Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
Data File : VN064124.D
Acq On : 14 Oct 2020 20:08
Operator : JC/MD
Sample : PB132344ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Quant Time: Oct 15 05:59:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	271356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	206658	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.94%			
35) Dibromofluoromethane	7.55	113	175018	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.42%			
50) Toluene-d8	10.06	98	658317	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
62) 4-Bromofluorobenzene	12.38	95	227030	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
Target Compounds						Qvalue
5) Bromomethane	2.55	94	1005	0.338	ug/l #	46
13) Acrolein	3.62	56	102	0.290	ug/l #	69
16) Acetone	3.79	43	4775	4.165	ug/l	92
20) Methylene Chloride	4.51	84	11308	3.188	ug/l	94
29) Tetrahydrofuran	7.18	42	1851	1.796	ug/l #	65
31) Cyclohexane	7.63	56	6625	1.551	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	23628	4.723	ug/l #	49
38) Carbon Tetrachloride	7.63	117	28536	5.304	ug/l #	16
49) 1,4-Dioxane	9.16	88	64	1.238	ug/l #	1
56) Ethyl methacrylate	10.41	69	91	2.314	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.71	63	63	12.240	ug/l #	48
59) 2-Hexanone	10.72	43	223	6.902	ug/l #	24
68) m/p-Xylenes	11.59	106	189	2.215	ug/l #	1
69) o-Xylene	11.93	106	30	1.587	ug/l #	1
70) Styrene	11.95	104	148	2.048	ug/l #	41
76) 1,2,3-Trichloropropane	12.38	75	121258	26.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	121258	82.251	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.01	105	252	0.206	ug/l	91
86) p-Isopropyltoluene	13.26	119	489	0.705	ug/l #	65
93) 1,2,4-Trichlorobenzene	14.89	180	158	3.229	ug/l #	47
95) Naphthalene	15.11	128	234	3.820	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.28	180	159	2.859	ug/l #	13

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

Quantitation Report (Not Reviewed)

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Data File : VN064124.D
Acq On : 14 Oct 2020 20:08
Operator : JC/MD
Sample : PB132344ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Quant Time: Oct 15 05:59:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
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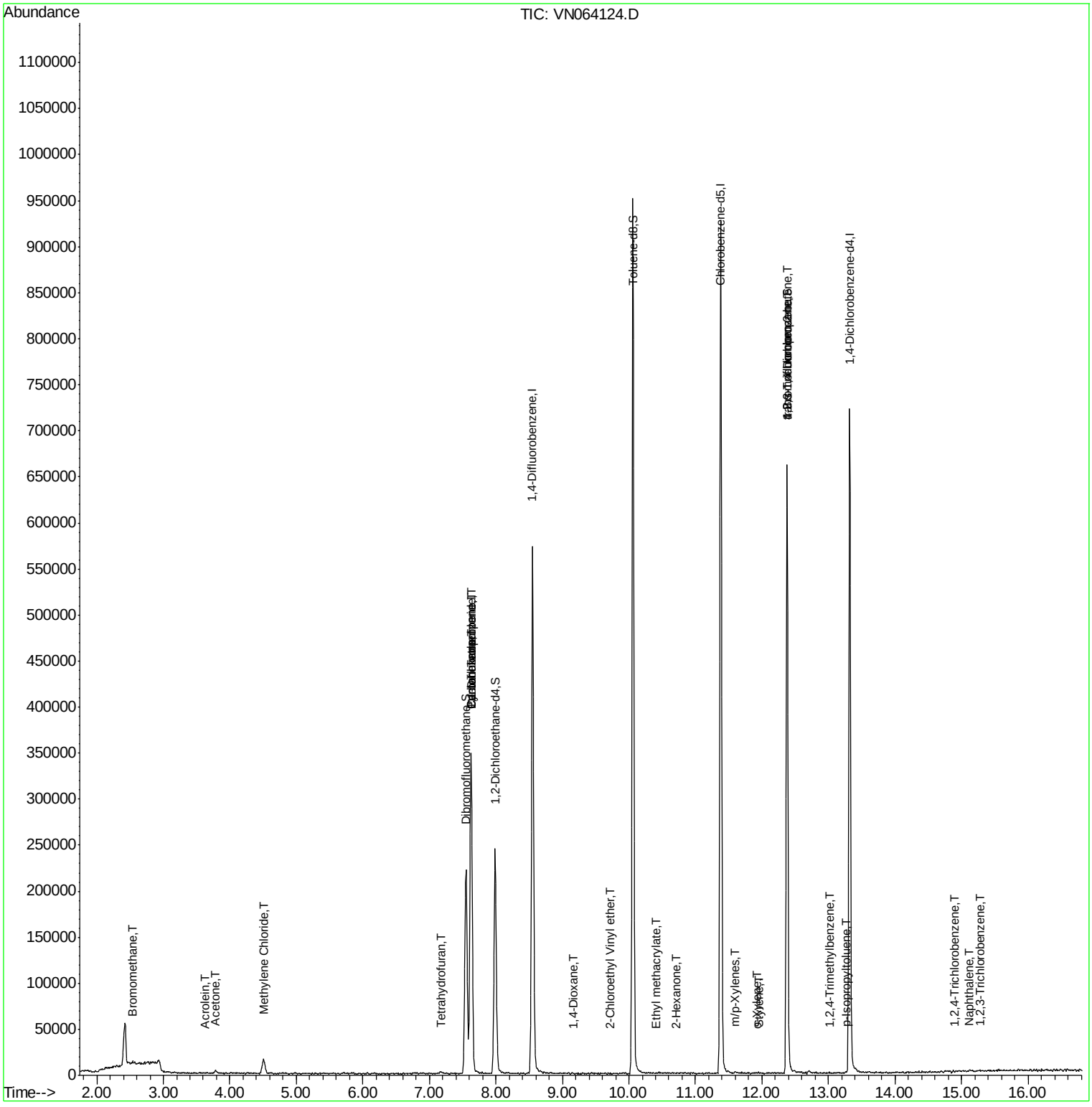
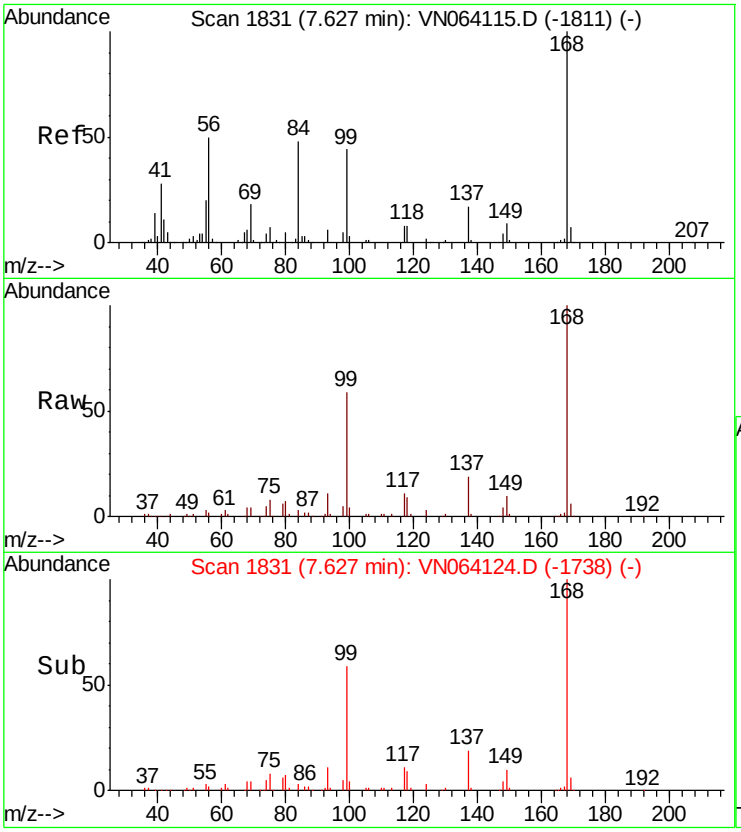


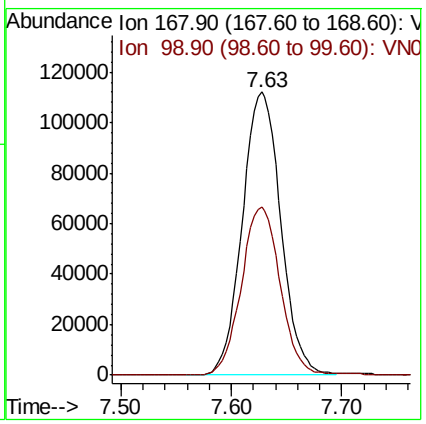


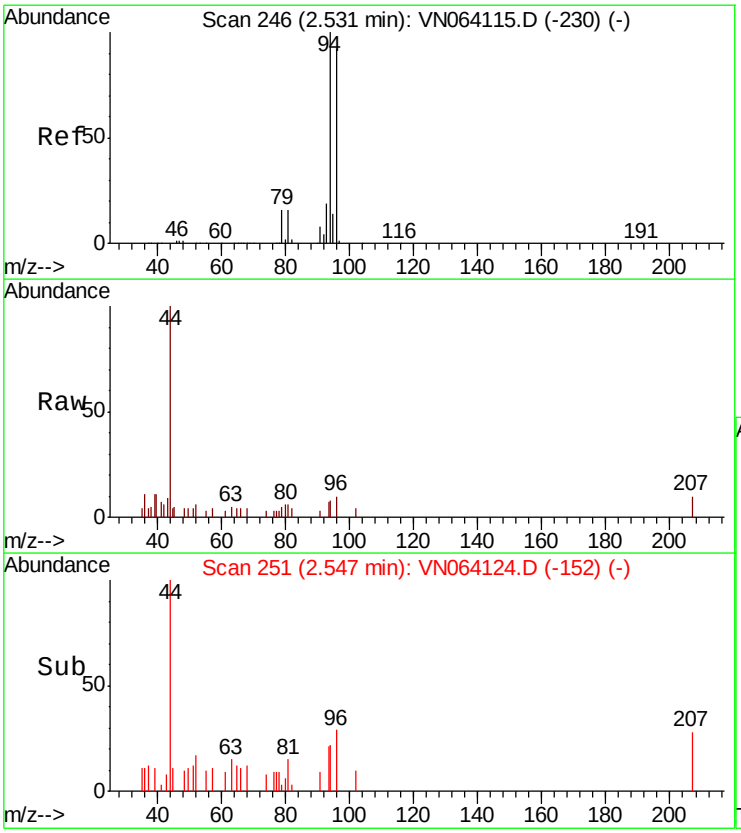
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion:168 Resp: 271356

