Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054235.D
Acq On : 14 Mar 2019 2:12
Operator : JC/SP
Sample : K1870-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1407745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2360367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2494975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1116533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	769223	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
35) Dibromofluoromethane	7.59	113	726849	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
50) Toluene-d8	10.09	98	2926135	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
62) 4-Bromofluorobenzene	12.40	95	1133078	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.20%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	695	1.529	ug/l #	89
11) Tert butyl alcohol	4.81	59	238	0.232	ug/l #	70
16) Acetone	3.82	43	33926	7.926	ug/l	93
20) Methylene Chloride	4.55	84	45667	3.249	ug/l	93
25) 2-Butanone	6.86	43	5321	1.059	ug/l #	81
29) Tetrahydrofuran	7.23	42	2967	0.918	ug/l #	76
31) Cyclohexane	7.66	56	21472	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	81845	3.765	ug/l #	49
38) Carbon Tetrachloride	7.67	117	112989	4.957	ug/l #	16
43) Isopropyl Acetate	8.17	43	42064	1.919	ug/l	95
48) Methyl methacrylate	9.18	41	18287	1.644	ug/l #	11
49) 1,4-Dioxane	9.27	88	402	2.554	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	18258	1.574	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	354	2.000	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	162365	6.660	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	27156	1.153	ug/l #	43
59) 2-Hexanone	10.77	43	358814	46.480	ug/l #	49
71) Bromoform	12.40	173	6805	2.778	ug/l #	1
74) N-amyl acetate	11.88	43	31613	1.594	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	545859	33.245	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	20574	0.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	545859	113.647	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	1508	2.577	ug/l	94
95) Naphthalene	15.14	128	19387	3.838	ug/l	99

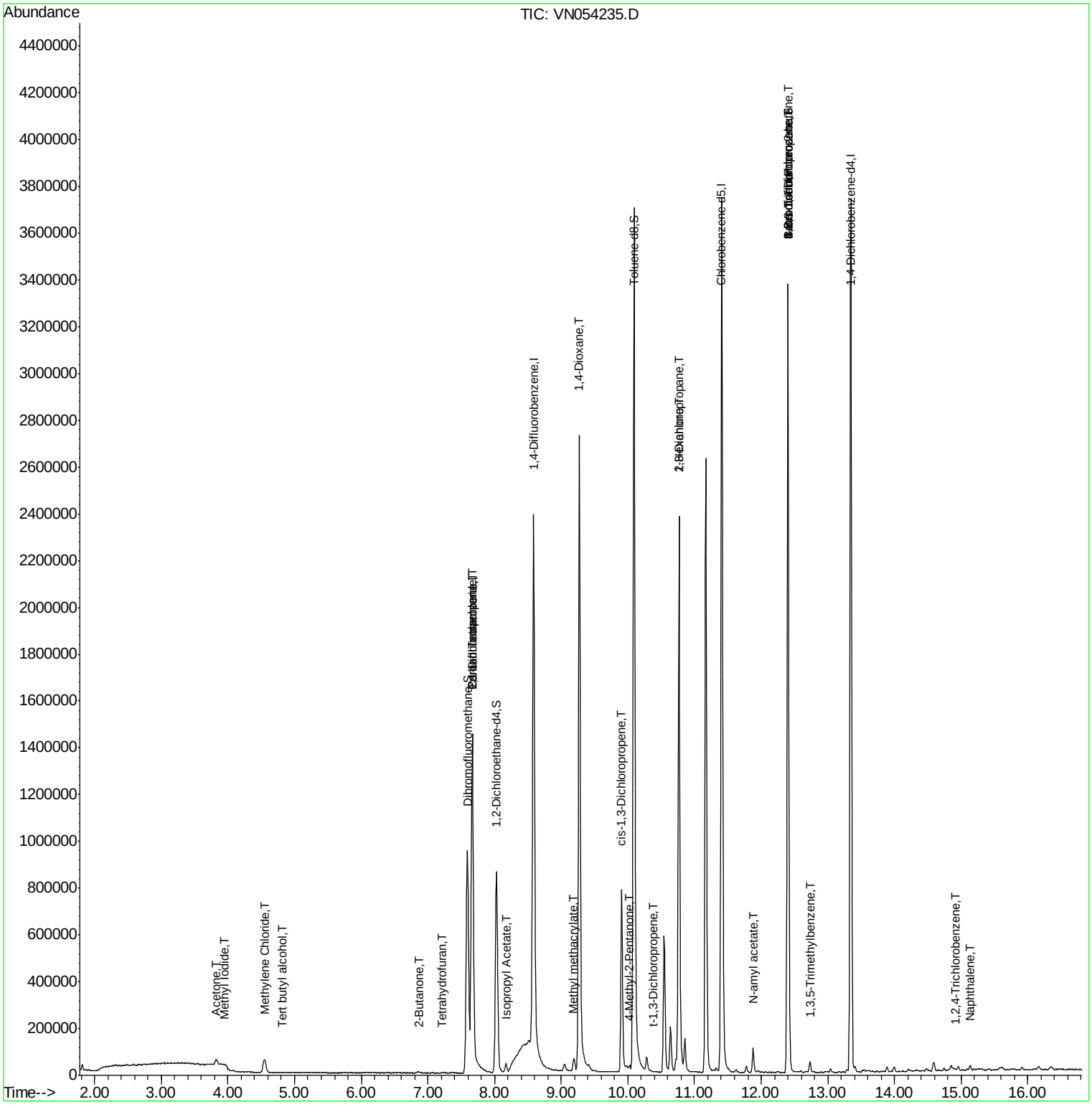
(#) = qualifier out of range (m) = manual integration (+) = signals summed

