Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
Data File : VN059018.D
Acq On : 30 Oct 2019 10:32
Operator : JC/SP
Sample : PB124402TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 31 01:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	413702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	659527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	283974	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.60%			
35) Dibromofluoromethane	7.57	113	213869	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
50) Toluene-d8	10.08	98	832844	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.96%			
62) 4-Bromofluorobenzene	12.40	95	267899	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	407	0.404	ug/l #	72
16) Acetone	3.80	43	15188	5.066	ug/l	94
18) Methyl Acetate	4.30	43	3791	0.556	ug/l #	82
20) Methylene Chloride	4.53	84	17465	3.411	ug/l	89
25) 2-Butanone	6.83	43	2951	0.758	ug/l	96
29) Tetrahydrofuran	7.20	42	623	0.262	ug/l #	53
31) Cyclohexane	7.64	56	9155	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33202	4.917	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40864	5.875	ug/l #	17
43) Isopropyl Acetate	8.15	43	123887	10.499	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	2520	0.463	ug/l #	44
48) Methyl methacrylate	9.17	41	7116	1.329	ug/l #	14
49) 1,4-Dioxane	9.26	88	232	2.640	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7864	1.141	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	47626	5.684	ug/l #	64
56) Ethyl methacrylate	10.54	69	2253	2.363	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8926	1.050	ug/l #	43
59) 2-Hexanone	10.76	43	130155	24.439	ug/l #	53
71) Bromoform	12.40	173	1467	0.407	ug/l #	1
74) N-amyl acetate	12.03	43	3356	0.469	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	138845	27.730	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	138845	72.238	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.91	180	401	2.609	ug/l #	73
95) Naphthalene	15.14	128	1142	2.314	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.30	180	371	2.479	ug/l	83

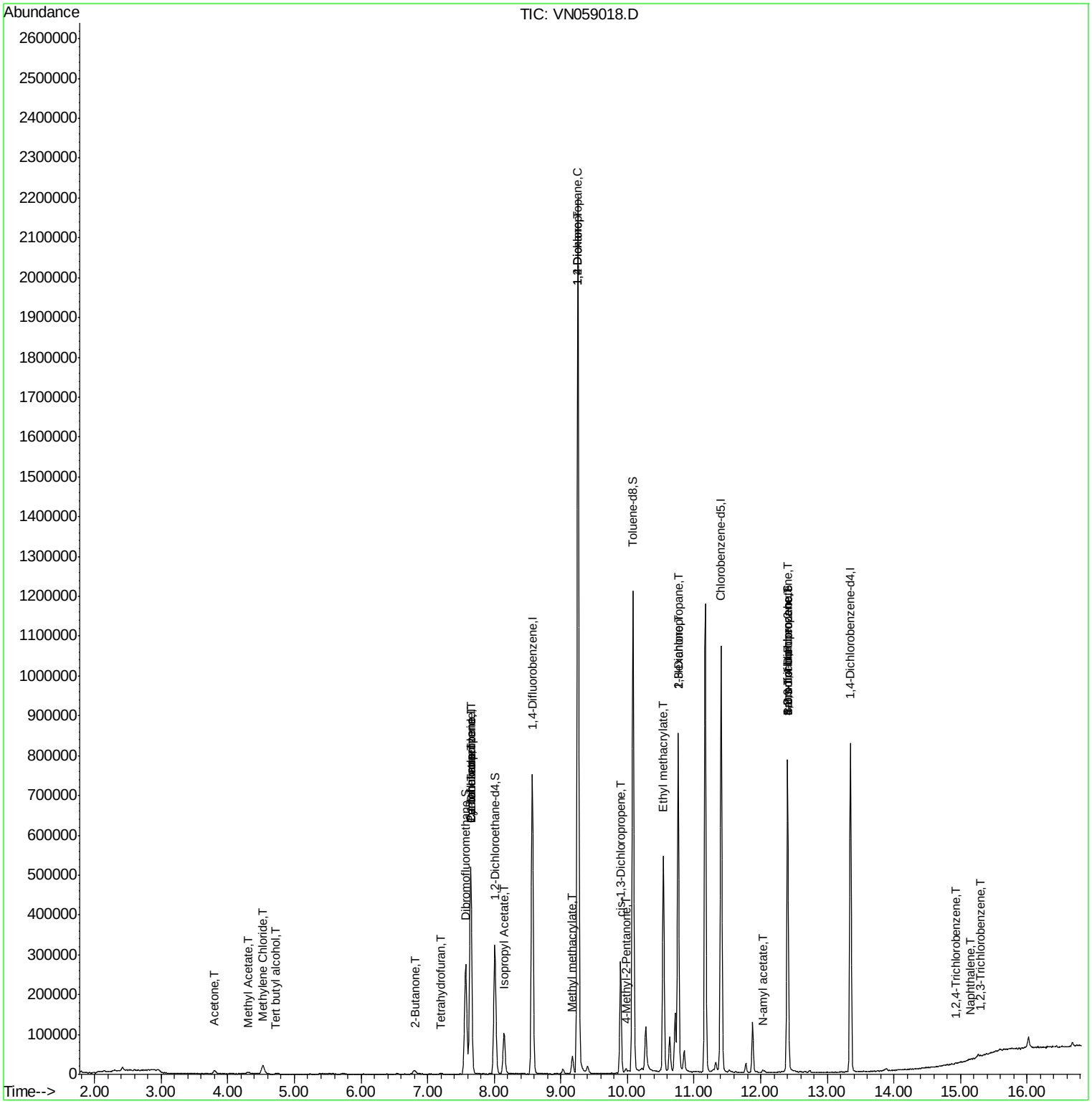
(#) = qualifier out of range (m) = manual integration (+) = signals summed

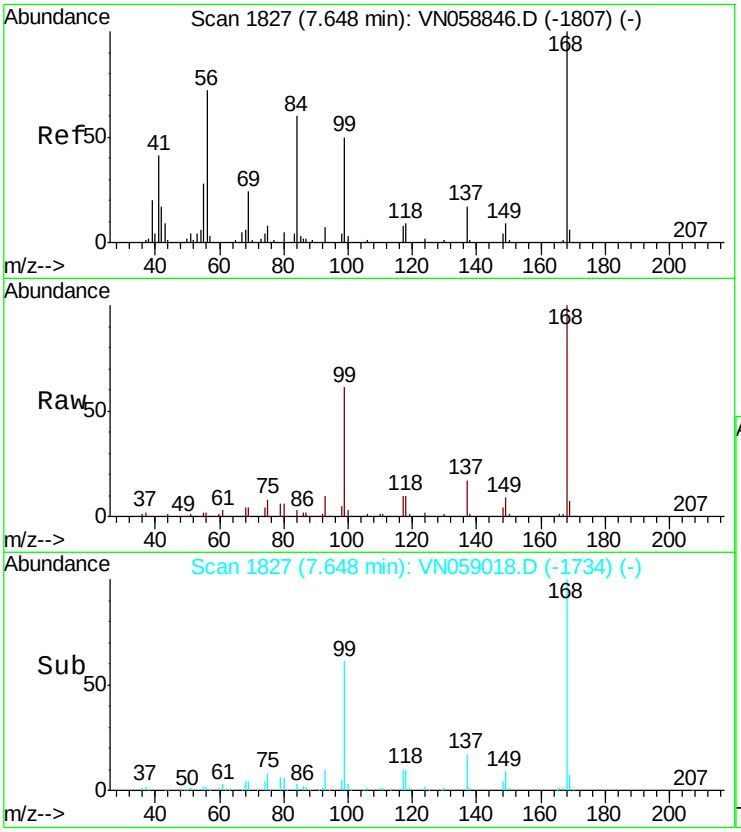
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
Data File : VN059018.D
Acq On : 30 Oct 2019 10:32
Operator : JC/SP
Sample : PB124402TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 31 01:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration



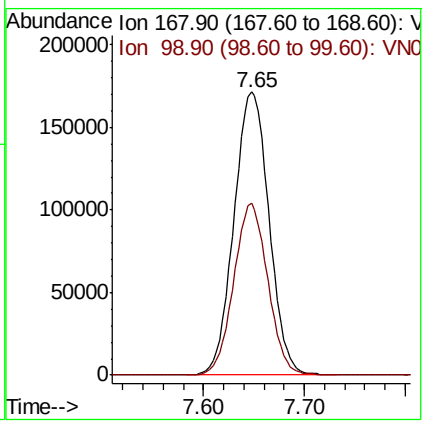


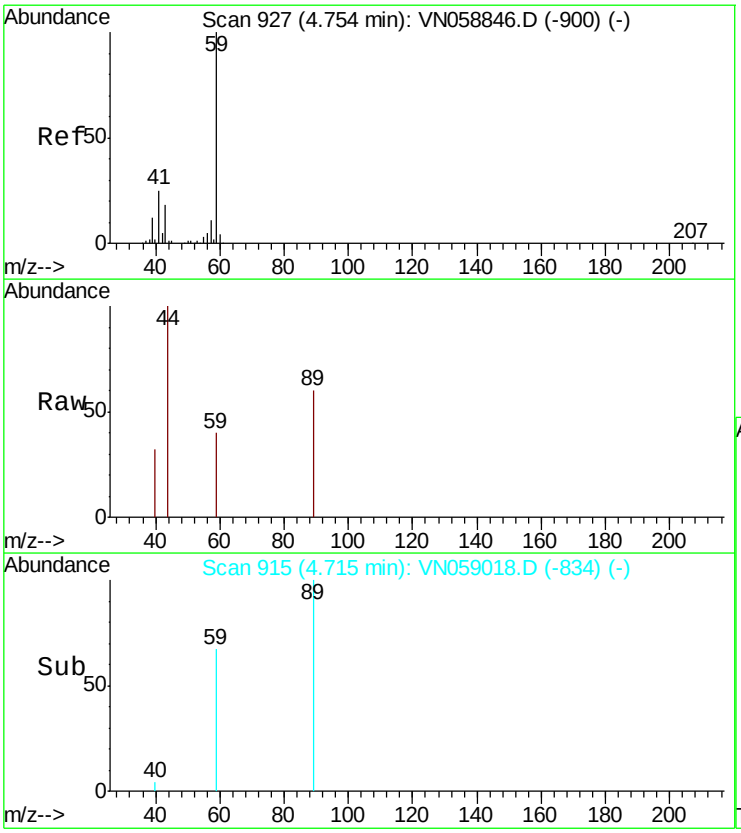
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 413702

Ion	Ratio	Lower	Upper
168	100		
99	60.8	48.1	72.1

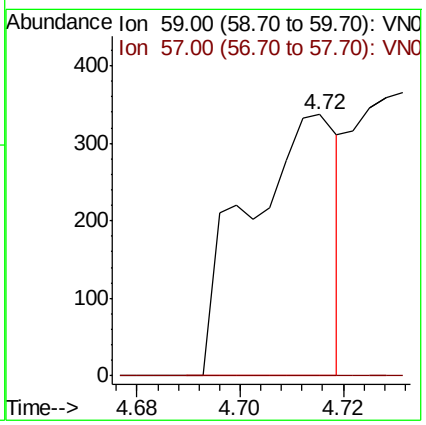


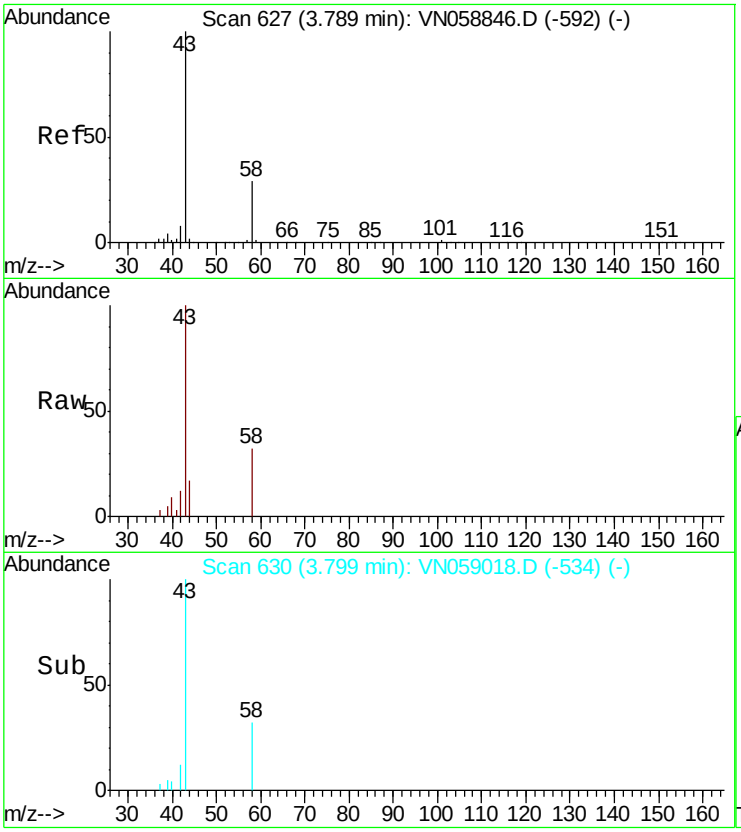


#11
Tert butyl alcohol
Concen: 0.404 ug/l
RT: 4.72 min Scan# 915
Delta R.T. -0.04 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 59 Resp: 407

