Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059653.D
Acq On : 18 Dec 2019 16:48
Operator : JC/SP
Sample : K6309-05 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 19 04:29:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	229880	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	369315	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	325147	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130229	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	166534	49.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.56%				
35) Dibromofluoromethane	7.57	113	115533	50.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.00%				
50) Toluene-d8	10.08	98	455830	49.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.64%				
62) 4-Bromofluorobenzene	12.40	95	149952	44.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.84%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.75	59	39521	64.444	ug/l		99
16) Acetone	3.79	43	49895	25.123	ug/l		98
17) Carbon Disulfide	4.02	76	760	1.971	ug/l	#	75
18) Methyl Acetate	4.31	43	6537	1.571	ug/l	#	88
19) Methyl tert-butyl Ether	5.01	73	33597	3.946	ug/l		97
20) Methylene Chloride	4.52	84	2896	1.010	ug/l	#	81
25) 2-Butanone	6.82	43	6938	2.921	ug/l	#	87
26) 2,2-Dichloropropane	6.79	77	1208	0.257	ug/l	#	55
31) Cyclohexane	7.64	56	5651	1.157	ug/l	#	18
36) 1,1-Dichloropropene	7.64	75	19372	5.030	ug/l	#	49
37) Ethyl Acetate	6.82	43	6938	1.550	ug/l	#	69
38) Carbon Tetrachloride	7.64	117	22468	5.622	ug/l	#	16
40) Benzene	8.02	78	5252	0.467	ug/l		96
43) Isopropyl Acetate	7.99	43	15395	2.212	ug/l	#	56
48) Methyl methacrylate	9.16	41	1259	0.399	ug/l	#	36
51) 4-Methyl-2-Pentanone	9.97	43	3656	0.881	ug/l		91
52) Toluene	10.14	92	26090	3.773	ug/l		96
53) t-1,3-Dichloropropene	10.23	75	1027	0.224	ug/l	#	43
59) 2-Hexanone	10.75	43	2161	0.661	ug/l		79
67) Ethyl Benzene	11.50	91	15516	1.222	ug/l		99
68) m/p-Xylenes	11.61	106	25473	5.432	ug/l		99
69) o-Xylene	11.94	106	10718	2.402	ug/l		90
71) Bromoform	12.40	173	647	0.322	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	78938	24.485	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	1862	0.215	ug/l		90
81) trans-1,4-Dichloro-2-buten	12.40	75	78938	60.476	ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.03	105	5220	0.607	ug/l		97
86) p-Isopropyltoluene	13.29	119	11228	1.272	ug/l		97
90) Hexachloroethane	13.89	117	1499	0.898	ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	14.25	75	407	2.055	ug/l	#	6
95) Naphthalene	15.12	128	5240	0.596	ug/l		98
96) 1,2,3-Trichlorobenzene	15.29	180	608	0.204	ug/l	#	78

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059653.D
Acq On : 18 Dec 2019 16:48
Operator : JC/SP
Sample : K6309-05 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 19 04:29:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059653.D
Acq On : 18 Dec 2019 16:48
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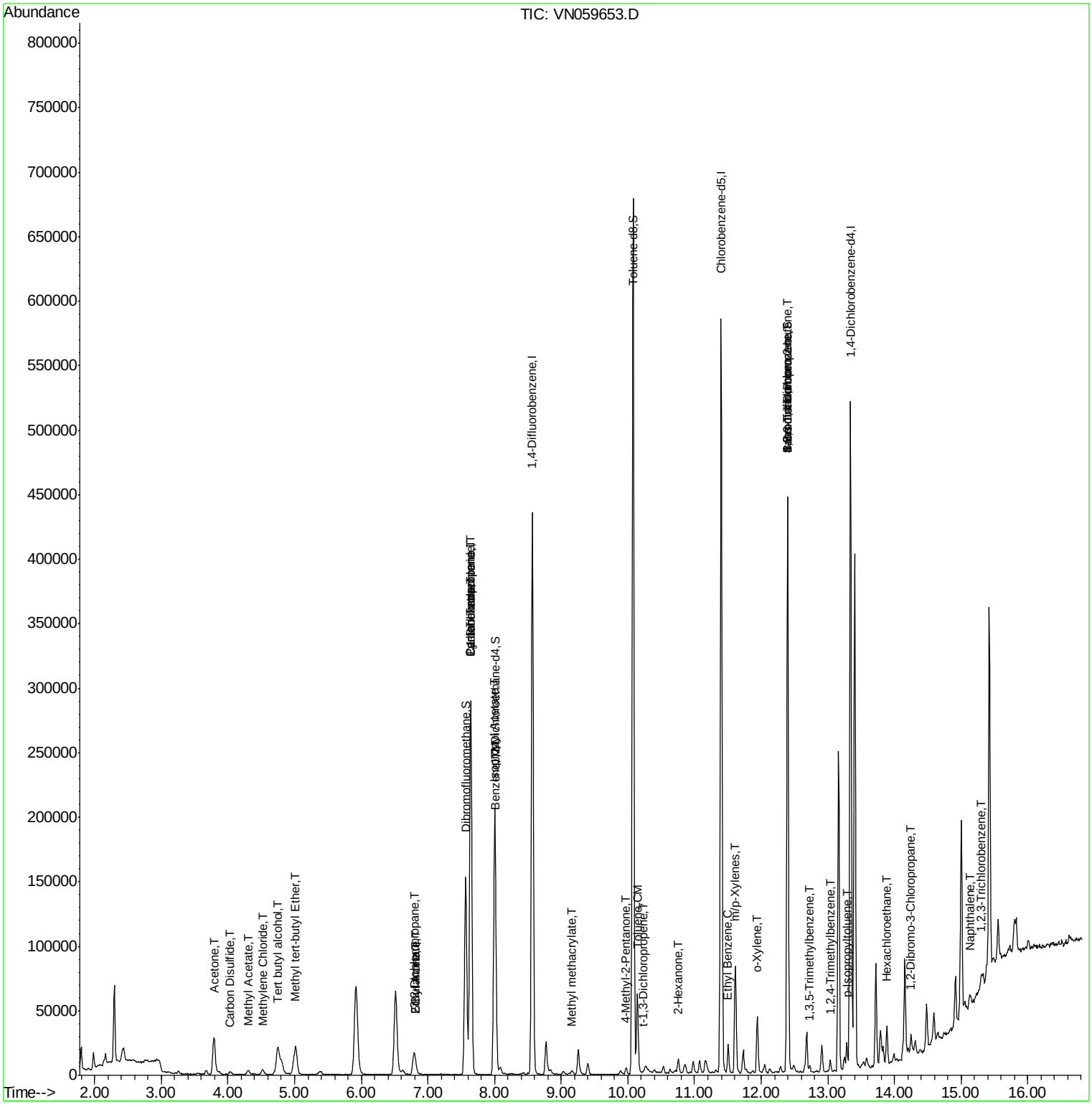
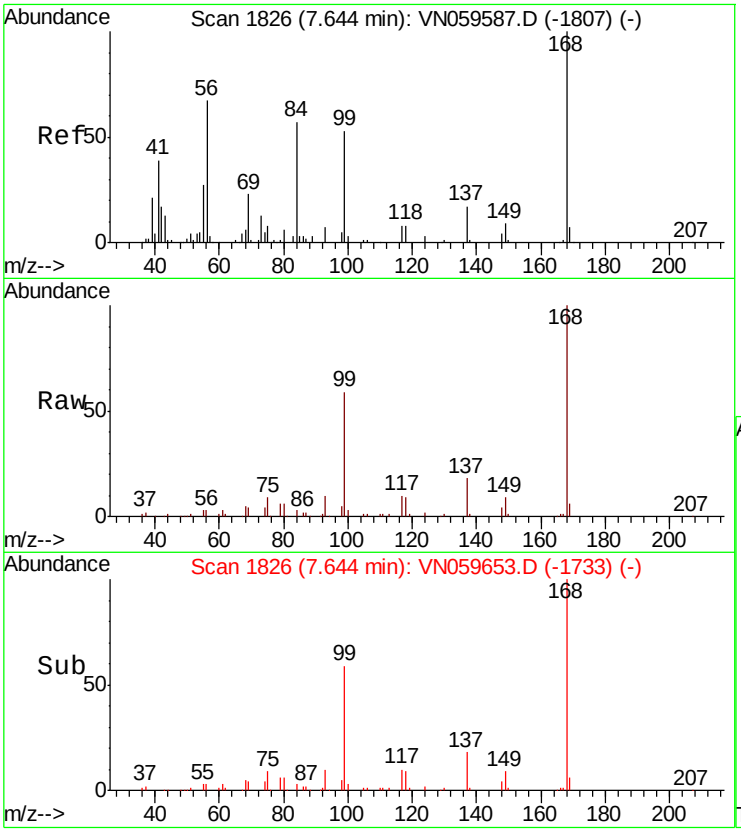
ClientSampleId :

Quant Time: Dec 19 04:29:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration



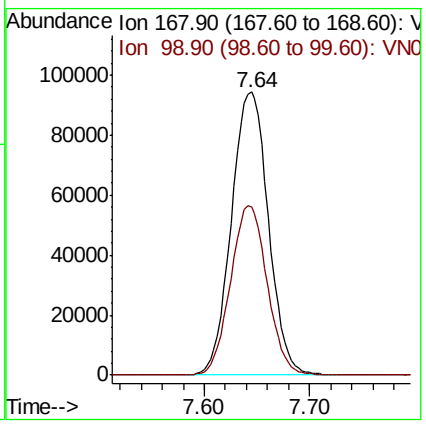


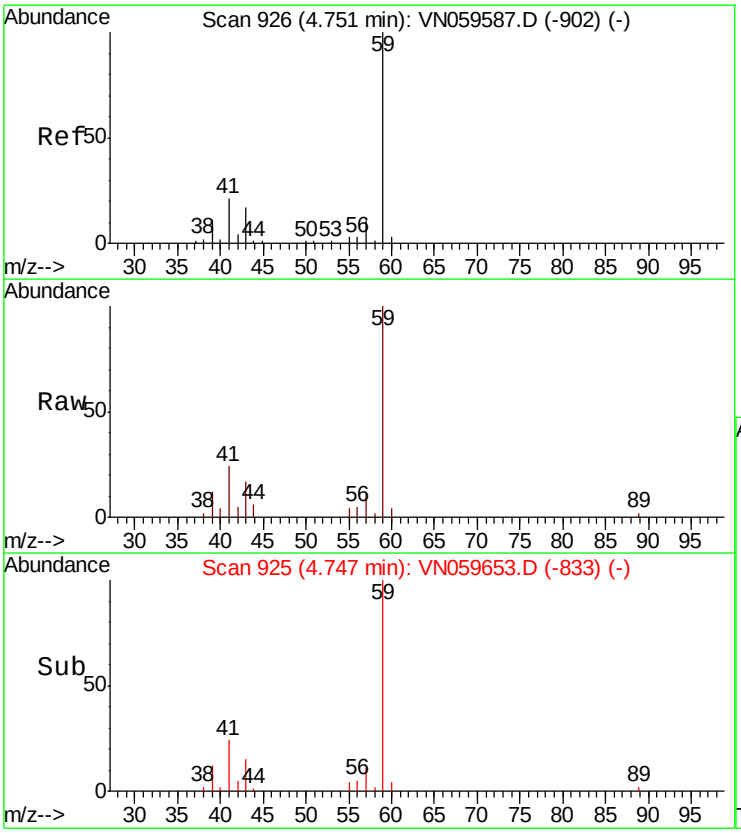
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 229880

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.2	72.4

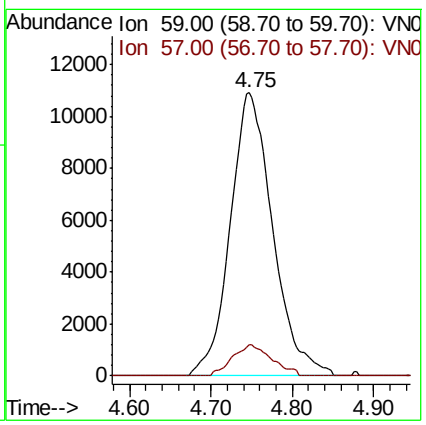


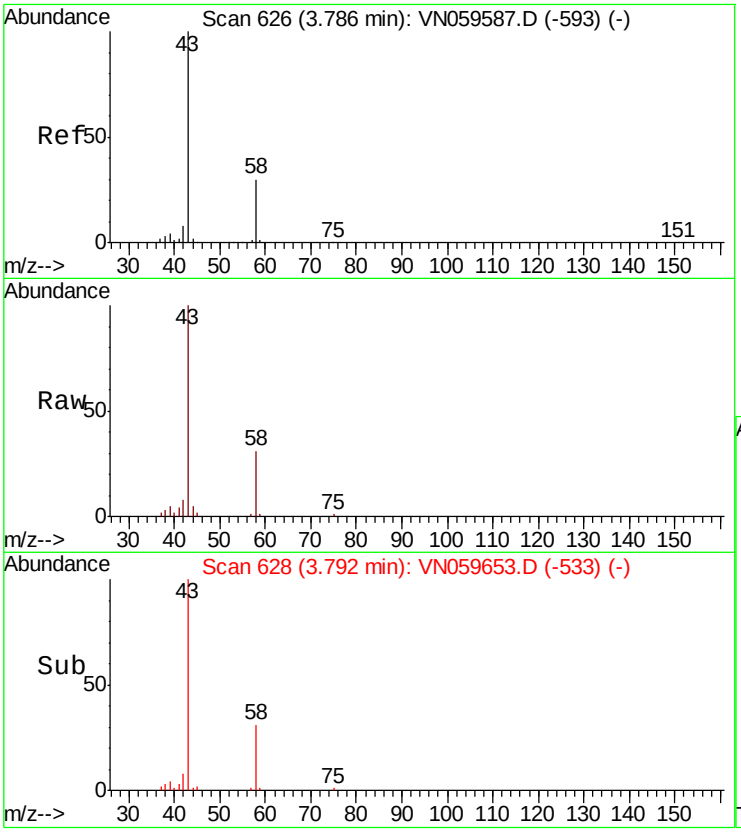


#11
Tert butyl alcohol
Concen: 64.444 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 59 Resp: 39521