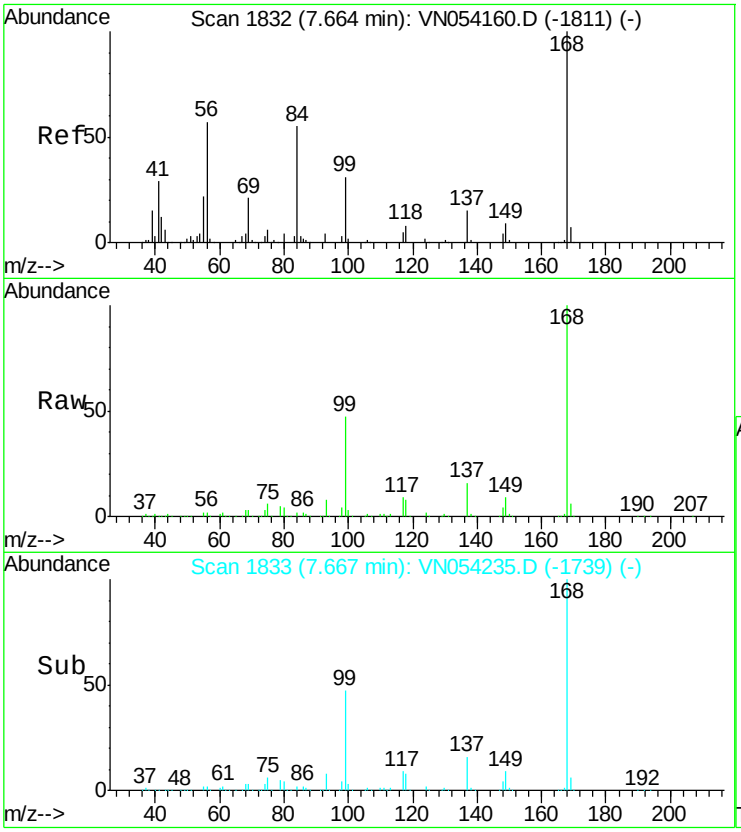
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054235.D
Acq On : 14 Mar 2019 2:12
Operator : JC/SP
Sample : K1870-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