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



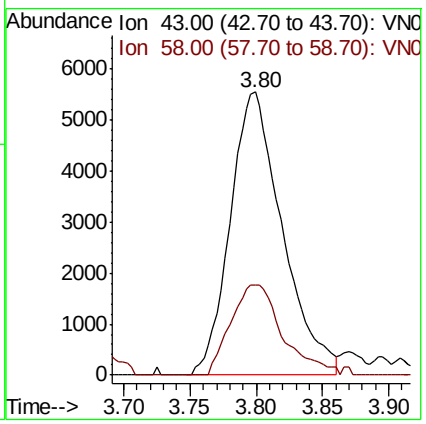


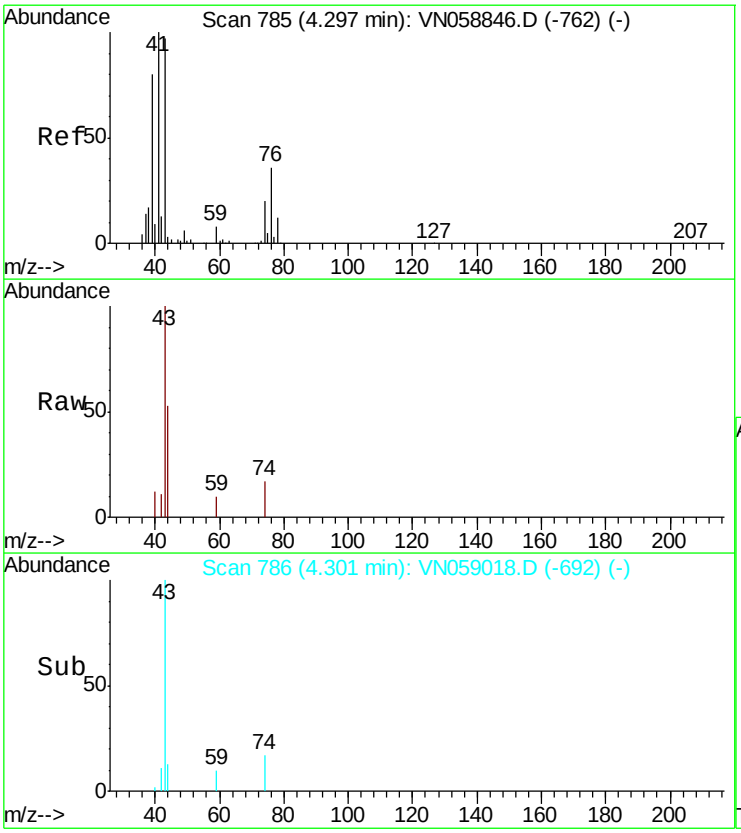
#16
Acetone
Concen: 5.066 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15188

Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.1	34.7

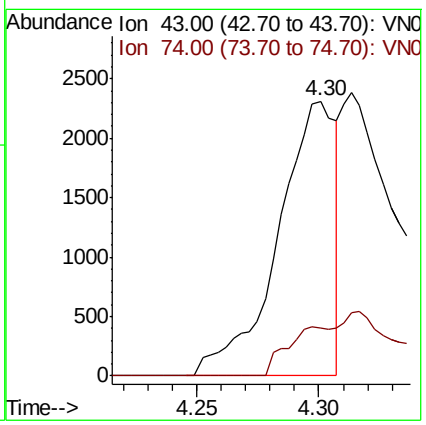


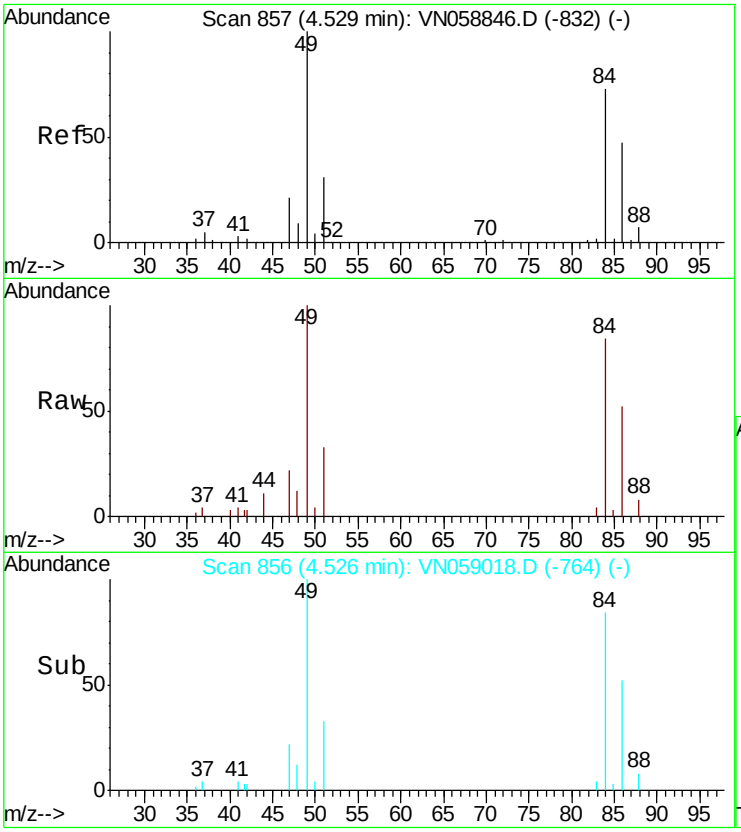


#18
Methyl Acetate
Concen: 0.556 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 43 Resp: 3791

Ion	Ratio	Lower	Upper
43	100		
74	13.0	17.1	25.7#



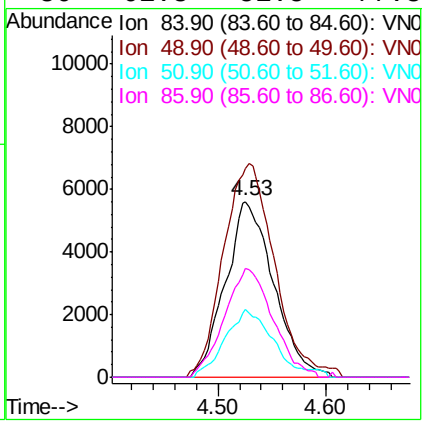


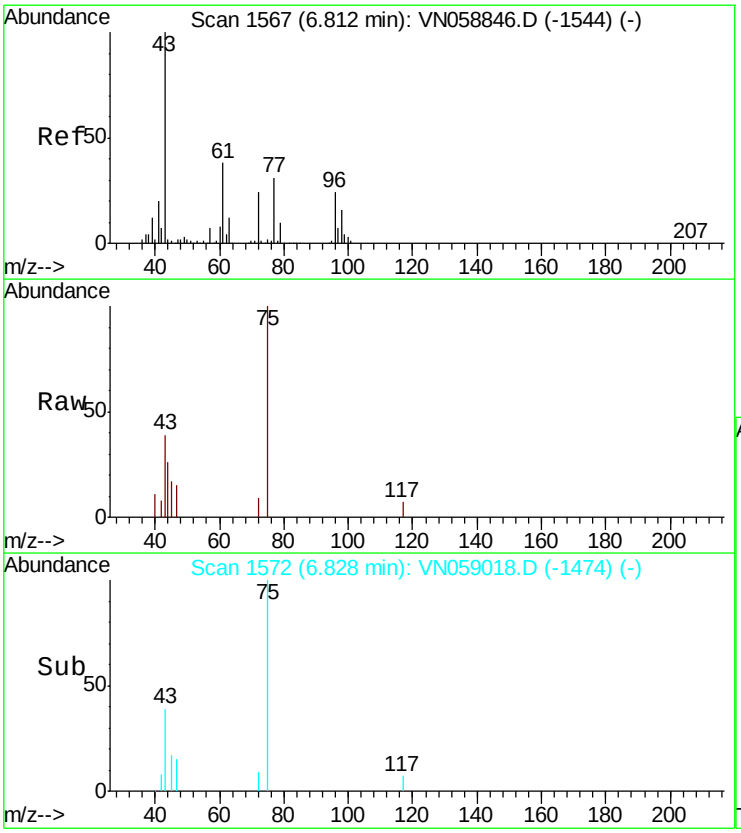
#20
Methylene Chloride
Concen: 3.411 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 17465

Ion	Ratio	Lower	Upper
84	100		
49	118.5	109.6	164.4
51	38.6	33.8	50.6
86	61.8	51.5	77.3

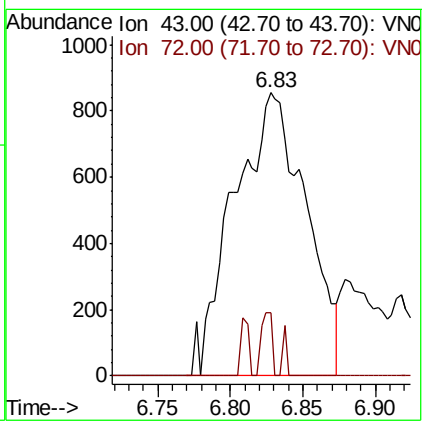


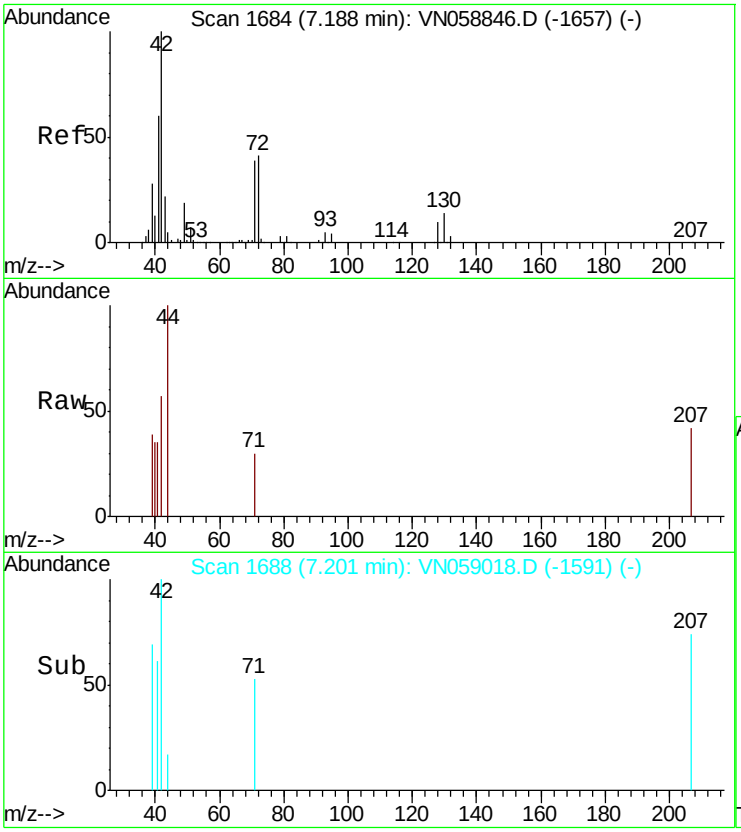


#25
2-Butanone
Concen: 0.758 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 43 Resp: 2951