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8



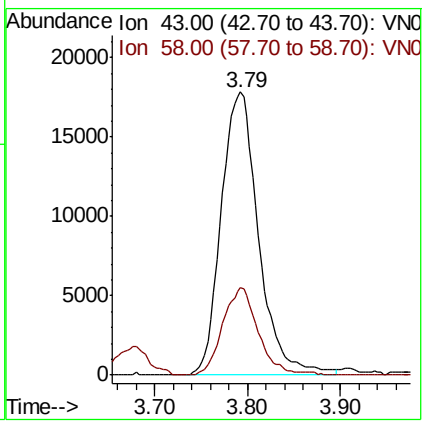


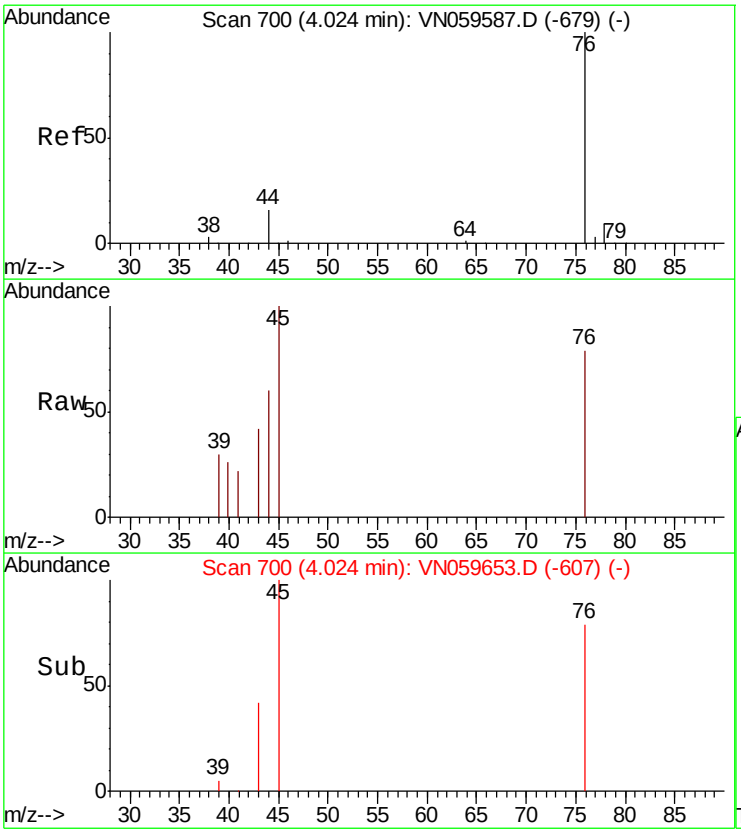
#16
Acetone
Concen: 25.123 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 49895

Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.6	35.4

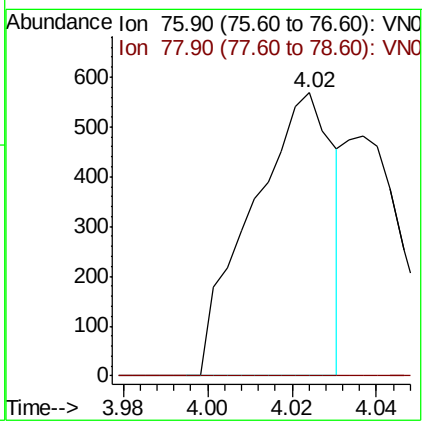


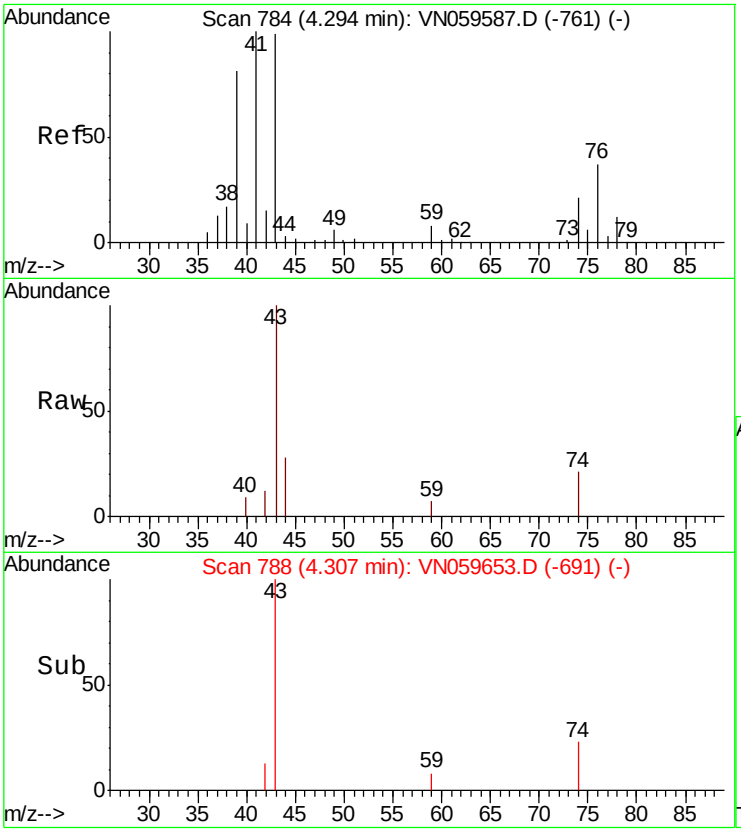


#17
Carbon Disulfide
Concen: 1.971 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 76 Resp: 760

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



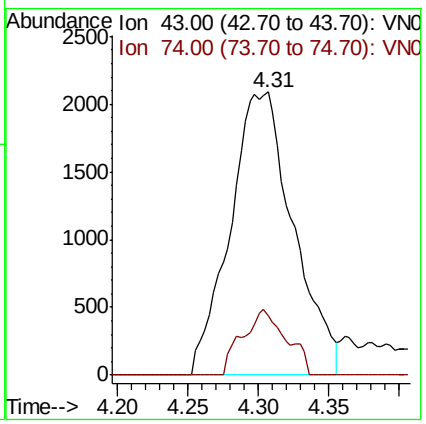


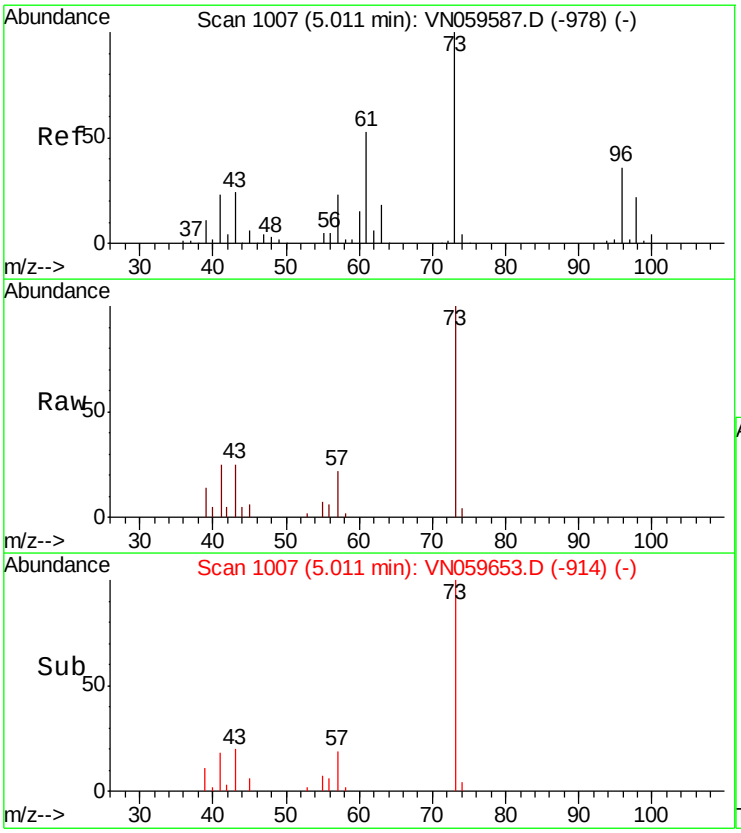
#18
Methyl Acetate
Concen: 1.571 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6537

Ion	Ratio	Lower	Upper
43	100		
74	16.1	17.5	26.3#

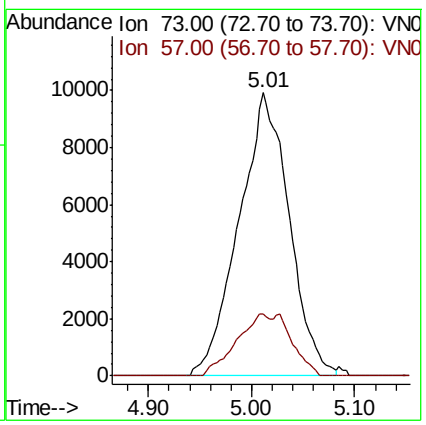


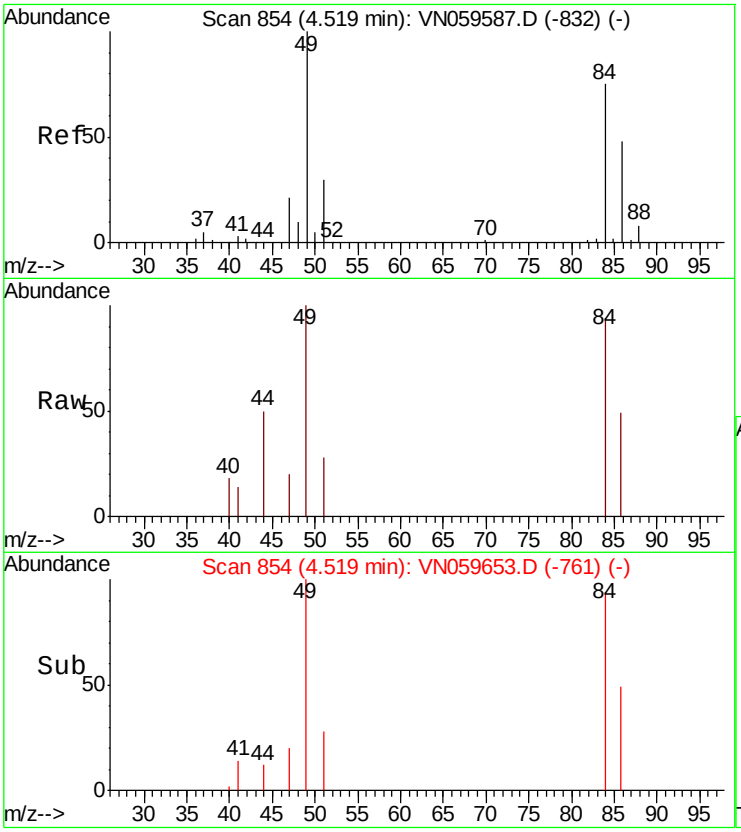


#19
Methyl tert-butyl Ether
Concen: 3.946 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 73 Resp: 33597

Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.6	27.8



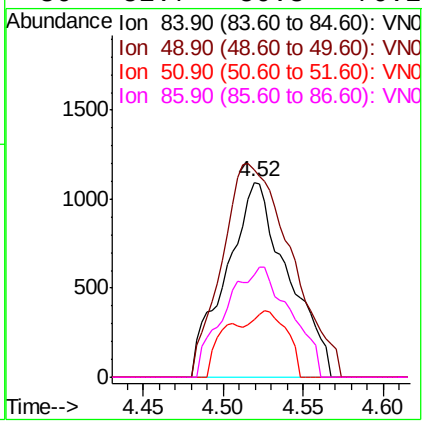


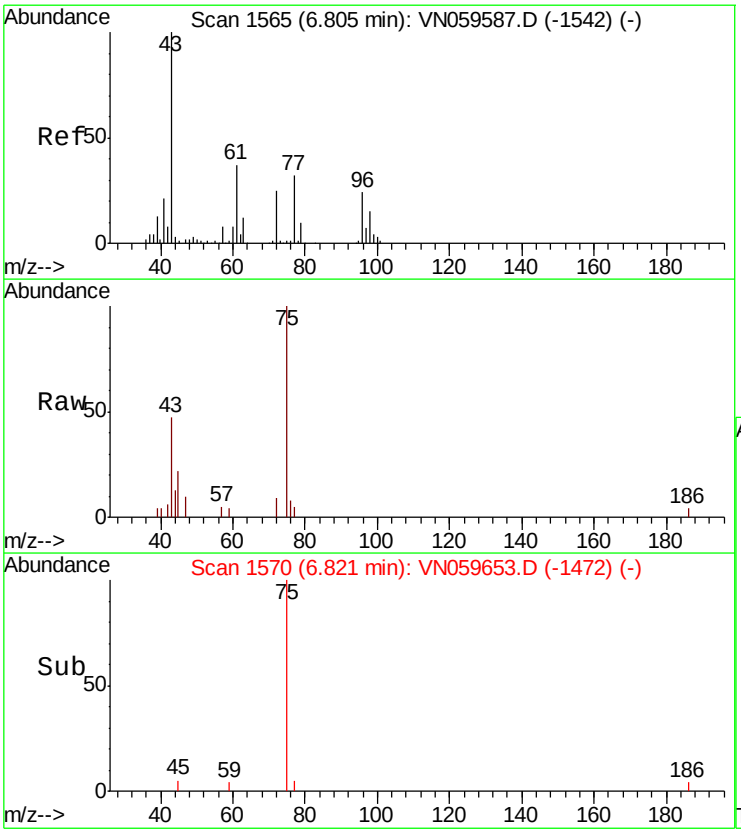
#20
Methylene Chloride
Concen: 1.010 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 2896

Ion	Ratio	Lower	Upper
84	100		
49	106.7	106.6	160.0
51	29.6	31.9	47.9#
86	52.7	50.8	76.2

