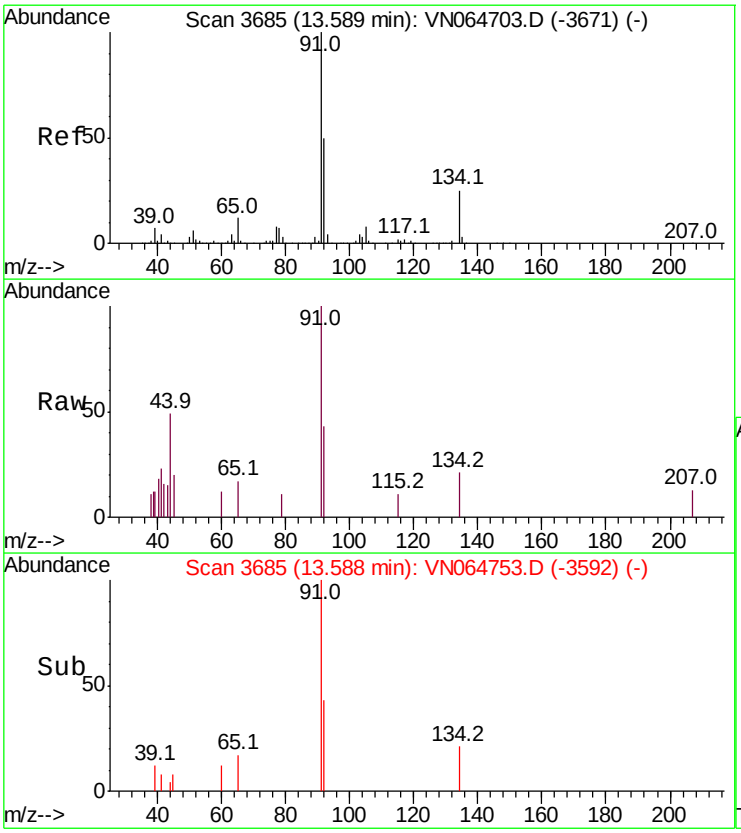
#81
trans-1,4-Dichloro-2-butene
Concen: 78.469 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Tgt Ion: 75 Resp: 117232

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.8	133.2#
89	0.0	43.1	64.7#

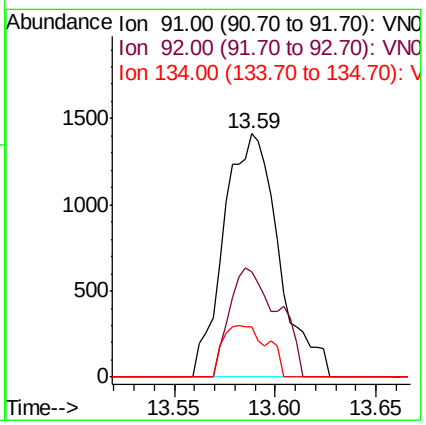


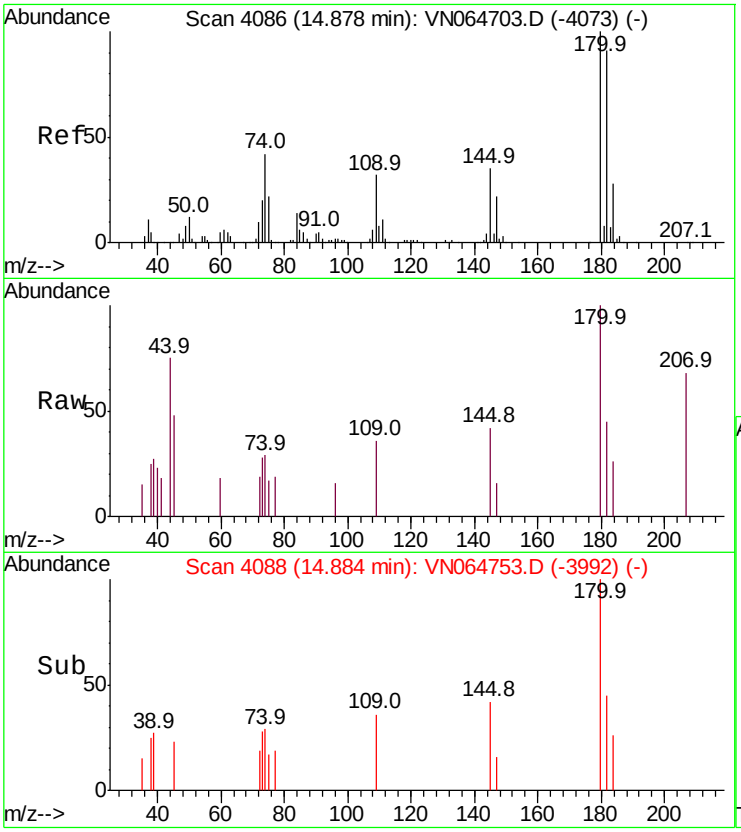


#89
n-Butylbenzene
Concen: 0.292 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion: 91 Resp: 2692