Ion	Ratio	Lower	Upper
43	100		
72	22.1	19.1	28.7



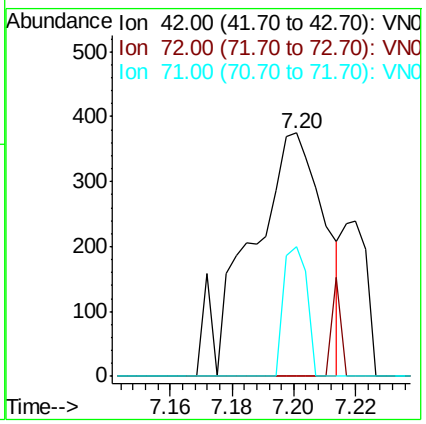


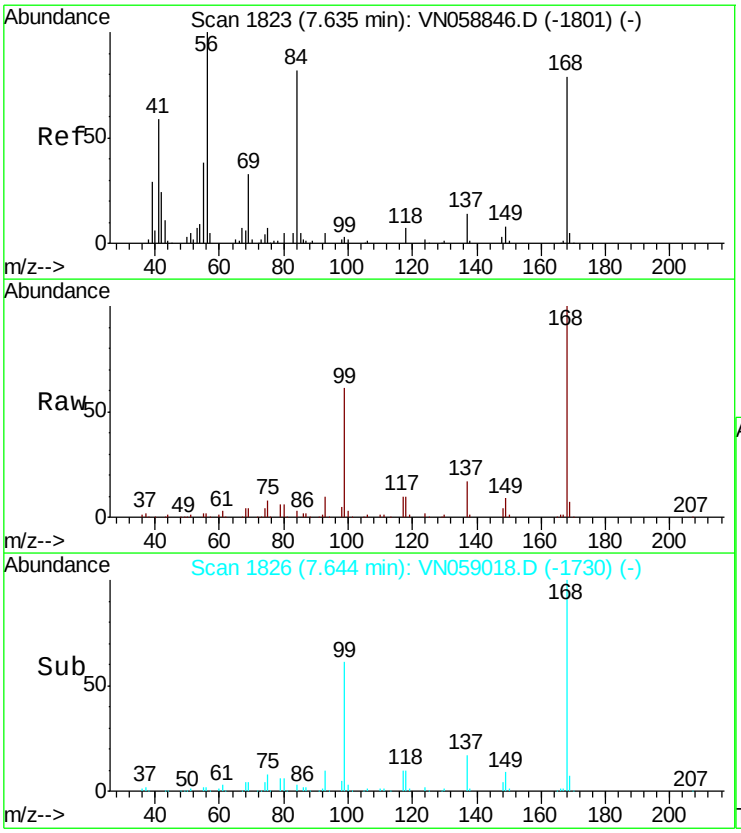
#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 623

Ion	Ratio	Lower	Upper
42	100		
72	4.7	32.2	48.2#
71	17.0	30.6	45.8#

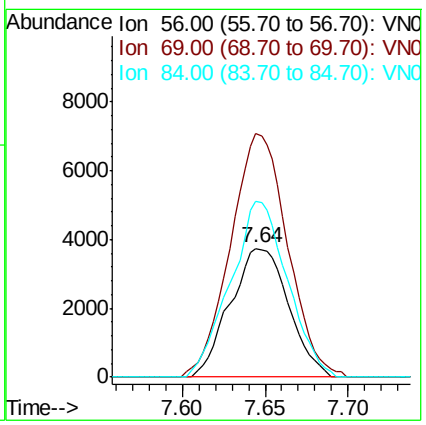


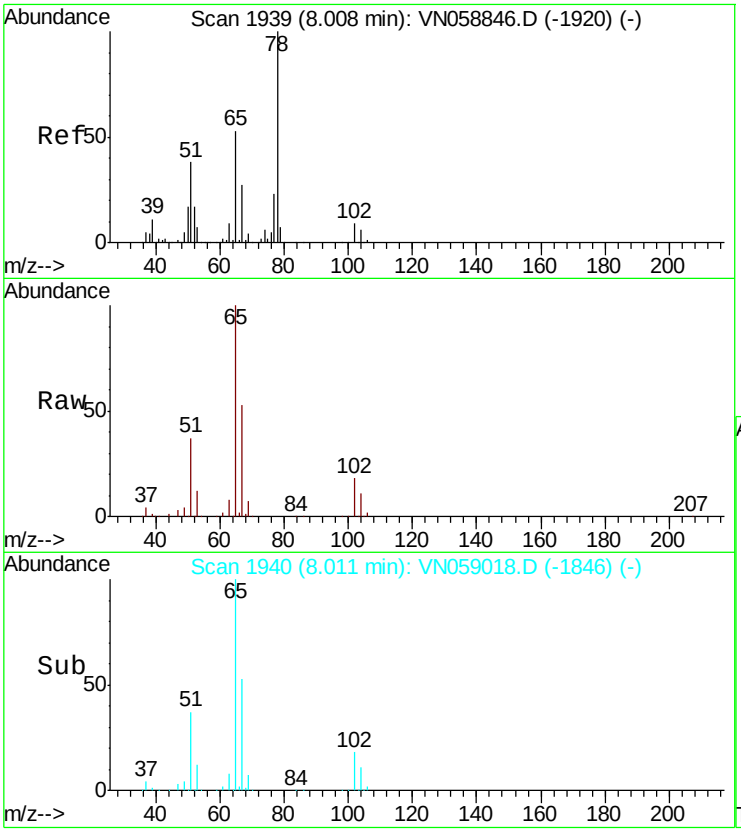


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 56 Resp: 9155

Ion	Ratio	Lower	Upper
56	100		
69	184.6	26.2	39.4#
84	136.5	65.6	98.4#



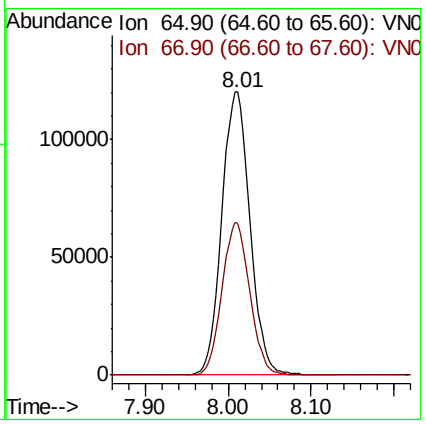


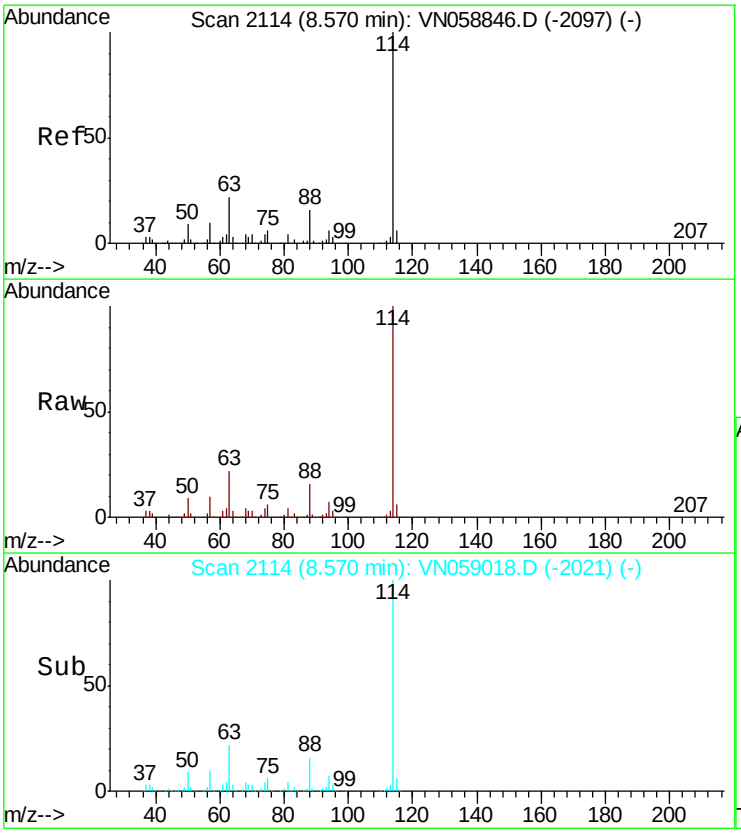
#33
1,2-Dichloroethane-d4
Concen: 46.802 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 283974

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	103.2

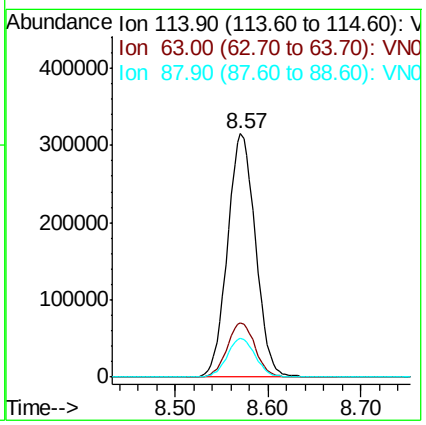


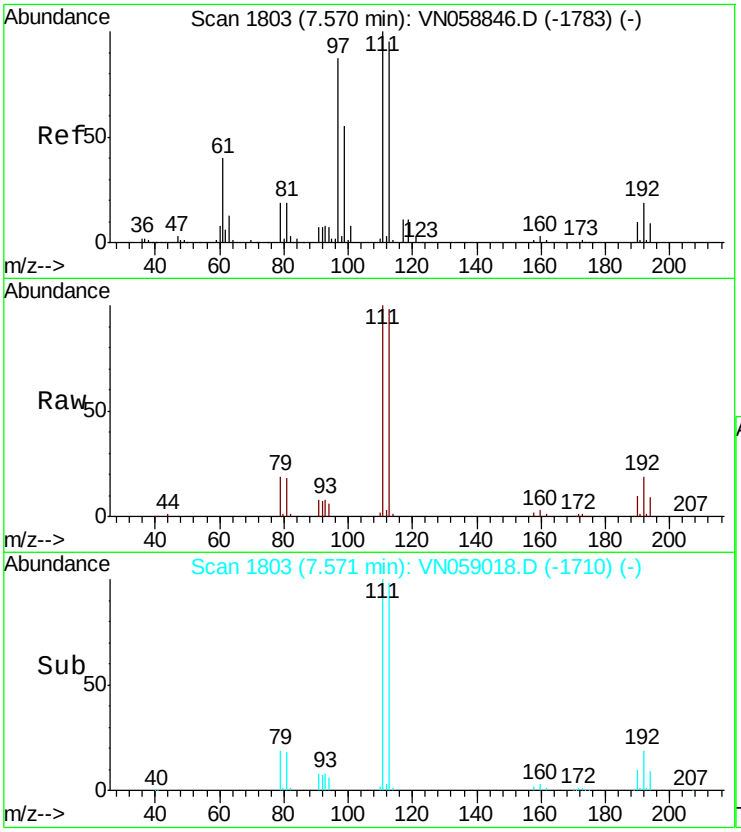


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion:114 Resp: 659527

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	15.9	0.0	31.4



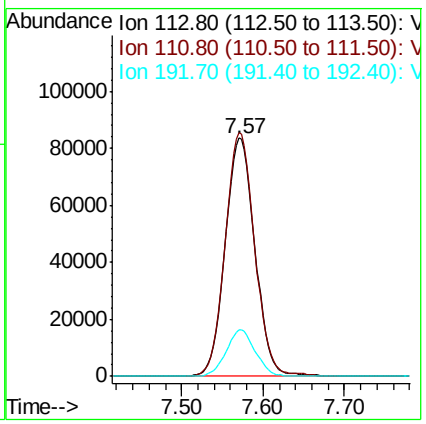


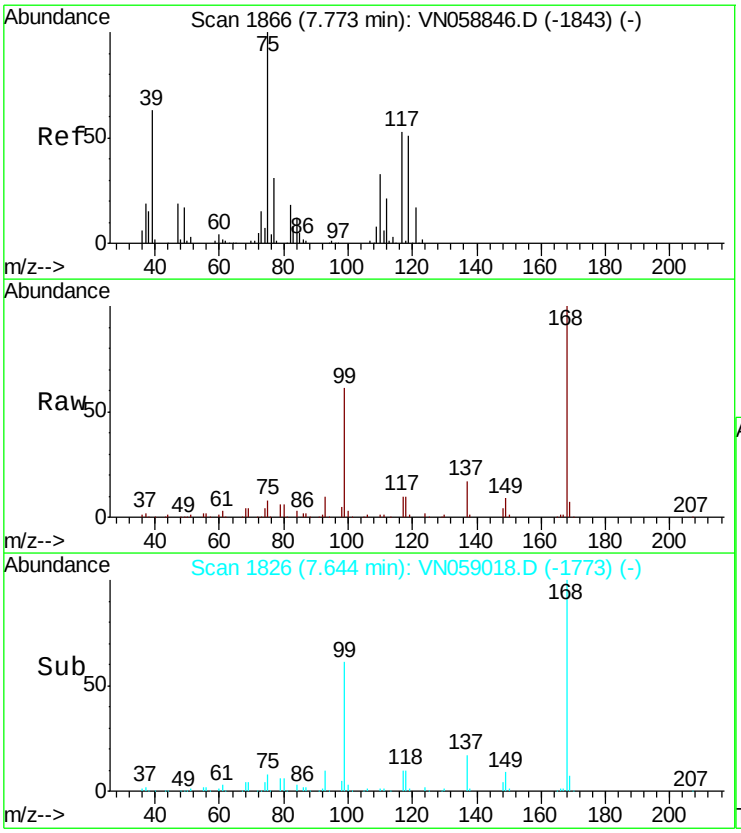
#35
Dibromofluoromethane
Concen: 49.322 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 213869