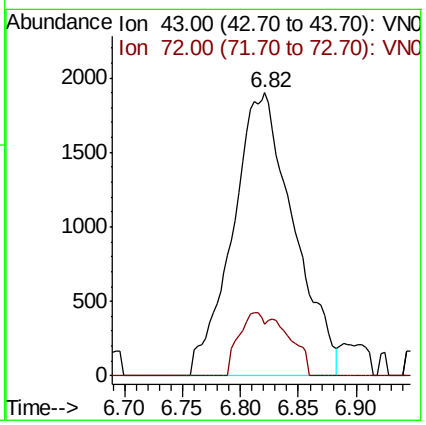


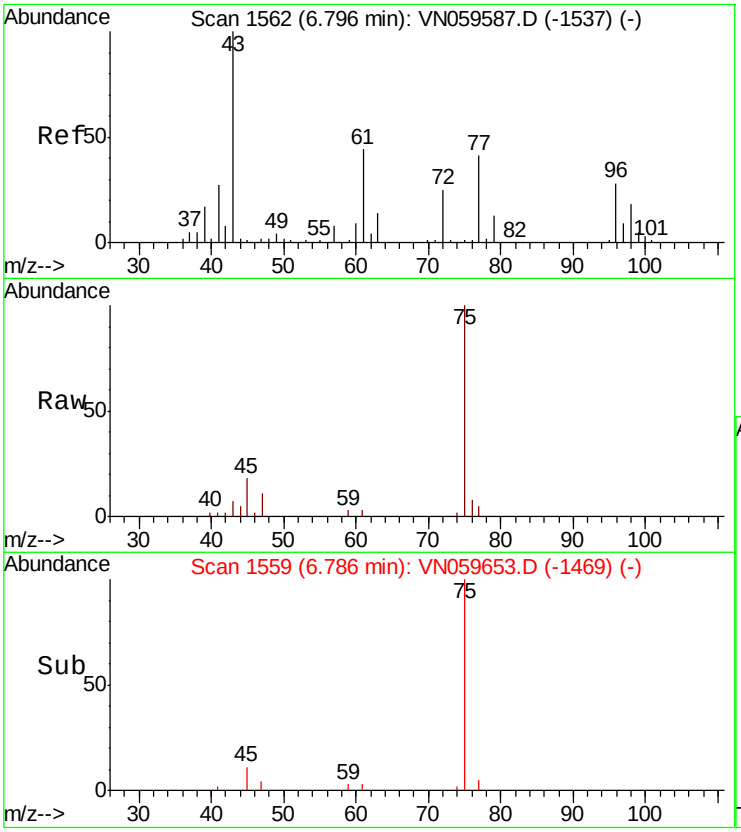


#25
2-Butanone
Concen: 2.921 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 43 Resp: 6938

Ion	Ratio	Lower	Upper
43	100		
72	18.4	19.9	29.9#



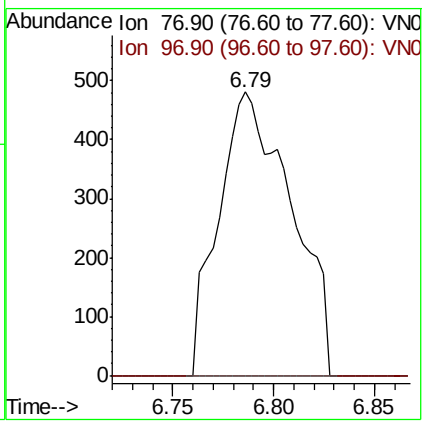


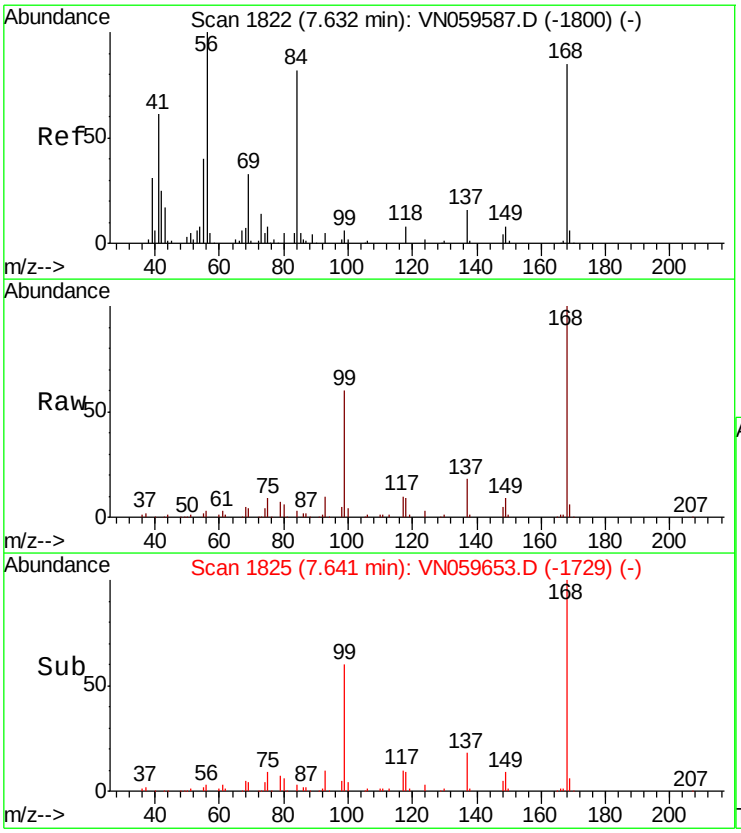
#26
2,2-Dichloropropane
Concen: 0.257 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 1208

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.7	31.9#

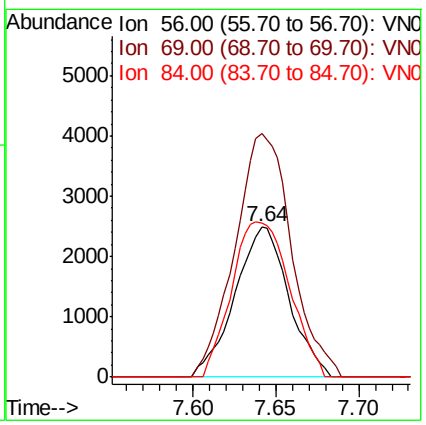


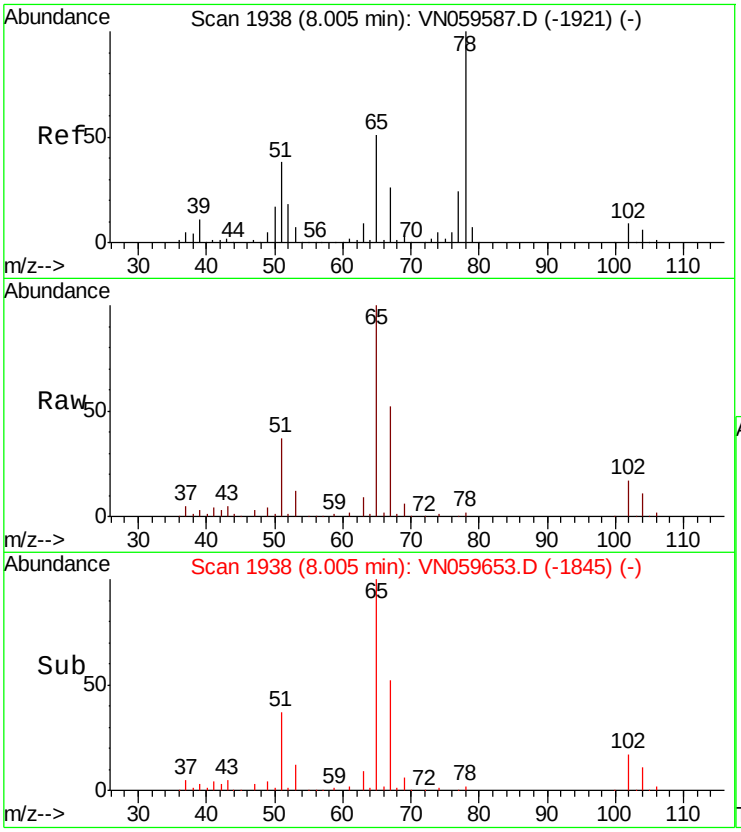


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 56 Resp: 5651

Ion	Ratio	Lower	Upper
56	100		
69	161.6	26.5	39.7#
84	102.4	65.3	97.9#



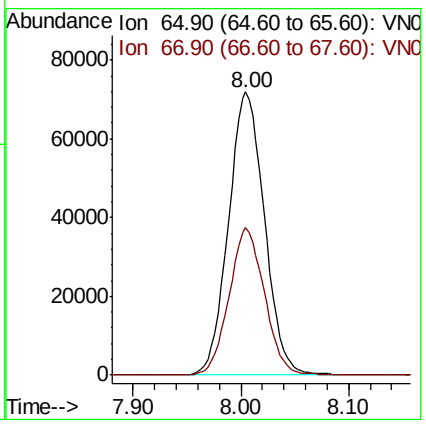


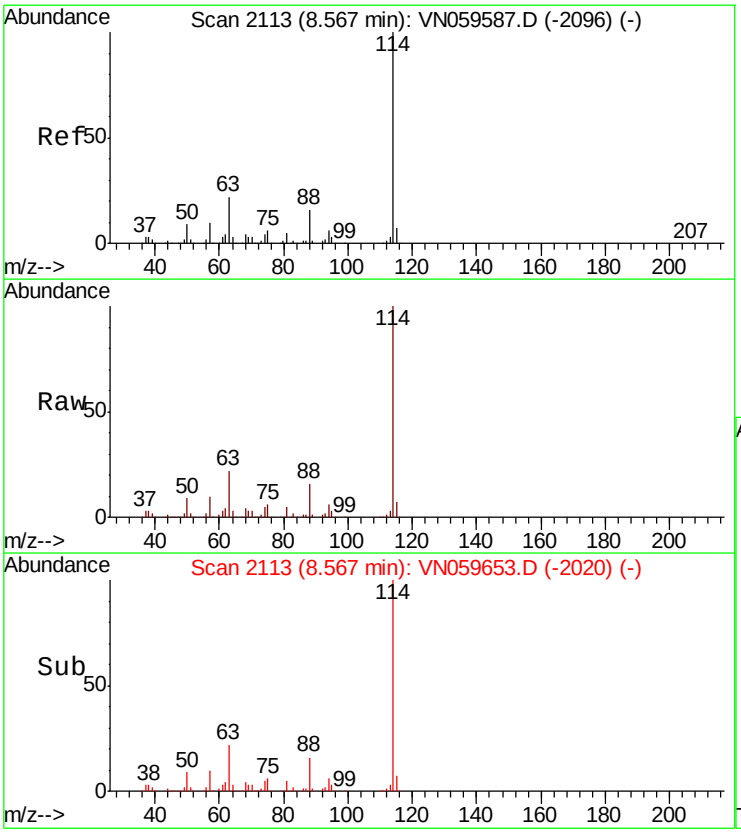
#33
1,2-Dichloroethane-d4
Concen: 49.784 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 166534

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

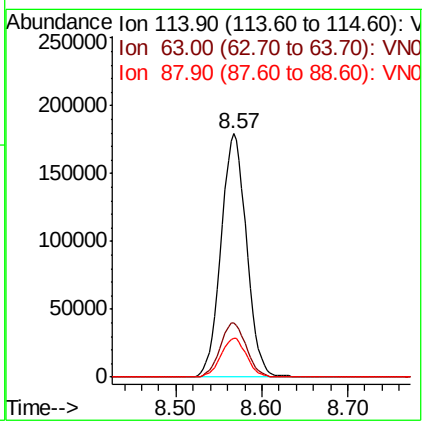


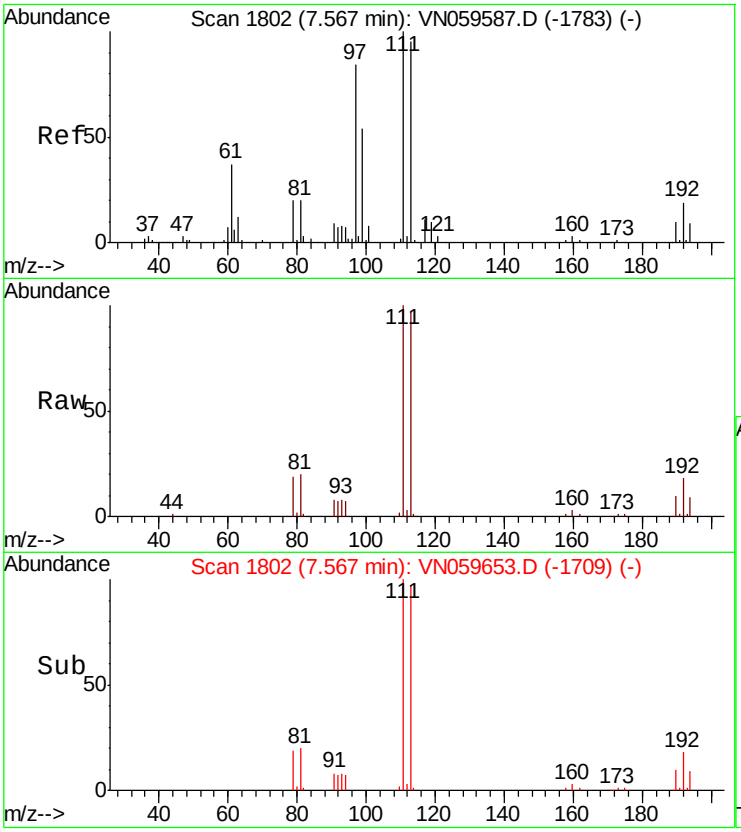


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:114 Resp: 369315

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.6
88	16.2	0.0	31.4



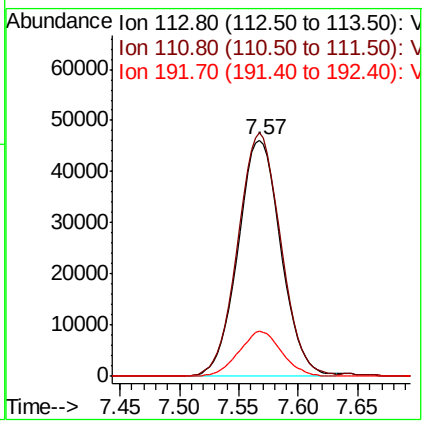


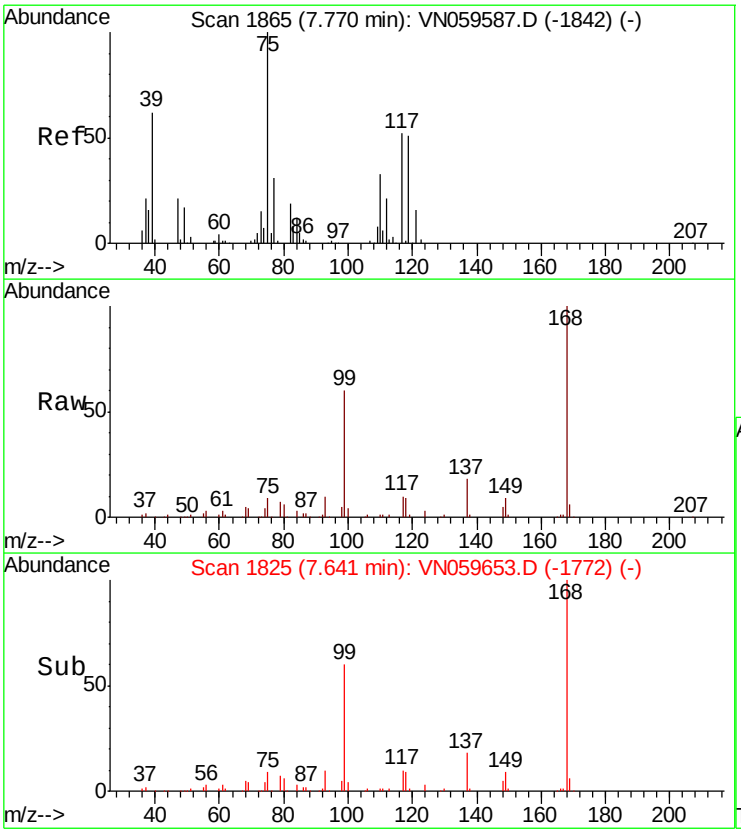
#35
Dibromofluoromethane
Concen: 49.998 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 115533