Ion	Ratio	Lower	Upper
91	100		
92	39.5	24.9	74.8
134	17.2	12.0	36.0



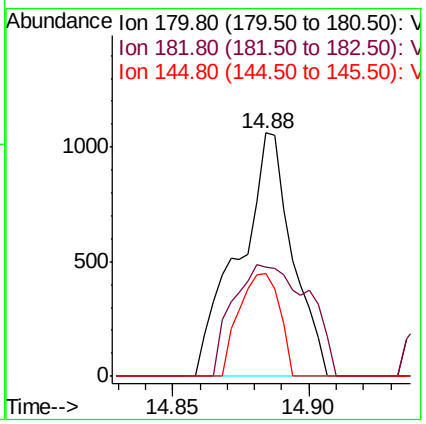


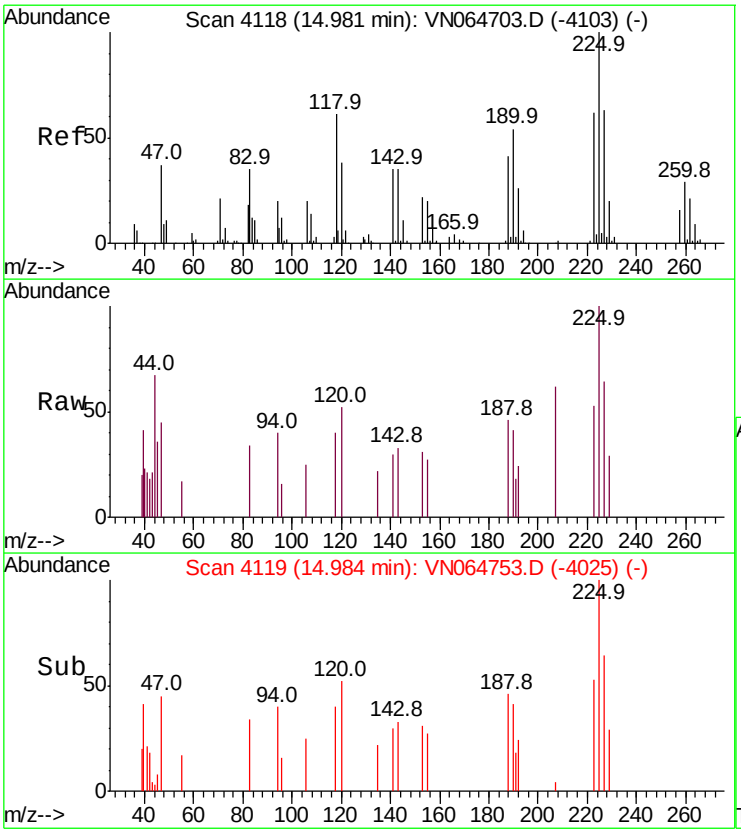
#93
1,2,4-Trichlorobenzene
Concen: 1.790 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL02