Ion	Ratio	Lower	Upper
168	100		
99	59.4	43.6	65.4

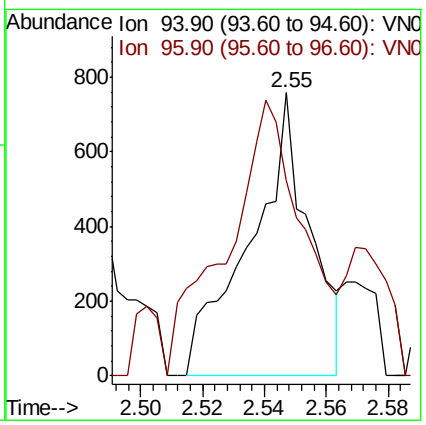


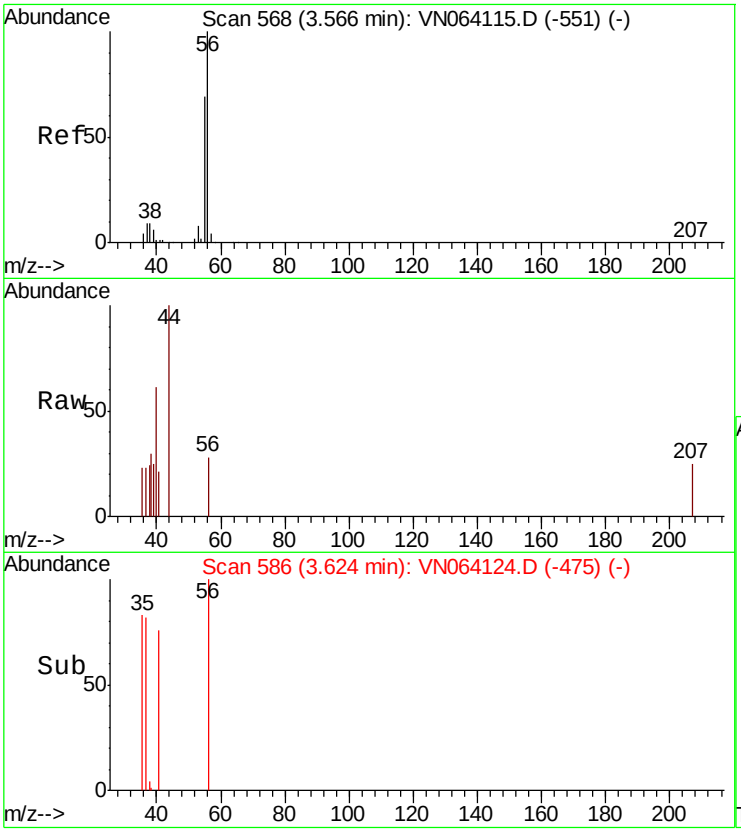


#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.55 min Scan# 251
Delta R.T. 0.02 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 94 Resp: 1005

Ion	Ratio	Lower	Upper
94	100		
96	40.1	73.5	110.3#



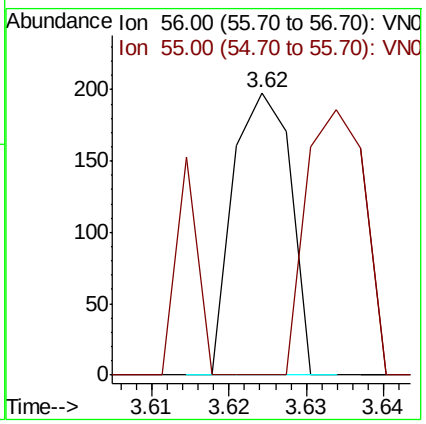


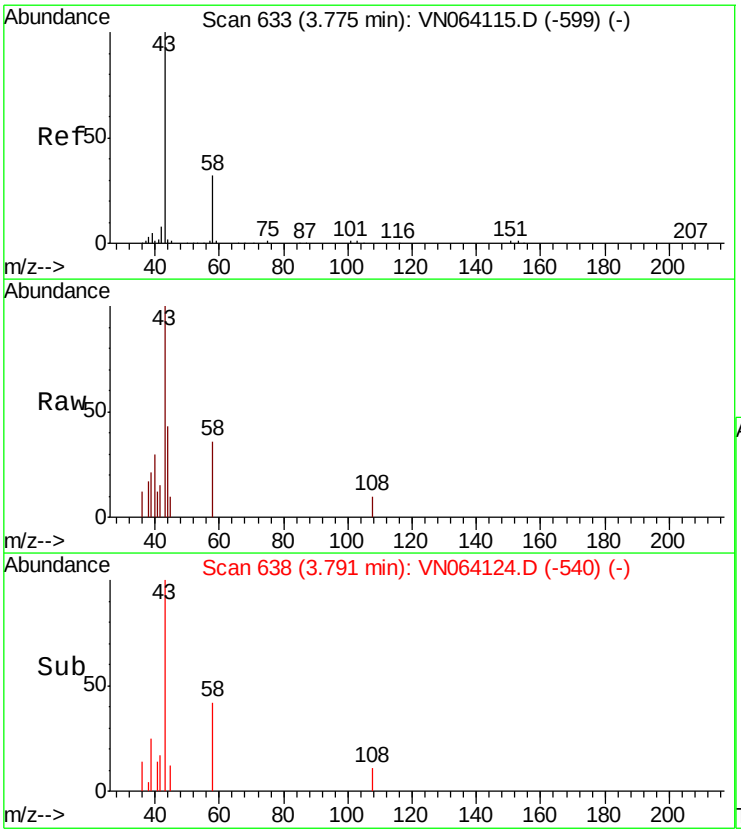
#13
Acrolein
Concen: 0.290 ug/l
RT: 3.62 min Scan# 586
Delta R.T. 0.06 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion: 56 Resp: 102

Ion	Ratio	Lower	Upper
56	100		
55	95.1	55.8	83.6#

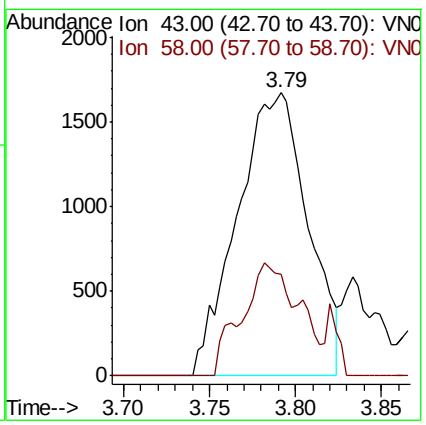


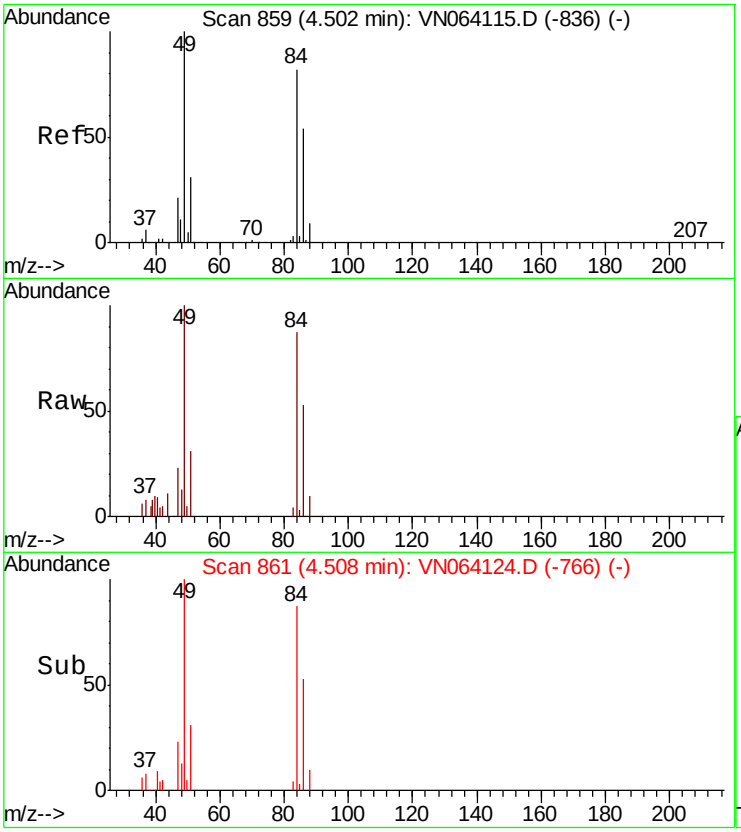


#16
Acetone
Concen: 4.165 ug/l
RT: 3.79 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 43 Resp: 4775

Ion	Ratio	Lower	Upper
43	100		
58	35.8	25.2	37.8



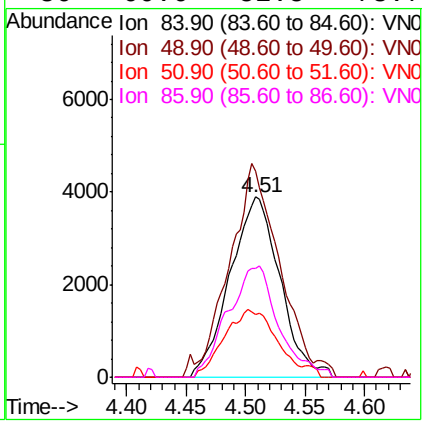


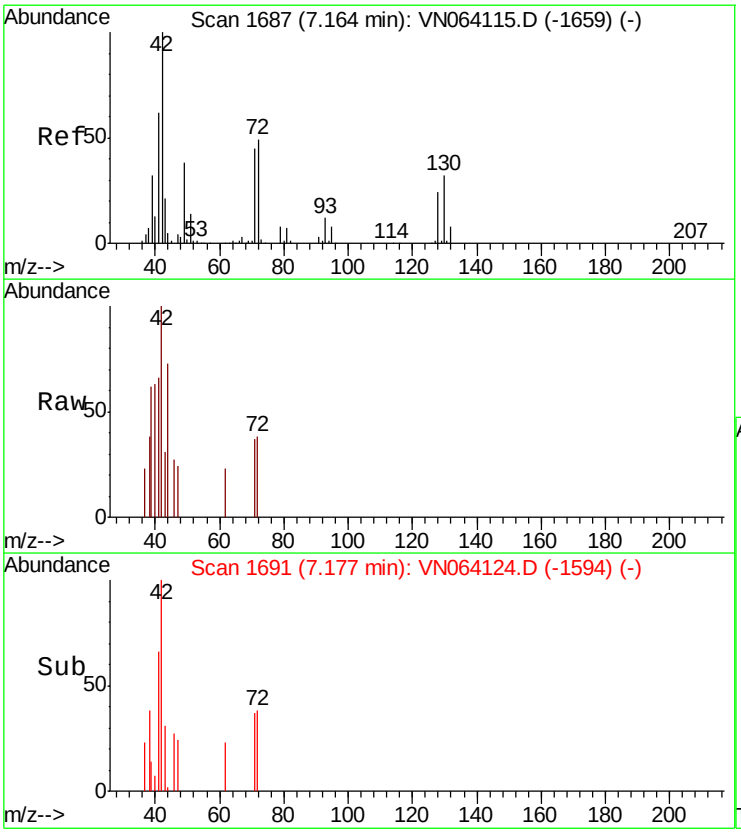
#20
Methylene Chloride
Concen: 3.188 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion: 84 Resp: 11308

Ion	Ratio	Lower	Upper
84	100		
49	114.3	97.4	146.0
51	35.0	29.7	44.5
86	60.6	52.5	78.7