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	19.0	15.0	22.6

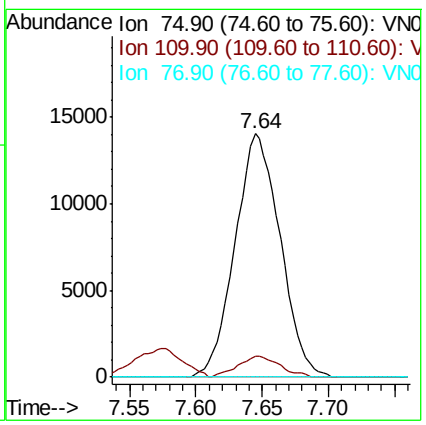


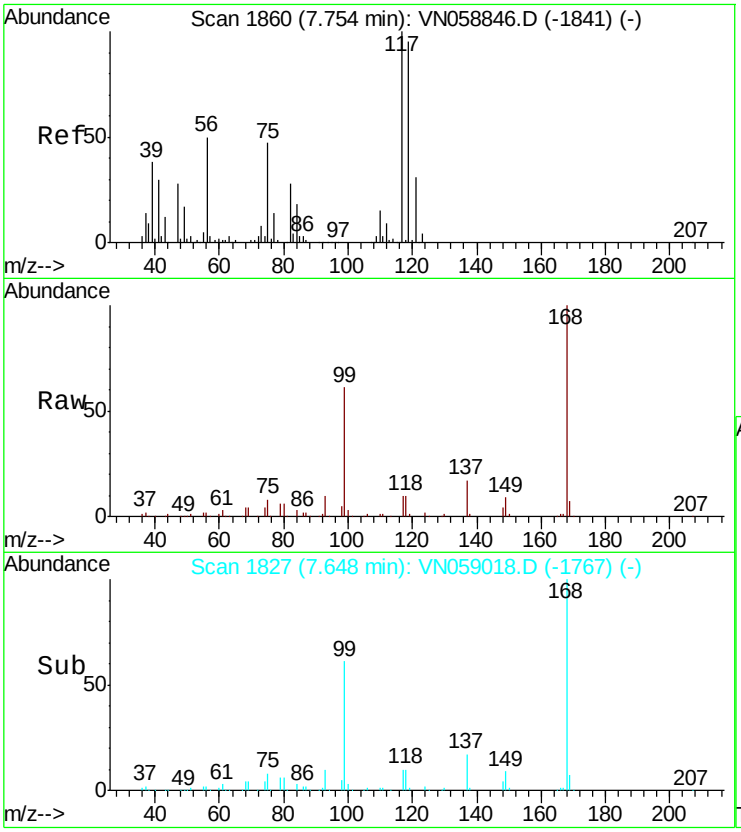


#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 75 Resp: 33202

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.3	48.9#
77	0.0	24.6	36.8#



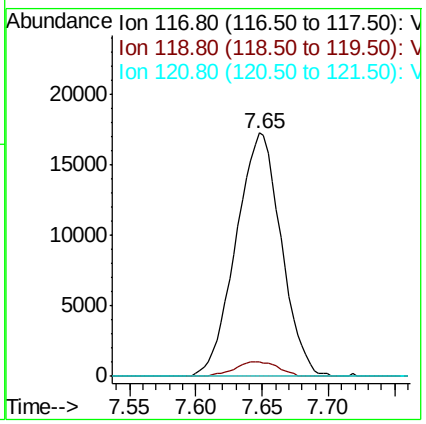


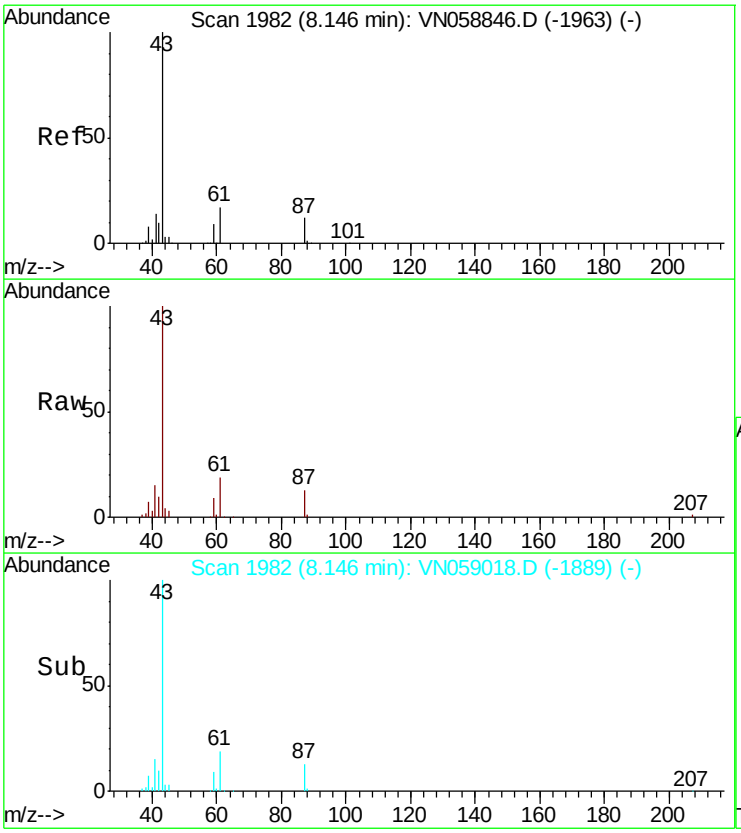
#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 40864

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.7	113.5#
121	0.0	25.0	37.6#

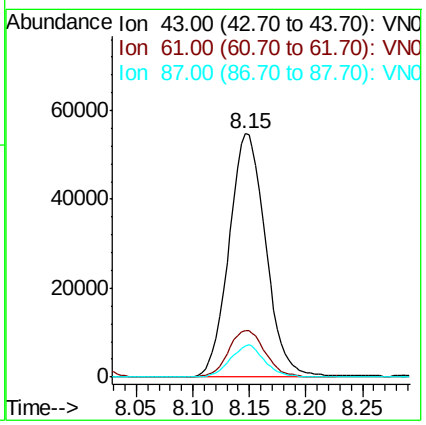


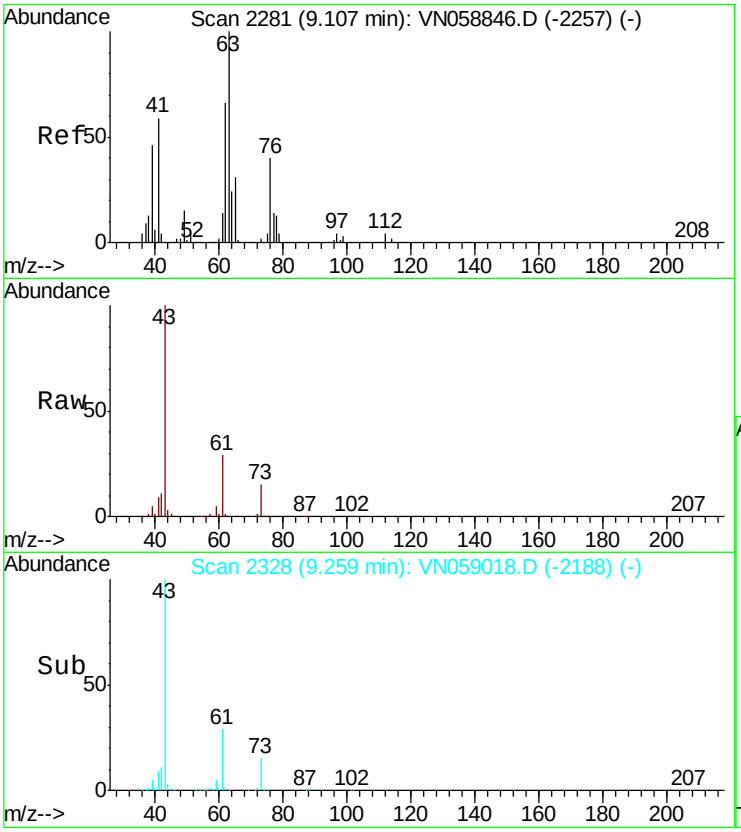


#43
Isopropyl Acetate
Concen: 10.499 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 43 Resp: 123887

Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.2	30.2#
87	12.1	9.5	14.3



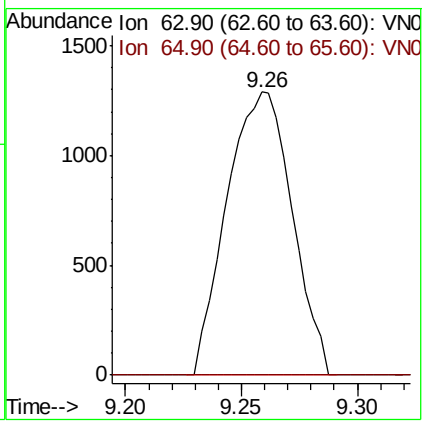


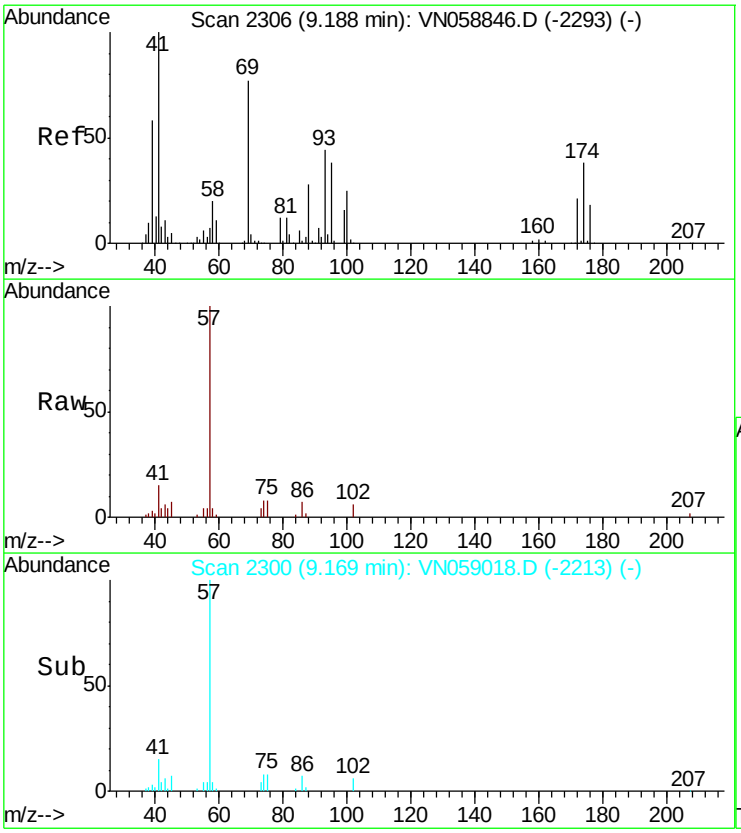
#45
1,2-Dichloropropane
Concen: 0.463 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.15 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 2520