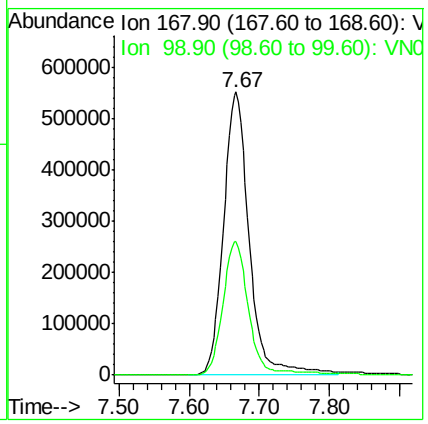


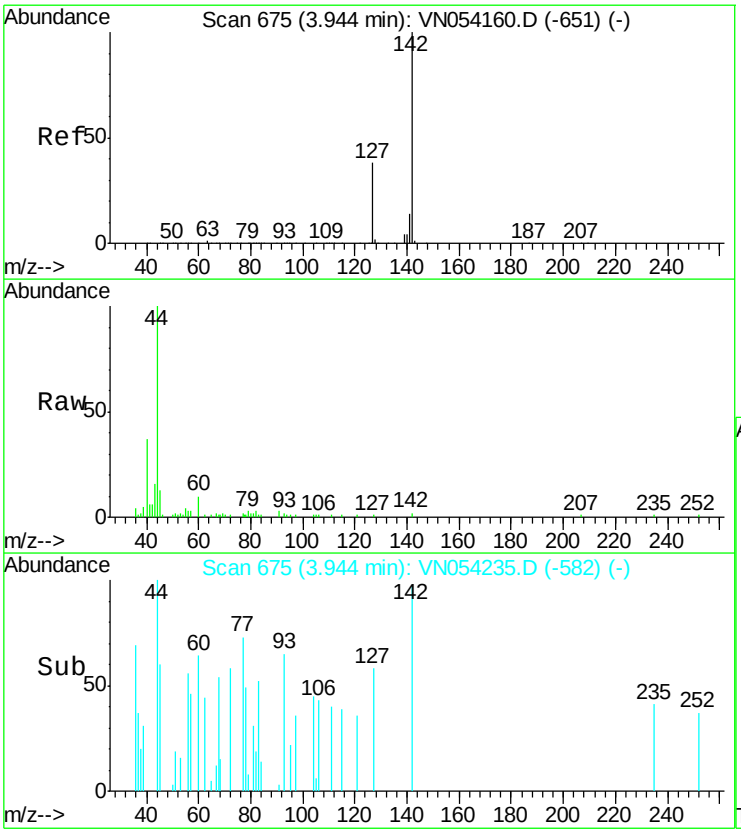
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1407745

Ion	Ratio	Lower	Upper
168	100		
99	47.0	37.1	55.7

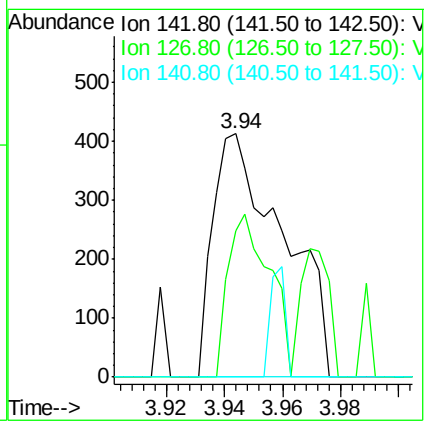


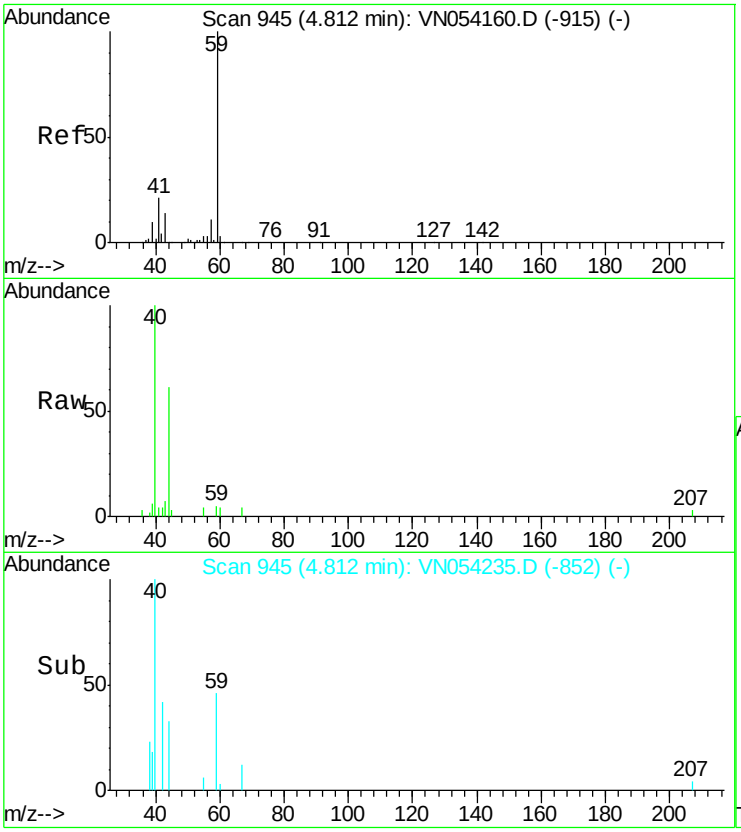


#10
Methyl Iodide
Concen: 1.529 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion:142 Resp: 695

