Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102119\
Data File : VN058886.D
Acq On : 21 Oct 2019 14:23
Operator : JC/SP
Sample : K5453-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RT1496

Quant Time: Oct 22 03:19:19 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	422612	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	682659	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	625898	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243578	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	306977	49.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.06%				
35) Dibromofluoromethane	7.57	113	216157	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
50) Toluene-d8	10.08	98	872735	50.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.18%				
62) 4-Bromofluorobenzene	12.40	95	288608	45.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.22%				
Target Compounds							Qvalue
13) Acrolein	3.59	56	349	0.494	ug/l	#	50
16) Acetone	3.80	43	12546	4.096	ug/l		99
18) Methyl Acetate	4.31	43	5059	0.727	ug/l		92
20) Methylene Chloride	4.53	84	83251	15.918	ug/l		99
25) 2-Butanone	6.83	43	3152	0.793	ug/l	#	68
30) Chloroform	7.35	83	2338	0.244	ug/l		97
31) Cyclohexane	7.65	56	10110	1.135	ug/l	#	10
36) 1,1-Dichloropropene	7.65	75	35852	5.130	ug/l	#	50
38) Carbon Tetrachloride	7.65	117	43554	6.049	ug/l	#	17
43) Isopropyl Acetate	8.15	43	109951	9.003	ug/l	#	90
45) 1,2-Dichloropropane	9.26	63	2572	0.457	ug/l	#	44
48) Methyl methacrylate	9.17	41	6727	1.214	ug/l	#	14
51) 4-Methyl-2-Pentanone	9.98	43	8871	1.244	ug/l		88
54) cis-1,3-Dichloropropene	9.90	75	44201	5.097	ug/l	#	67
56) Ethyl methacrylate	10.54	69	1875	2.311	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	7792	0.885	ug/l	#	43
59) 2-Hexanone	10.76	43	123383	22.383	ug/l	#	53
68) m/p-Xylenes	11.62	106	2049	0.247	ug/l		88
70) Styrene	11.97	104	845	1.770	ug/l	#	79
71) Bromoform	12.41	173	1880	0.504	ug/l	#	1
74) N-amyl acetate	12.03	43	6173	0.765	ug/l	#	47
76) 1,2,3-Trichloropropane	12.40	75	156509	27.724	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	7036	0.470	ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	156509	72.224	ug/l	#	10
84) 1,2,4-Trimethylbenzene	13.05	105	13278	0.900	ug/l		96
93) 1,2,4-Trichlorobenzene	14.91	180	1143	2.744	ug/l		84
95) Naphthalene	15.13	128	32905	4.479	ug/l		96
96) 1,2,3-Trichlorobenzene	15.30	180	1311	2.659	ug/l	#	80

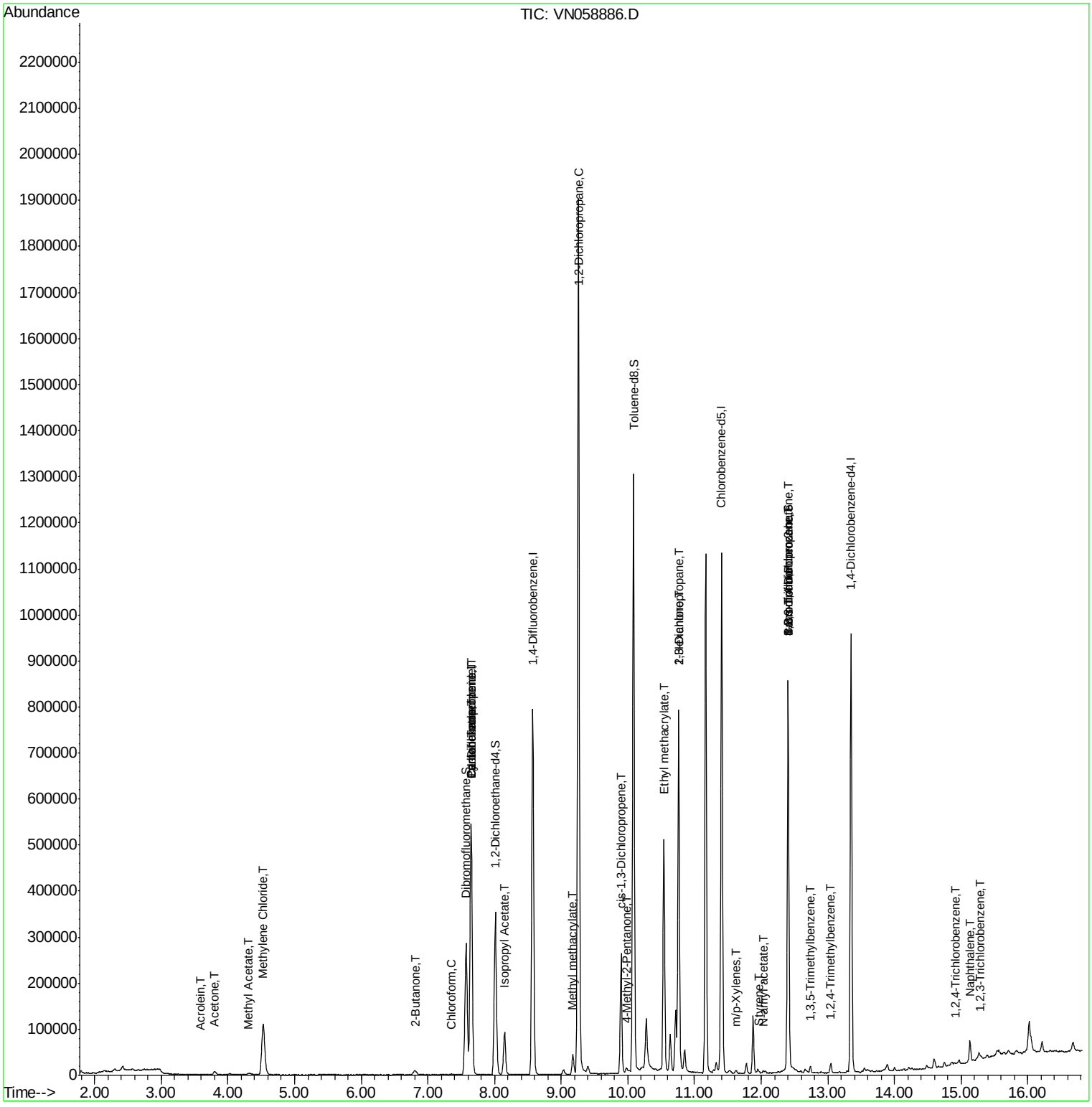
(#) = qualifier out of range (m) = manual integration (+) = signals summed

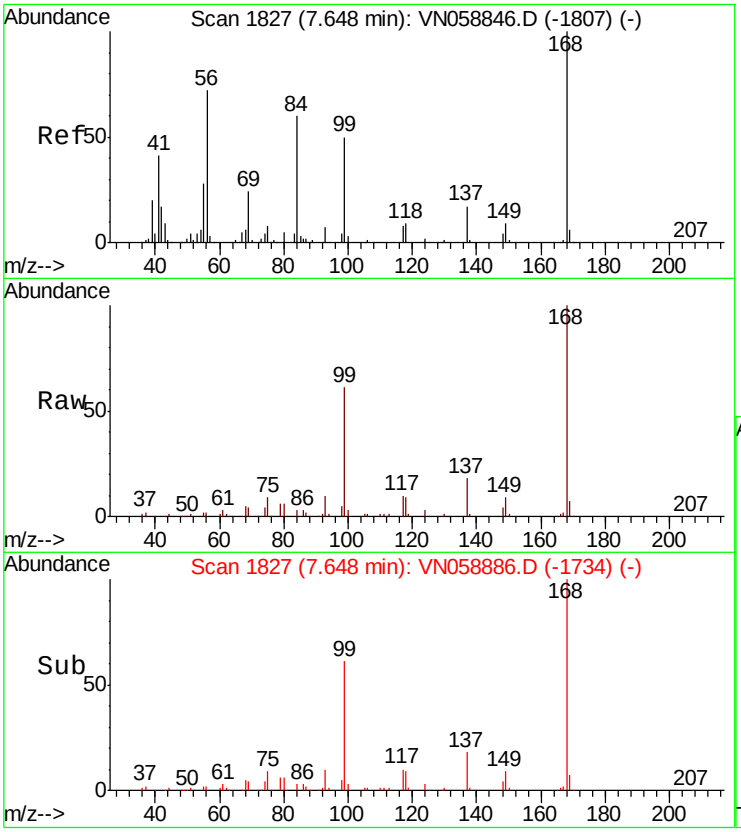
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102119\
Data File : VN058886.D
Acq On : 21 Oct 2019 14:23
Operator : JC/SP
Sample : K5453-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RT1496

Quant Time: Oct 22 03:19:19 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



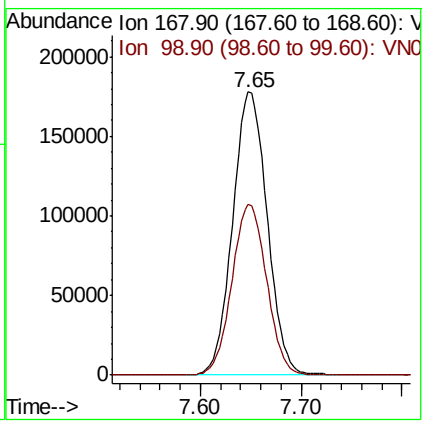


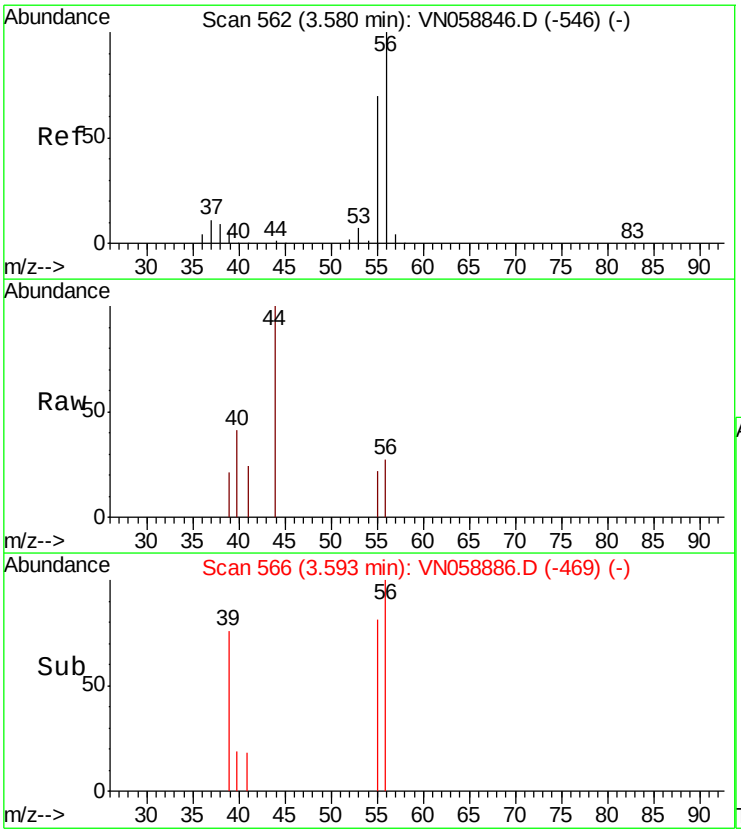
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:168 Resp: 422612

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.1	72.1

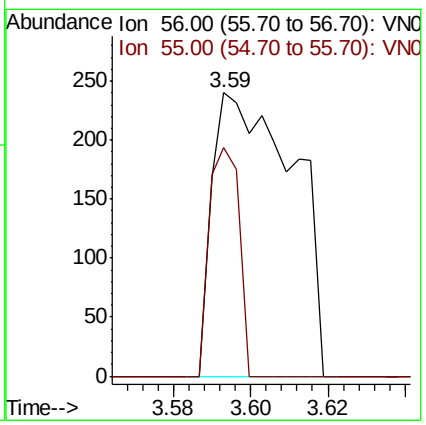


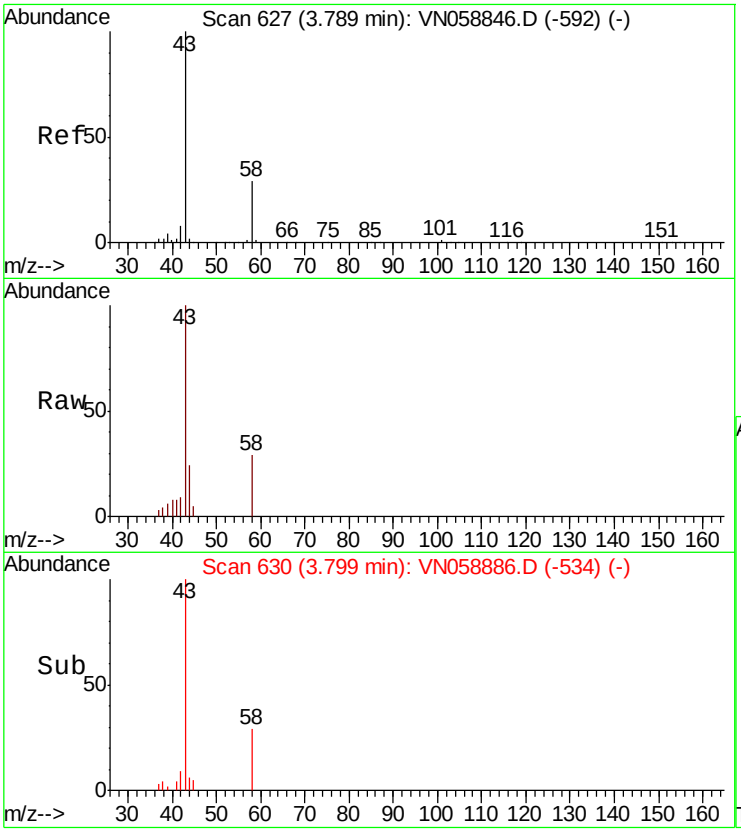


#13
Acrolein
Concen: 0.494 ug/l
RT: 3.59 min Scan# 566
Delta R.T. 0.01 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 56 Resp: 349