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	19.0	15.4	23.2

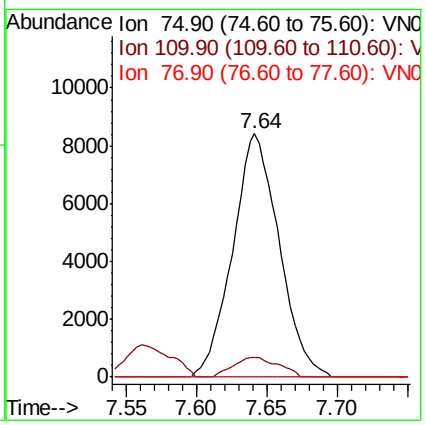


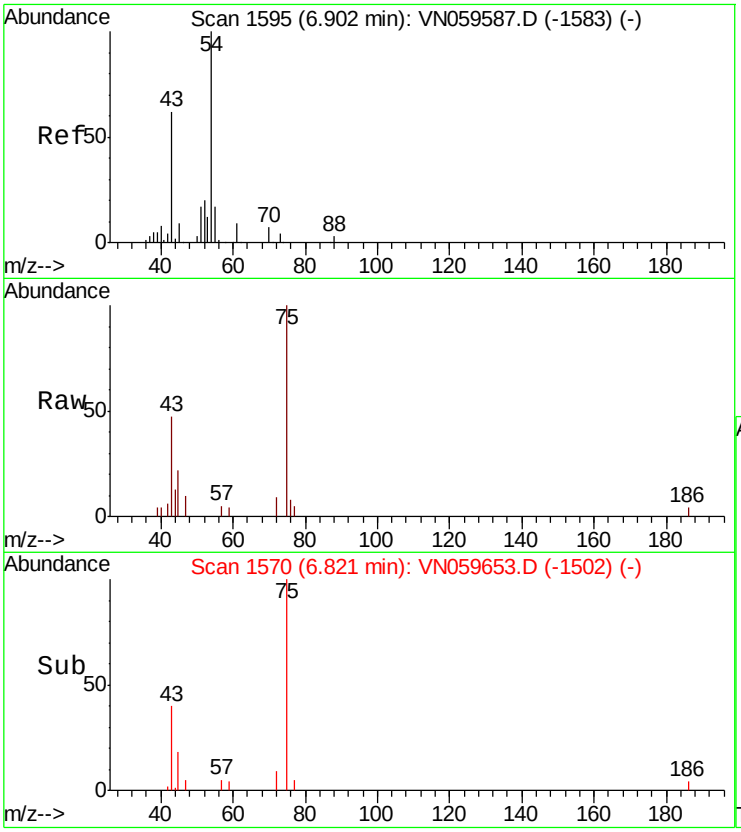


#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 75 Resp: 19372

Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.6	49.7#
77	0.0	25.1	37.7#



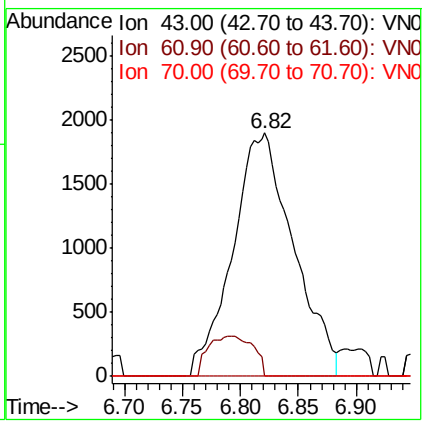


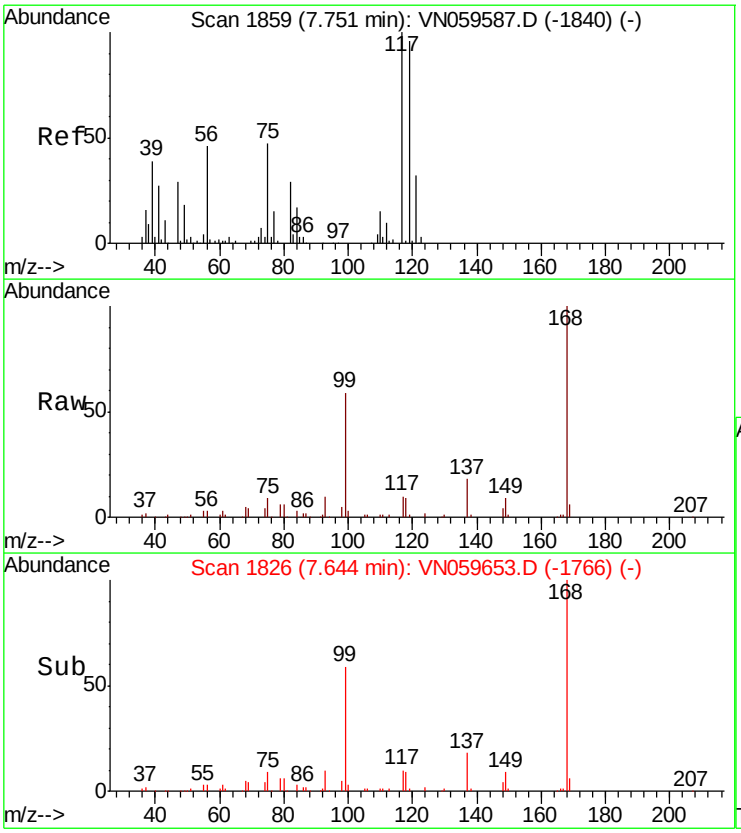
#37
Ethyl Acetate
Concen: 1.550 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.08 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6938

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#

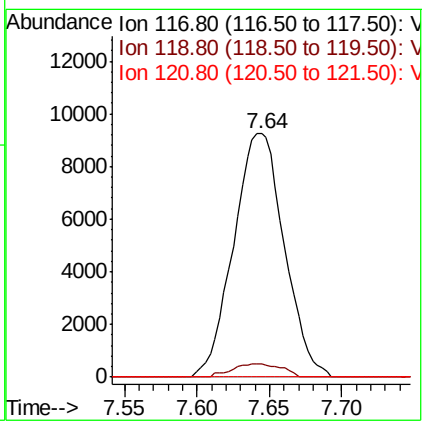


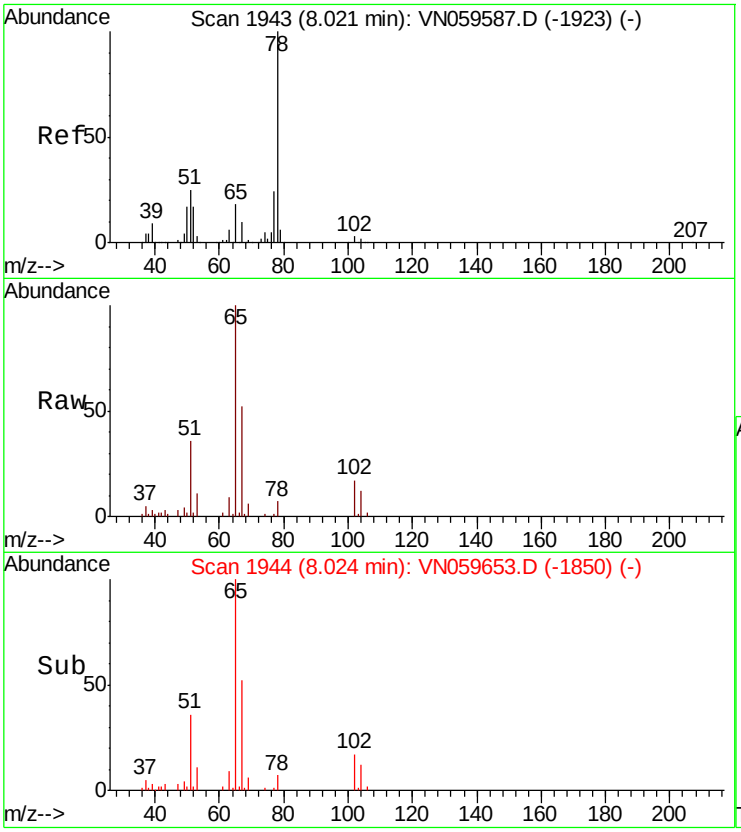


#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:117 Resp: 22468

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.5	114.7#
121	0.0	25.1	37.7#



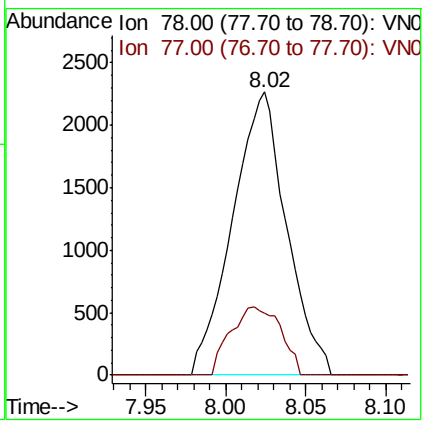


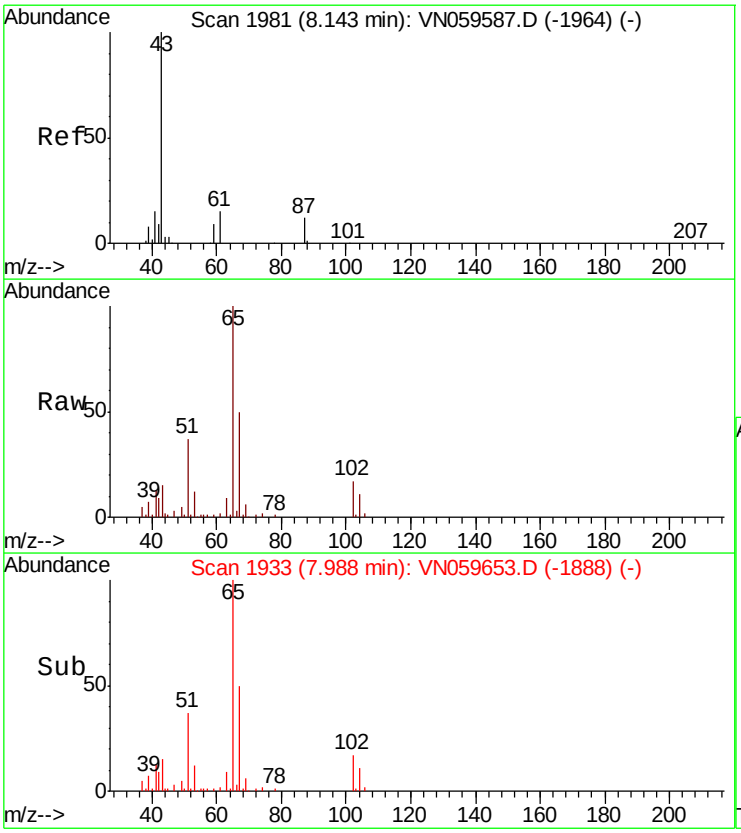
#40
Benzene
Concen: 0.467 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 78 Resp: 5252

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.9	28.3

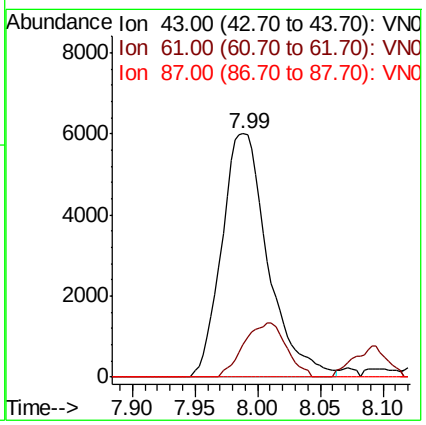


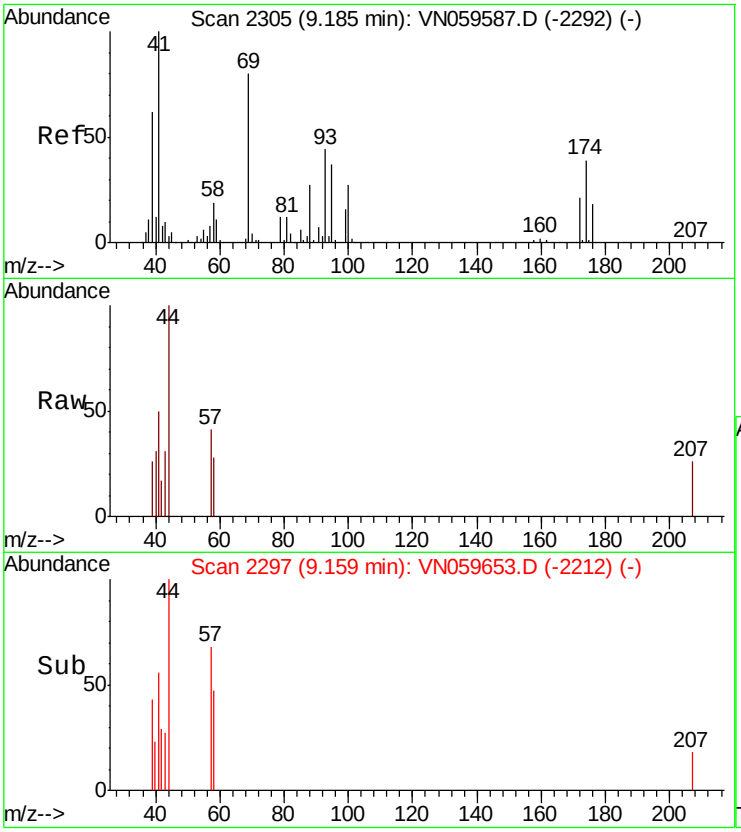


#43
Isopropyl Acetate
Concen: 2.212 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.15 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 43 Resp: 15395