Ion	Ratio	Lower	Upper
142	100		
127	39.6	30.3	45.5
141	0.0	11.2	16.8#



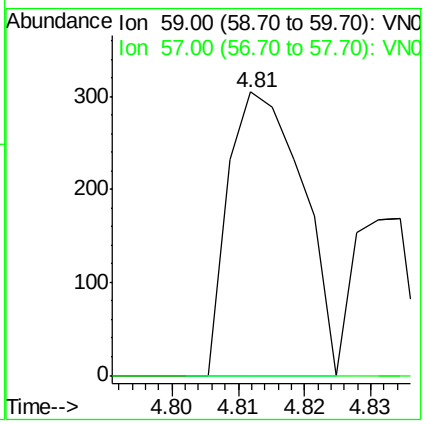


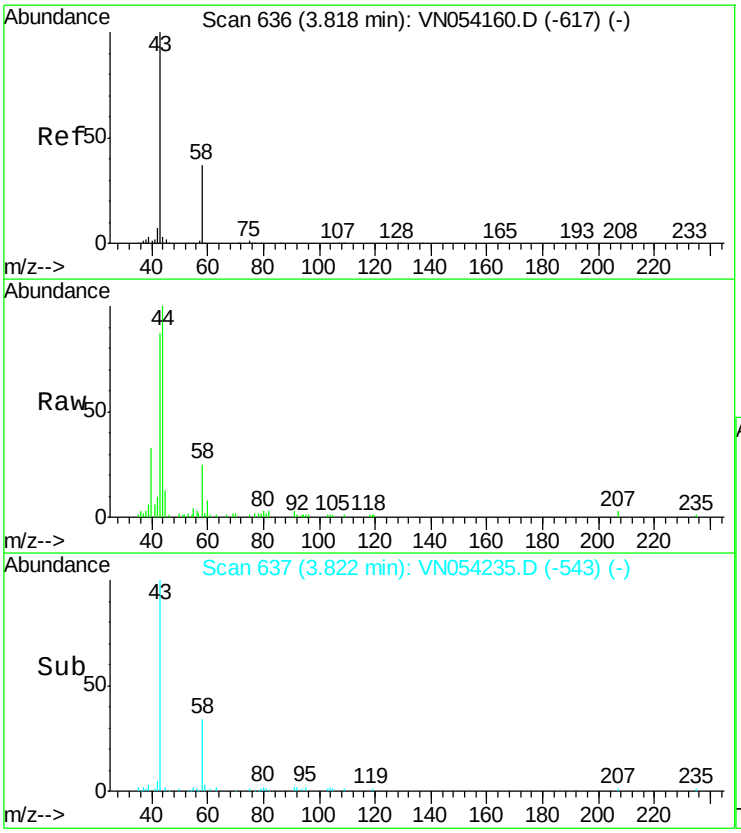
#11
Tert butyl alcohol
Concen: 0.232 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 238