Ion	Ratio	Lower	Upper
56	100		
55	29.8	56.6	85.0#



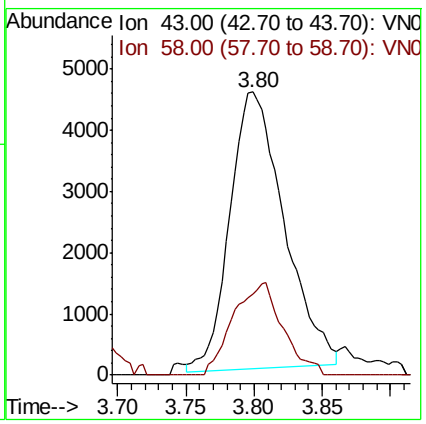


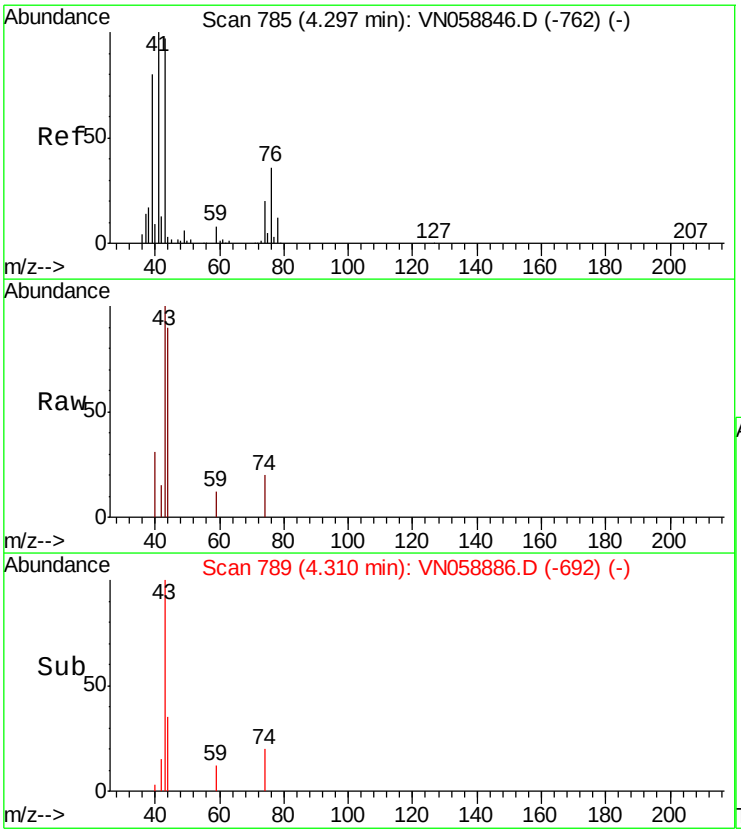
#16
Acetone
Concen: 4.096 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion: 43 Resp: 12546

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7

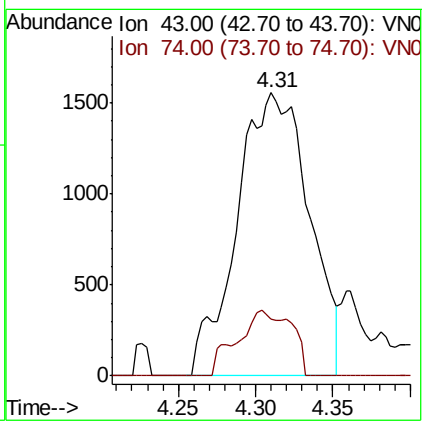


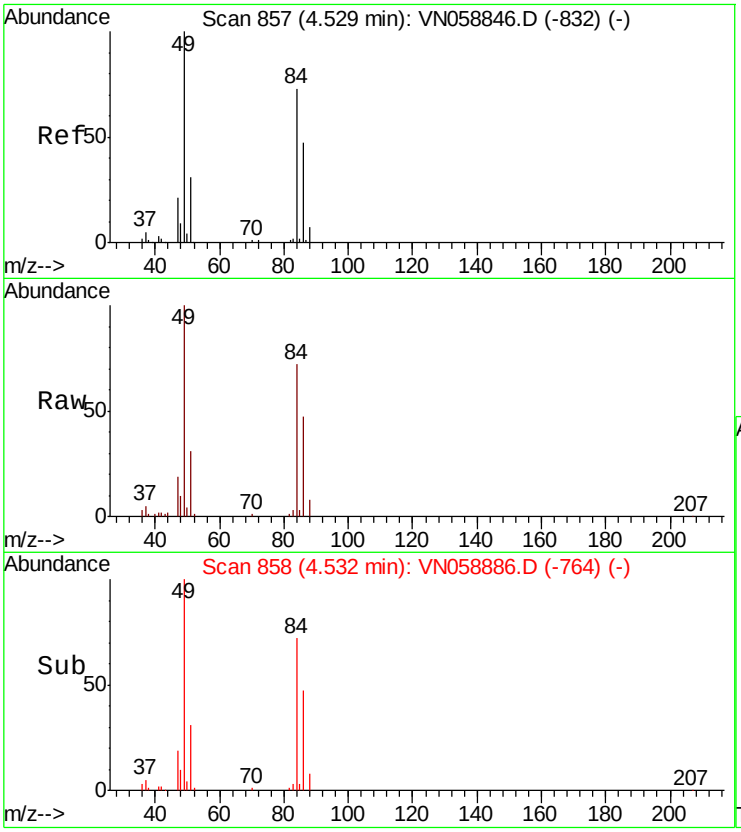


#18
Methyl Acetate
Concen: 0.727 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 5059

Ion	Ratio	Lower	Upper
43	100		
74	17.4	17.1	25.7



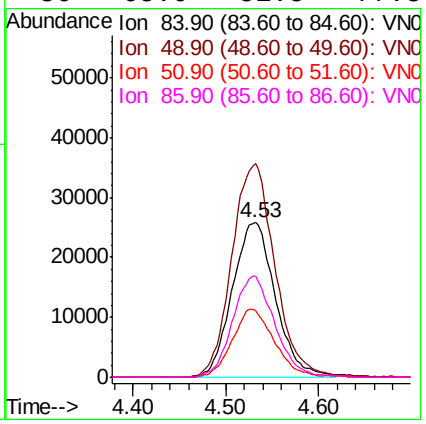


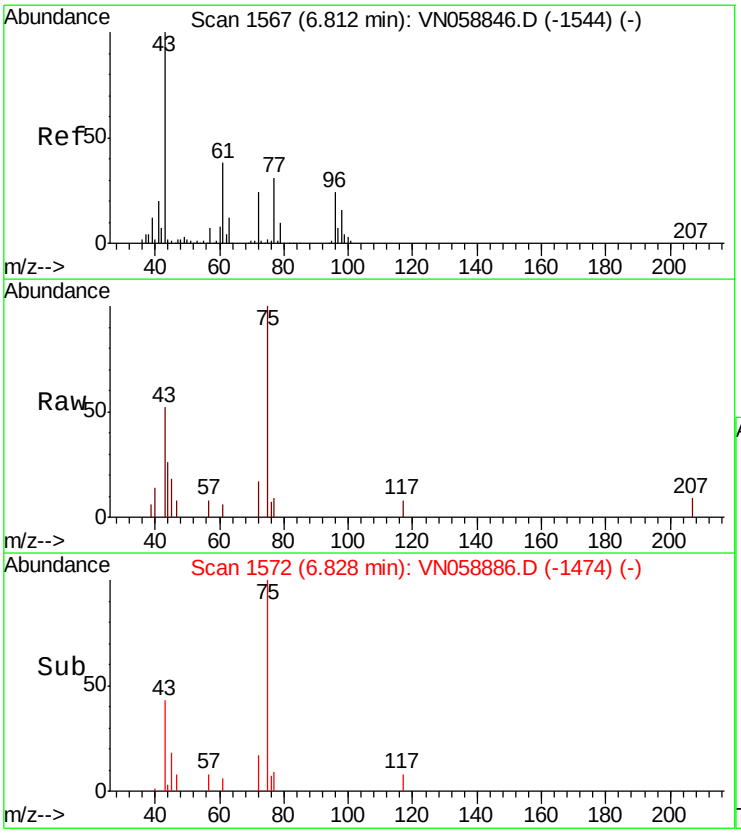
#20
Methylene Chloride
Concen: 15.918 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 84 Resp: 83251

Ion	Ratio	Lower	Upper
84	100		
49	138.0	109.6	164.4
51	43.0	33.8	50.6
86	65.0	51.5	77.3

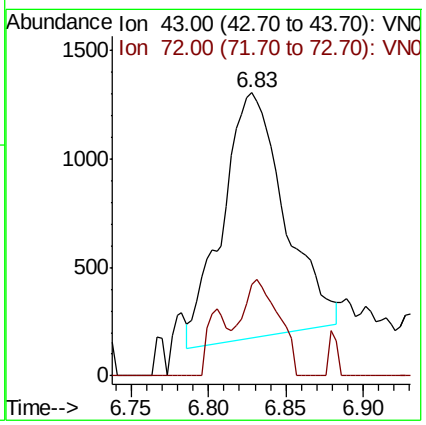


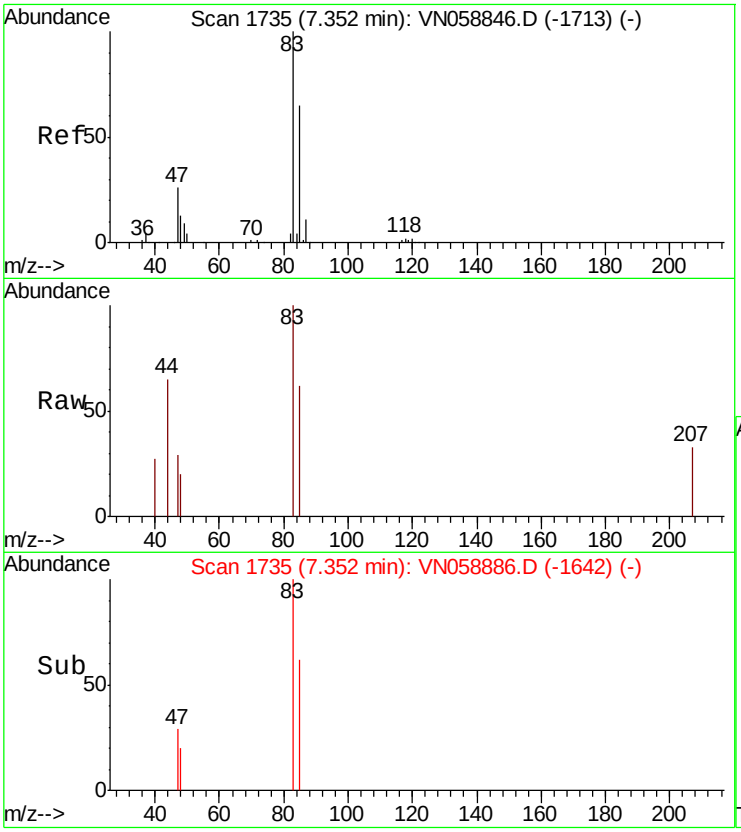


#25
2-Butanone
Concen: 0.793 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 3152