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.0	9.5	14.3#



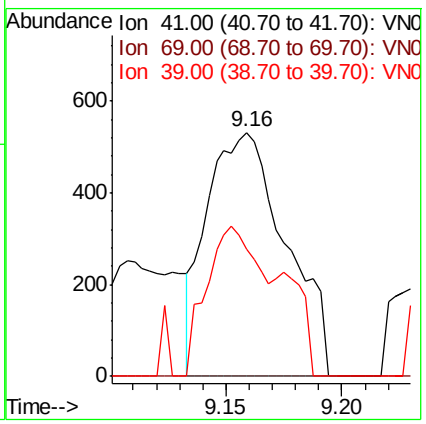


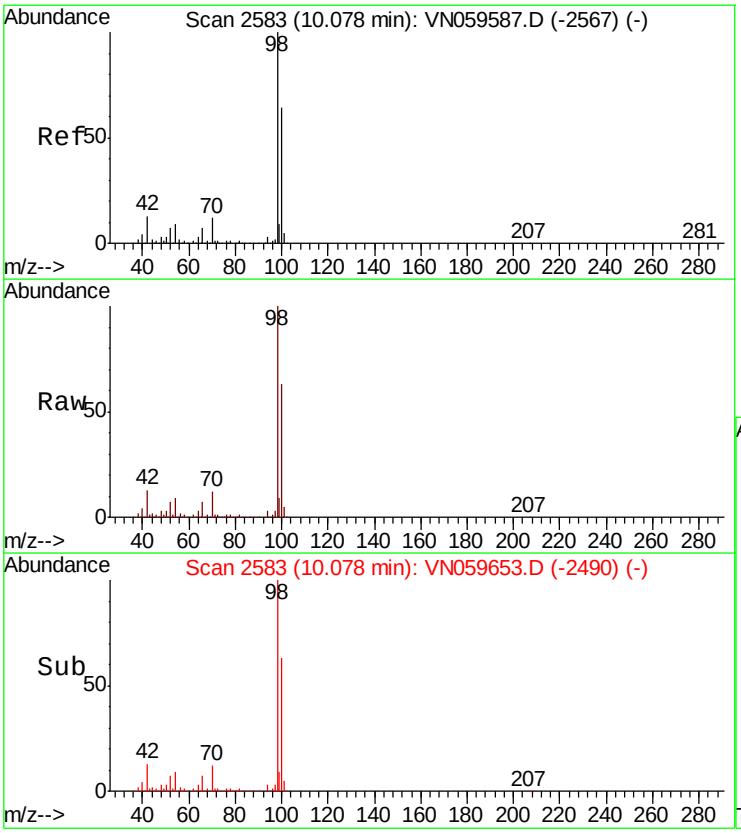
#48
Methyl methacrylate
Concen: 0.399 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.03 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 1259

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.4	96.6#
39	41.3	51.3	76.9#

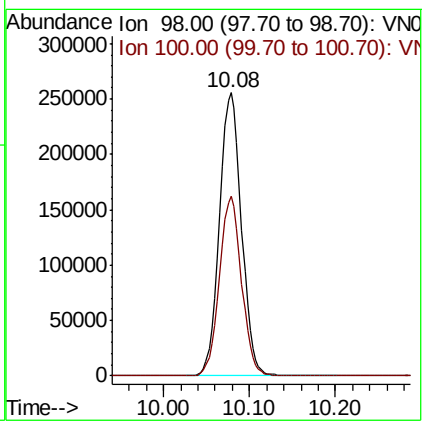


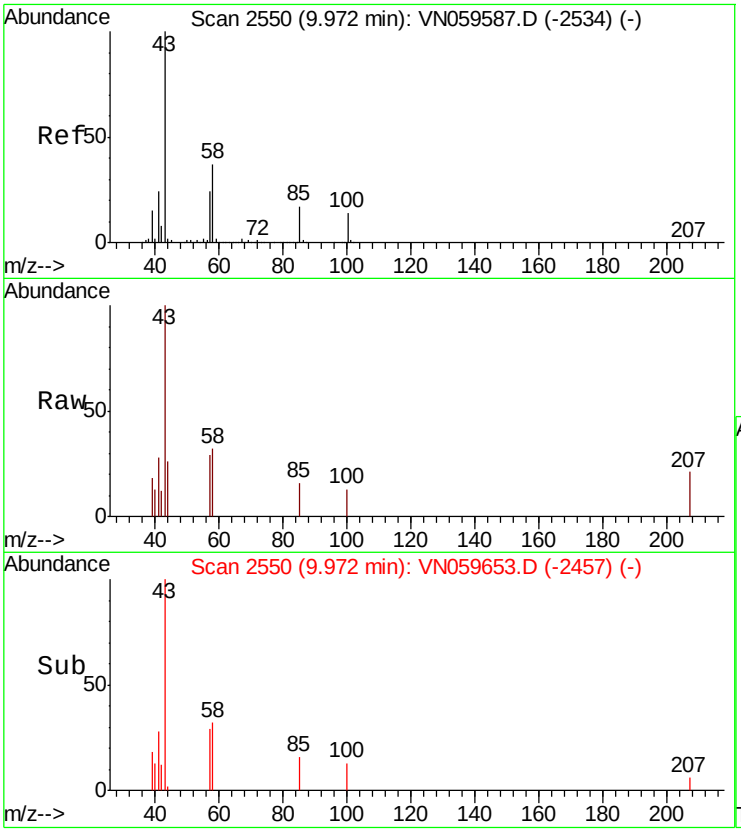


#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 98 Resp: 455830

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8



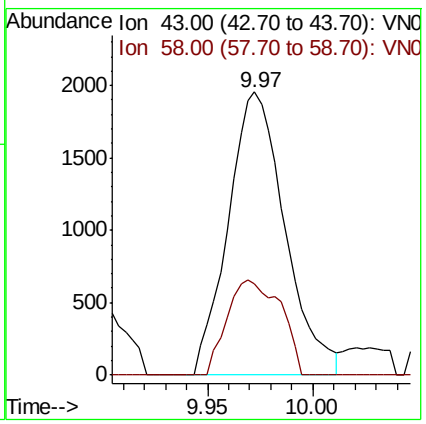


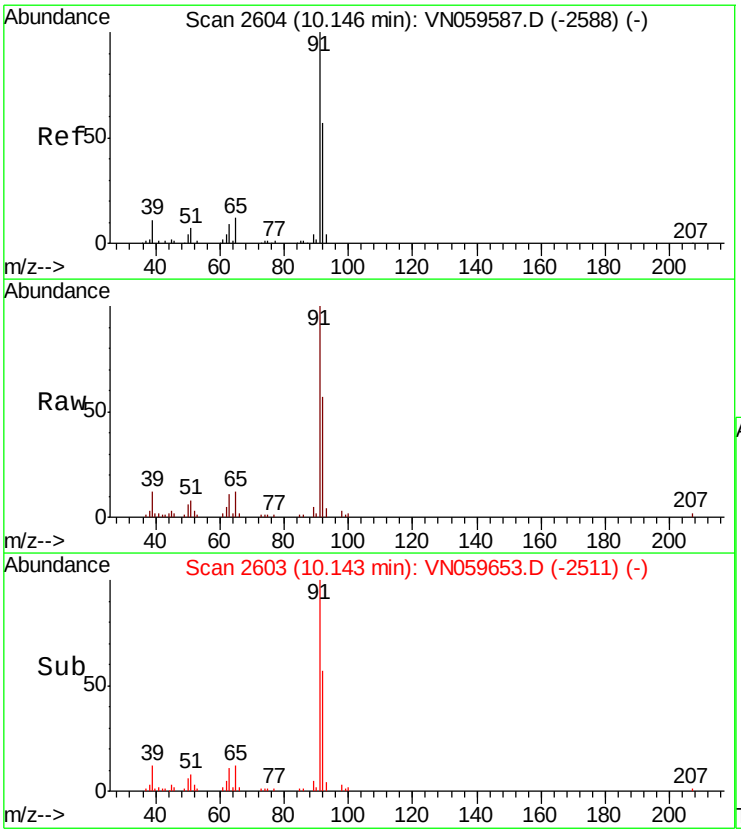
#51
4-Methyl-2-Pentanone
Concen: 0.881 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3656

Ion	Ratio	Lower	Upper
43	100		
58	31.6	29.8	44.8

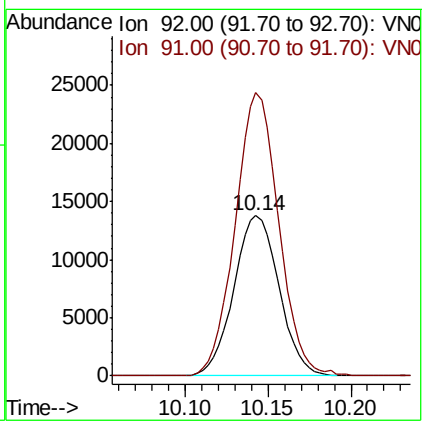


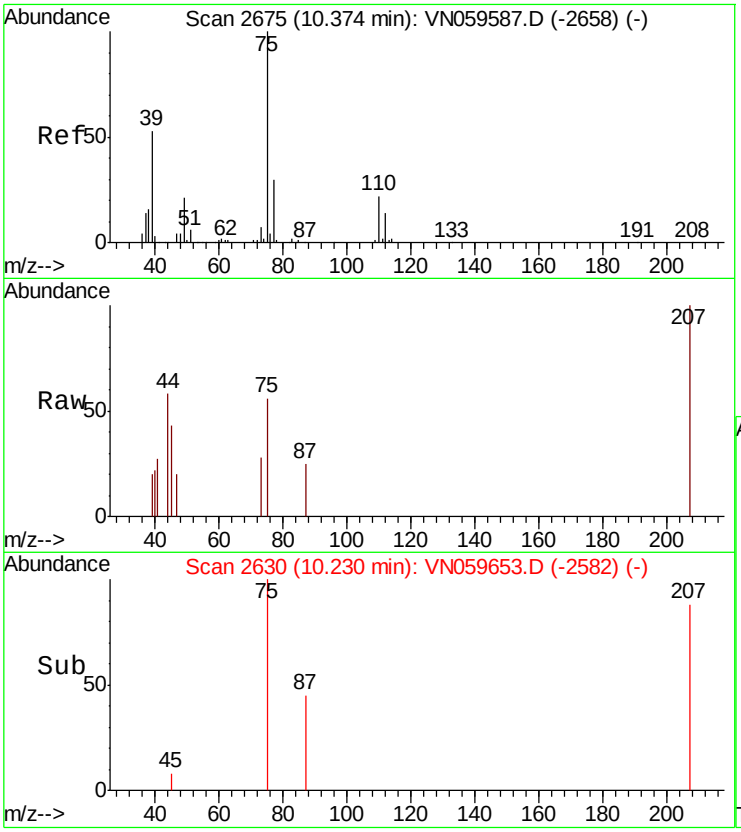


#52
Toluene
Concen: 3.773 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 92 Resp: 26090

Ion	Ratio	Lower	Upper
92	100		
91	170.5	140.4	210.6



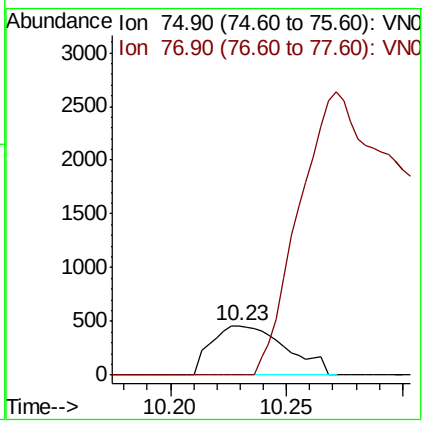


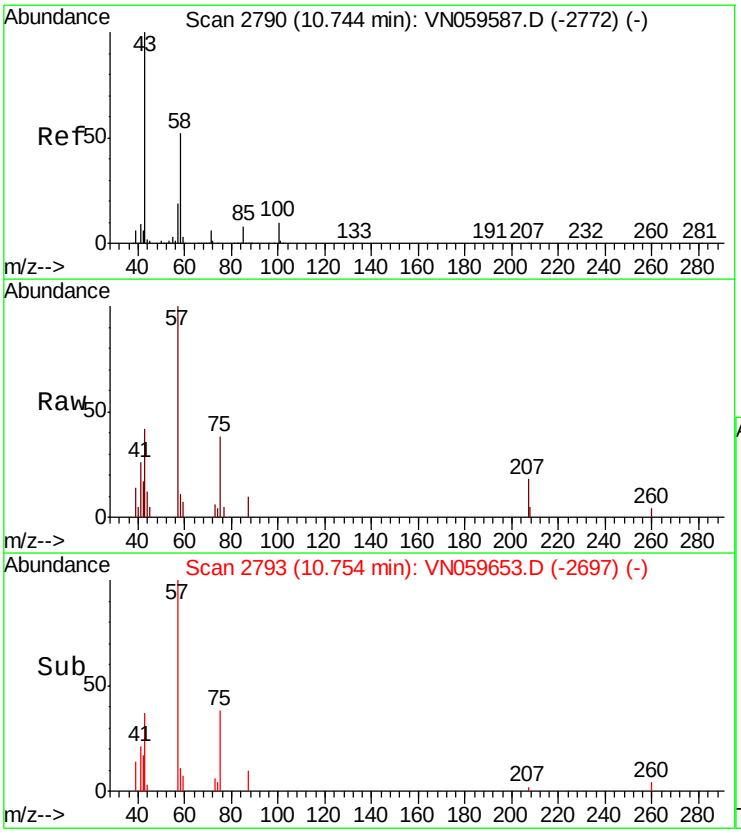
#53
t-1,3-Dichloropropene
Concen: 0.224 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.14 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1027