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

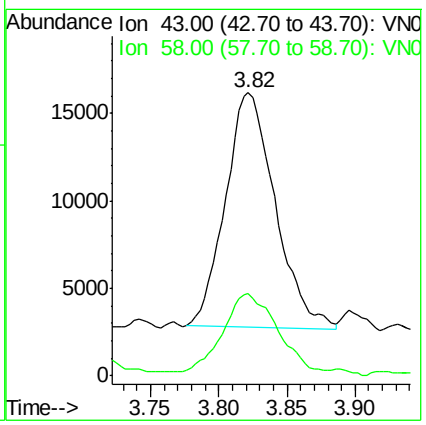


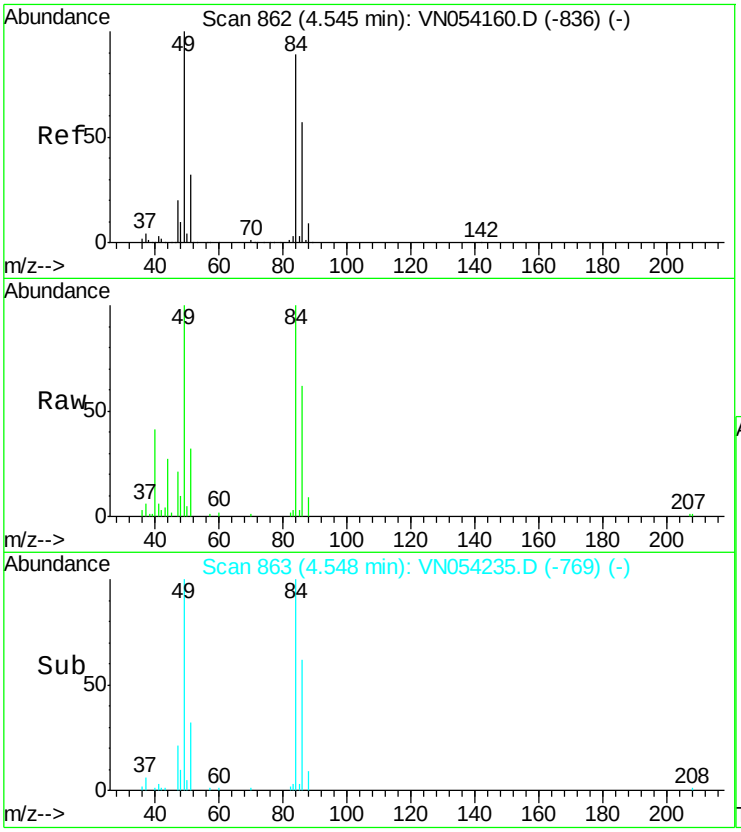


#16
Acetone
Concen: 7.926 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 33926

Ion	Ratio	Lower	Upper
43	100		
58	32.9	29.9	44.9



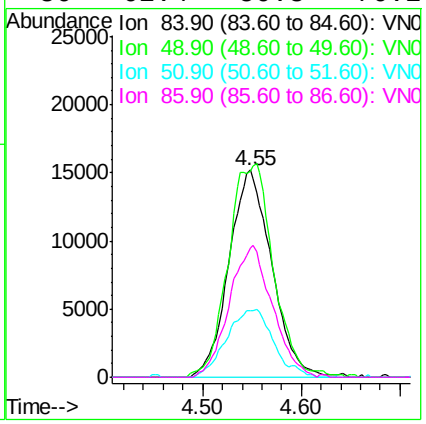


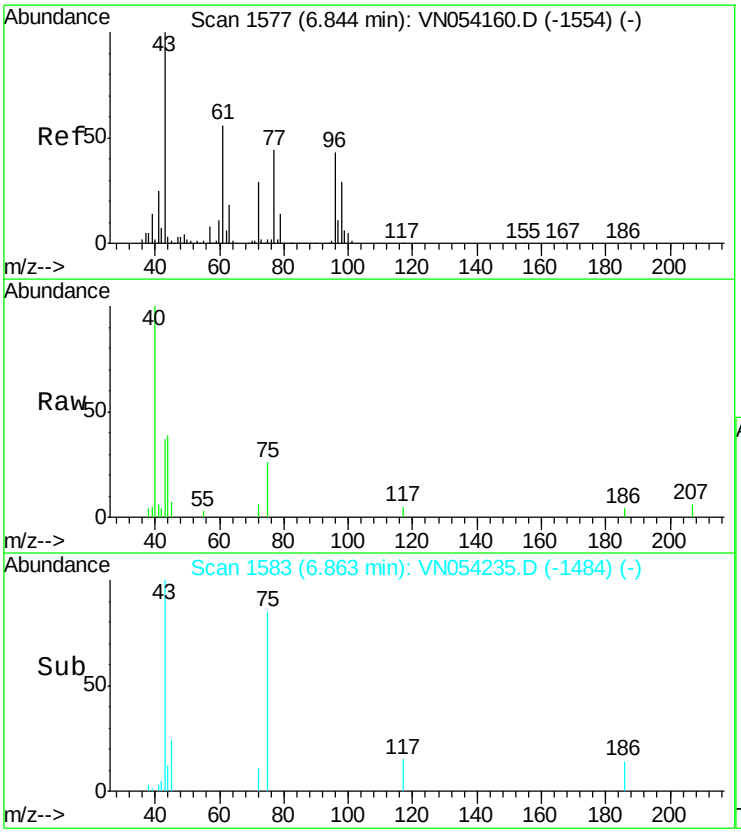
#20
Methylene Chloride
Concen: 3.249 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 45667