Ion	Ratio	Lower	Upper
43	100		
72	39.7	19.1	28.7#



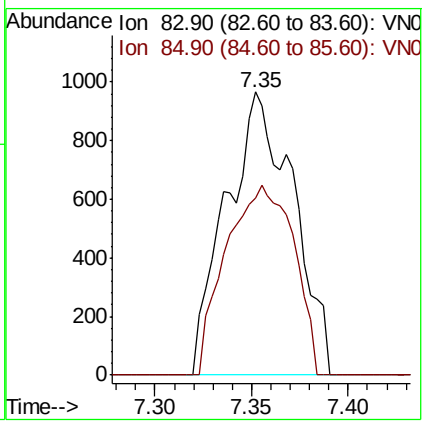


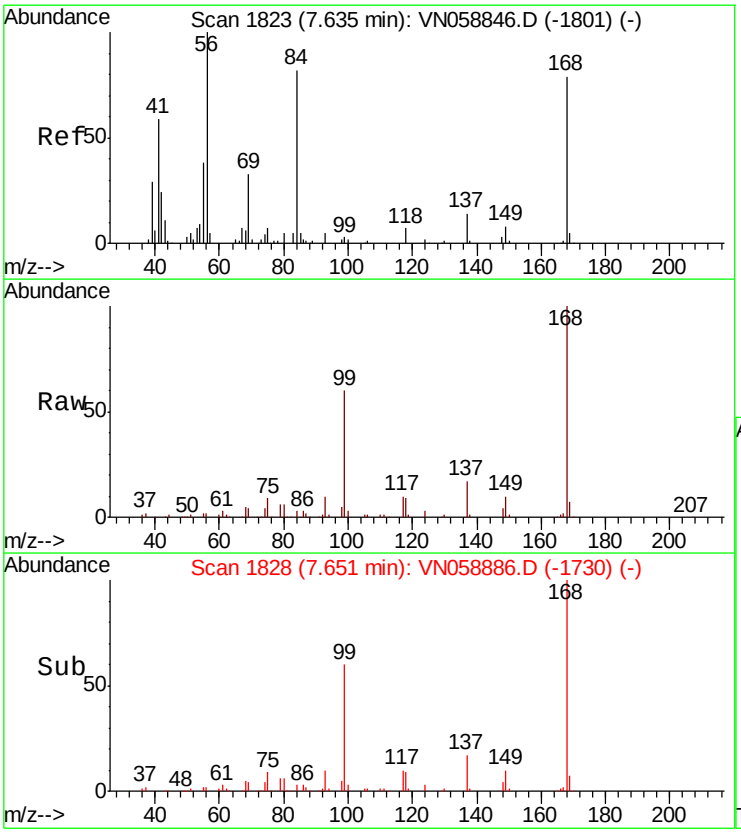
#30
Chloroform
Concen: 0.244 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion: 83 Resp: 2338

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.9	77.9

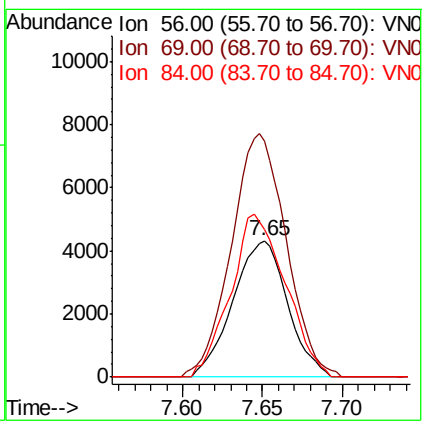


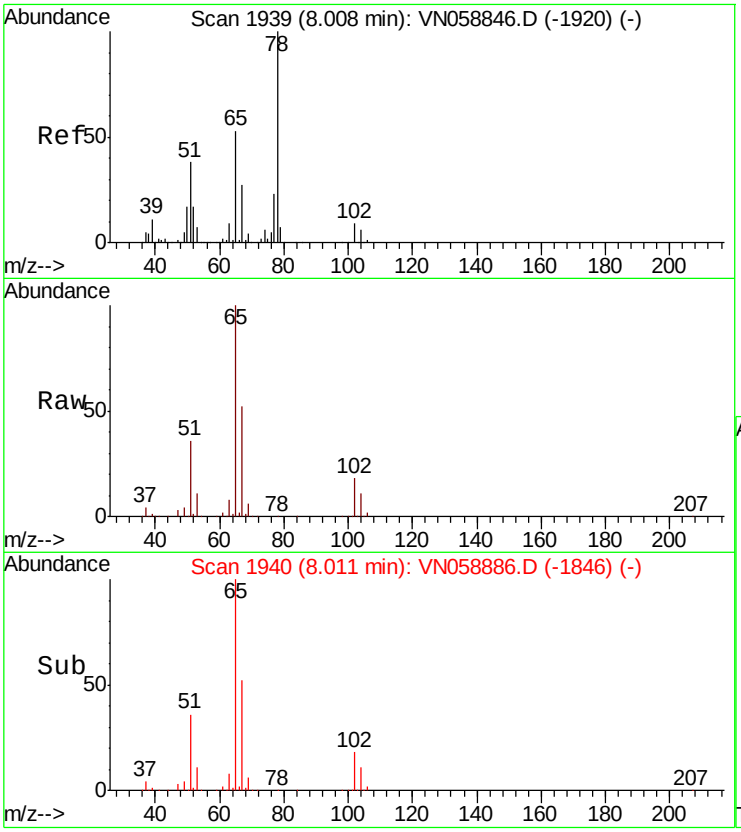


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 56 Resp: 10110

Ion	Ratio	Lower	Upper
56	100		
69	169.0	26.2	39.4#
84	107.7	65.6	98.4#



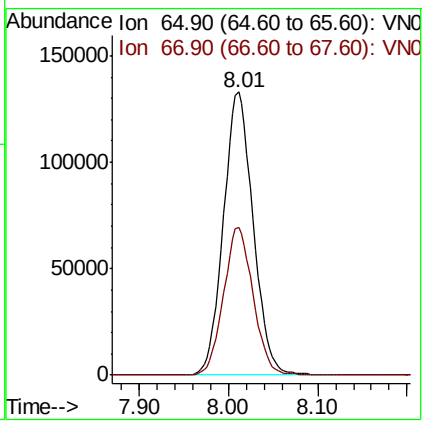


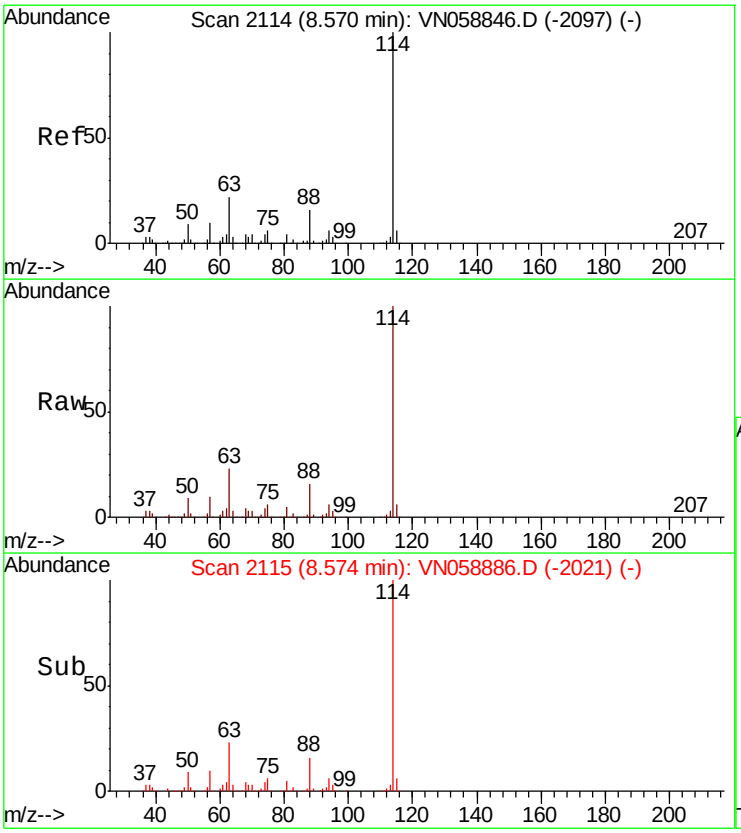
#33
1,2-Dichloroethane-d4
Concen: 49.526 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 65 Resp: 306977

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.2

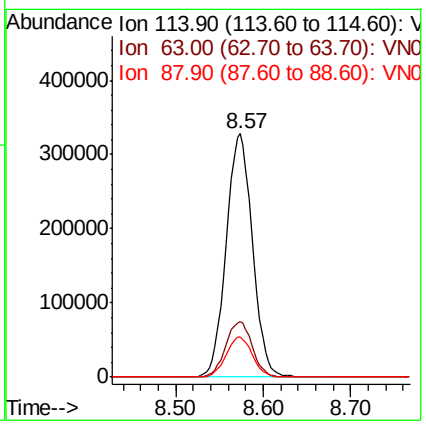


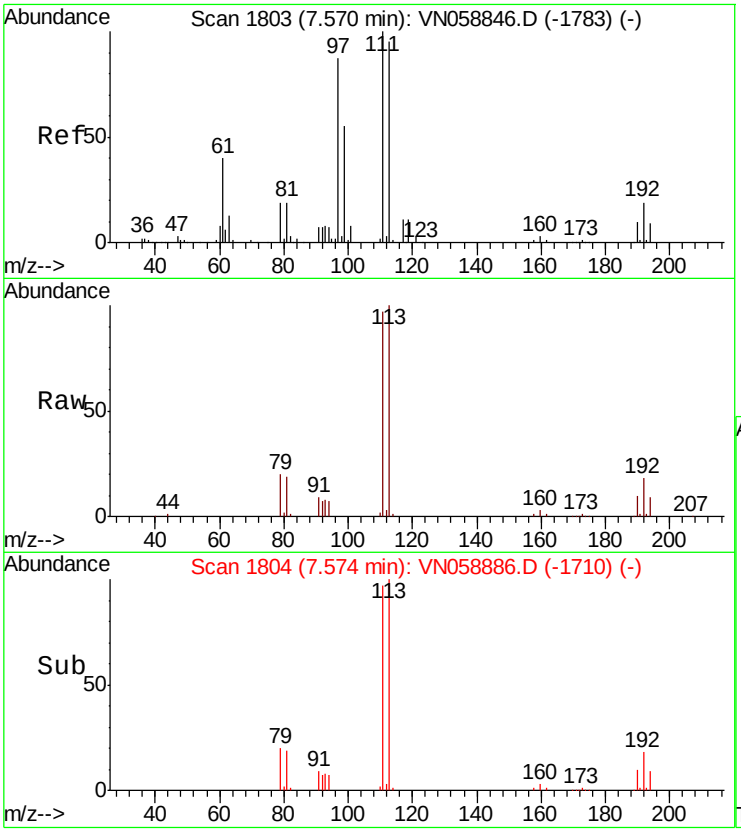


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:114 Resp: 682659

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.4
88	16.5	0.0	31.4



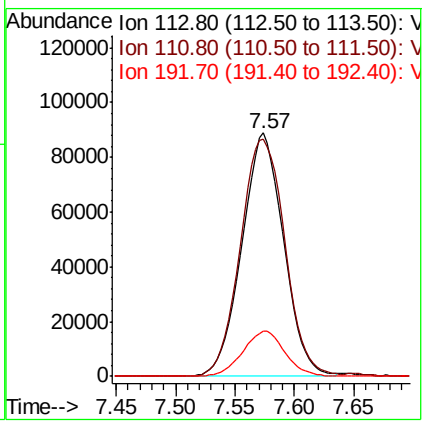


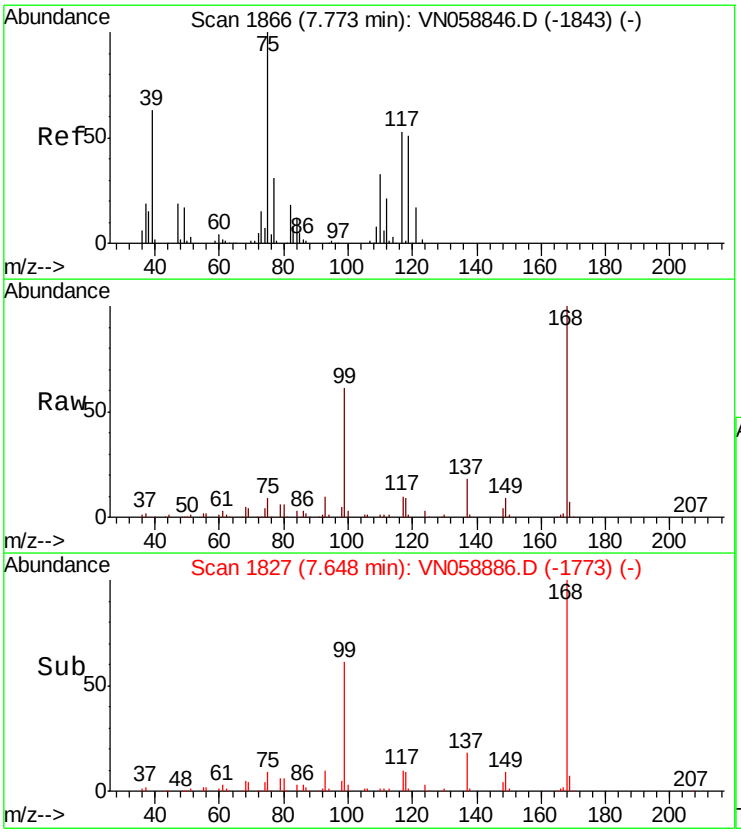
#35
Dibromofluoromethane
Concen: 48.160 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:113 Resp: 216157