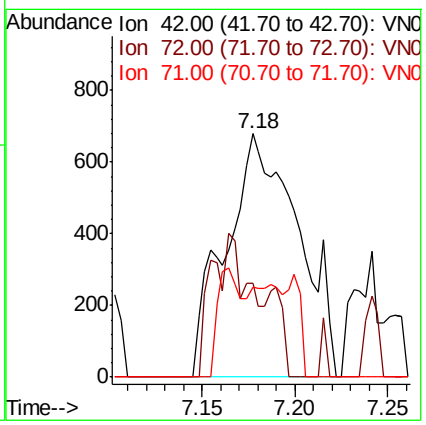


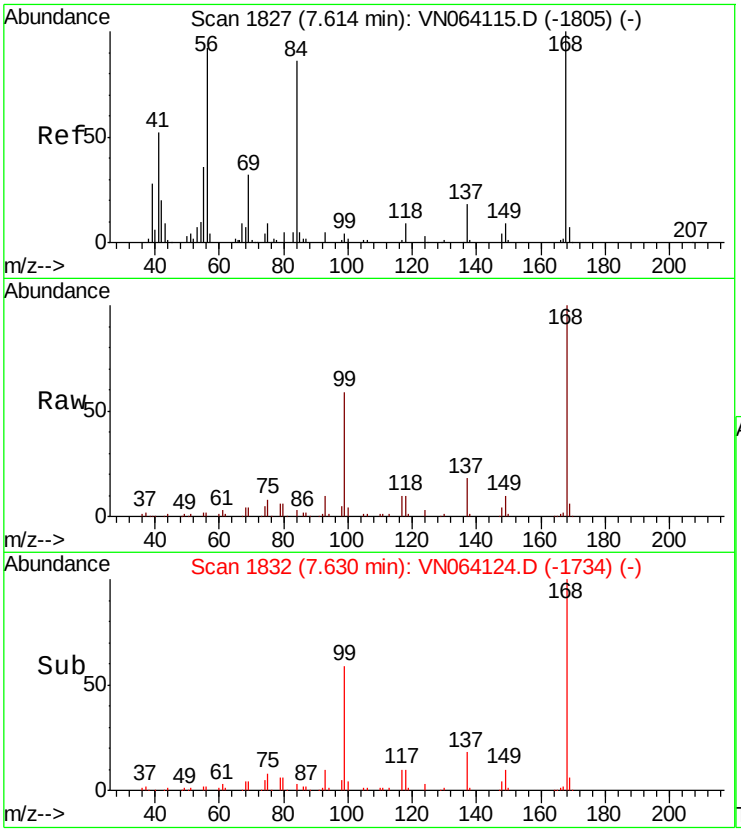


#29
Tetrahydrofuran
Concen: 1.796 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 42 Resp: 1851

Ion	Ratio	Lower	Upper
42	100		
72	31.7	37.8	56.6#
71	13.3	35.3	52.9#



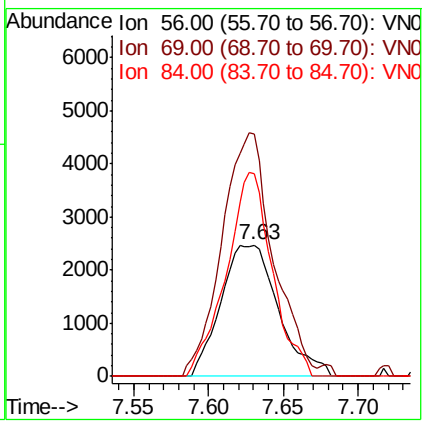


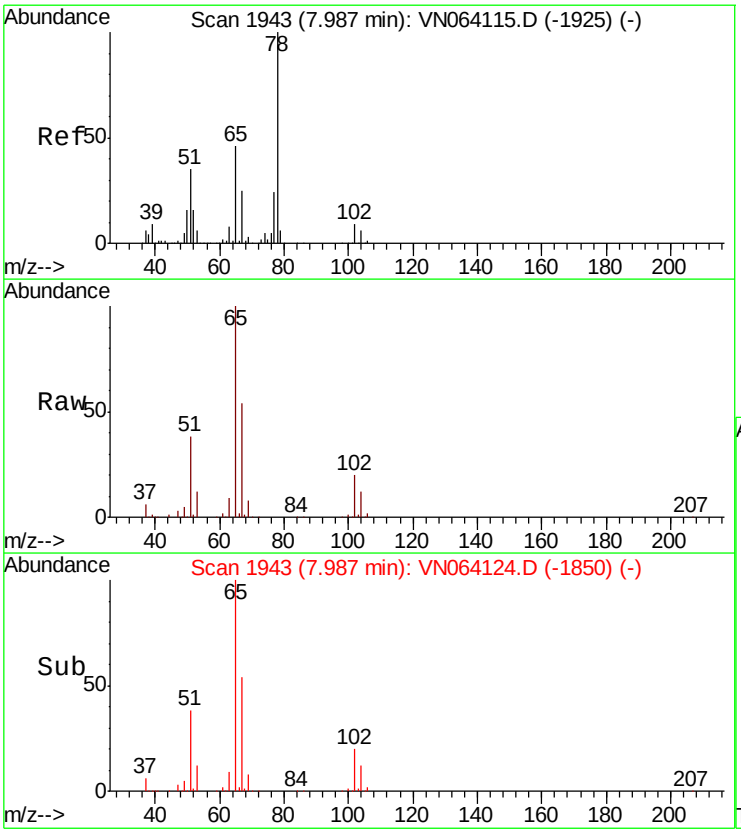
#31
Cyclohexane
Concen: 1.551 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion: 56 Resp: 6625

Ion	Ratio	Lower	Upper
56	100		
69	184.8	27.8	41.6#
84	154.2	73.2	109.8#

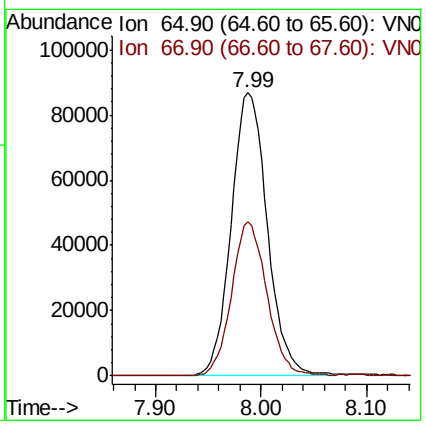


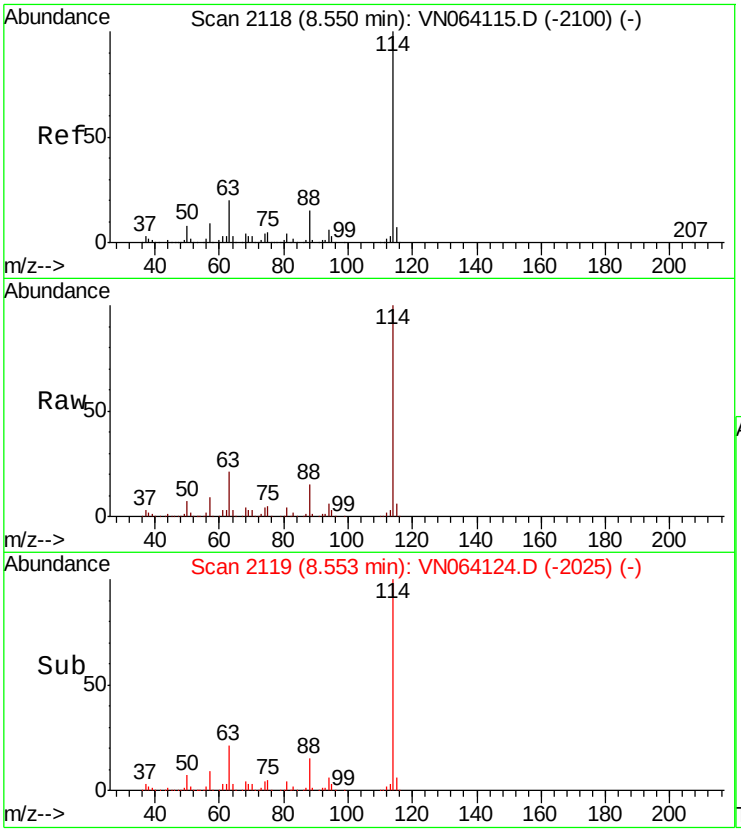


#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 65 Resp: 206658

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.6



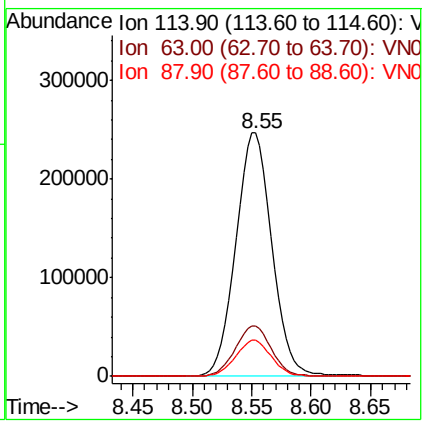


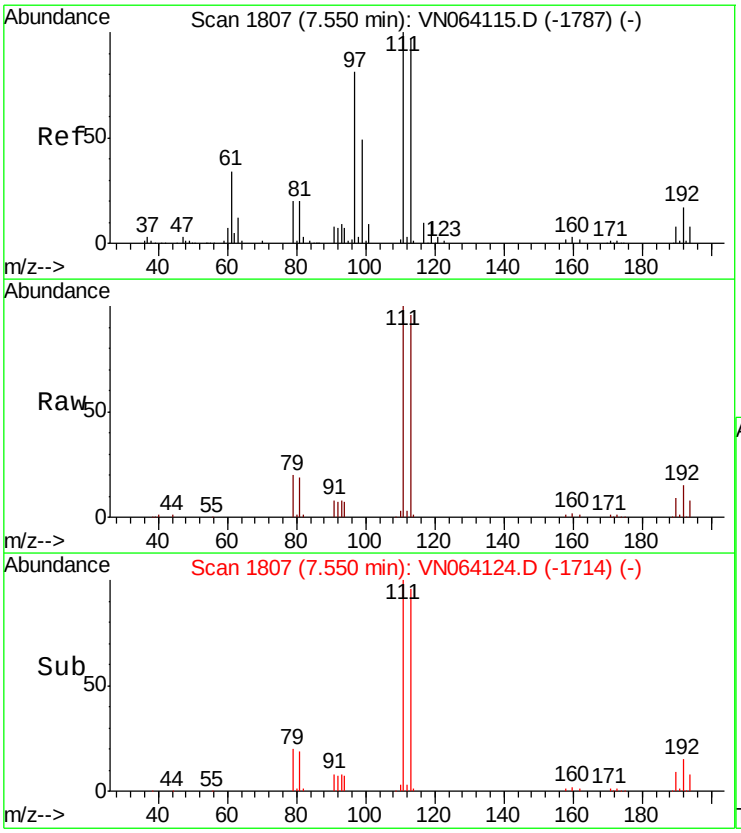
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion:114 Resp: 519068