Ion	Ratio	Lower	Upper
84	100		
49	99.9	89.7	134.5
51	32.2	28.2	42.4
86	62.4	50.8	76.2

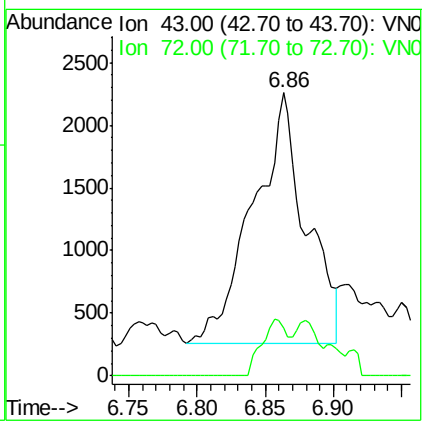


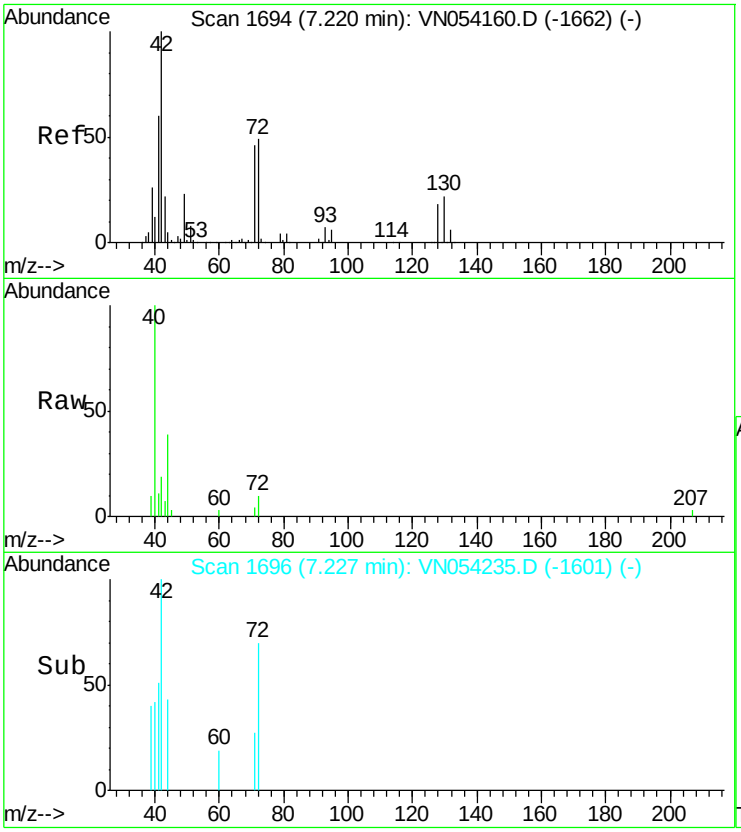


#25
2-Butanone
Concen: 1.059 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 5321