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.0	123.0
192	18.7	15.0	22.6

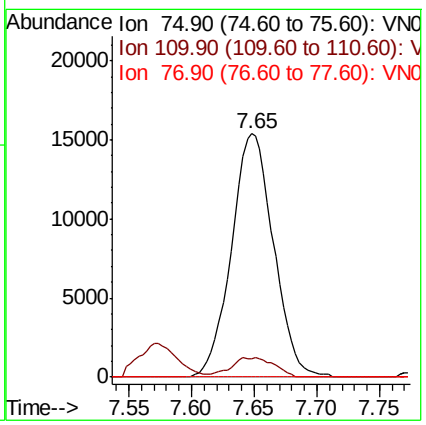


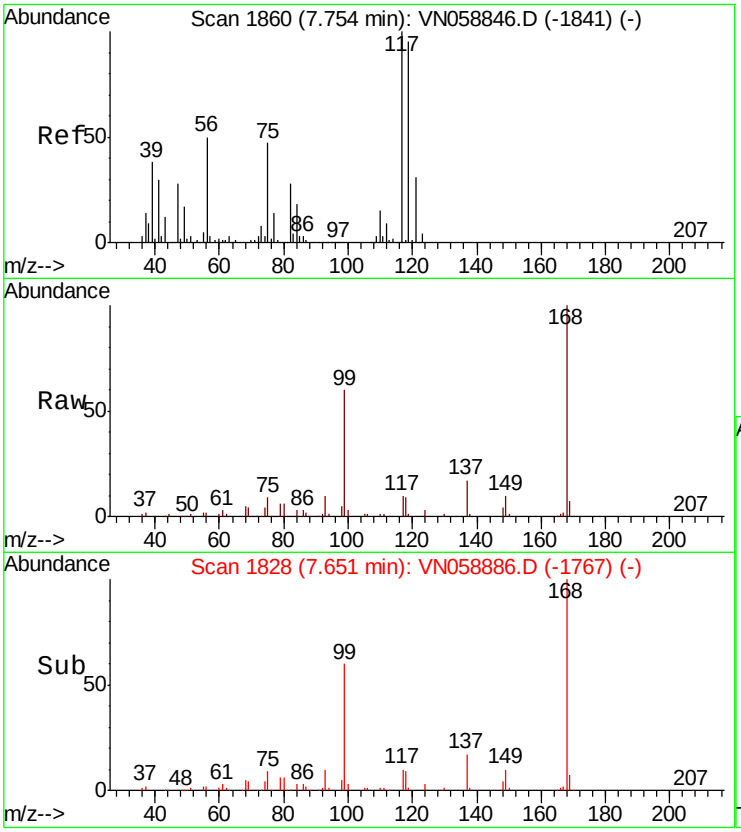


#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 75 Resp: 35852

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.3	48.9#
77	0.0	24.6	36.8#



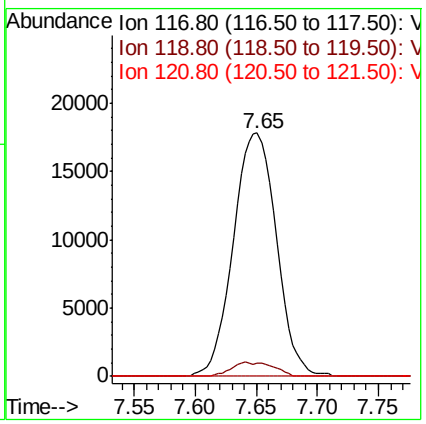


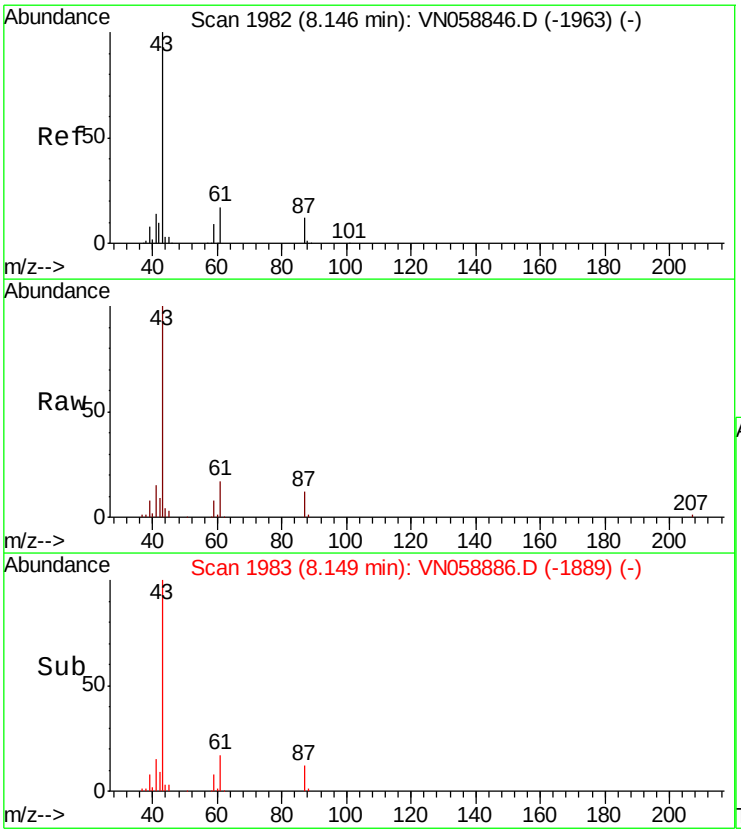
#38
Carbon Tetrachloride
Concen: 6.049 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.10 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:117 Resp: 43554

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.7	113.5#
121	0.0	25.0	37.6#

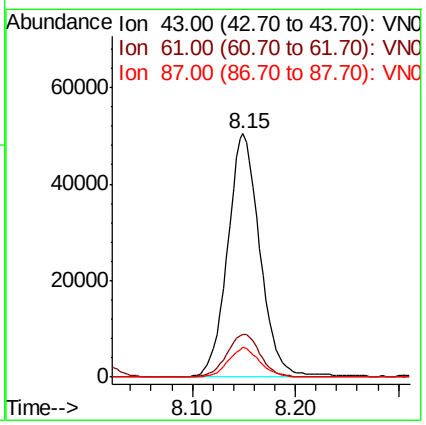


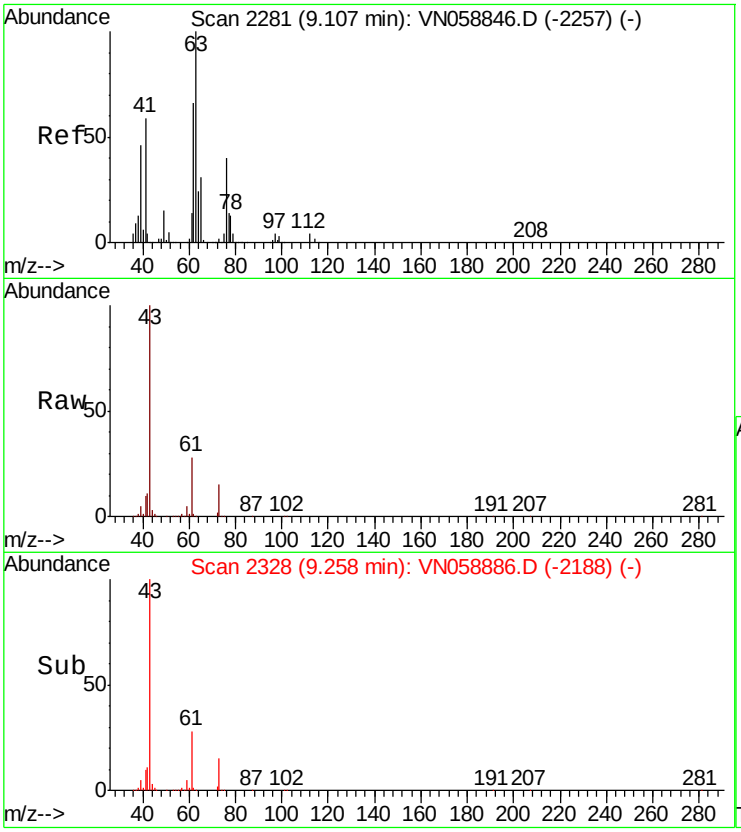


#43
Isopropyl Acetate
Concen: 9.003 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 109951

Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.2	30.2#
87	11.7	9.5	14.3



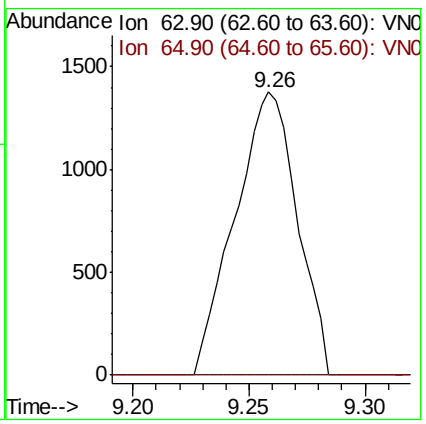


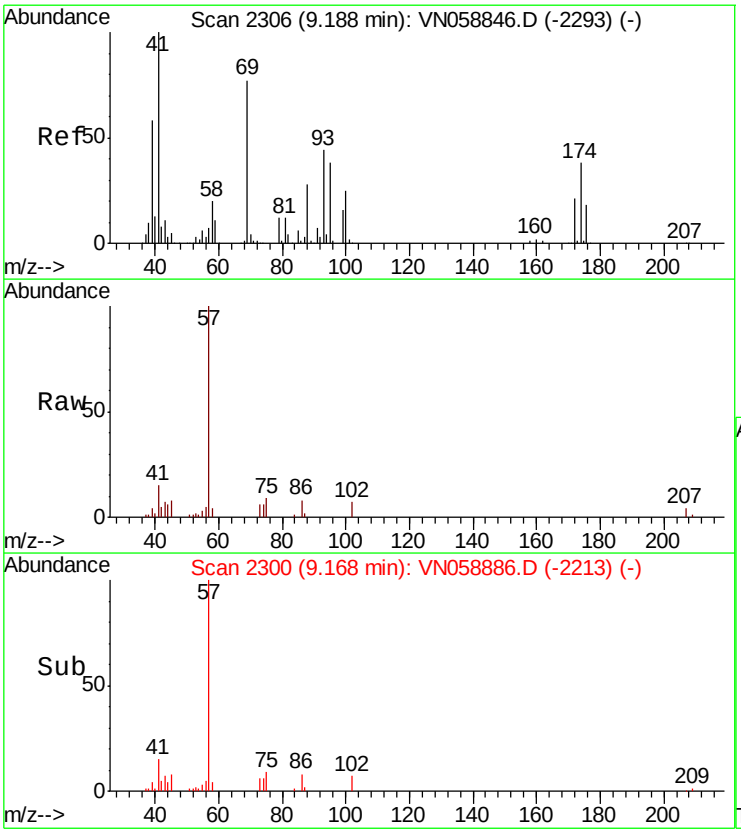
#45
1,2-Dichloropropane
Concen: 0.457 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.15 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 63 Resp: 2572

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.5	36.7#

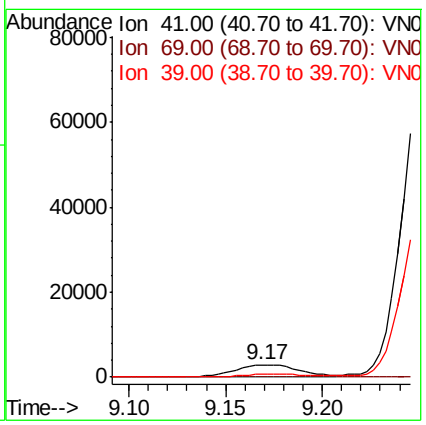


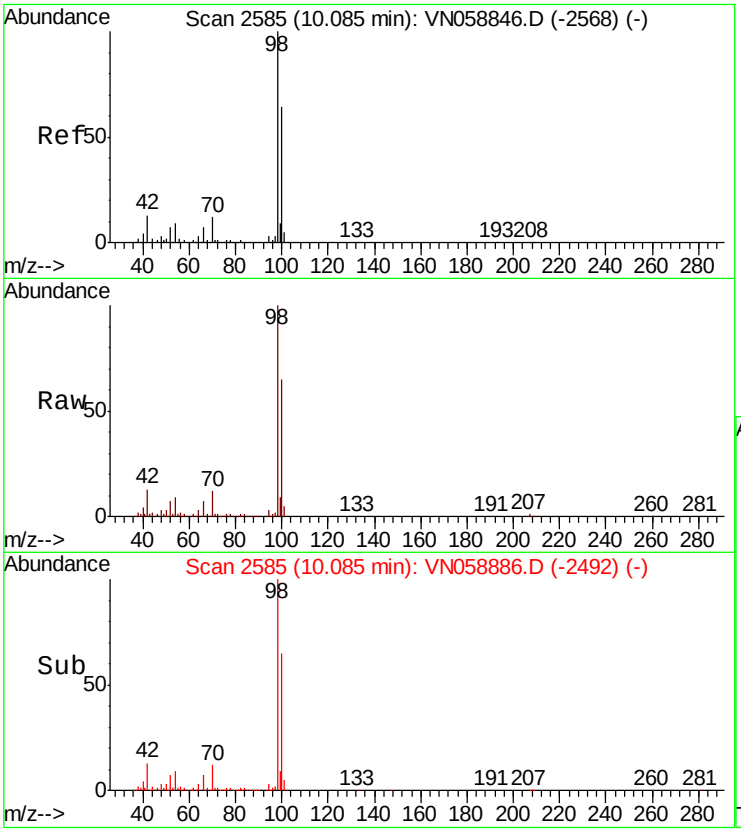


#48
Methyl methacrylate
Concen: 1.214 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 41 Resp: 6727