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.0
88	14.9	0.0	29.2

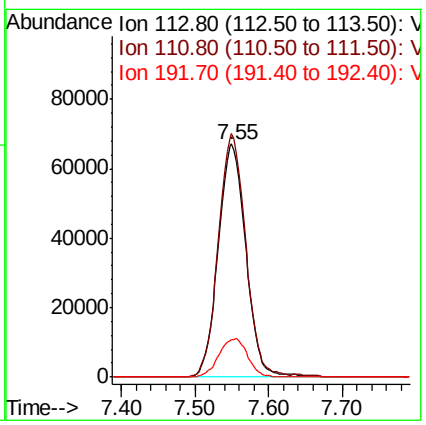


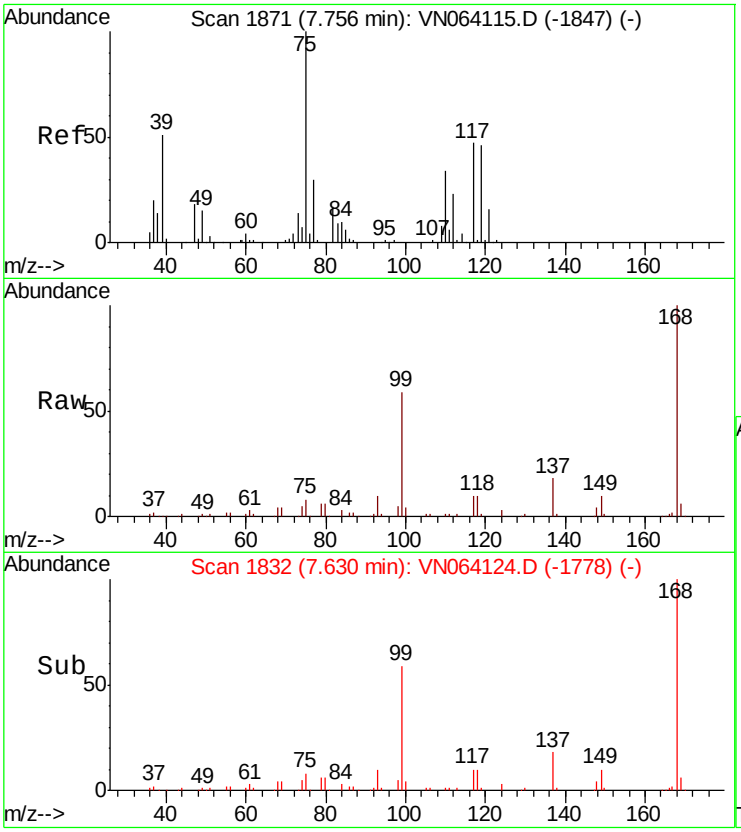


#35
Dibromofluoromethane
Concen: 48.715 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:113 Resp: 175018

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	17.2	14.3	21.5



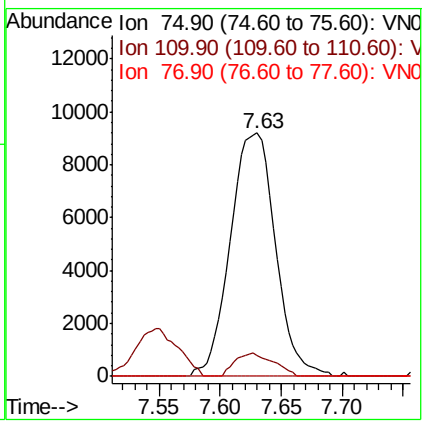


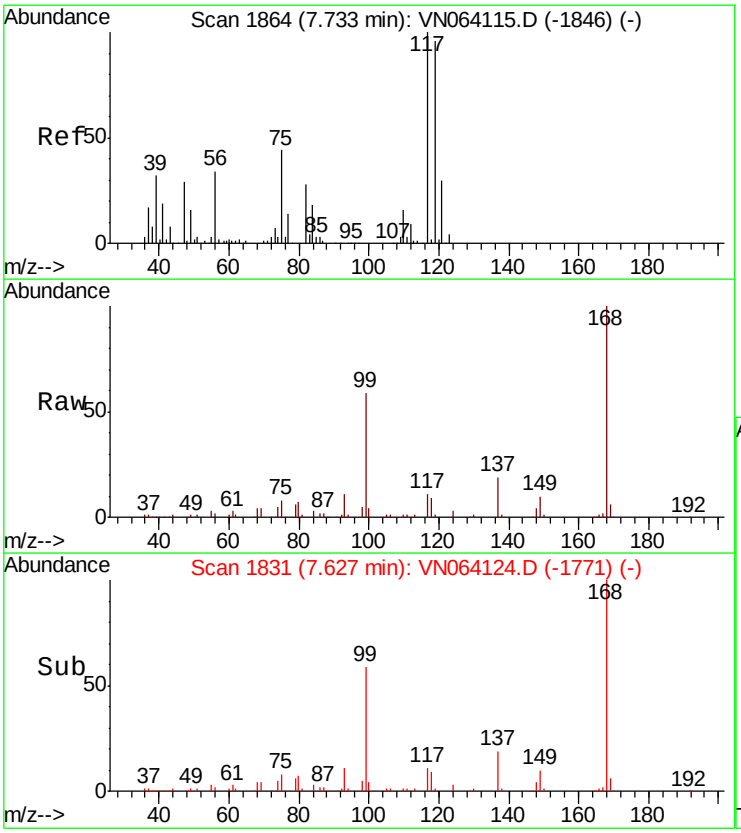
#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion: 75 Resp: 23628

Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.8	53.3#
77	0.0	24.9	37.3#

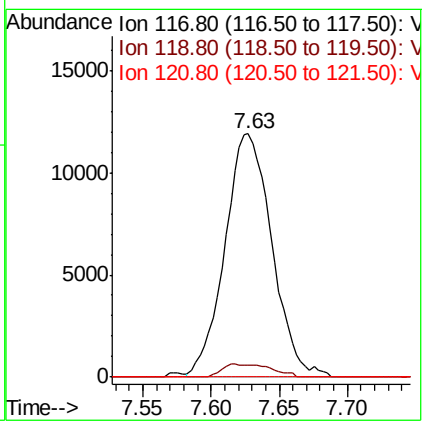


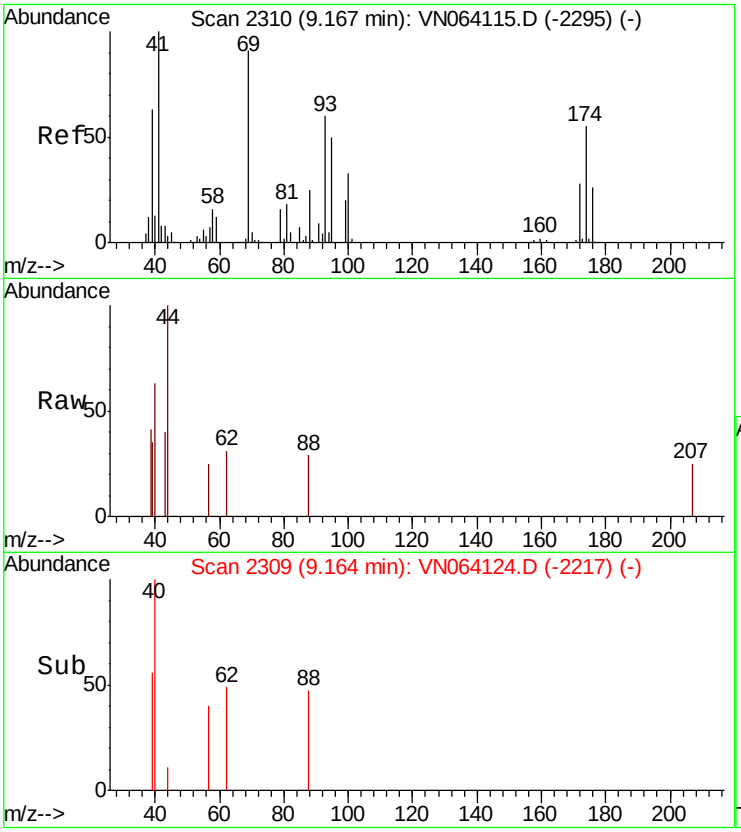


#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:117 Resp: 28536

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.0	115.4#
121	0.0	24.2	36.4#



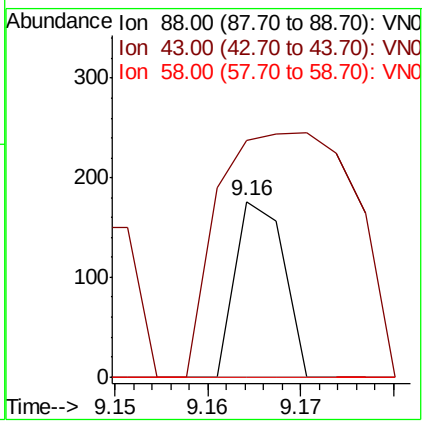


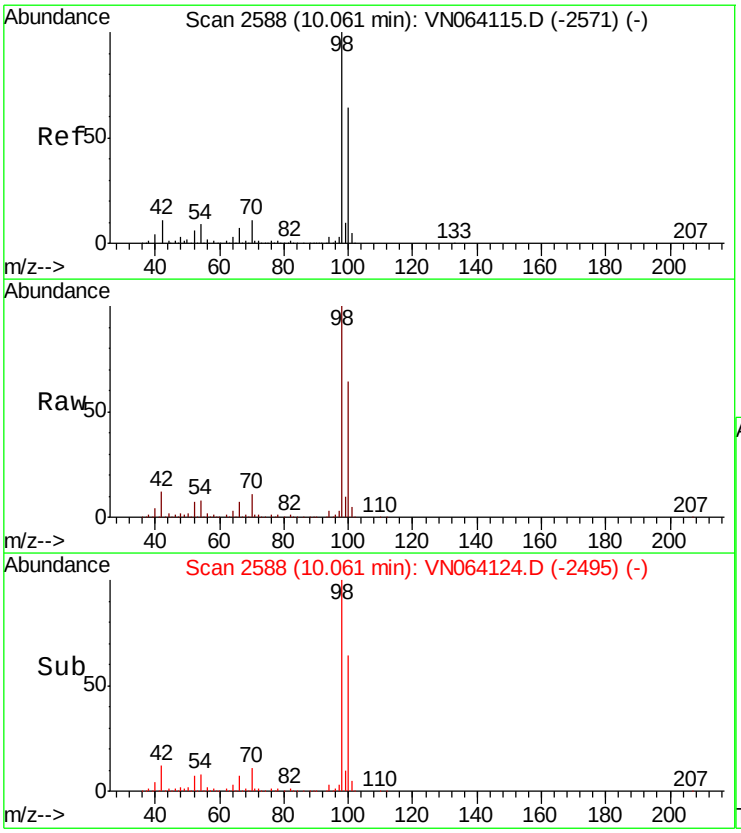
#49
1,4-Dioxane
Concen: 1.238 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	393.8	27.2	40.8#
58	0.0	52.6	78.8#