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.5	36.7#

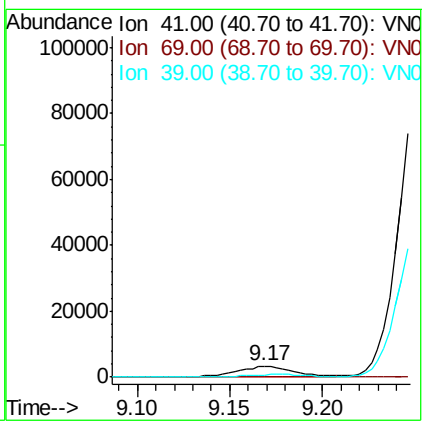


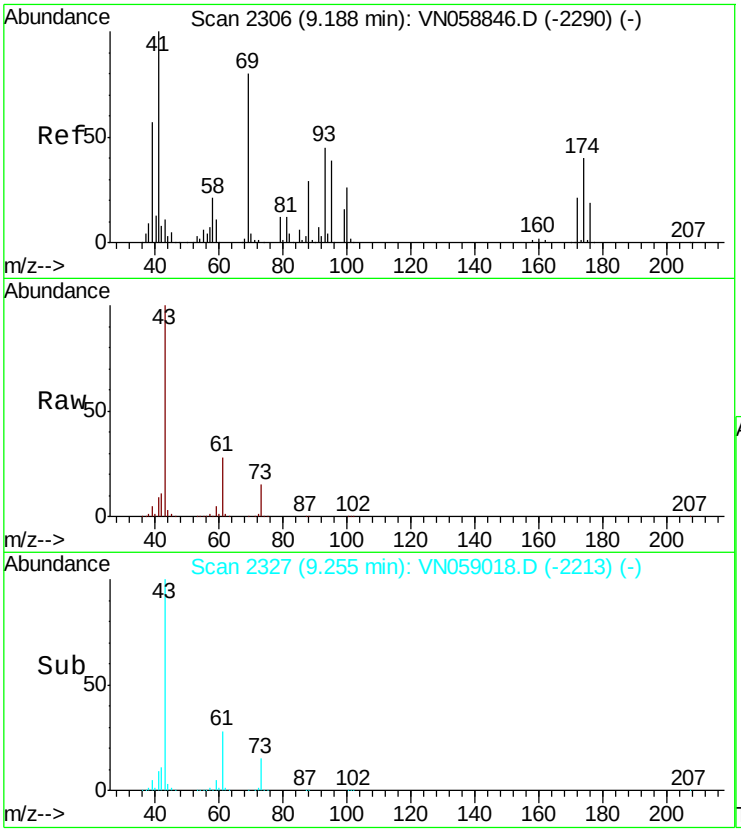


#48
Methyl methacrylate
Concen: 1.329 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 41 Resp: 7116

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	0.0	47.8	71.8#



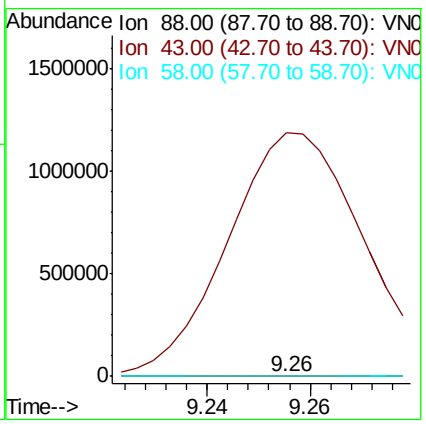


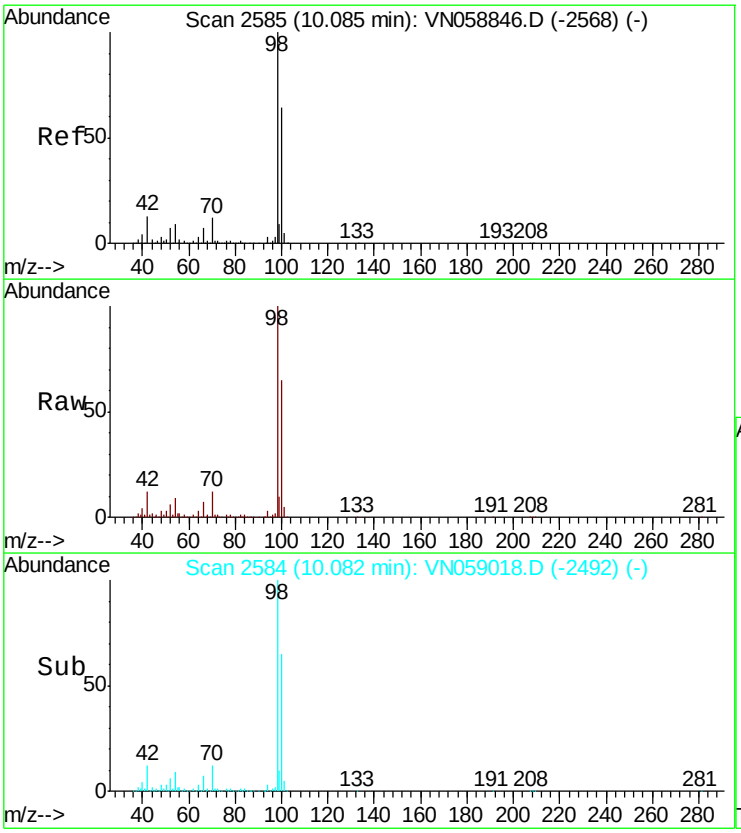
#49
1,4-Dioxane
Concen: 2.640 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 232

Ion	Ratio	Lower	Upper
88	100		
43	953288.8	29.1	43.7#
58	4258.6	59.4	89.0#

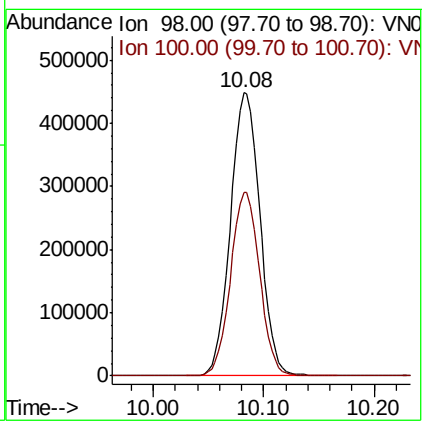


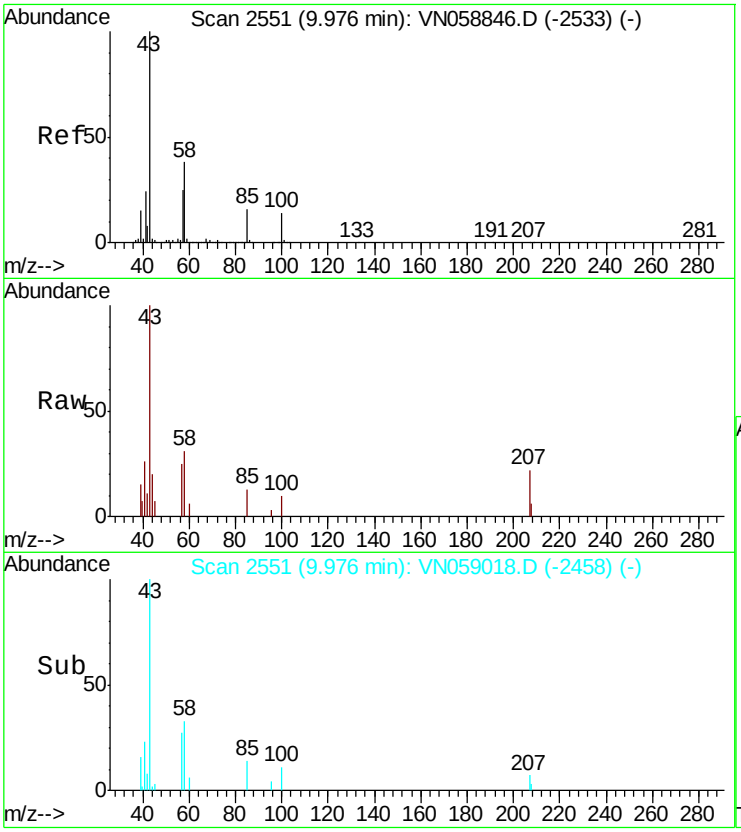


#50
Toluene-d8
Concen: 49.478 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 98 Resp: 832844

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2



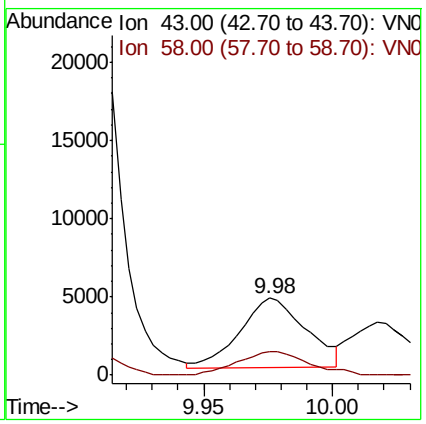


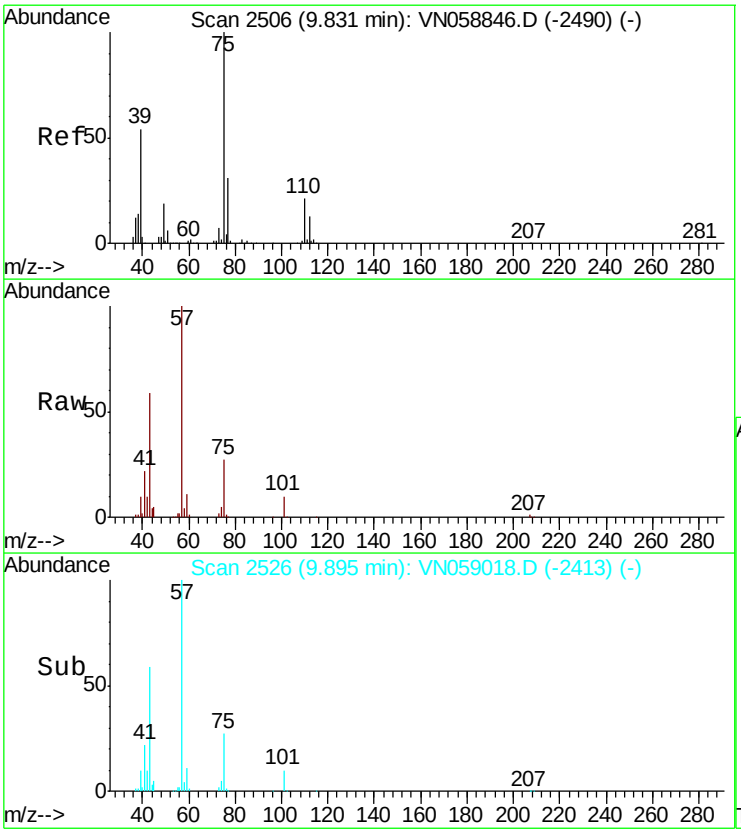
#51
4-Methyl-2-Pentanone
Concen: 1.141 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7864