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



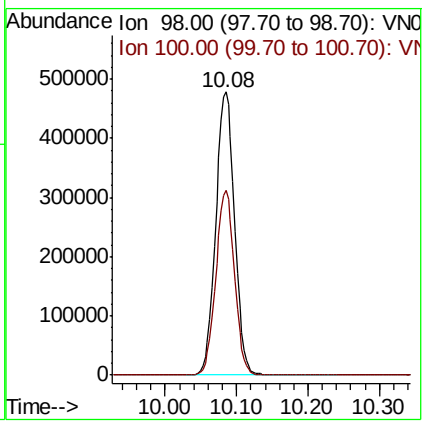


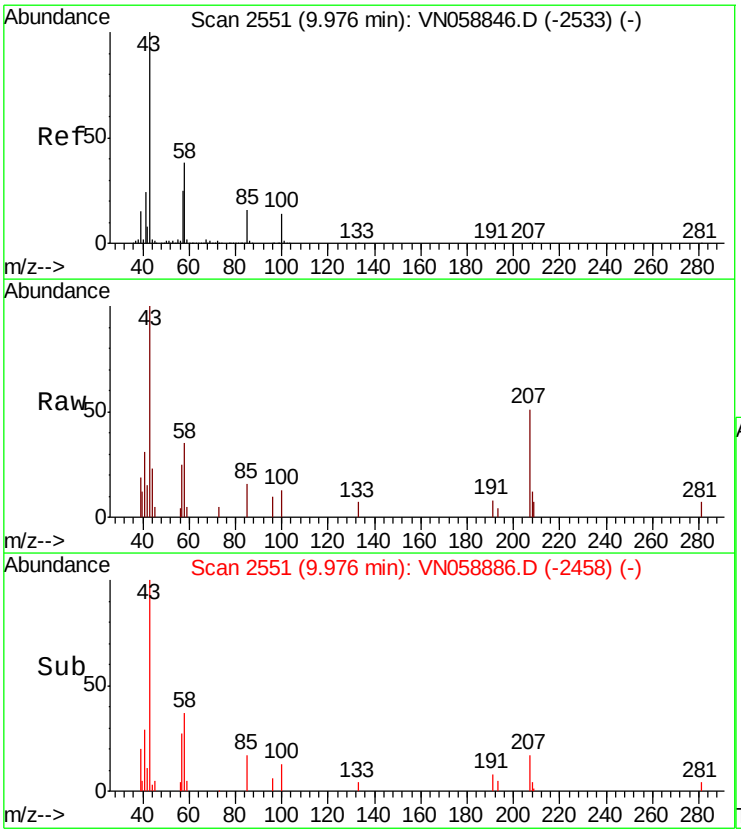
#50
Toluene-d8
Concen: 50.091 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 98 Resp: 872735

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2

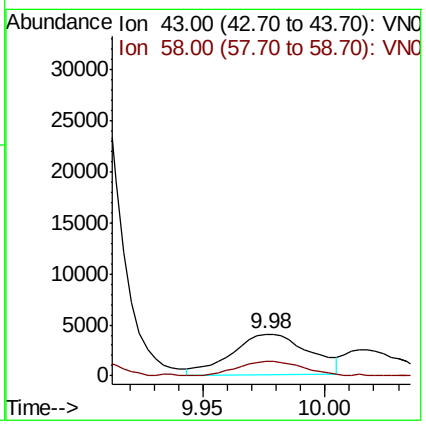


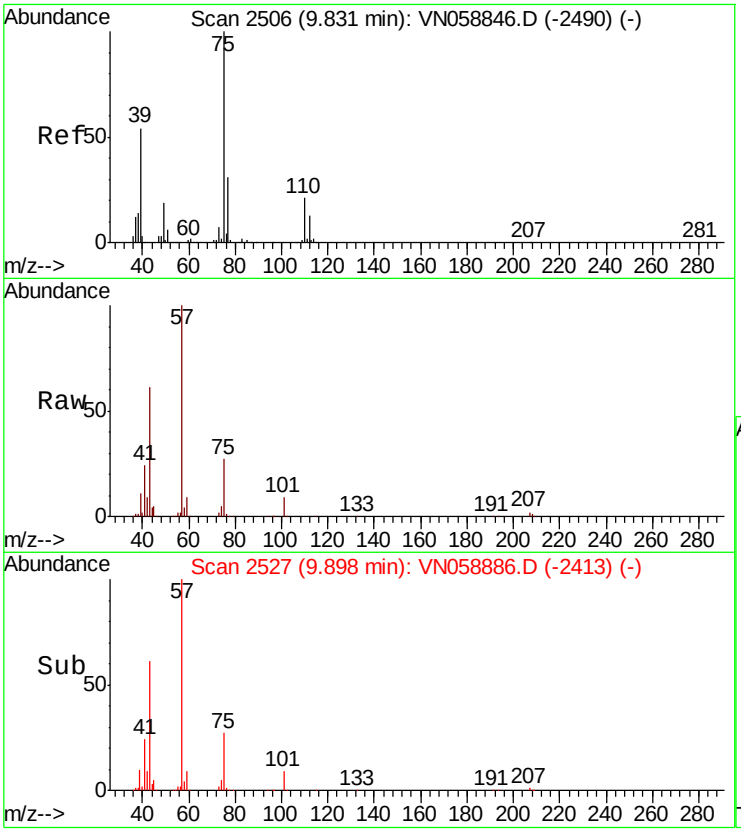


#51
4-Methyl-2-Pentanone
Concen: 1.244 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 8871

Ion	Ratio	Lower	Upper
43	100		
58	29.9	29.9	44.9



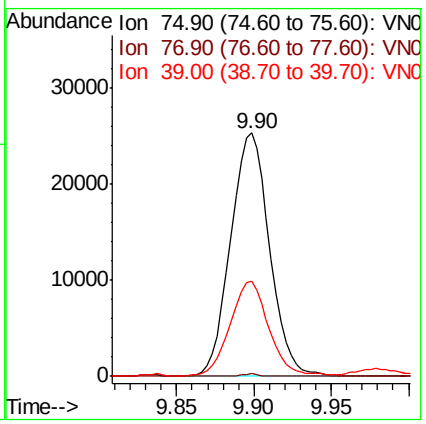


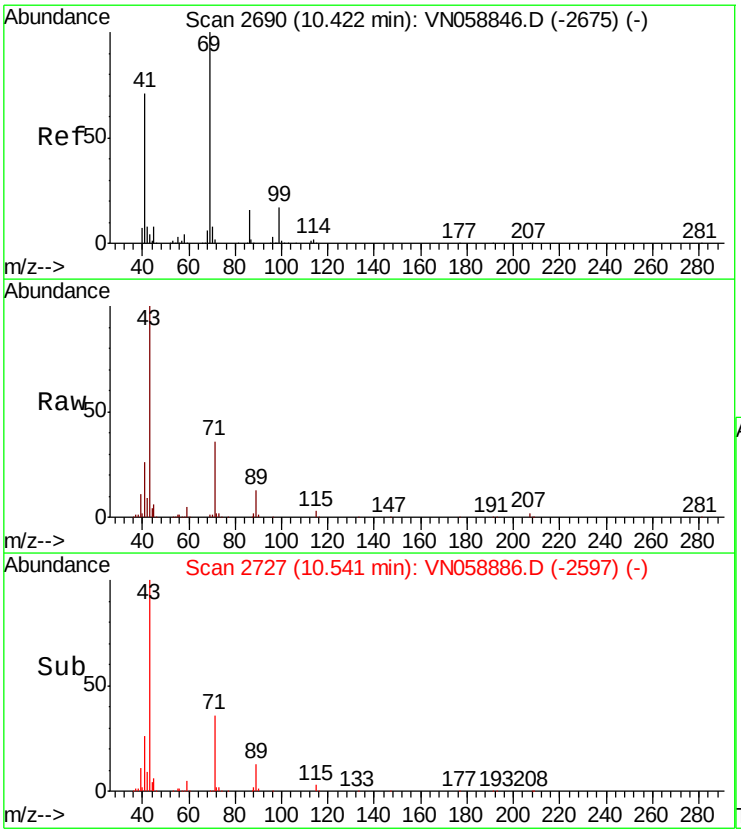
#54
cis-1,3-Dichloropropene
Concen: 5.097 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion: 75 Resp: 44201

Ion	Ratio	Lower	Upper
75	100		
77	1.0	24.7	37.1#
39	39.0	43.5	65.3#

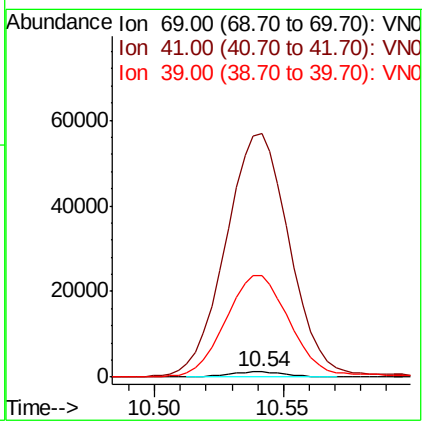


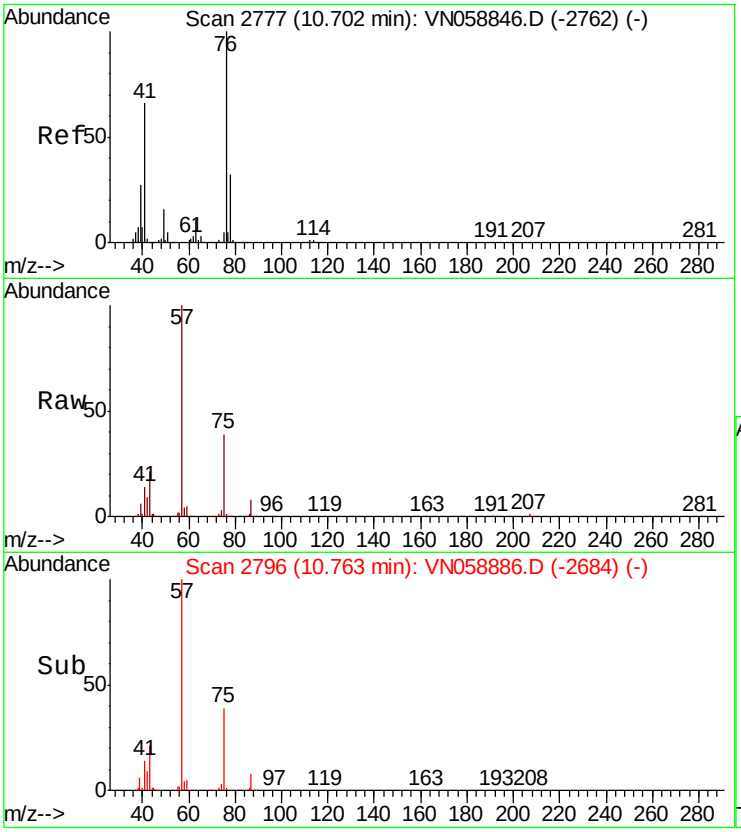


#56
Ethyl methacrylate
Concen: 2.311 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 69 Resp: 1875

Ion	Ratio	Lower	Upper
69	100		
41	5286.9	57.2	85.8#
39	2239.3	31.0	46.4#



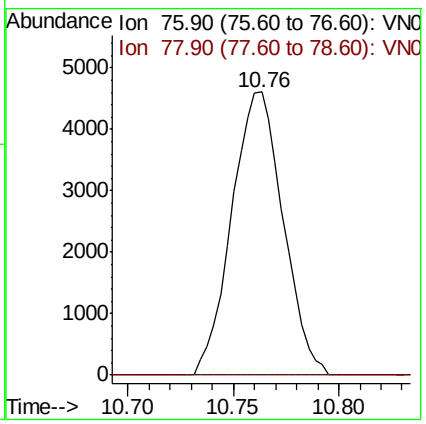


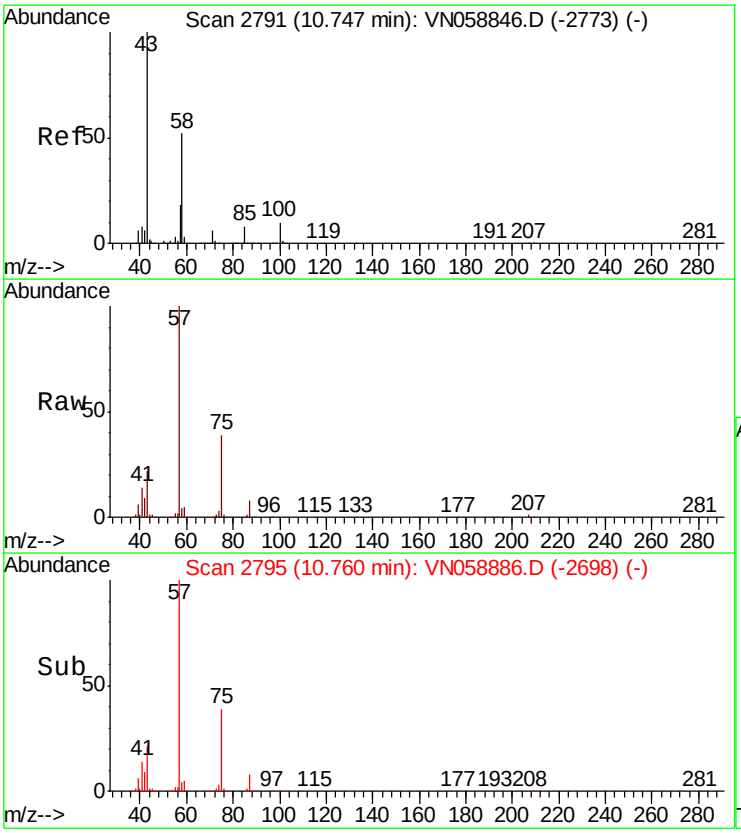
#57
1,3-Dichloropropane
Concen: 0.885 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion: 76 Resp: 7792