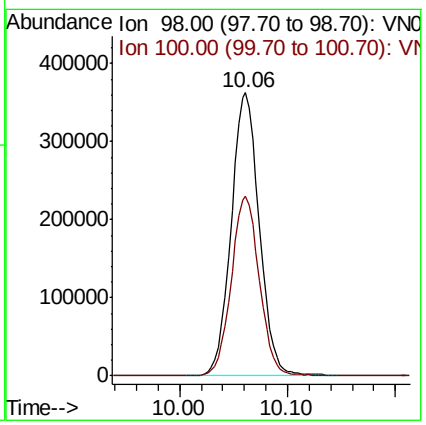


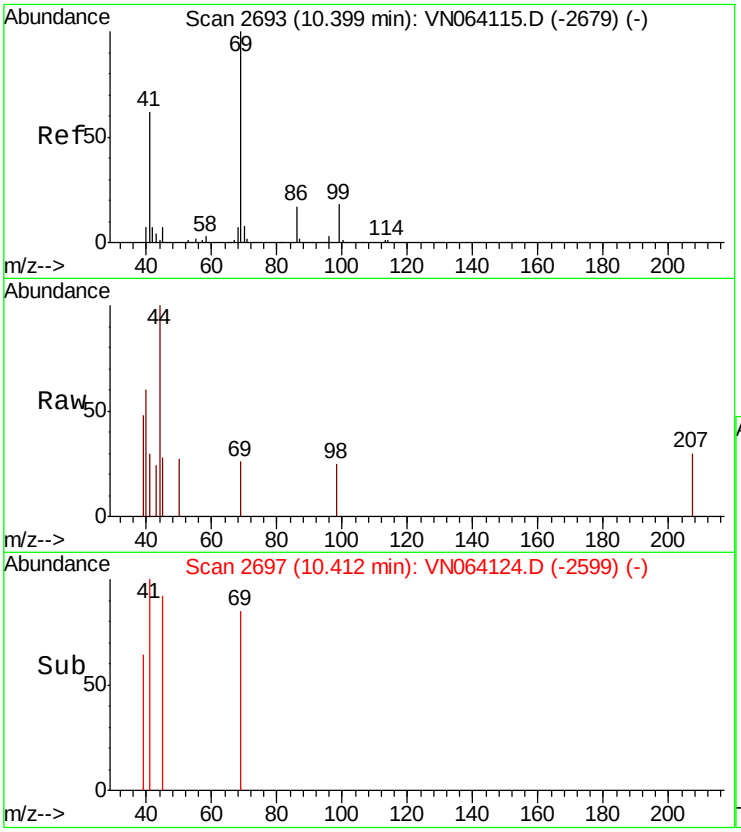


#50
Toluene-d8
Concen: 48.563 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 98 Resp: 658317

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2



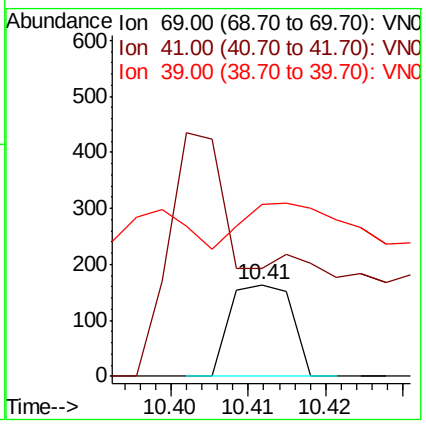


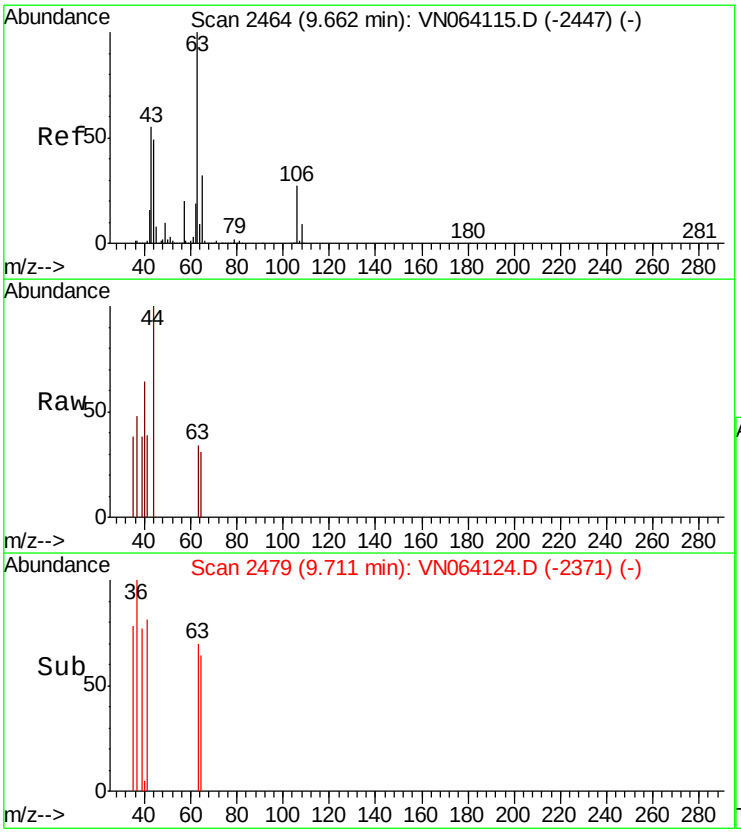
#56
Ethyl methacrylate
Concen: 2.314 ug/l
RT: 10.41 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion: 69 Resp: 91

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.3	73.9#
39	84.6	32.7	49.1#

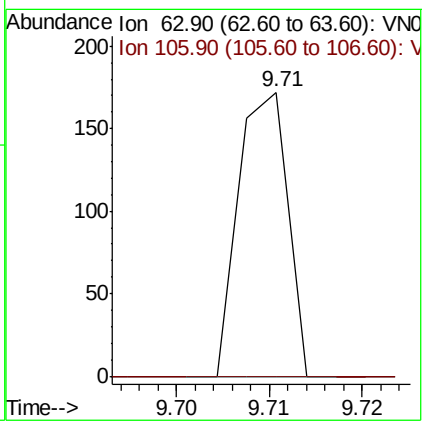


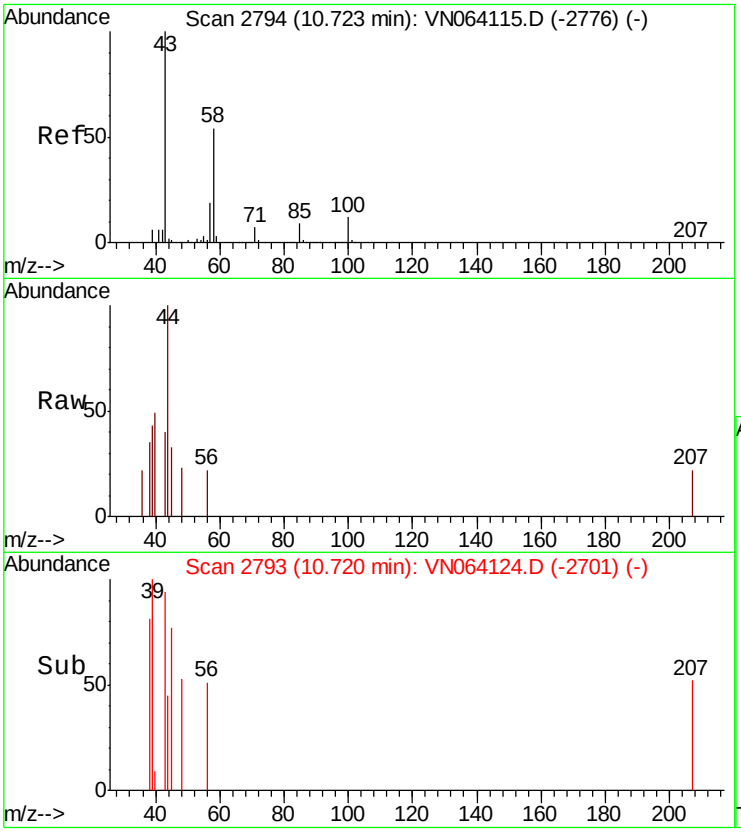


#58
2-Chloroethyl Vinyl ether
Concen: 12.240 ug/l
RT: 9.71 min Scan# 2479
Delta R.T. 0.05 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.8	32.6#



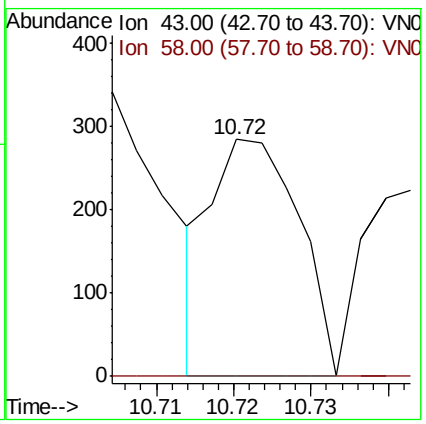


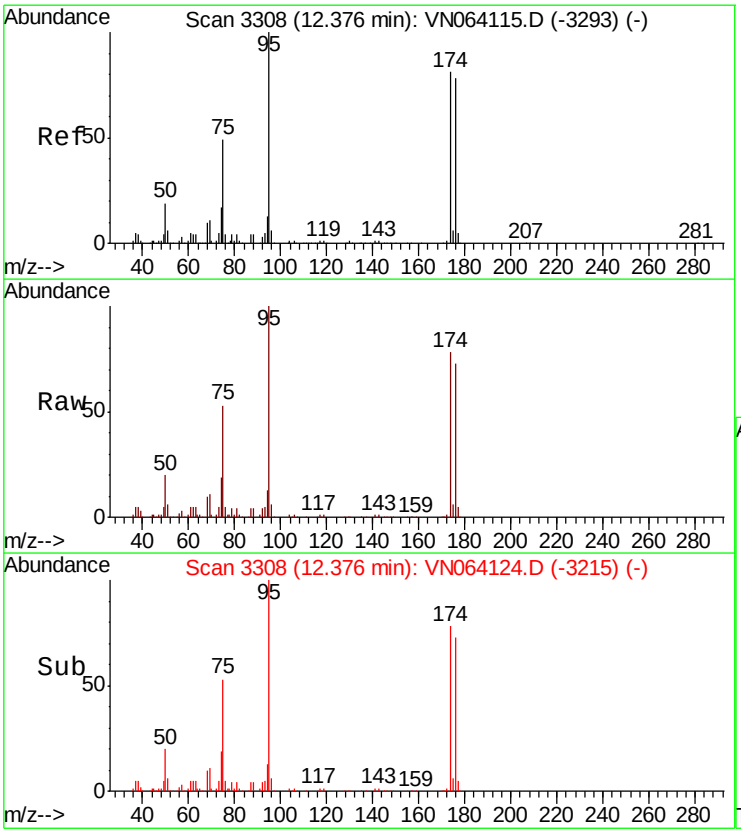
#59
2-Hexanone
Concen: 6.902 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion: 43 Resp: 223