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.9	44.9

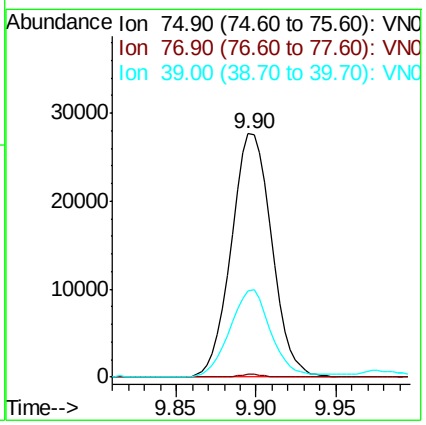


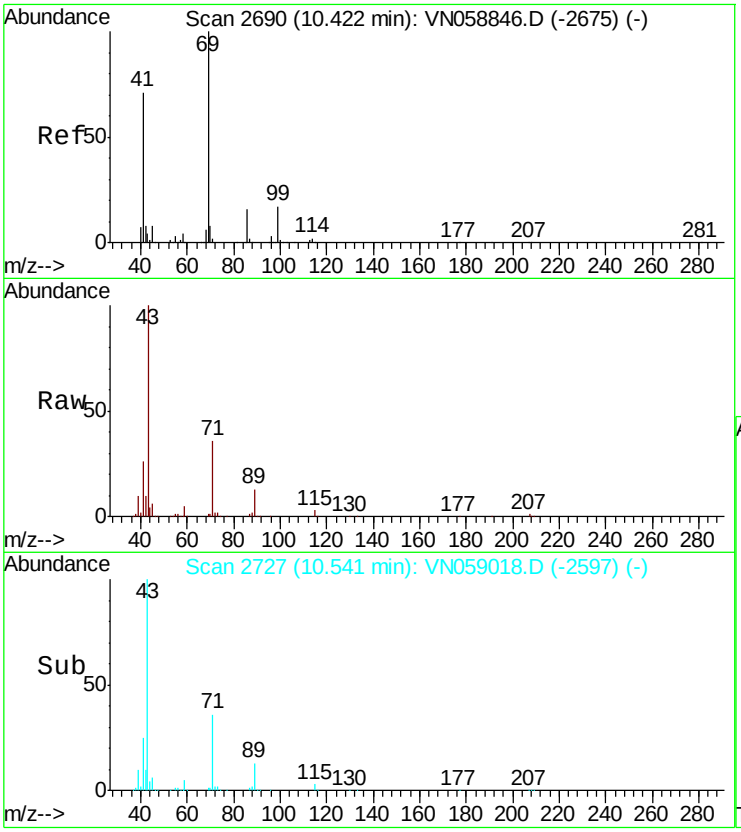


#54
cis-1,3-Dichloropropene
Concen: 5.684 ug/l
RT: 9.90 min Scan# 2526
Delta R.T. 0.06 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 75 Resp: 47626

Ion	Ratio	Lower	Upper
75	100		
77	1.2	24.7	37.1#
39	35.5	43.5	65.3#



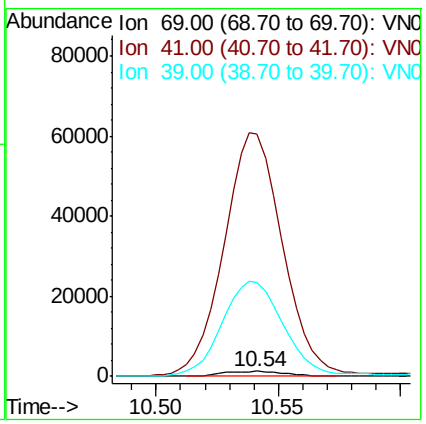


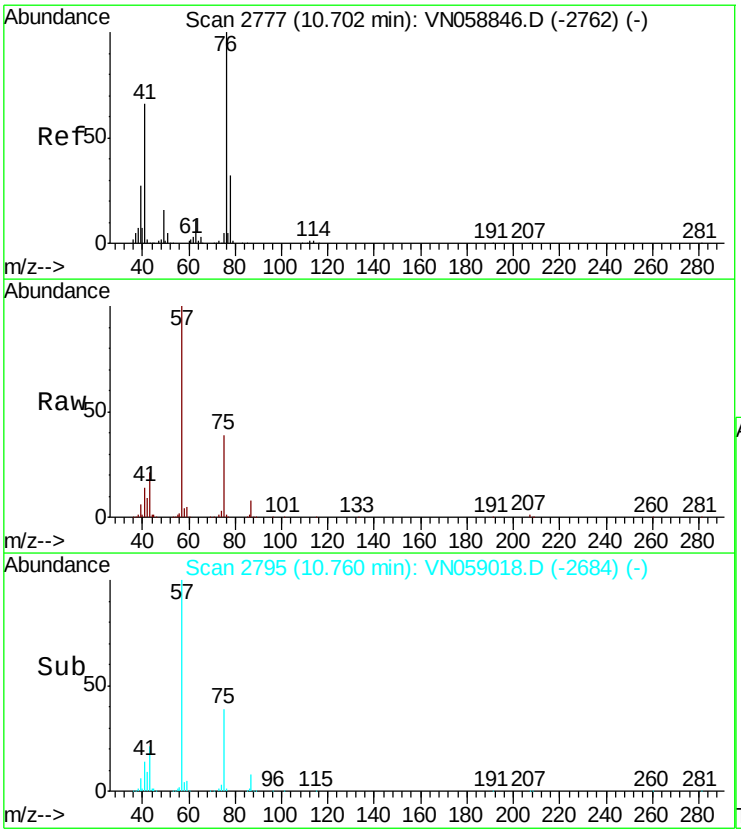
#56
Ethyl methacrylate
Concen: 2.363 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 2253

Ion	Ratio	Lower	Upper
69	100		
41	4492.1	57.2	85.8#
39	1862.1	31.0	46.4#

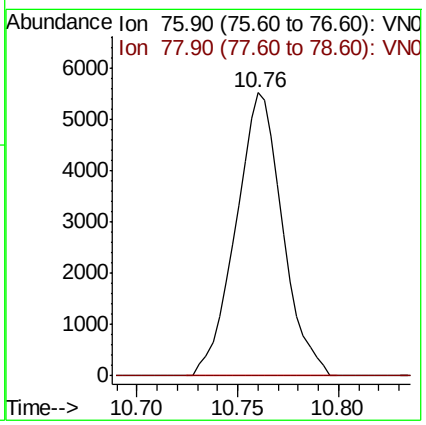


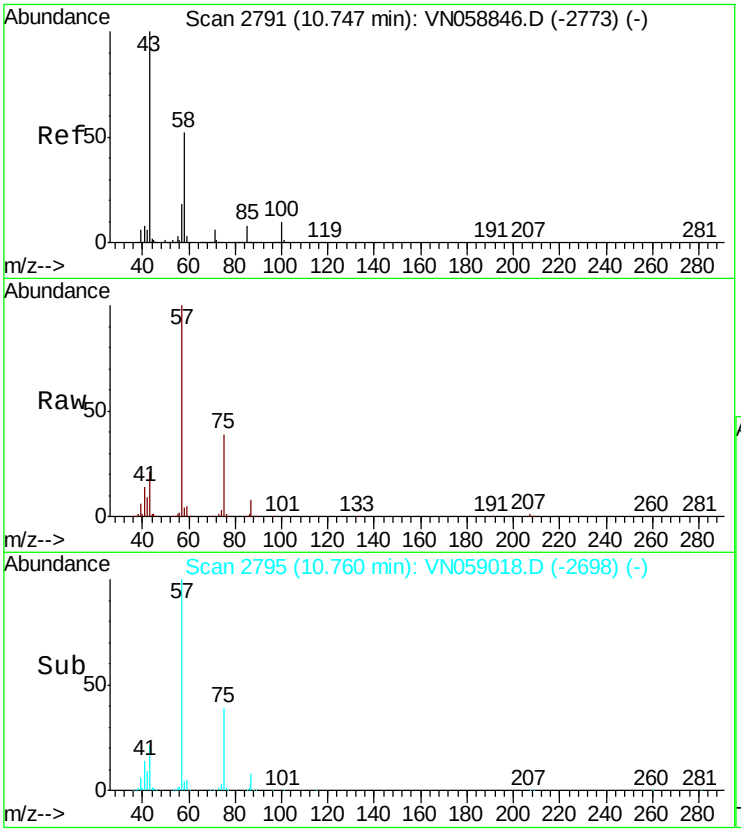


#57
1,3-Dichloropropane
Concen: 1.050 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.06 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 76 Resp: 8926

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



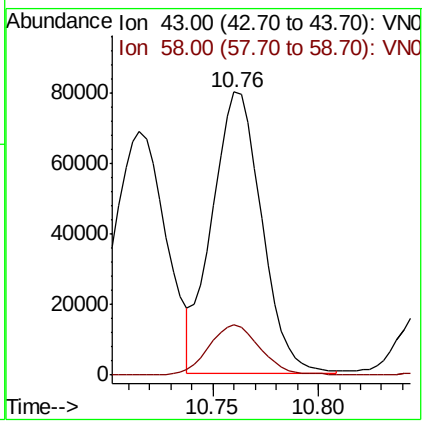


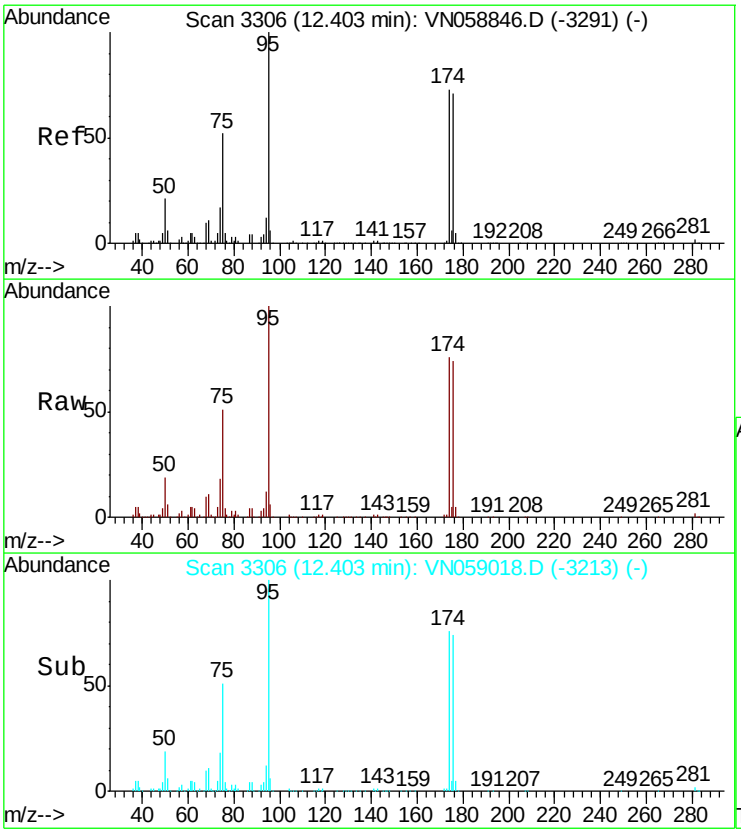
#59
2-Hexanone
Concen: 24.439 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 130155

Ion	Ratio	Lower	Upper
43	100		
58	18.8	25.9	77.7#

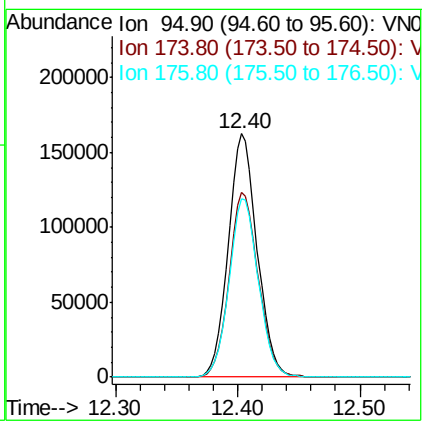


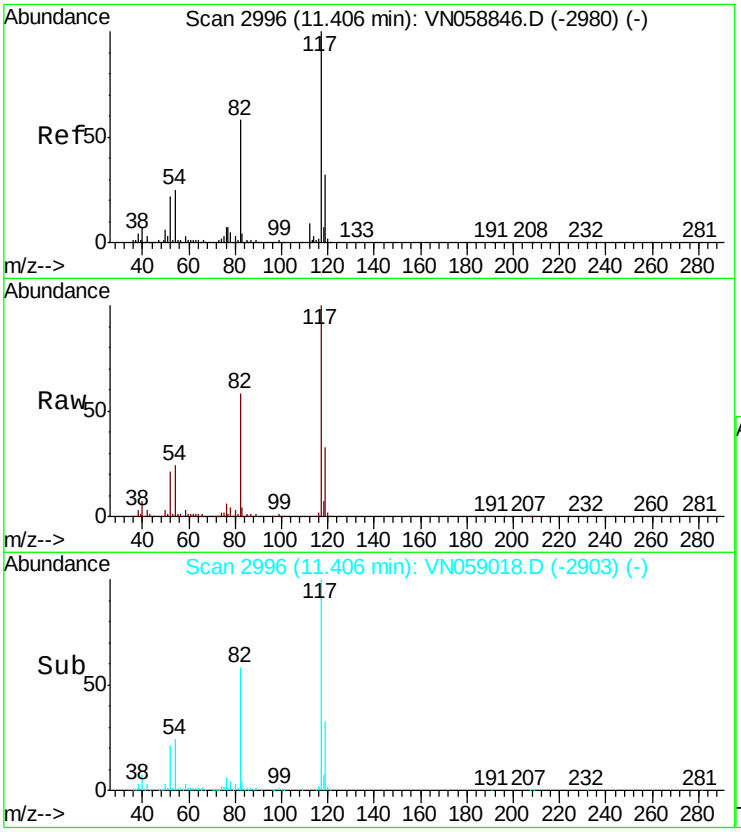


#62
4-Bromofluorobenzene
Concen: 43.340 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 95 Resp: 267899