Tgt Ion:180 Resp: 1443

Ion	Ratio	Lower	Upper
180	100		
182	64.6	47.3	141.8
145	31.8	17.5	52.5

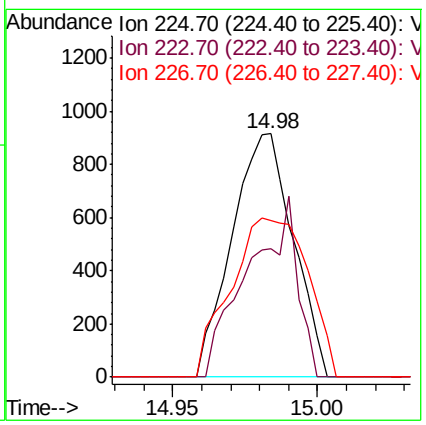


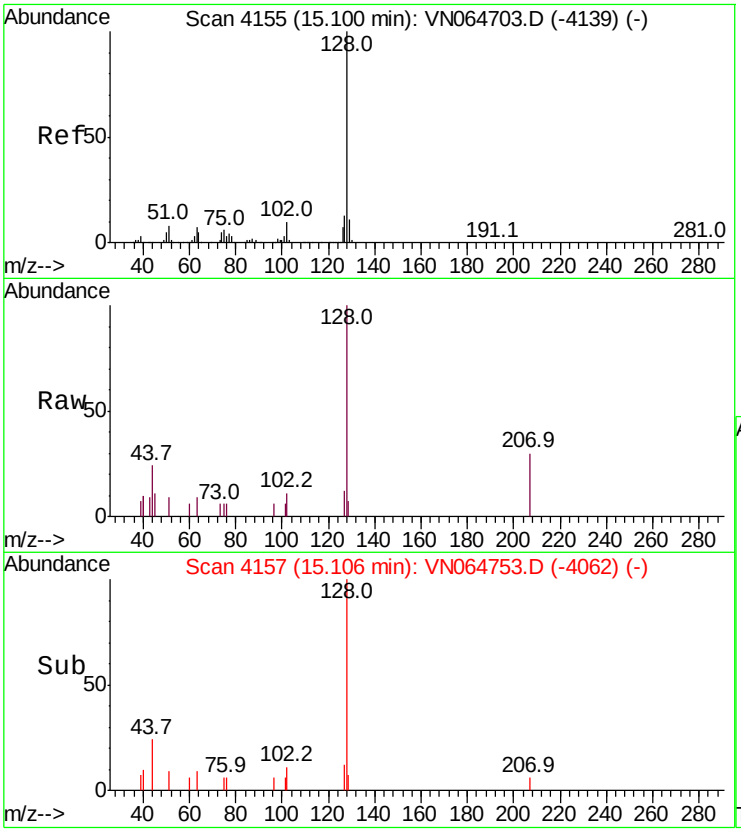


#94
Hexachlorobutadiene
Concen: 0.589 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:225 Resp: 1344

Ion	Ratio	Lower	Upper
225	100		
223	58.9	31.2	93.6
227	82.1	32.1	96.3



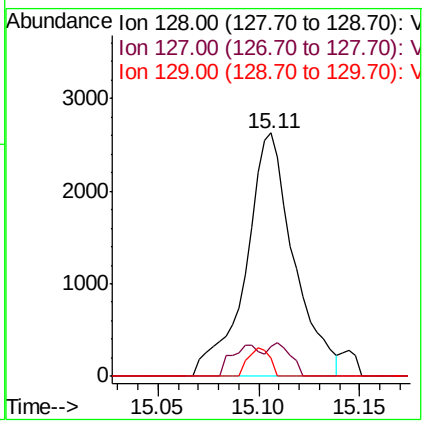


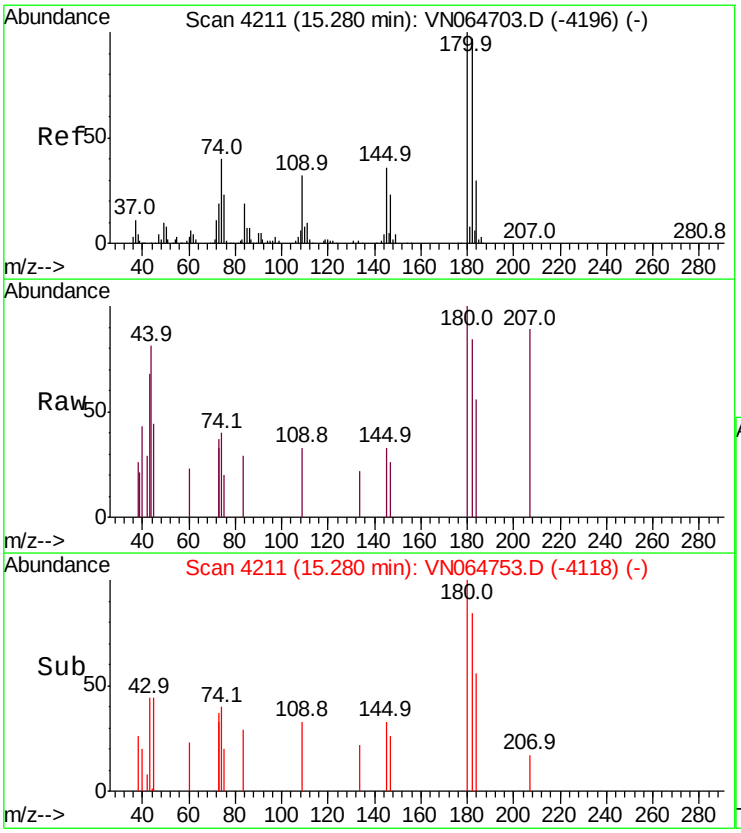
#95
Naphthalene
Concen: 0.439 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Instrument : MSVOA_N
ClientSampleId : VN1119WBL02

Tgt Ion:128 Resp: 4355

Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.8	16.2#
129	5.2	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 1.220 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064753.D
Acq: 20 Nov 2020 00:49

Tgt Ion:180 Resp: 1378

Ion	Ratio	Lower	Upper
180	100		
182	104.7	47.5	142.5
145	30.0	18.1	54.1