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.2	81.6#

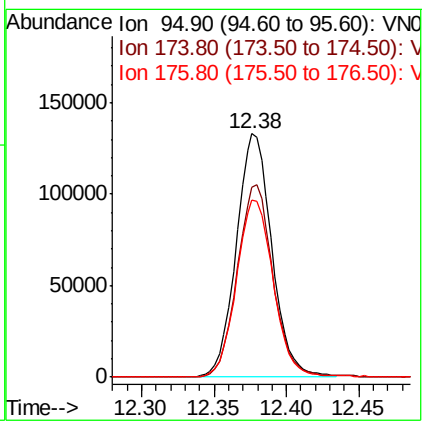


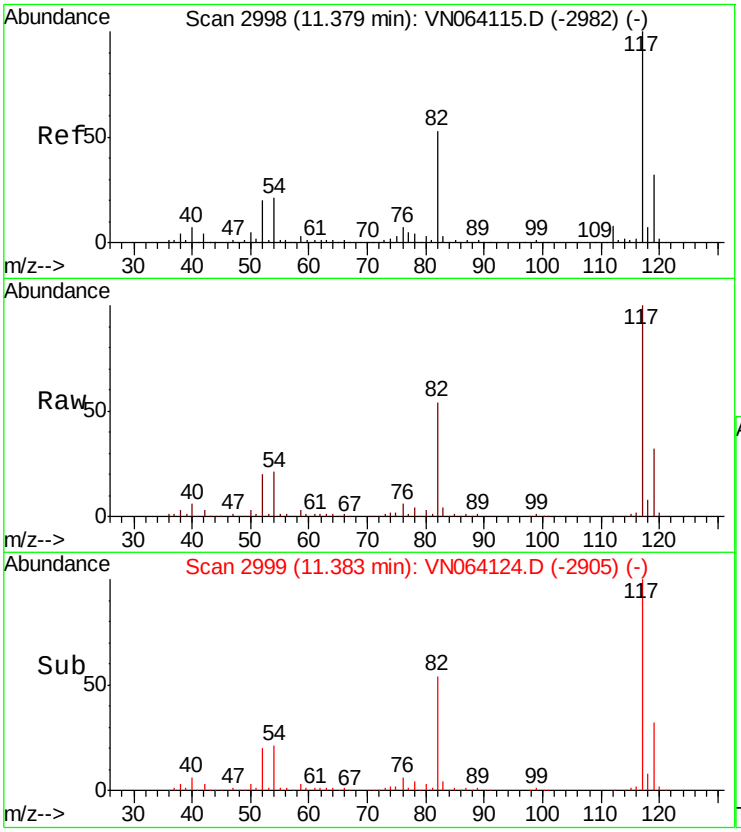


#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 95 Resp: 227030

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	164.8
176	75.6	0.0	157.8



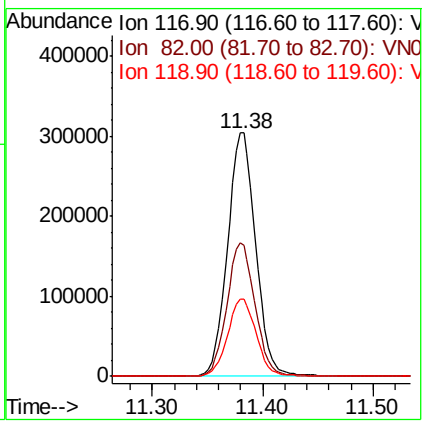


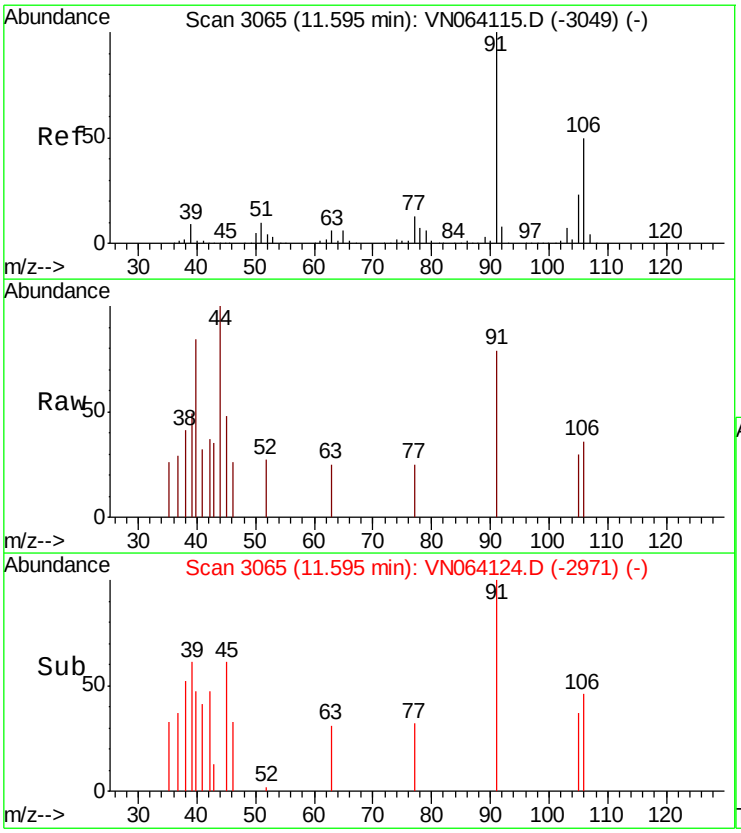
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion:117 Resp: 538292

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	63.8
119	31.7	25.5	38.3

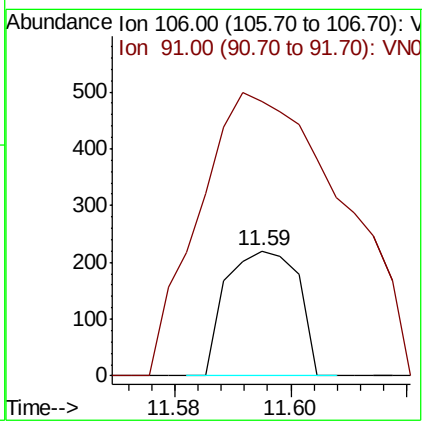


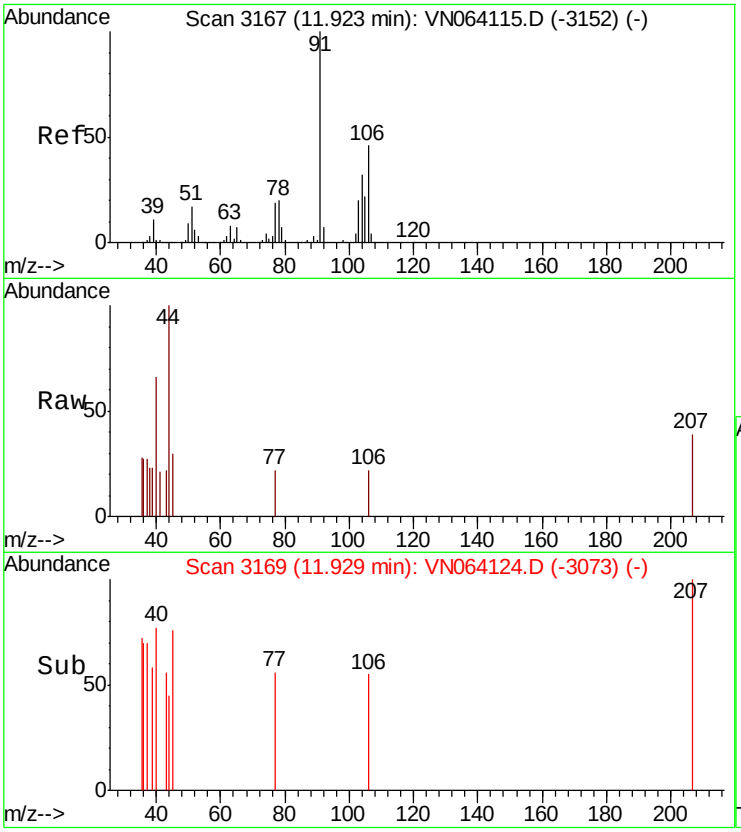


#68
m/p-Xylenes
Concen: 2.215 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:106 Resp: 189

Ion	Ratio	Lower	Upper
106	100		
91	450.8	162.1	243.1#



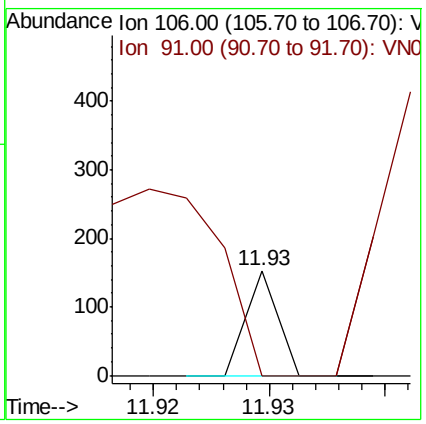


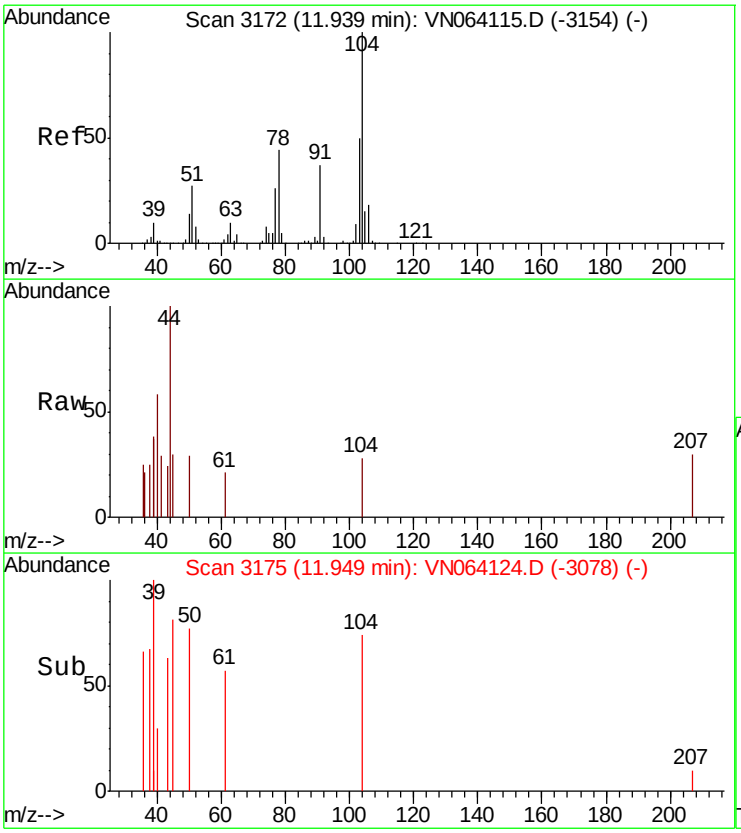
#69
o-Xylene
Concen: 1.587 ug/l
RT: 11.93 min Scan# 3169
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion:106 Resp: 30