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	147.6
176	74.2	0.0	143.2



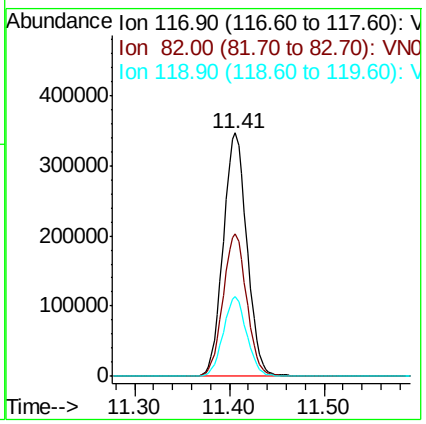


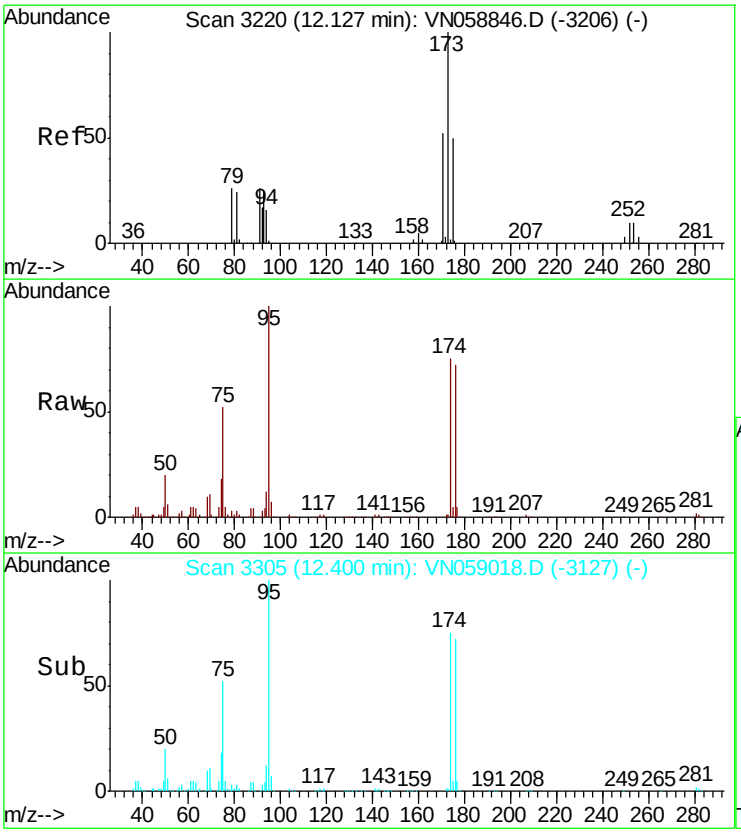
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 604803

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.6	69.8
119	32.6	25.6	38.4

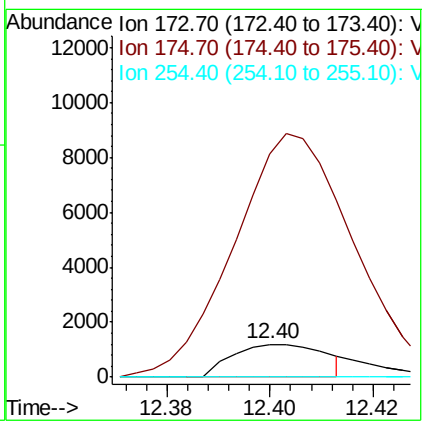


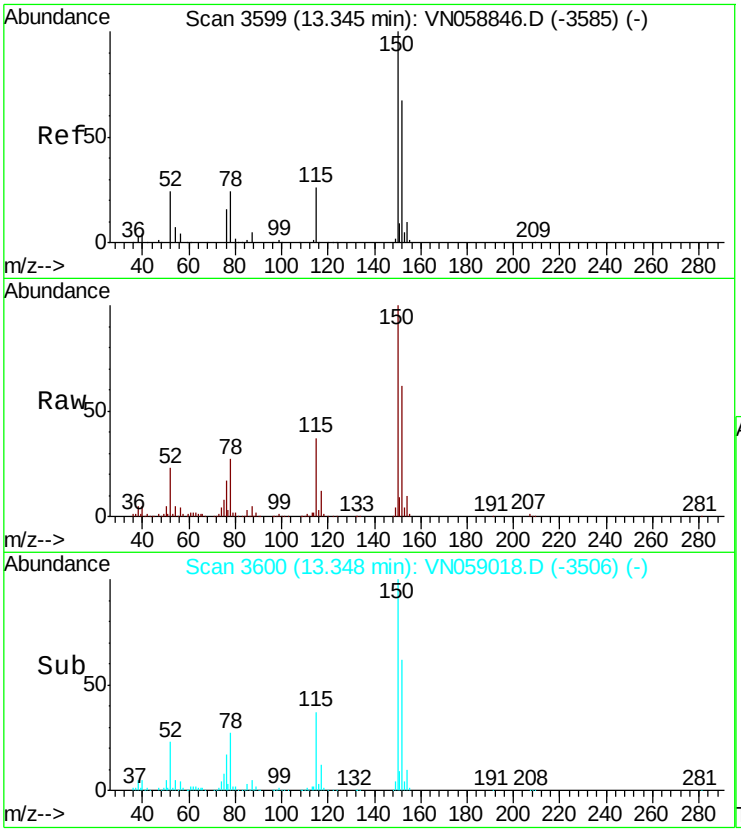


#71
Bromoform
Concen: 0.407 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion:173 Resp: 1467

Ion	Ratio	Lower	Upper
173	100		
175	786.5	24.7	74.1#
254	0.0	0.0	0.0



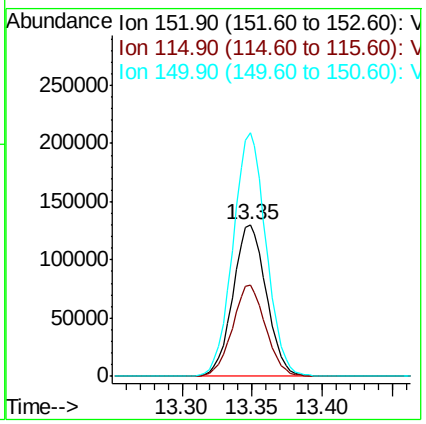


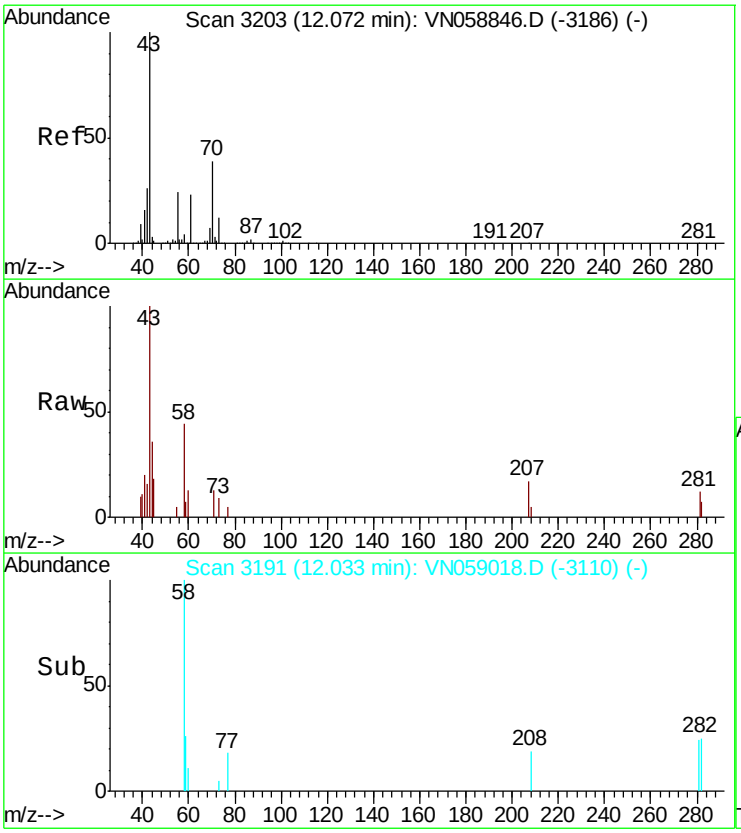
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 216046

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.5	91.5
150	159.3	0.0	344.4

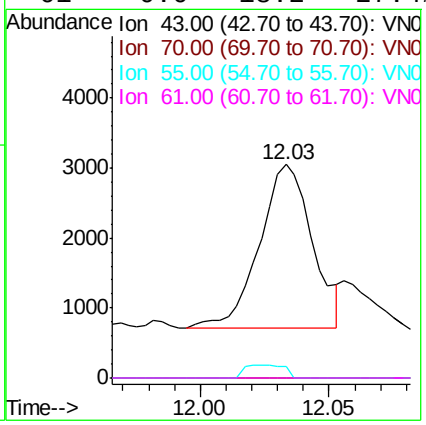


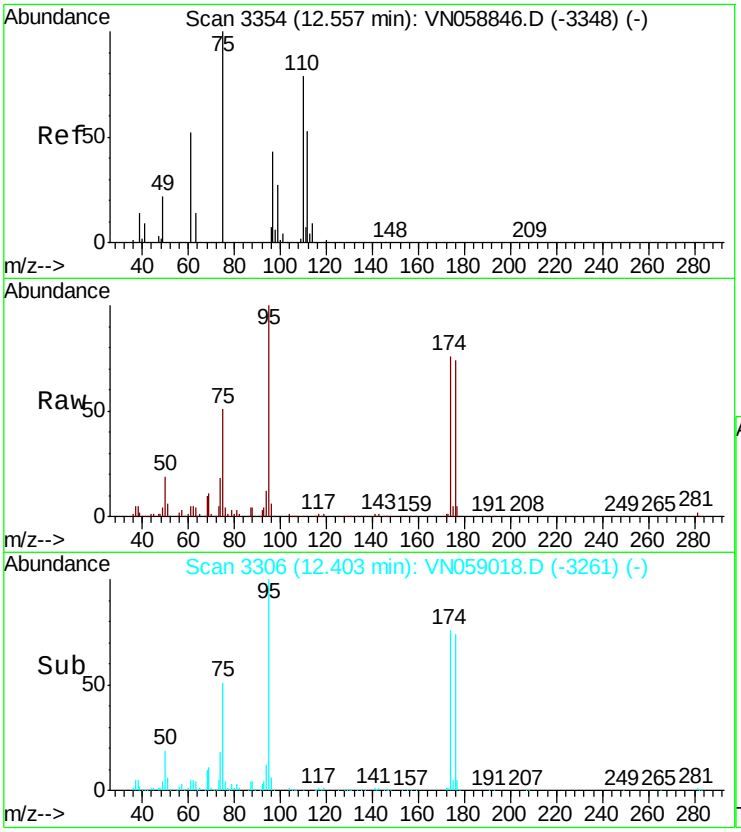


#74
N-amyl acetate
Concen: 0.469 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 43 Resp: 3356