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

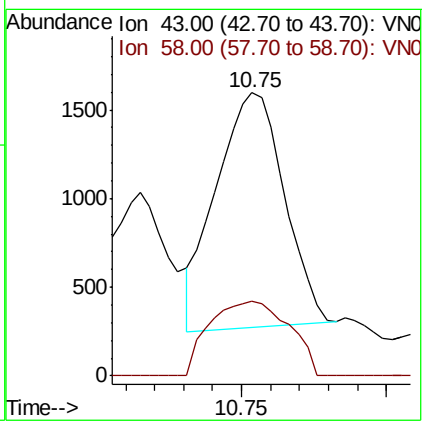


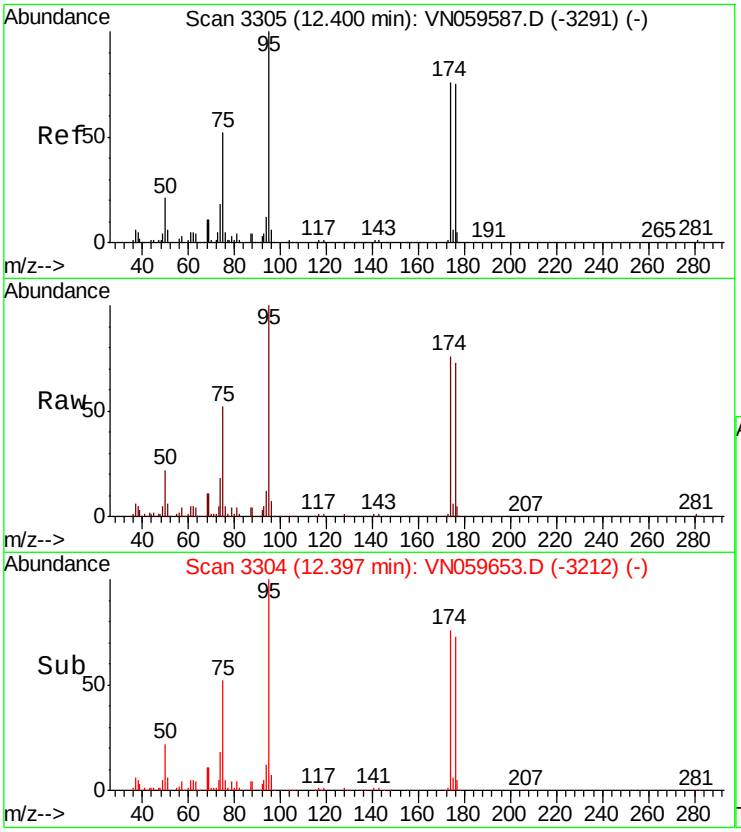


#59
2-Hexanone
Concen: 0.661 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 43 Resp: 2161

Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.8	77.3



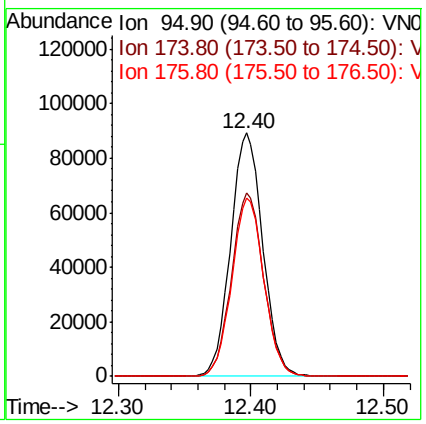


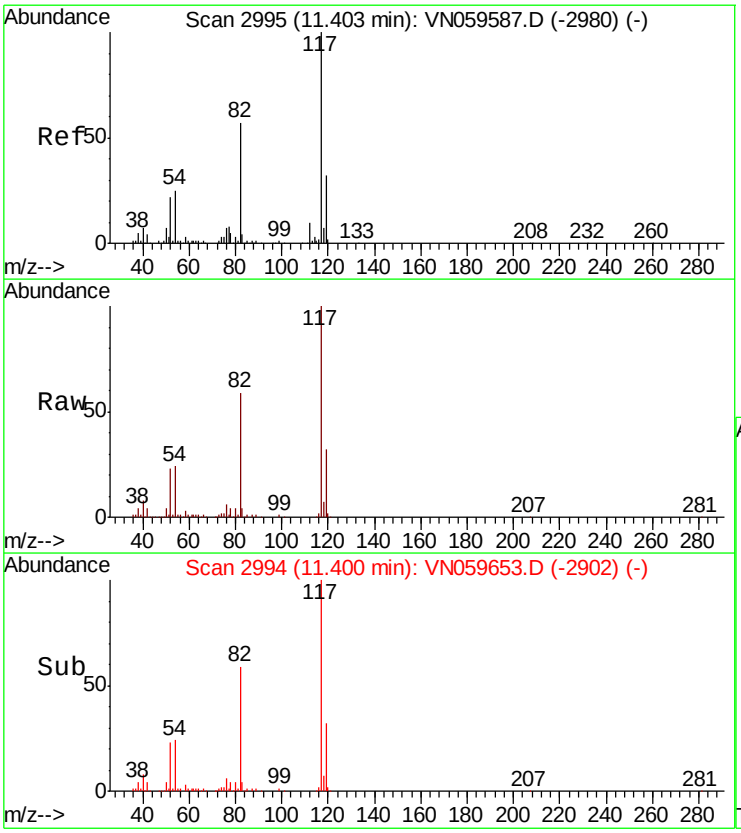
#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 149952

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	151.4
176	73.1	0.0	146.0

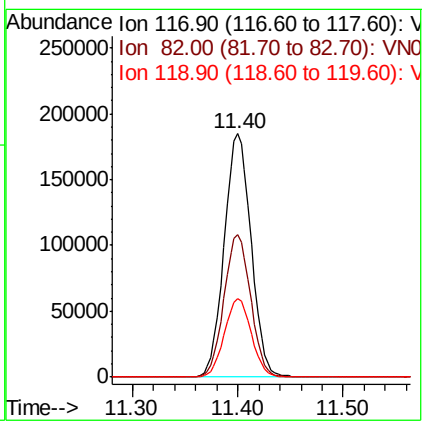


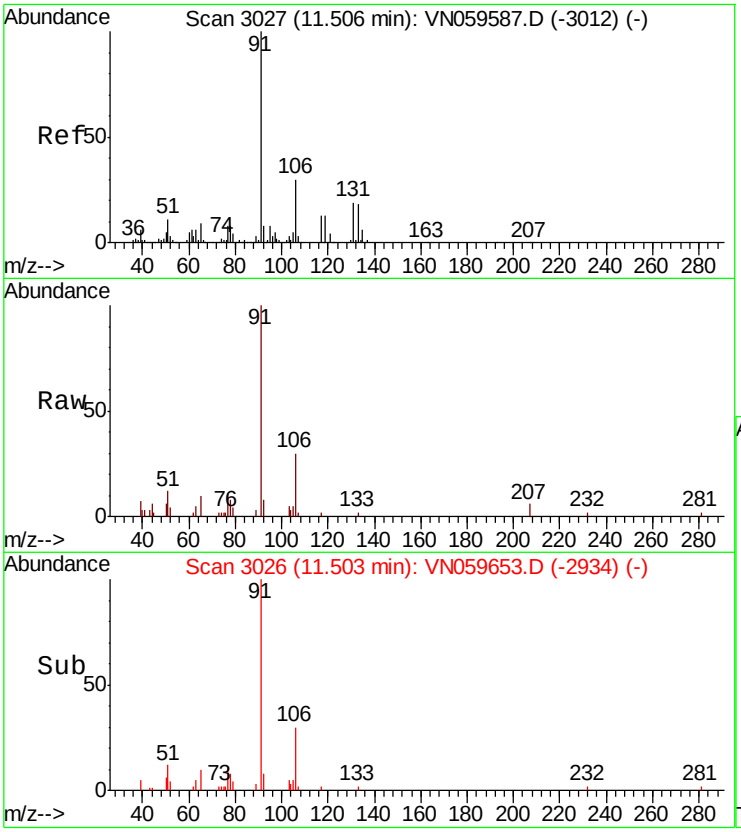


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:117 Resp: 325147

Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.9	68.9
119	32.3	25.5	38.3



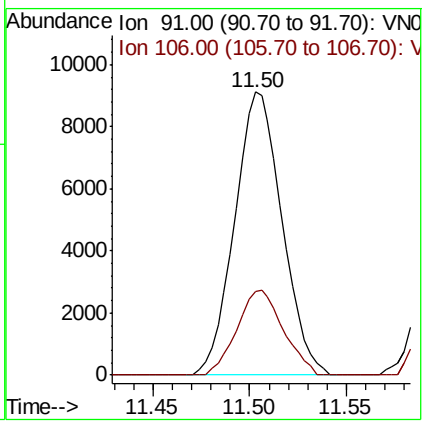


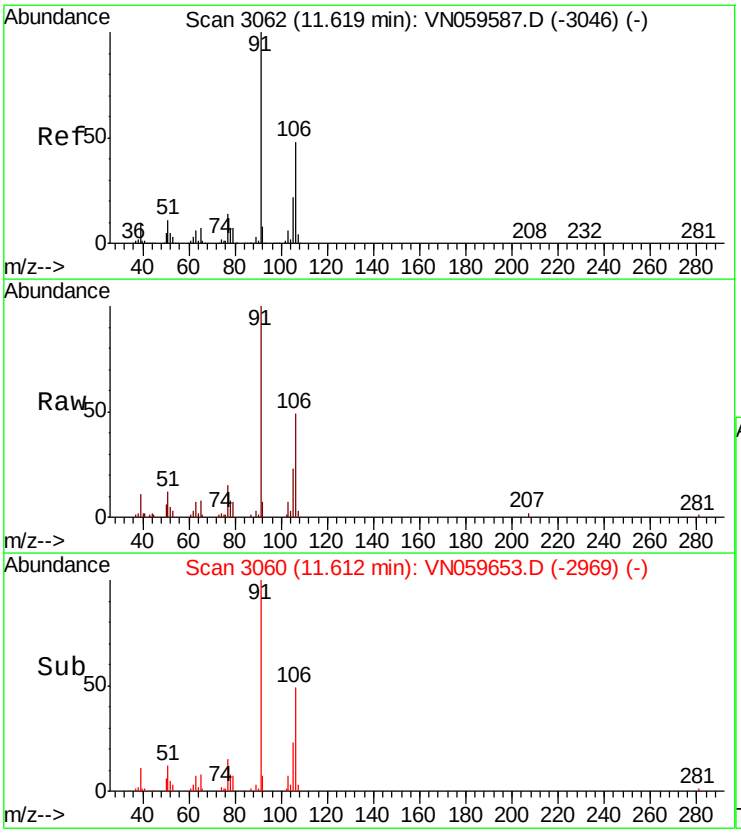
#67
Ethyl Benzene
Concen: 1.222 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 15516

Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.1	36.1

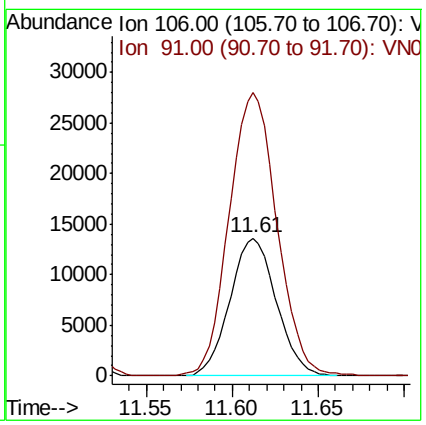


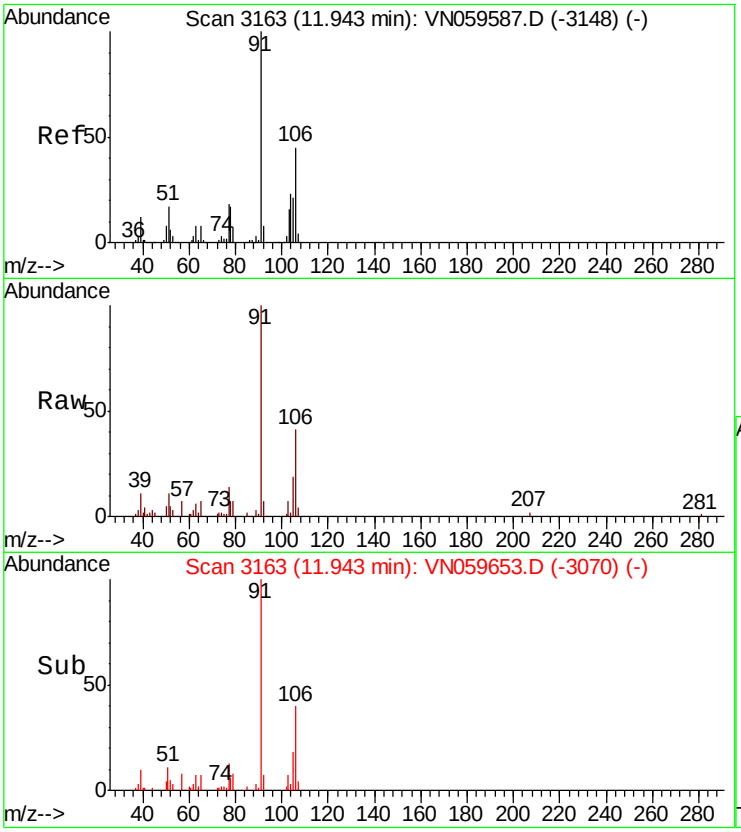


#68
m/p-Xylenes
Concen: 5.432 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:106 Resp: 25473

Ion	Ratio	Lower	Upper
106	100		
91	212.0	167.9	251.9



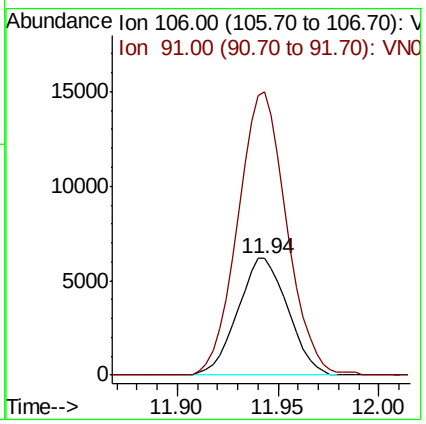


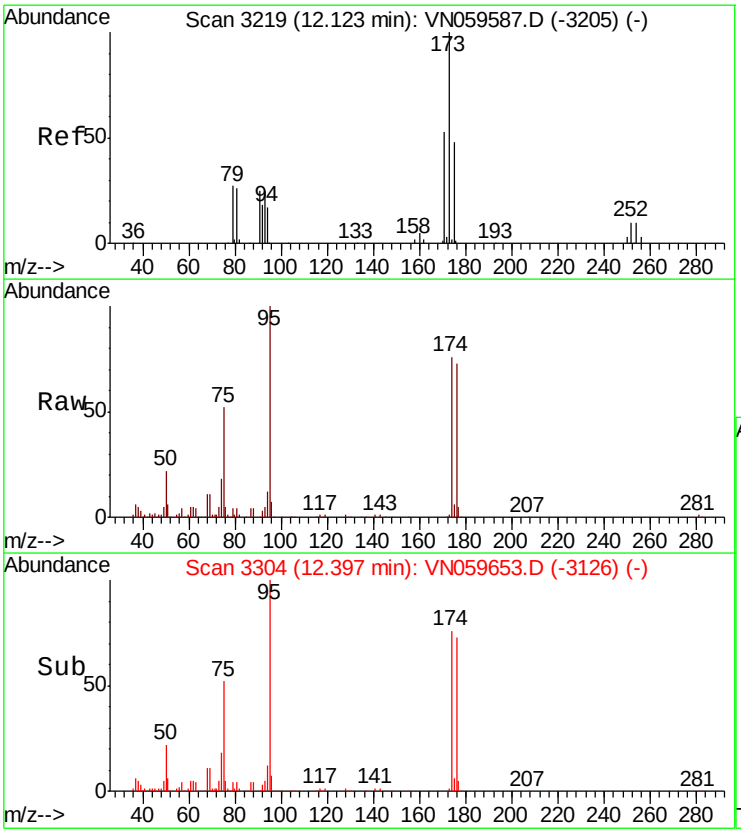
#69
o-Xylene
Concen: 2.402 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 10718