Ion	Ratio	Lower	Upper
106	100		
91	746.7	107.6	322.8#

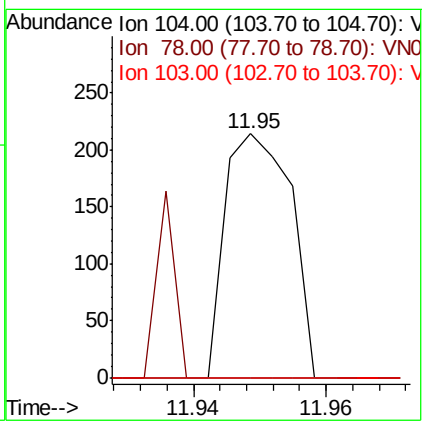


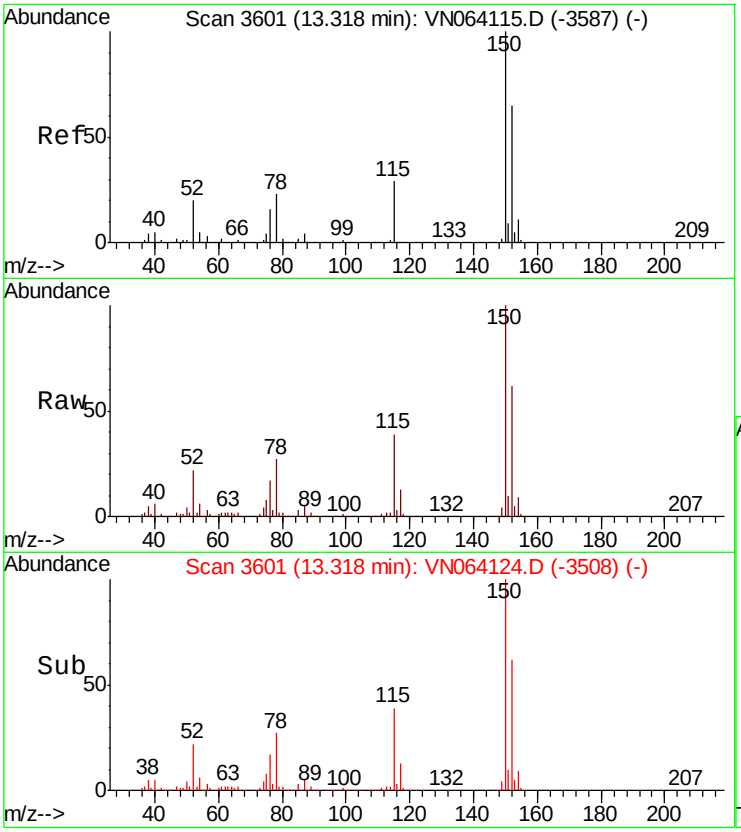


#70
Styrene
Concen: 2.048 ug/l
RT: 11.95 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:104 Resp: 148

Ion	Ratio	Lower	Upper
104	100		
78	21.6	39.7	59.5#
103	0.0	44.2	66.2#



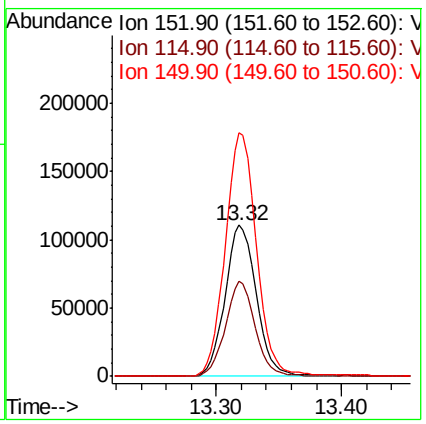


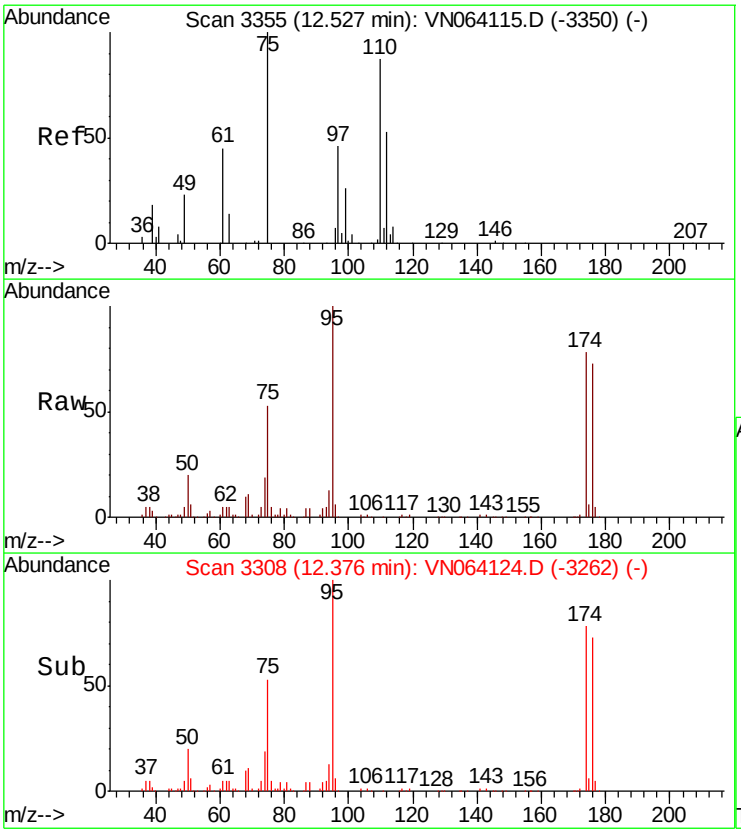
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion:152 Resp: 191984

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.8
150	160.1	0.0	346.0

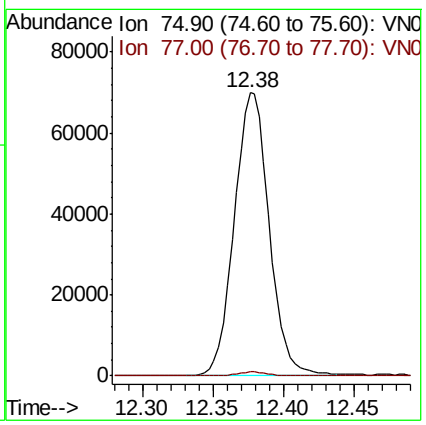


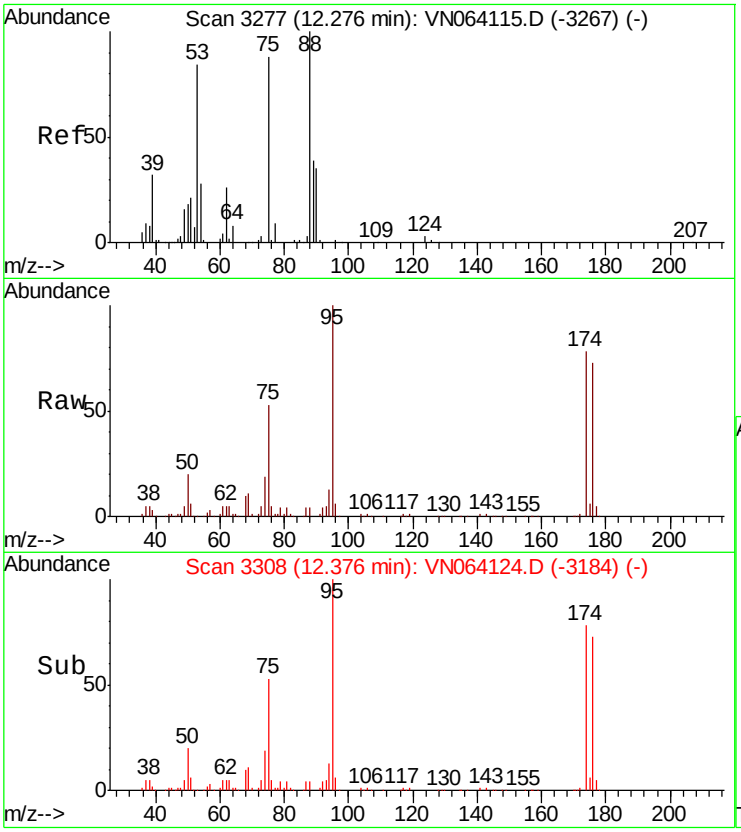


#76
1,2,3-Trichloropropane
Concen: 26.922 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion: 75 Resp: 121258

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



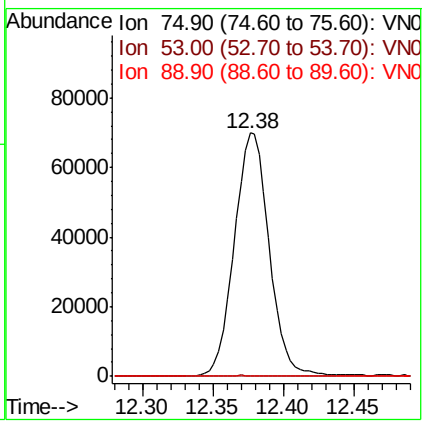


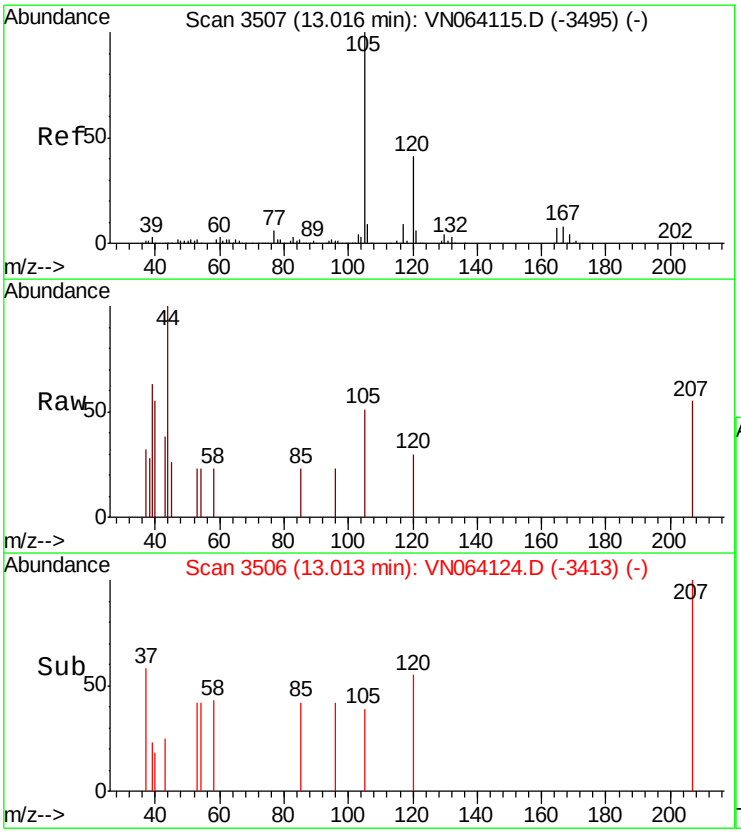
#81
trans-1,4-Dichloro-2-butene
Concen: 82.251 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB132344ZHE#08