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	5.9	19.7	29.5#
61	0.0	18.2	27.4#



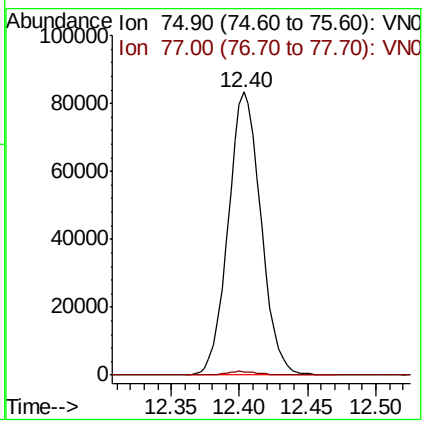


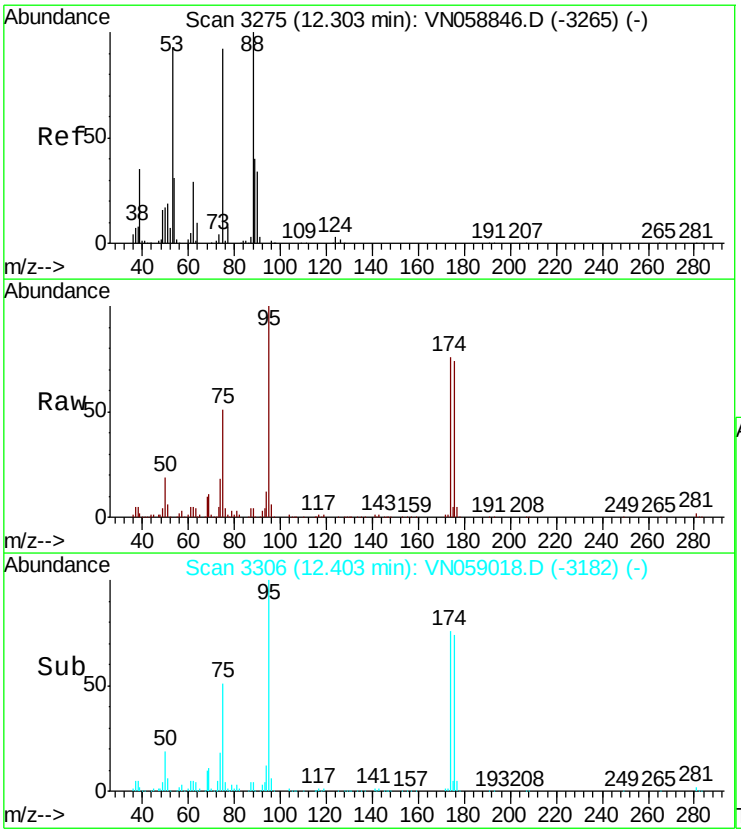
#76
1,2,3-Trichloropropane
Concen: 27.730 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 138845

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

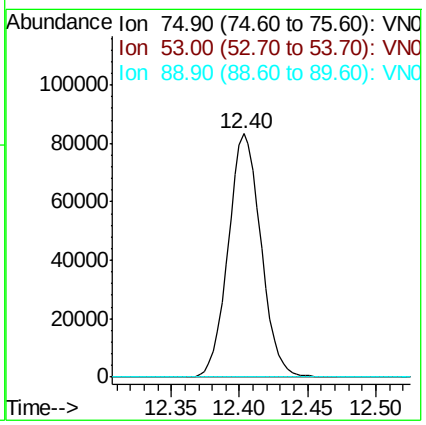


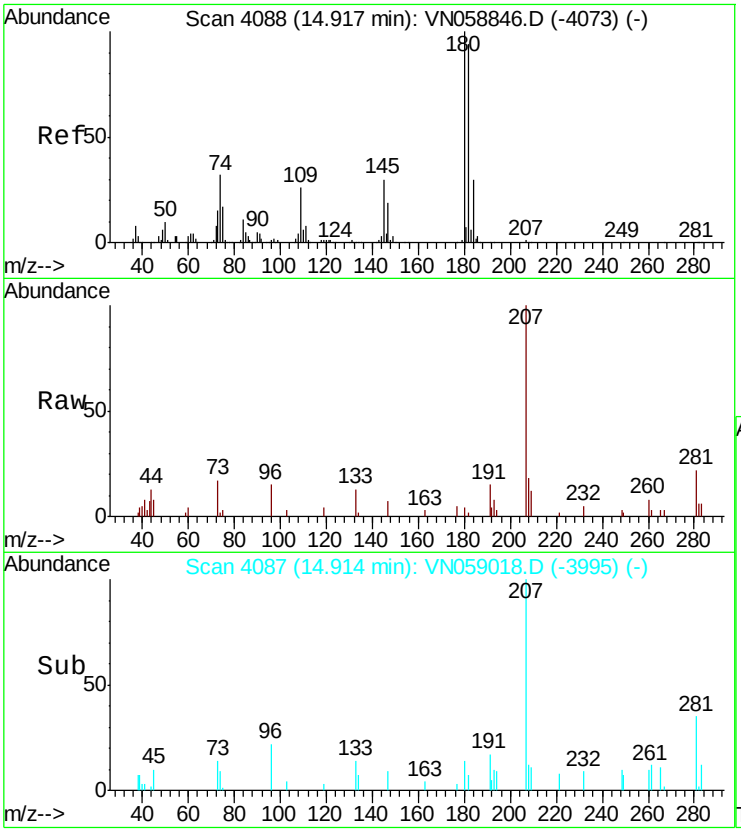


#81
trans-1,4-Dichloro-2-butene
Concen: 72.238 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion: 75 Resp: 138845

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	118.0#
89	0.1	35.4	53.0#



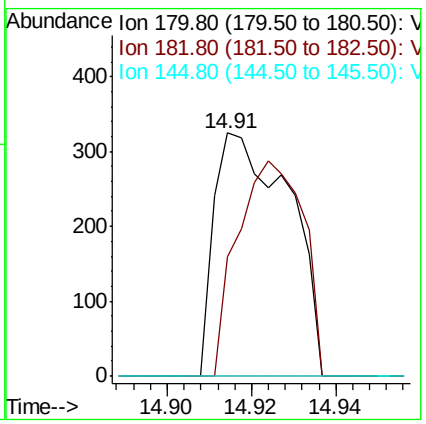


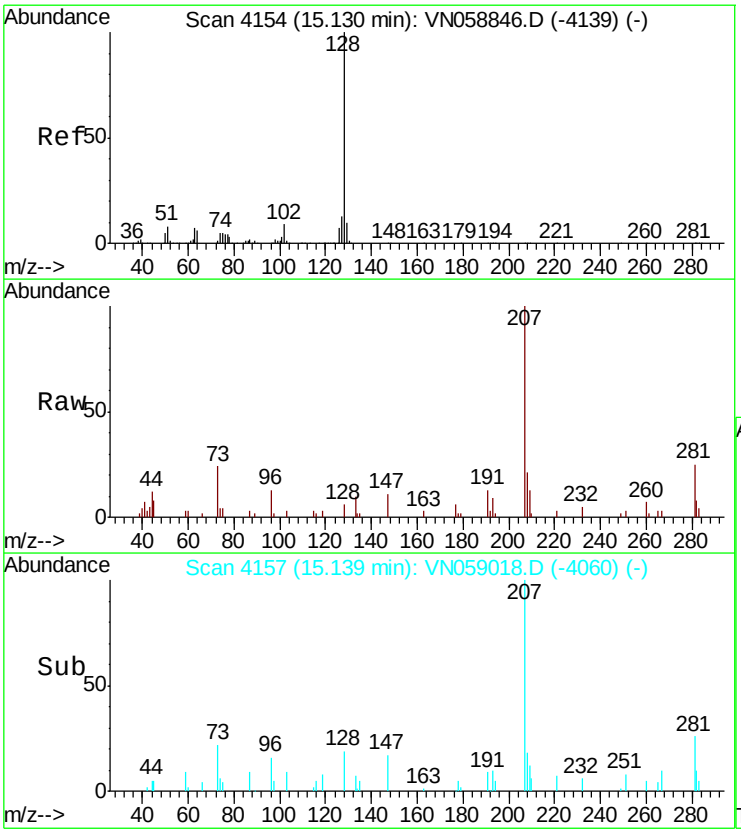
#93
1,2,4-Trichlorobenzene
Concen: 2.609 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 401

Ion	Ratio	Lower	Upper
180	100		
182	77.6	47.3	142.0
145	0.0	15.3	45.8#

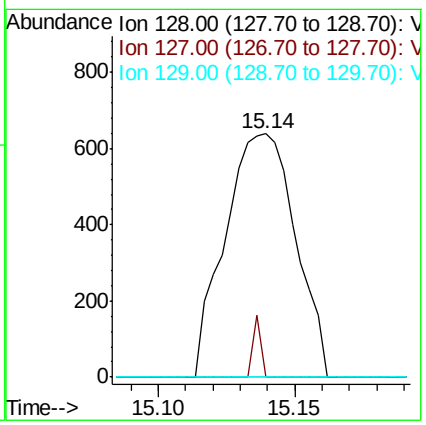


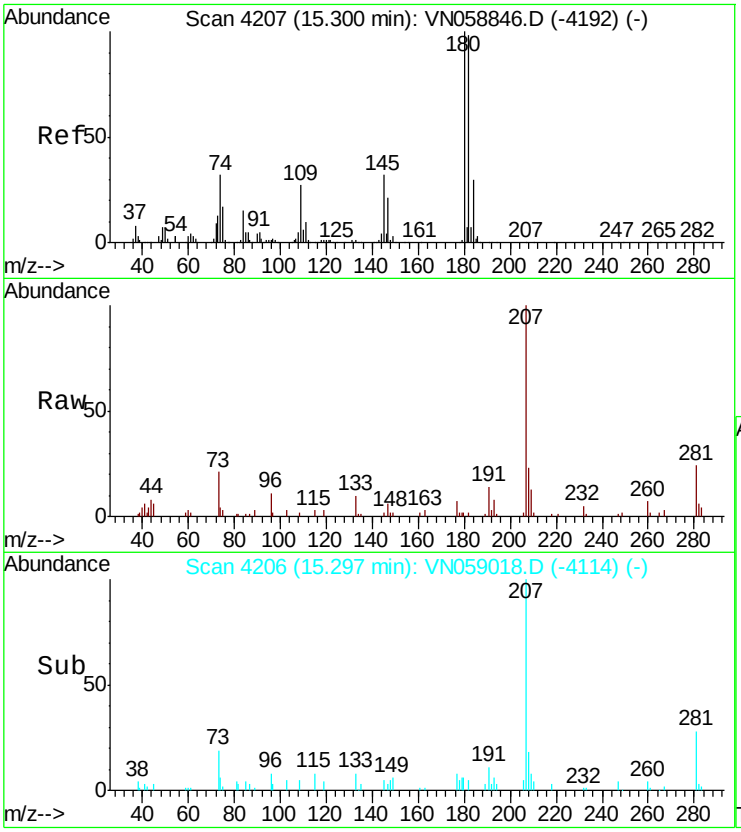


#95
Naphthalene
Concen: 2.314 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Tgt Ion:128 Resp: 1142

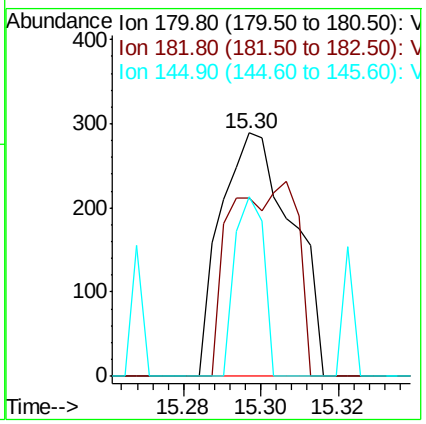
Ion	Ratio	Lower	Upper
128	100		
127	2.7	10.2	15.2#
129	0.0	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 2.479 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059018.D
Acq: 30 Oct 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 371

Ion	Ratio	Lower	Upper
180	100		
182	74.9	47.9	143.7
145	29.6	15.9	47.7