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#

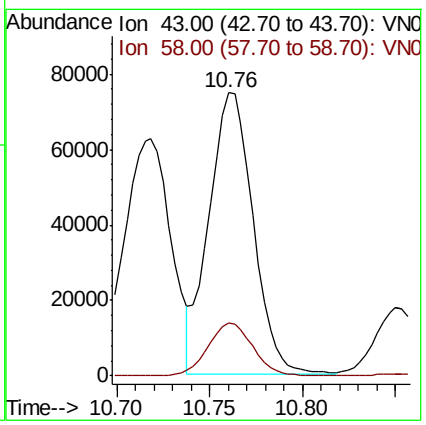


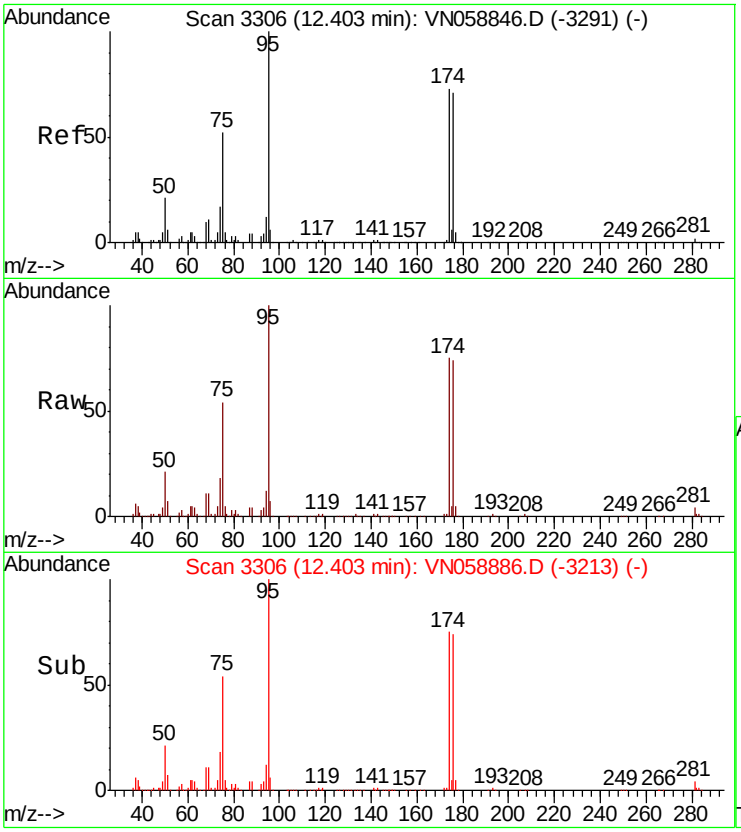


#59
2-Hexanone
Concen: 22.383 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 123383

Ion	Ratio	Lower	Upper
43	100		
58	19.1	25.9	77.7#



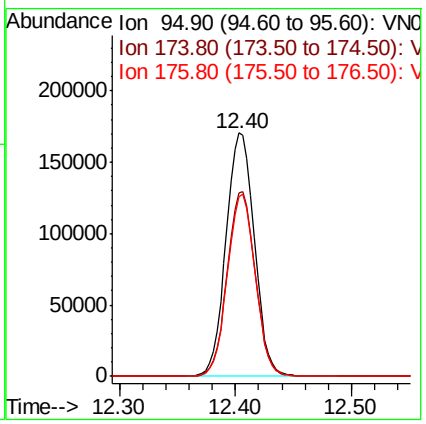


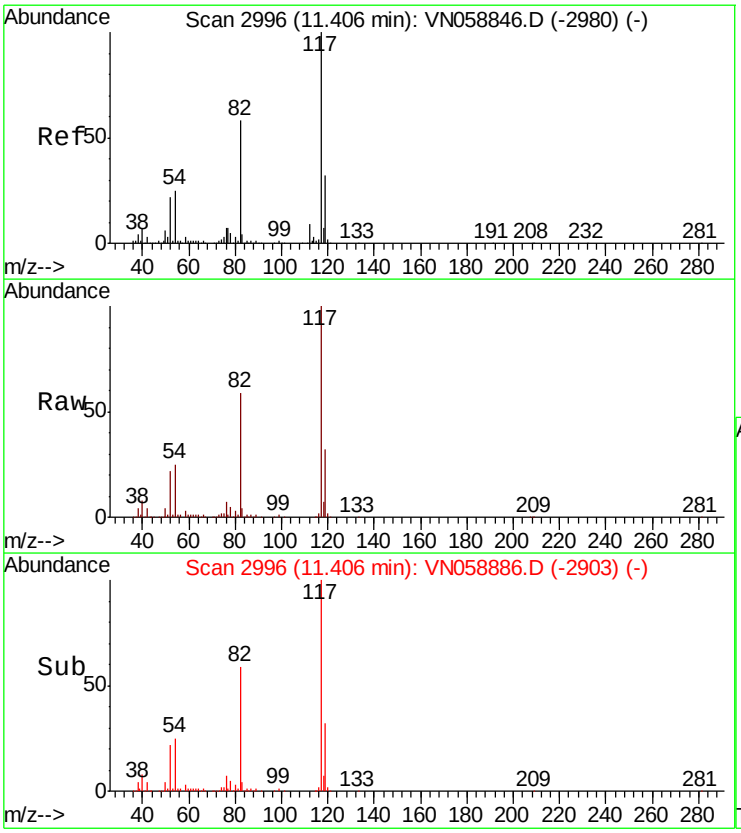
#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 95 Resp: 288608

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	147.6
176	73.3	0.0	143.2

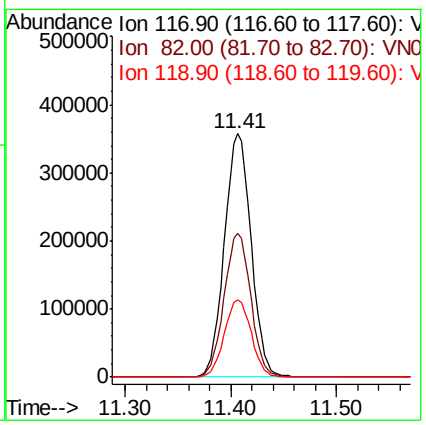


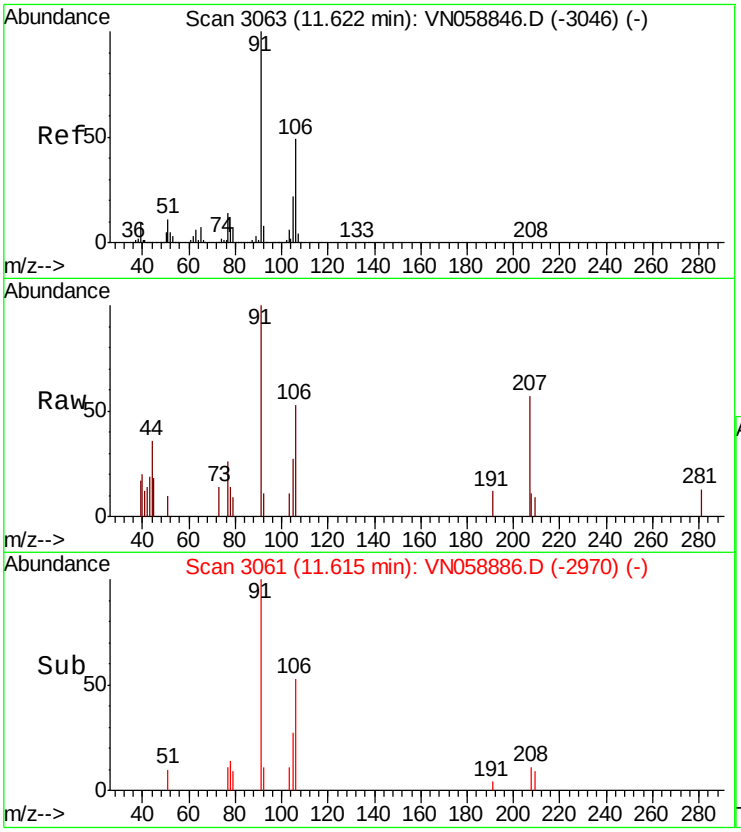


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:117 Resp: 625898

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.6	69.8
119	31.9	25.6	38.4



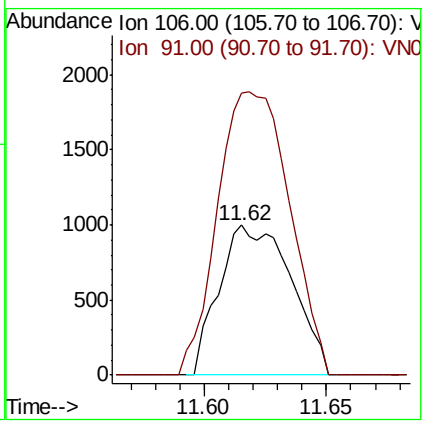


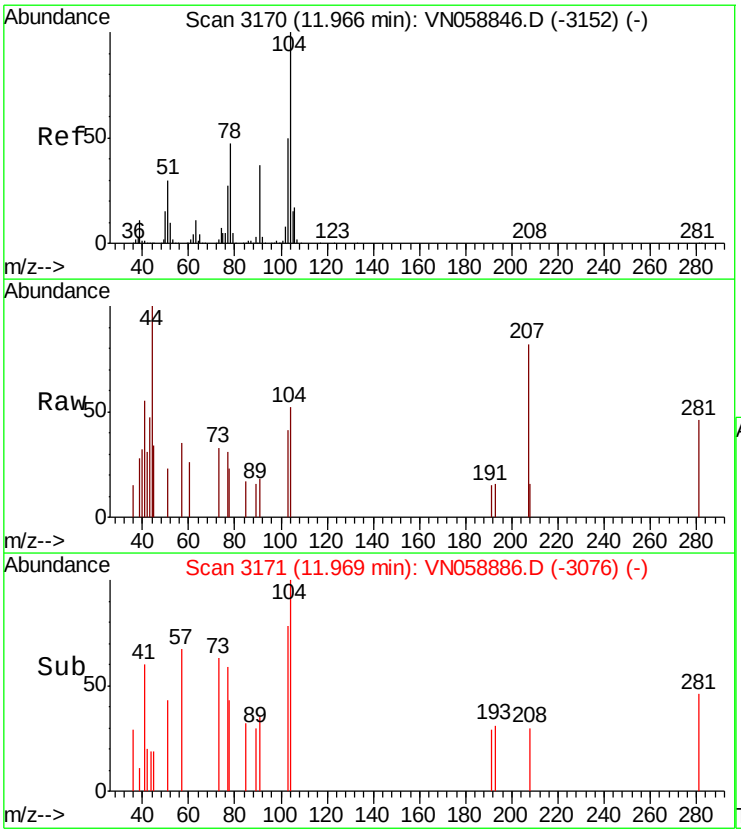
#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion:106 Resp: 2049

Ion	Ratio	Lower	Upper
106	100		
91	189.1	166.6	249.8

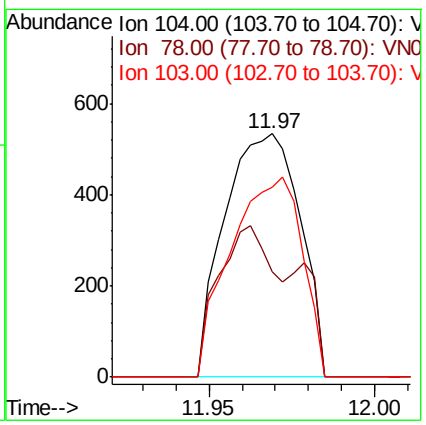


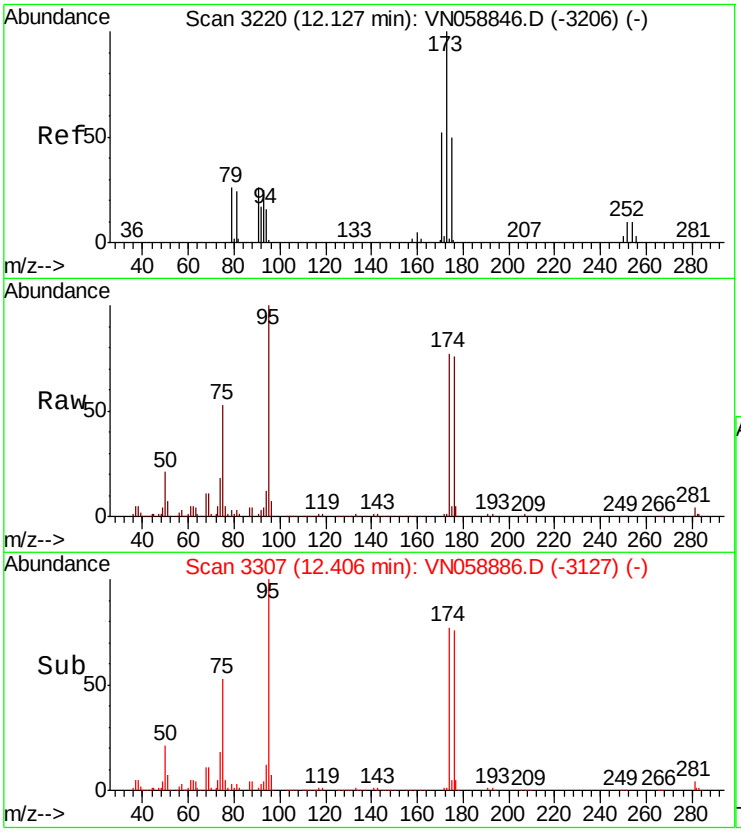


#70
Styrene
Concen: 1.770 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:104 Resp: 845