Ion	Ratio	Lower	Upper
106	100		
91	237.0	110.3	330.9

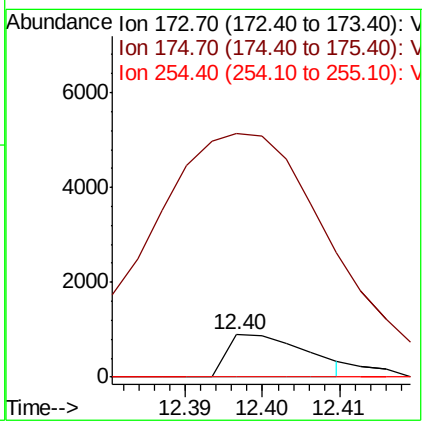


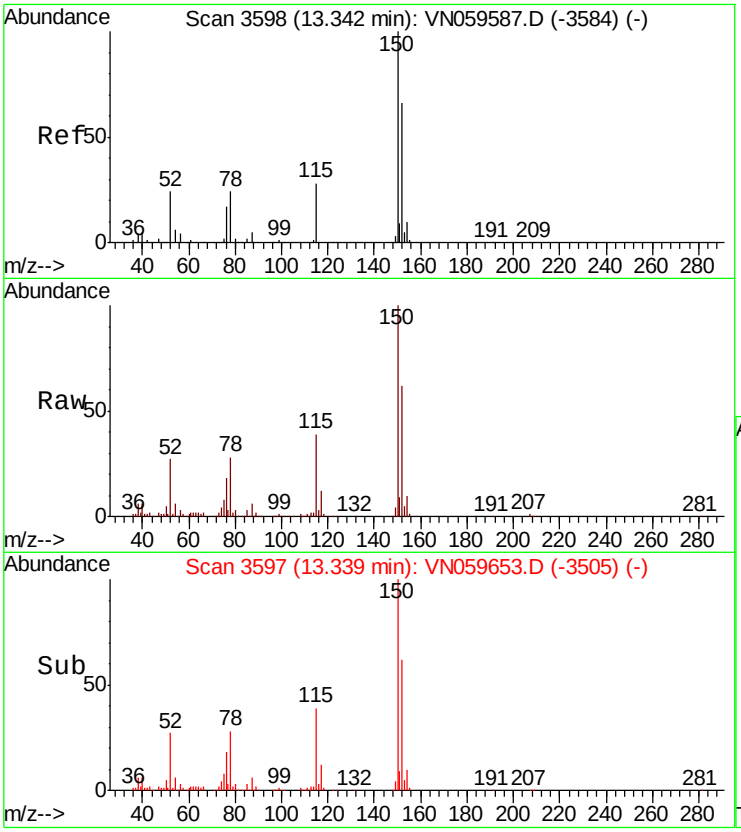


#71
Bromoform
Concen: 0.322 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:173 Resp: 647

Ion	Ratio	Lower	Upper
173	100		
175	1209.4	23.8	71.4#
254	0.0	0.0	0.0



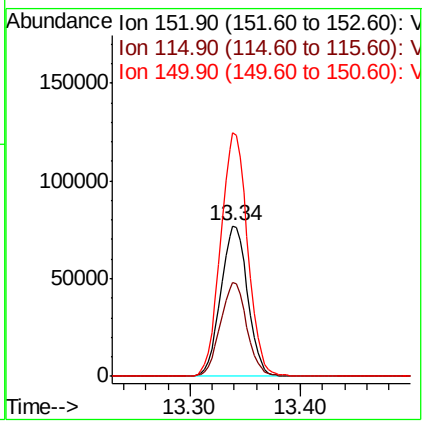


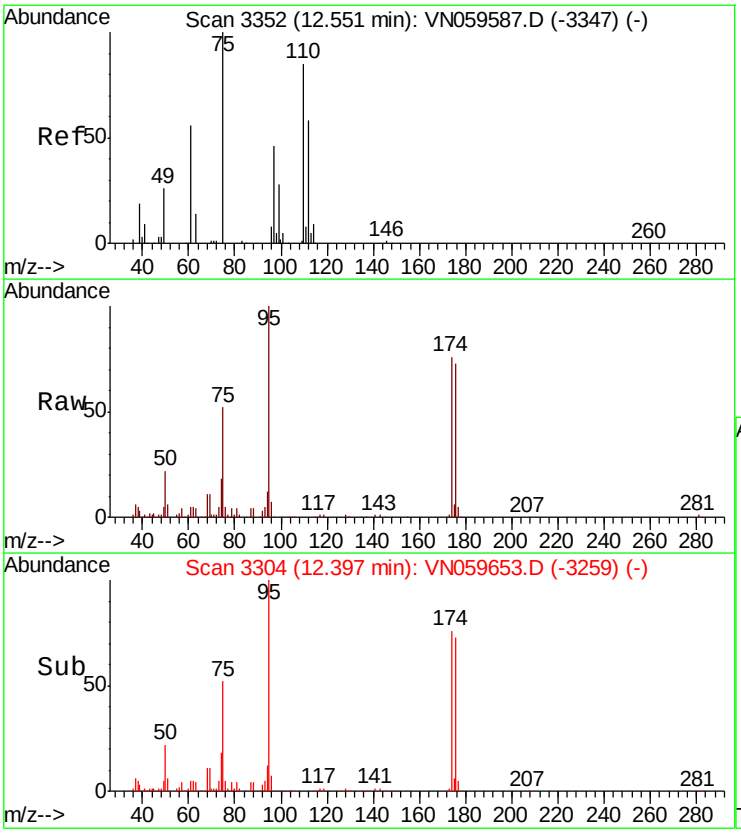
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 130229

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.3	90.9
150	162.2	0.0	345.2

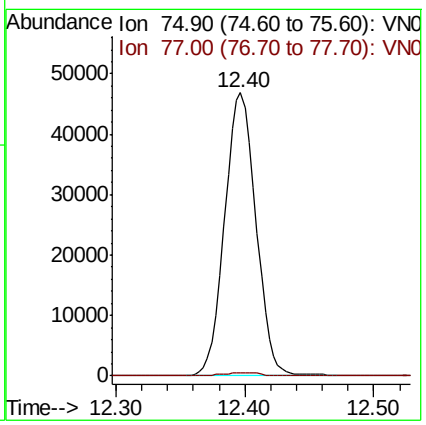


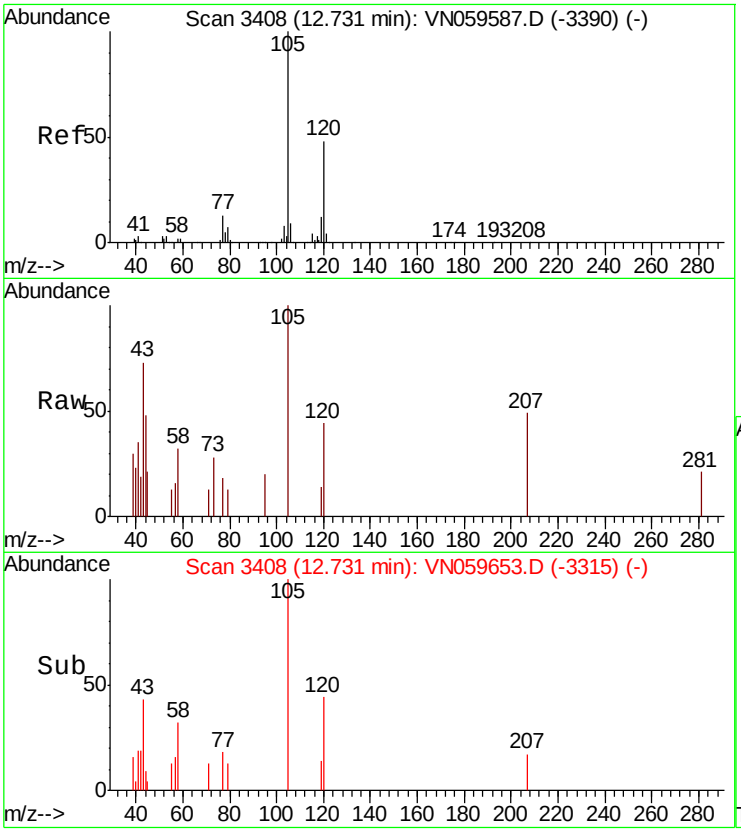


#76
1,2,3-Trichloropropane
Concen: 24.485 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 75 Resp: 78938

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



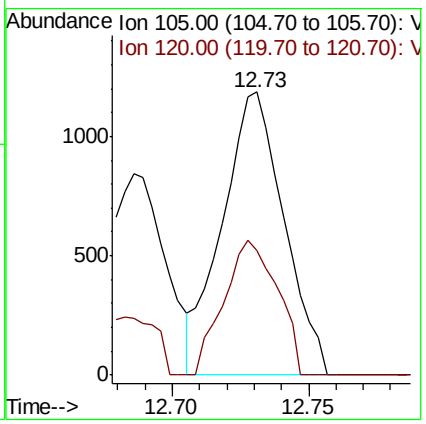


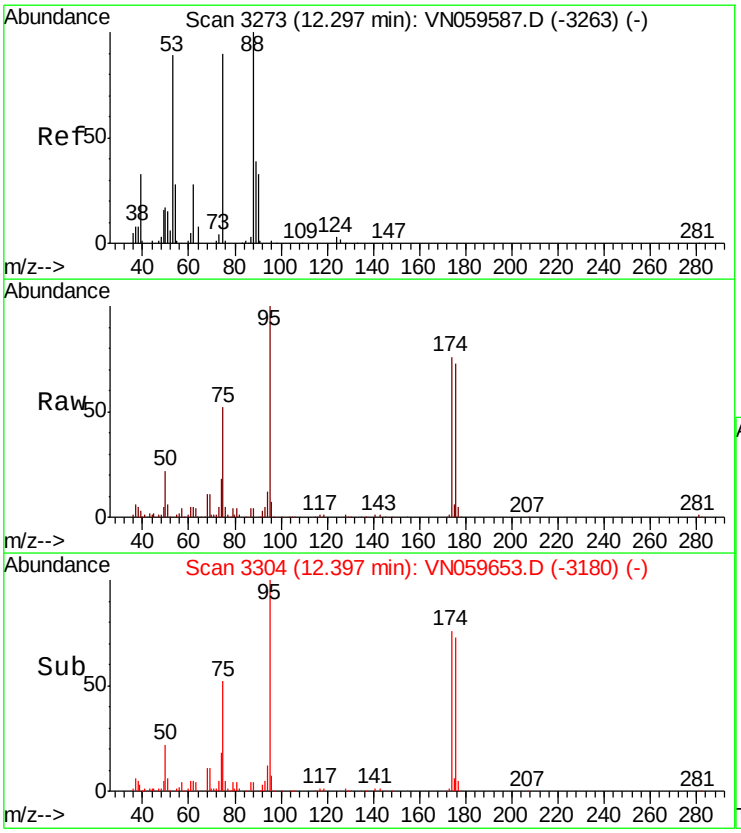
#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1862

Ion	Ratio	Lower	Upper
105	100		
120	41.5	24.1	72.4

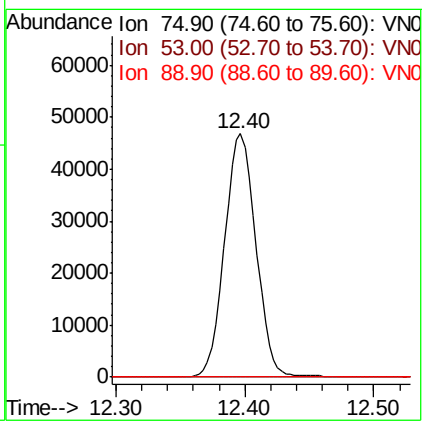


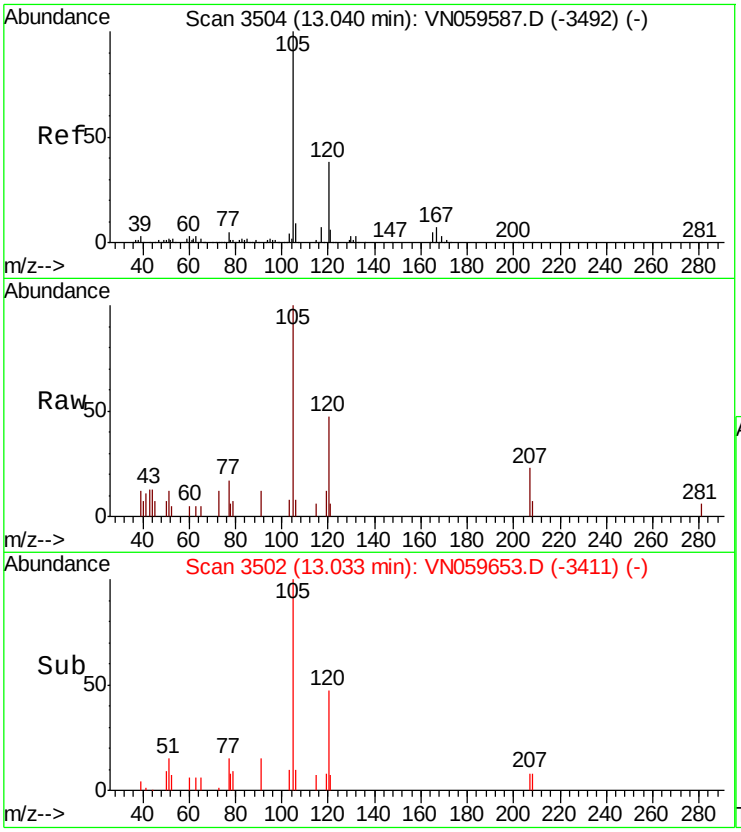


#81
trans-1,4-Dichloro-2-butene
Concen: 60.476 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 75 Resp: 78938