Tgt Ion: 75 Resp: 121258

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.7	113.5#
89	0.0	36.6	55.0#

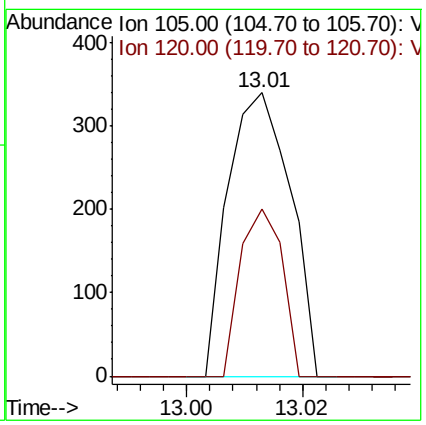


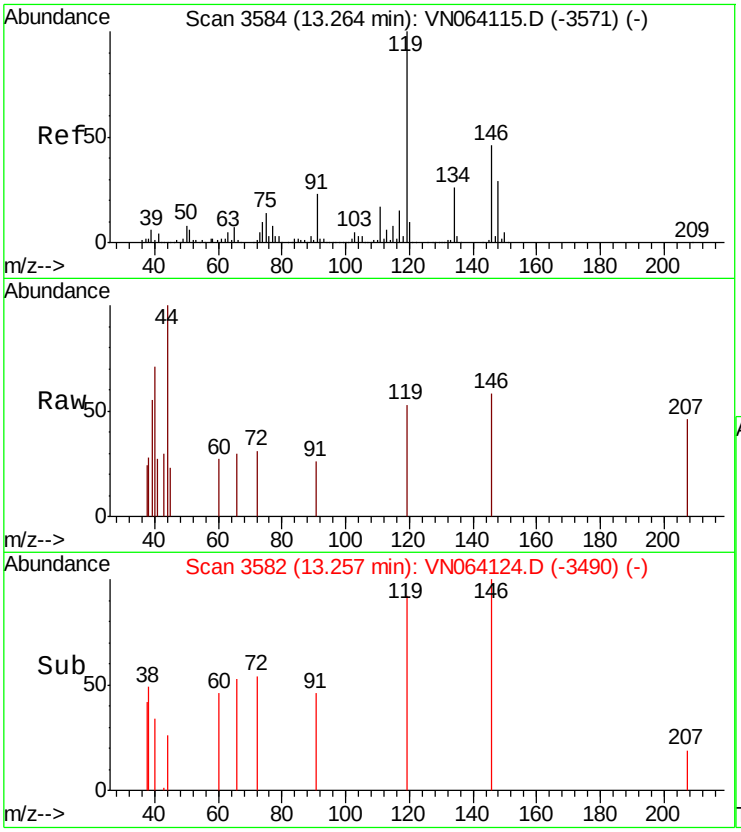


#84
1,2,4-Trimethylbenzene
Concen: 0.206 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:105 Resp: 252

Ion	Ratio	Lower	Upper
105	100		
120	39.7	22.8	68.4



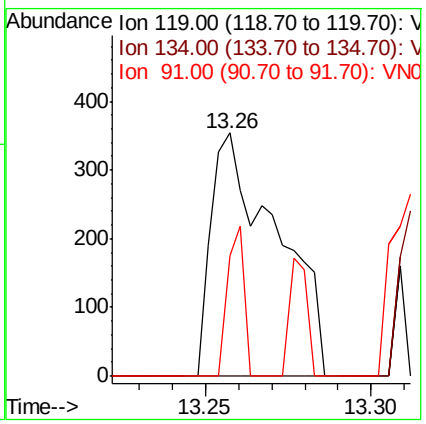


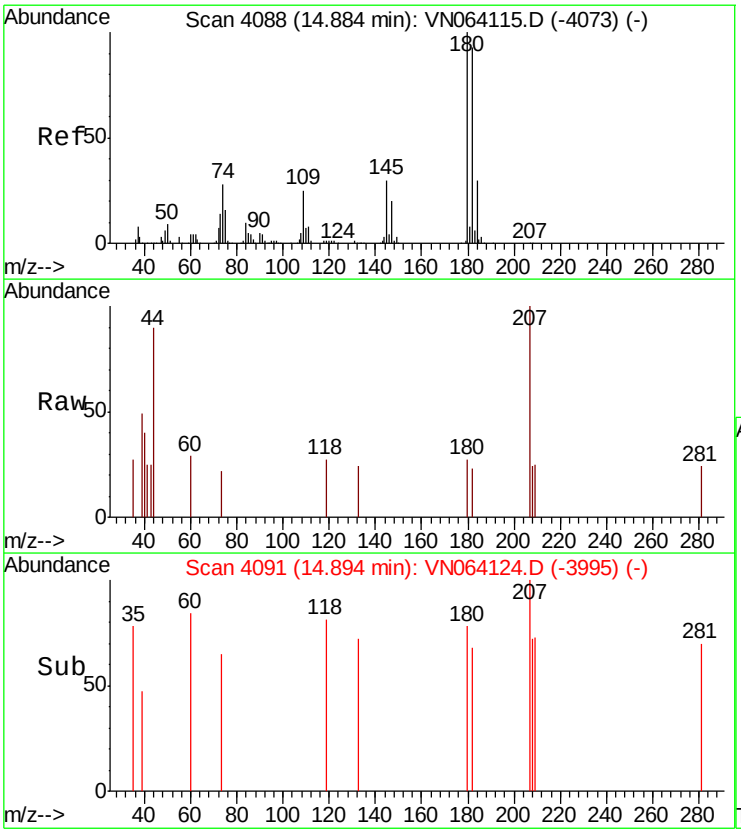
#86
p-Isopropyltoluene
Concen: 0.705 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion:119 Resp: 489

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	15.5	12.0	36.1

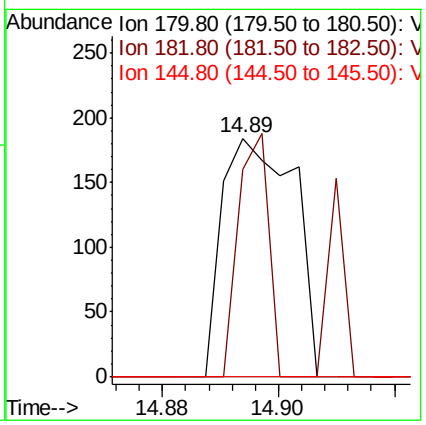


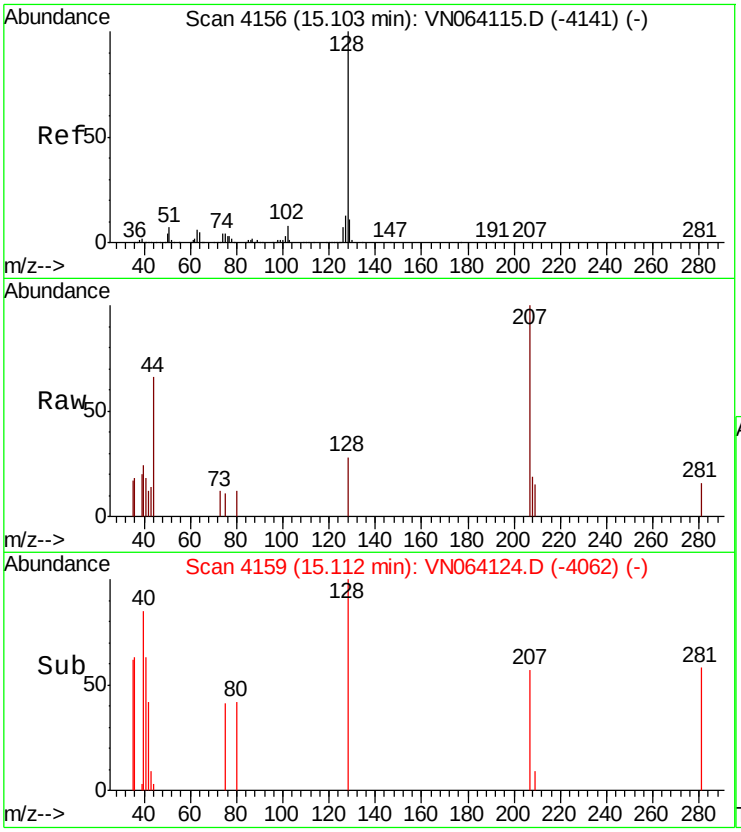


#93
1,2,4-Trichlorobenzene
Concen: 3.229 ug/l
RT: 14.89 min Scan# 4091
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:180 Resp: 158

Ion	Ratio	Lower	Upper
180	100		
182	42.4	45.8	137.4#
145	0.0	15.4	46.1#



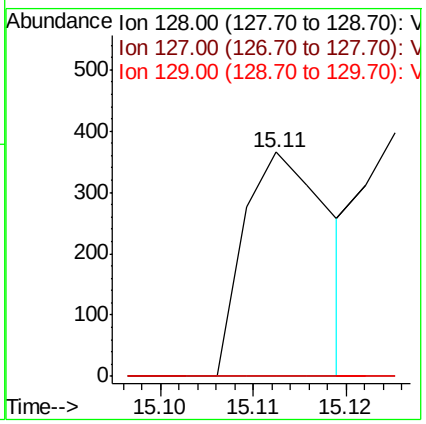


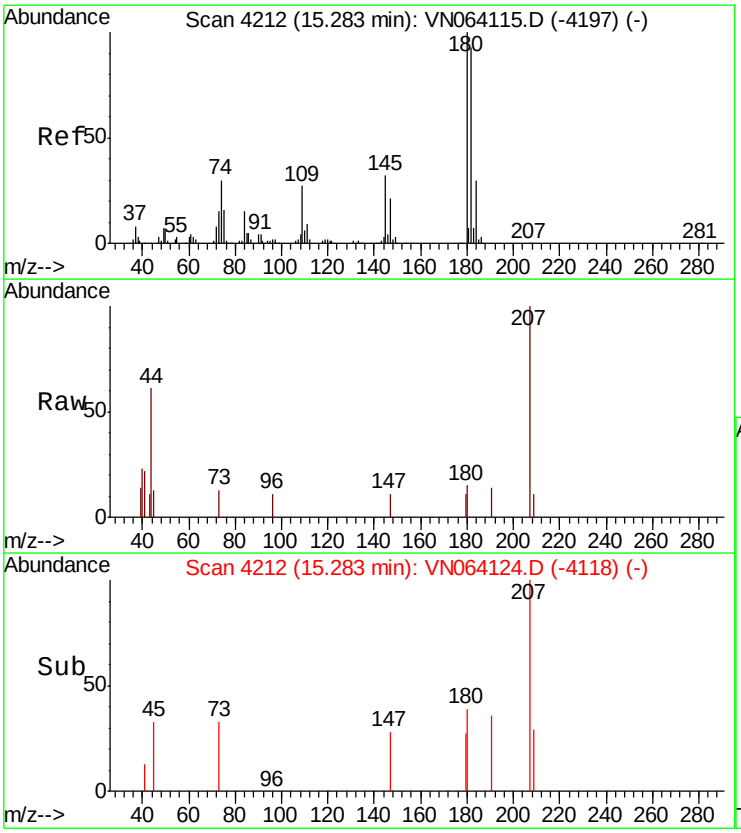
#95
Naphthalene
Concen: 3.820 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Instrument : MSVOA_N
ClientSampleId : PB132344ZHE#08

Tgt Ion:128 Resp: 234

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 2.859 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064124.D
Acq: 14 Oct 2020 20:08

Tgt Ion:180 Resp: 159

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.6	139.8#
145	0.0	16.1	48.2#