Ion	Ratio	Lower	Upper
104	100		
78	46.4	42.8	64.2
103	78.1	44.3	66.5#



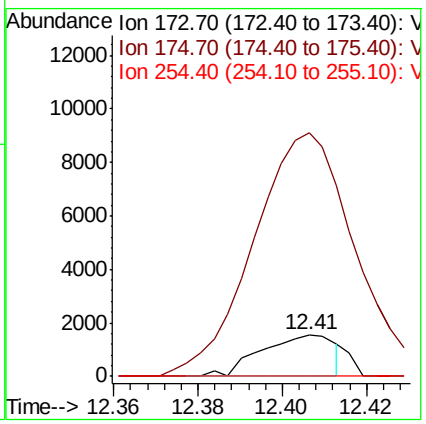


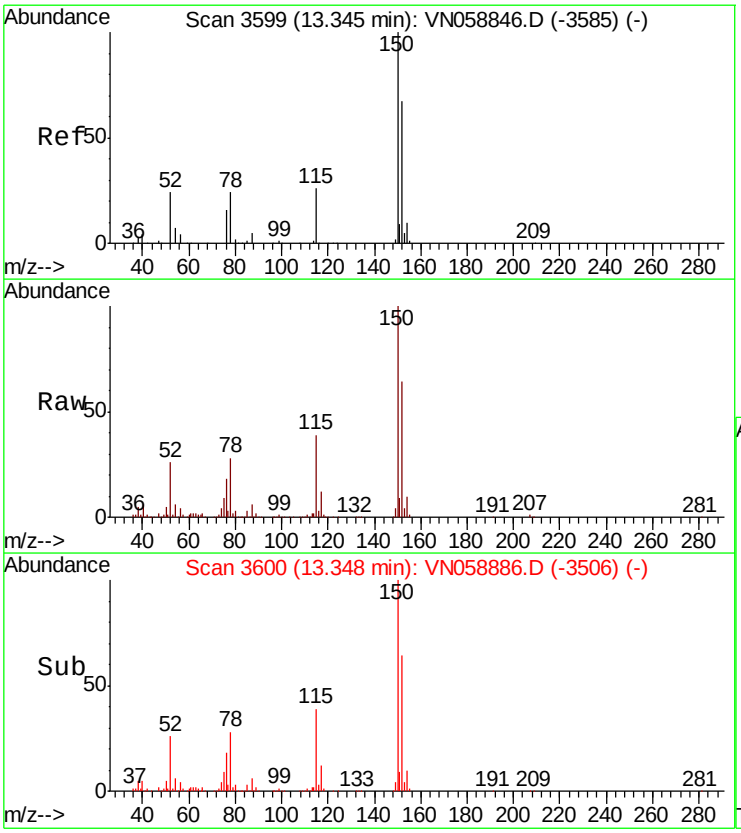
#71
Bromoform
Concen: 0.504 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion:173 Resp: 1880

Ion	Ratio	Lower	Upper
173	100		
175	640.9	24.7	74.1#
254	0.0	0.0	0.0

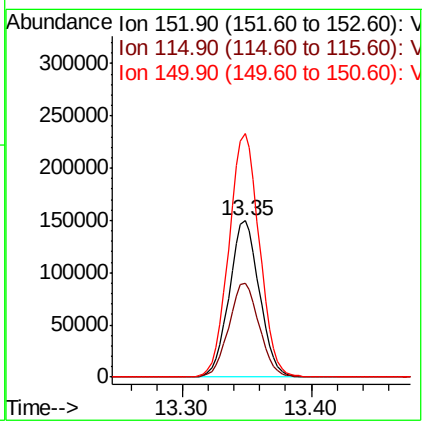


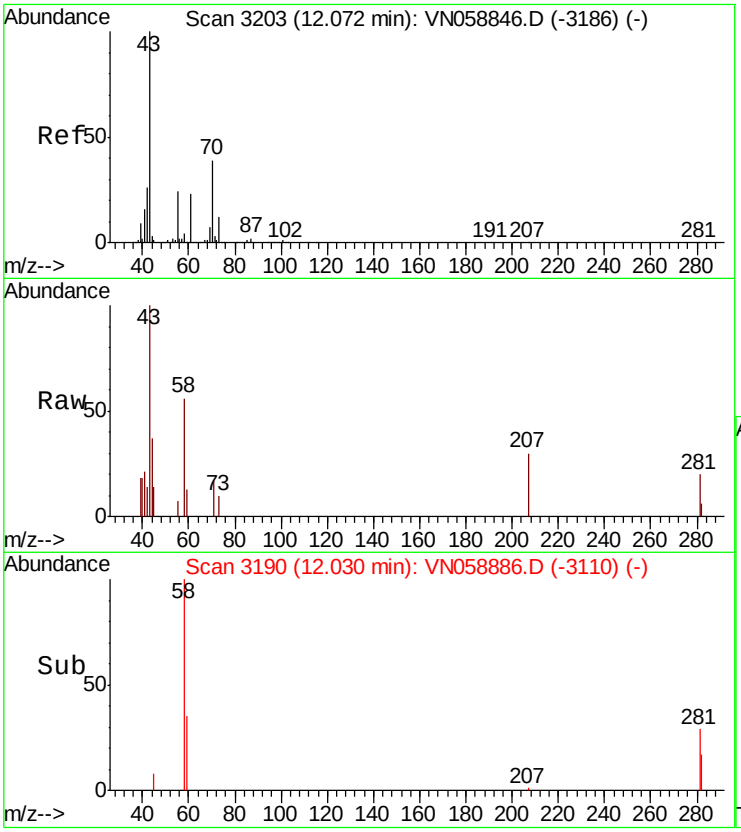


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:152 Resp: 243578

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	156.7	0.0	344.4



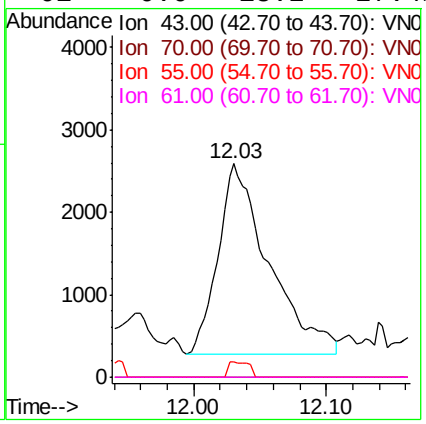


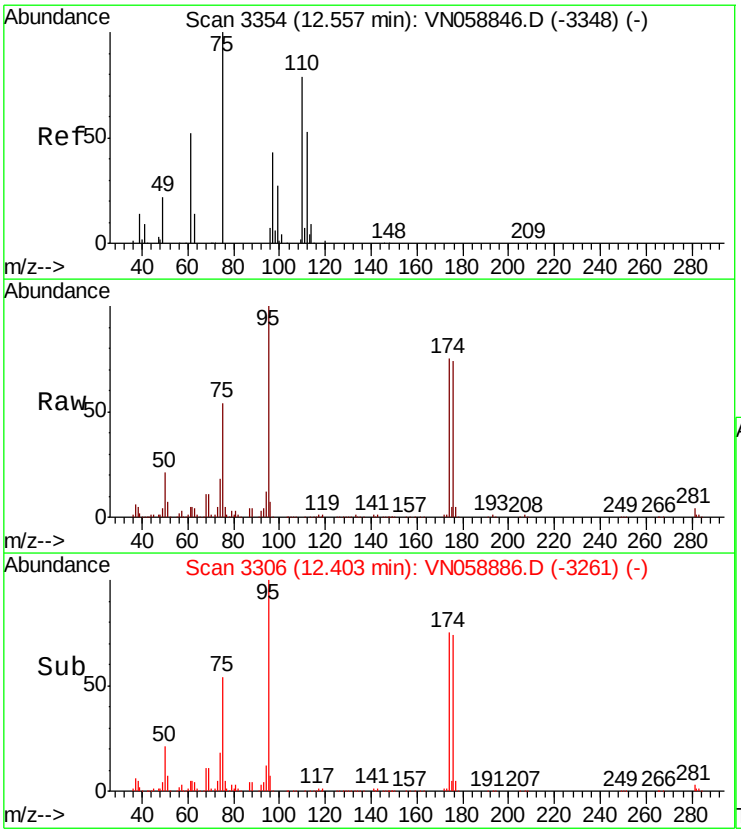
#74
N-amyl acetate
Concen: 0.765 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument : MSVOA_N
ClientSampleId : RT1496

Tgt Ion: 43 Resp: 6173

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	3.3	19.7	29.5#
61	0.0	18.2	27.4#

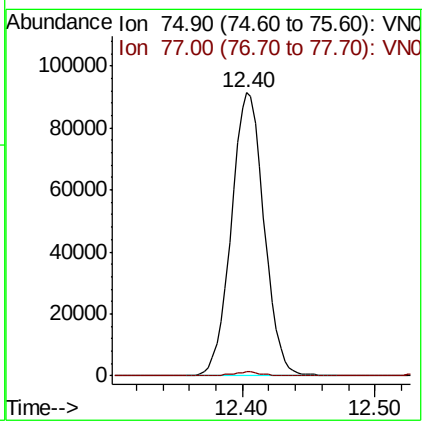


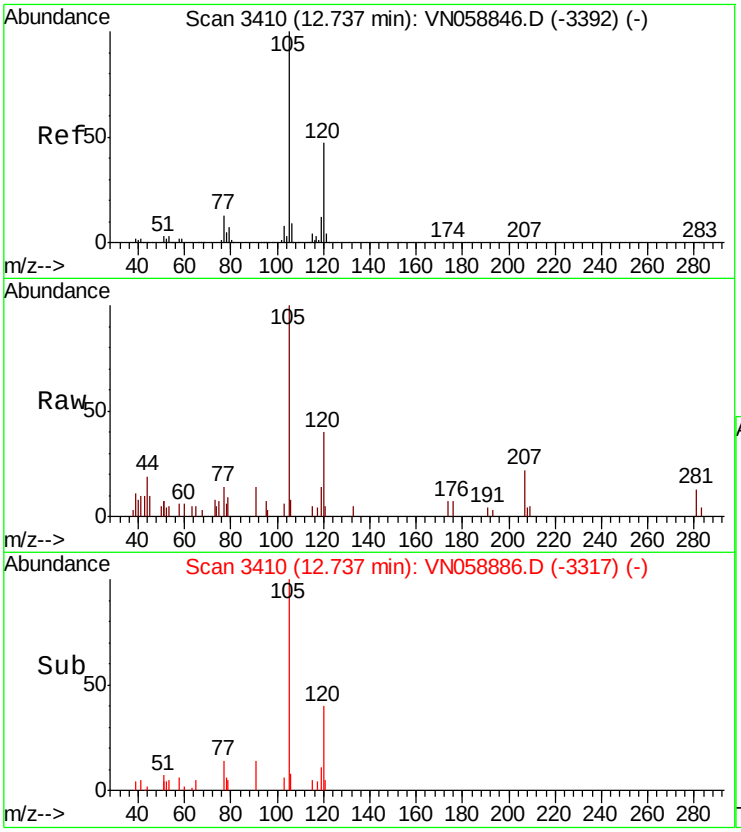


#76
1,2,3-Trichloropropane
Concen: 27.724 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 75 Resp: 156509