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.1	117.1#
89	0.0	35.4	53.2#



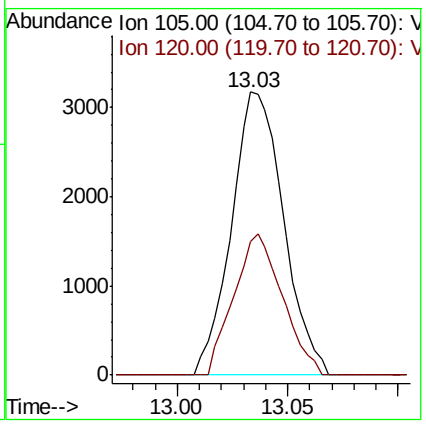


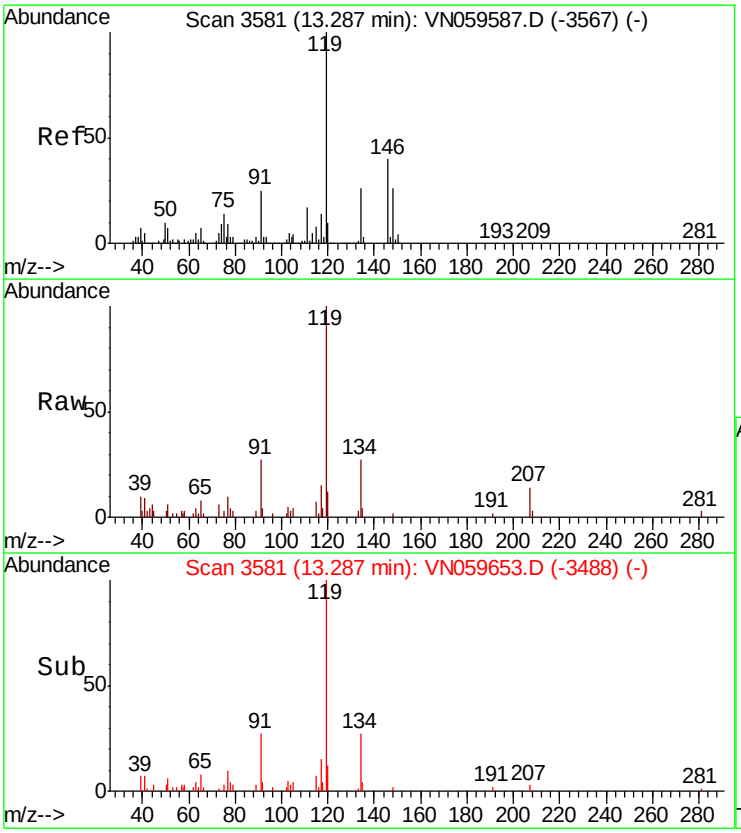
#84
1,2,4-Trimethylbenzene
Concen: 0.607 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 5220

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.3	66.9

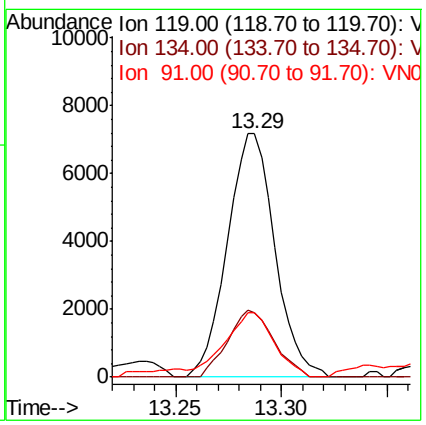


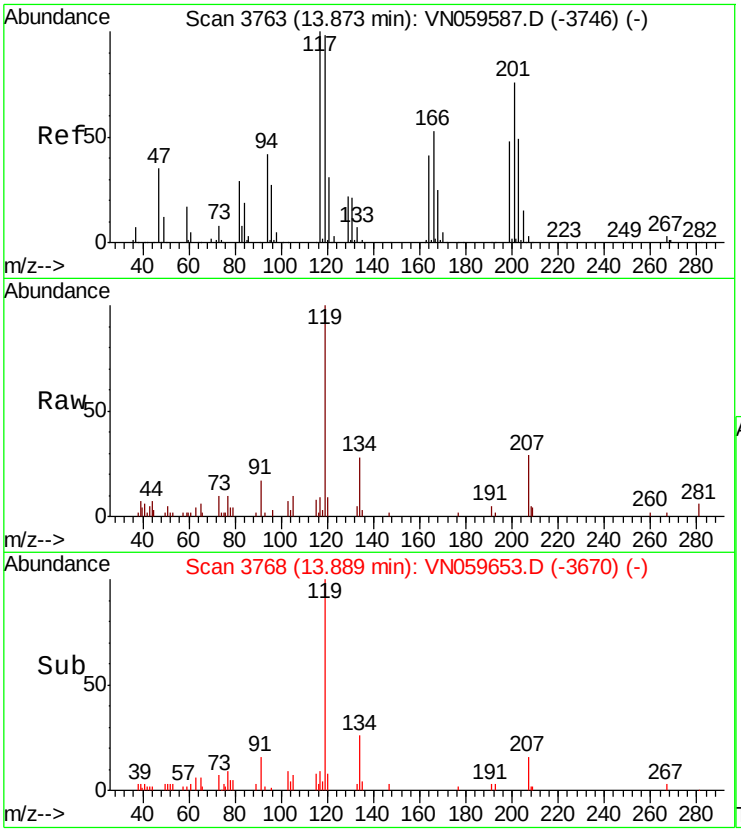


#86
p-Isopropyltoluene
Concen: 1.272 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:119 Resp: 11228

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	27.7	12.4	37.4



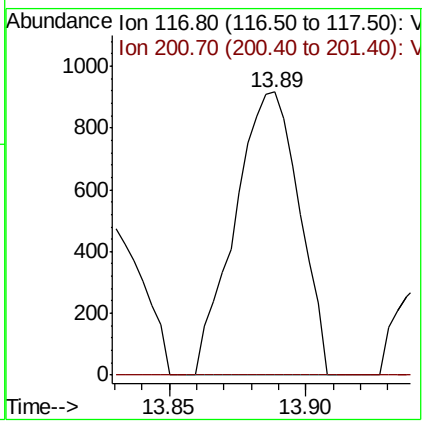


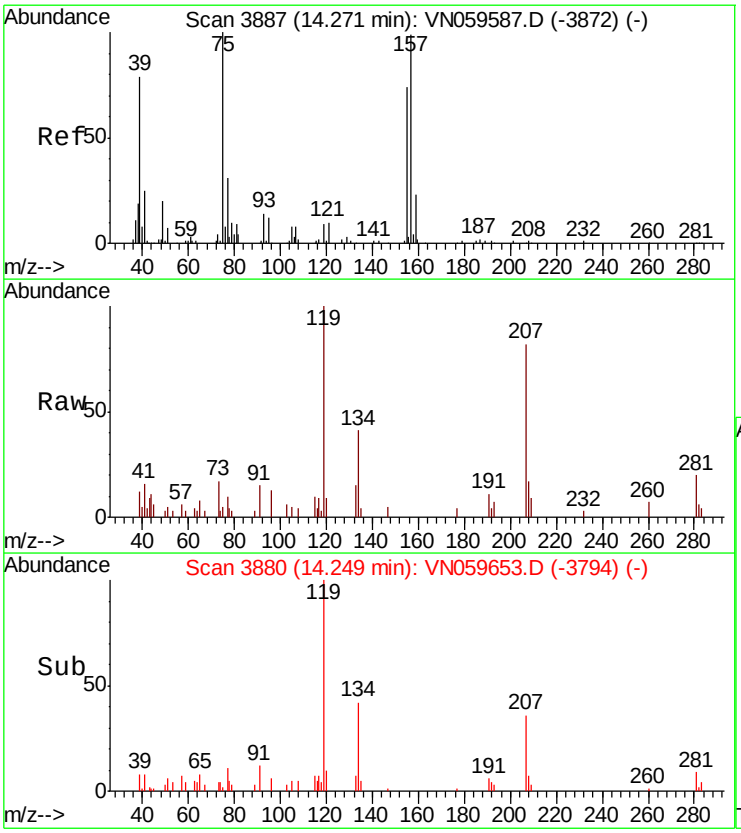
#90
Hexachloroethane
Concen: 0.898 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1499

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.8	113.4#

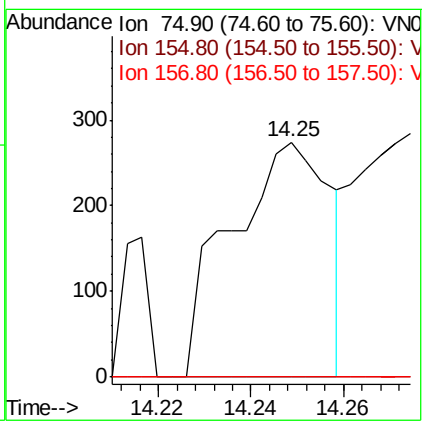


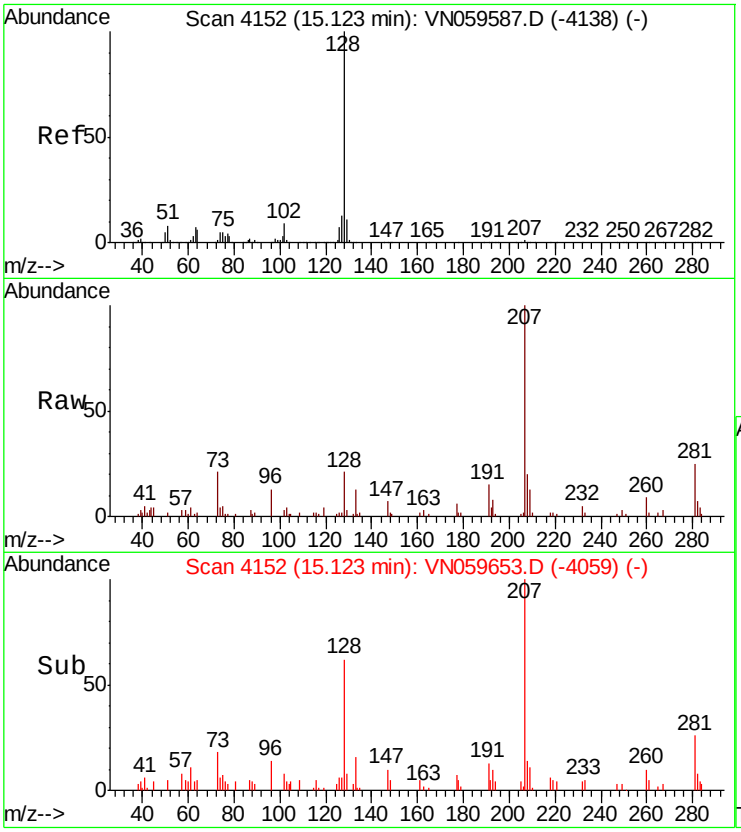


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.055 ug/l
RT: 14.25 min Scan# 3880
Delta R.T. -0.02 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion: 75 Resp: 407

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.0	110.9#
157	0.0	48.4	145.2#



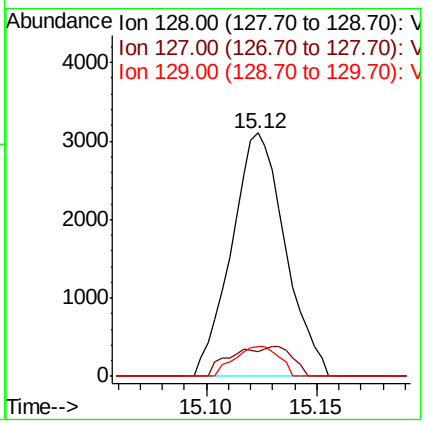


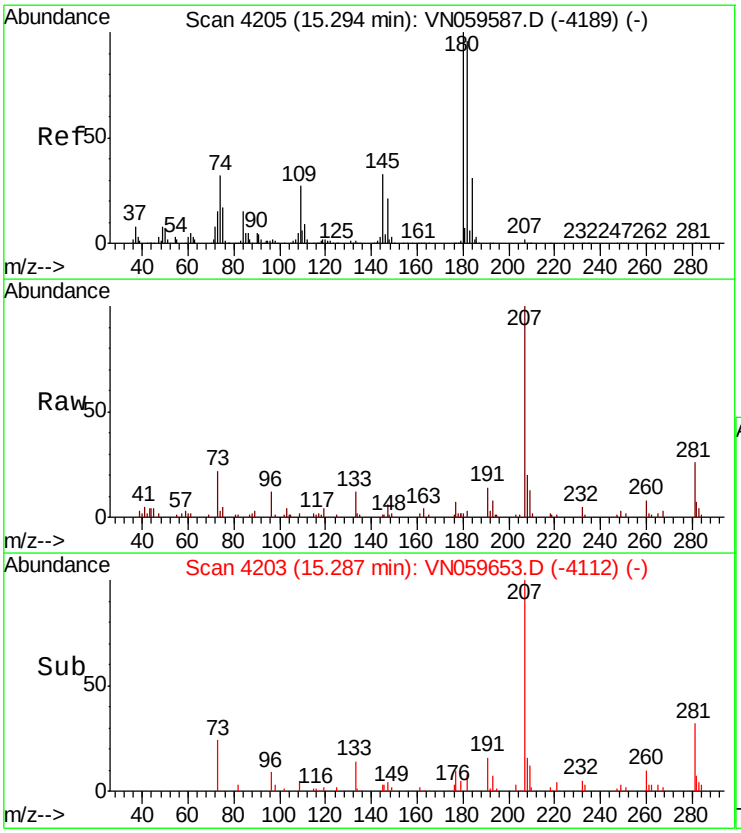
#95
Naphthalene
Concen: 0.596 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5240

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	10.3	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.204 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. -0.01 min
Lab File: VN059653.D
Acq: 18 Dec 2019 16:48

Tgt Ion:180 Resp: 608

Ion	Ratio	Lower	Upper
180	100		
182	109.4	47.4	142.3
145	9.2	16.3	48.9#