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



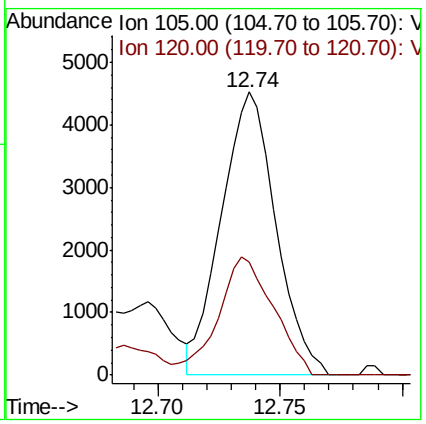


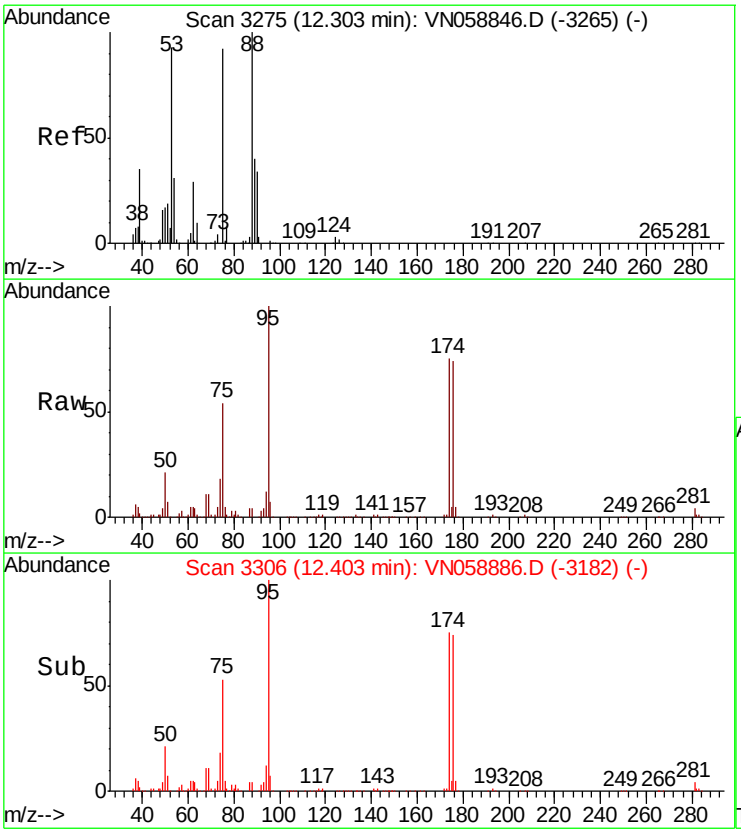
#80
1,3,5-Trimethylbenzene
Concen: 0.470 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:105 Resp: 7036

Ion	Ratio	Lower	Upper
105	100		
120	42.4	23.8	71.5

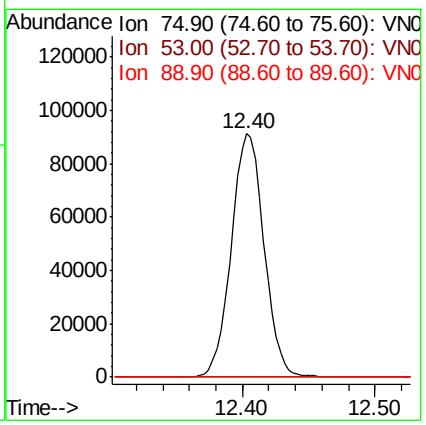


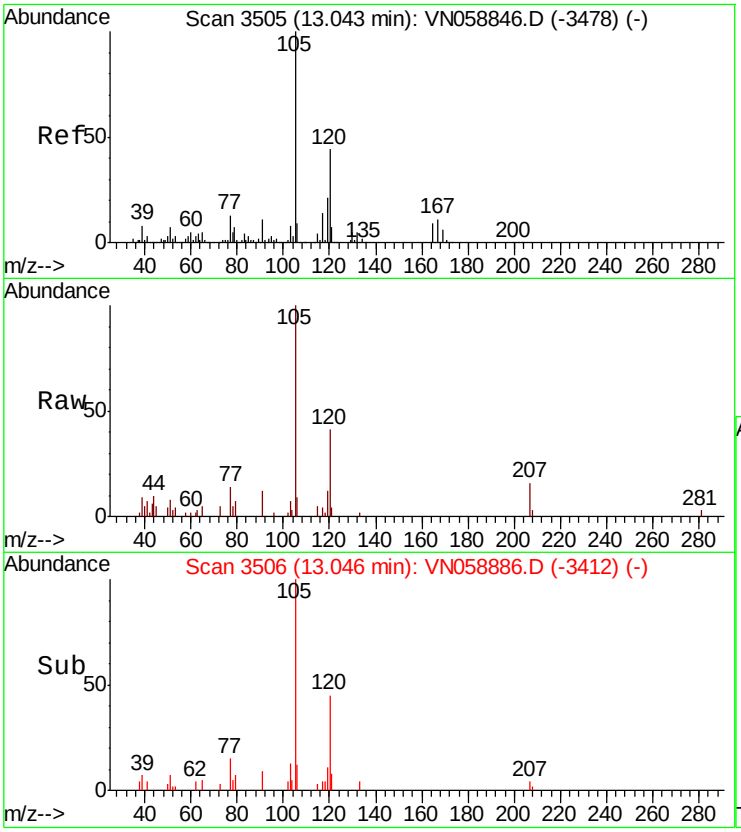


#81
trans-1,4-Dichloro-2-butene
Concen: 72.224 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion: 75 Resp: 156509

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



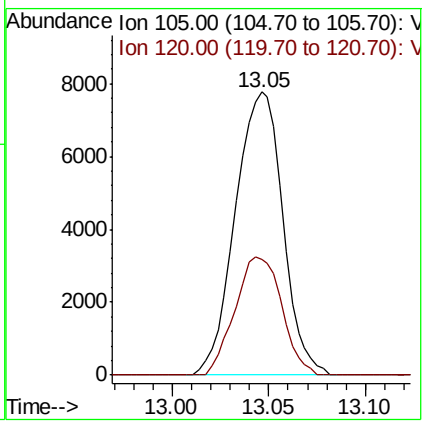


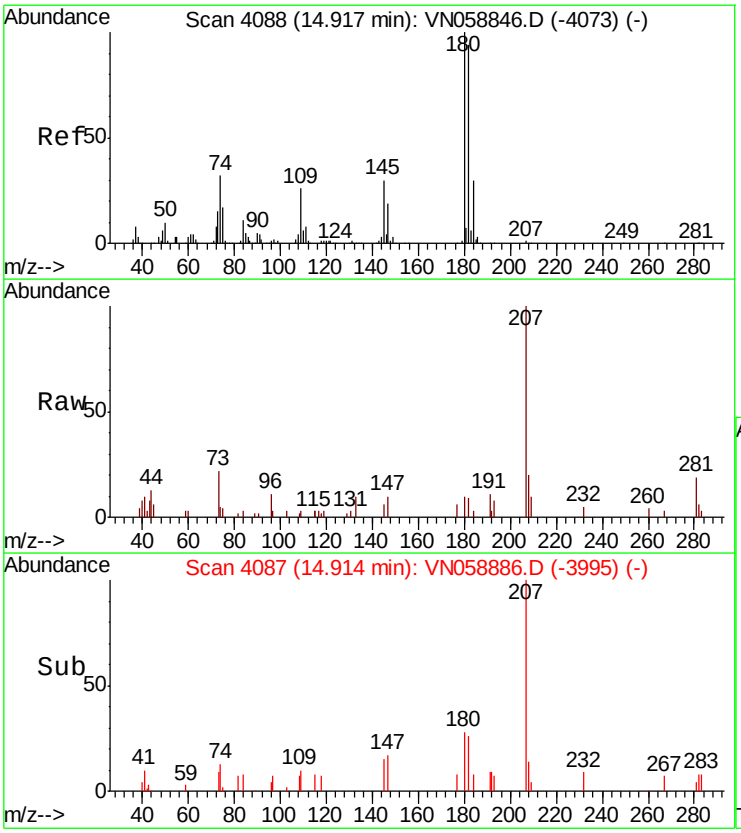
#84
1,2,4-Trimethylbenzene
Concen: 0.900 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:105 Resp: 13278

Ion	Ratio	Lower	Upper
105	100		
120	41.0	21.9	65.8

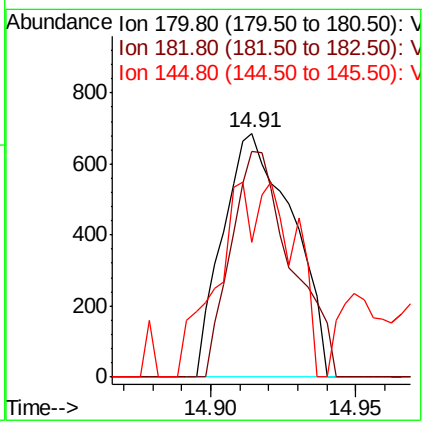


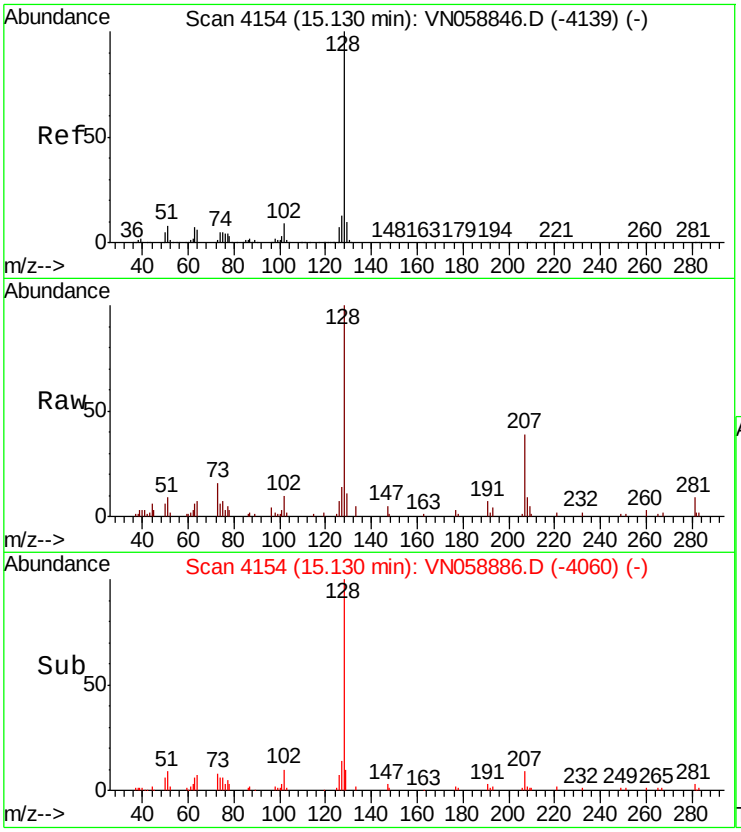


#93
1,2,4-Trichlorobenzene
Concen: 2.744 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:180 Resp: 1143

Ion	Ratio	Lower	Upper
180	100		
182	80.6	47.3	142.0
145	42.8	15.3	45.8



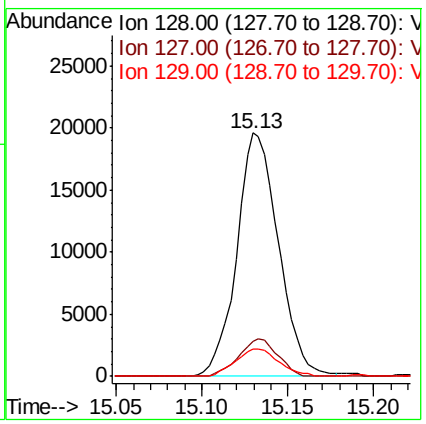


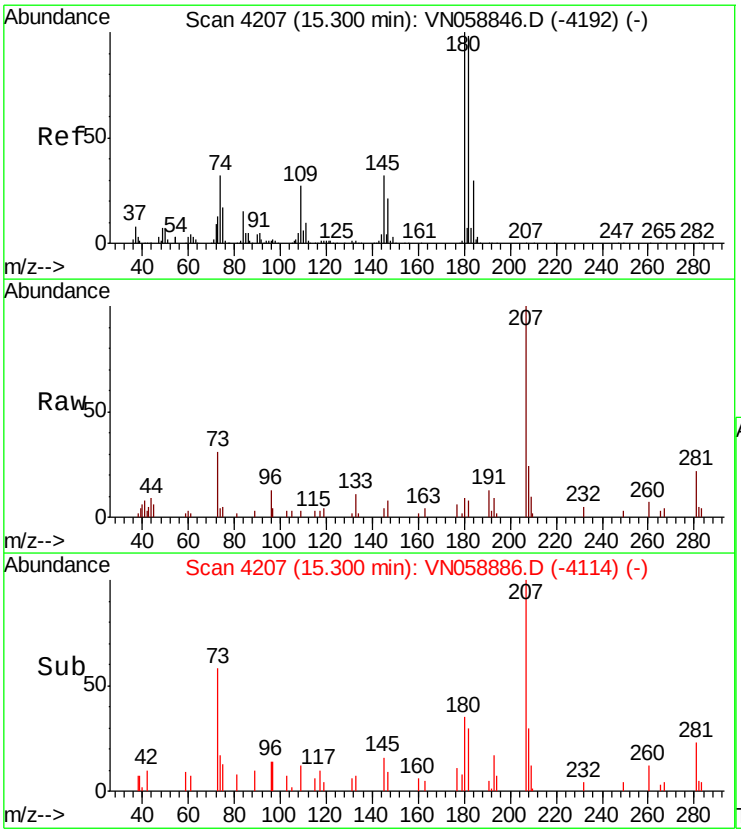
#95
Naphthalene
Concen: 4.479 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tgt Ion:128 Resp: 32905

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	11.7	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 2.659 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:180 Resp: 1311

Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.9	143.7
145	0.0	15.9	47.7#