Ion	Ratio	Lower	Upper
43	100		
72	18.9	23.0	34.6#



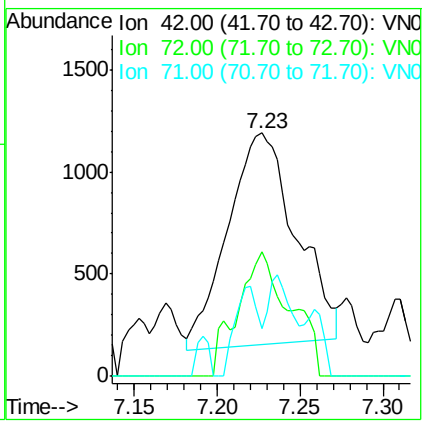


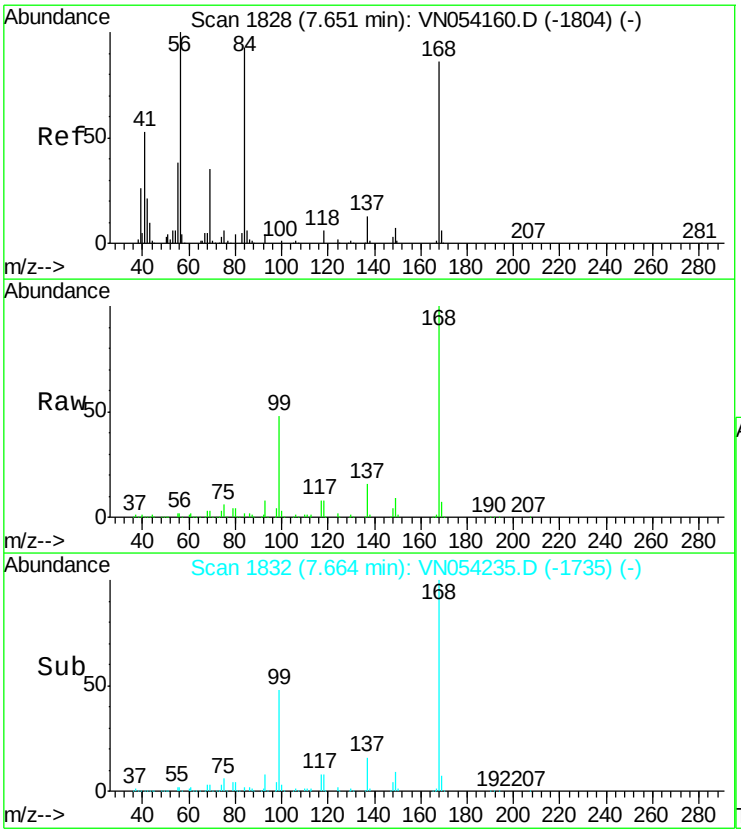
#29
Tetrahydrofuran
Concen: 0.918 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2967

Ion	Ratio	Lower	Upper
42	100		
72	45.1	37.8	56.6
71	14.7	36.2	54.2#

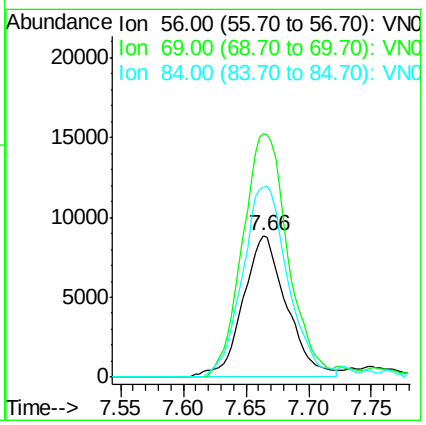


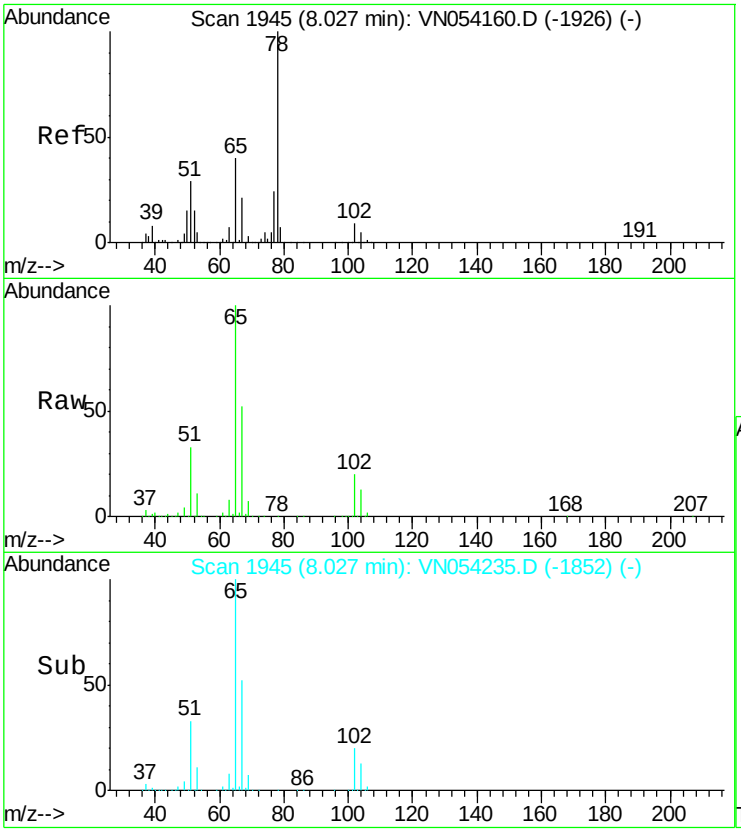


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 56 Resp: 21472

Ion	Ratio	Lower	Upper
56	100		
69	171.9	27.8	41.6#
84	133.7	74.6	111.8#



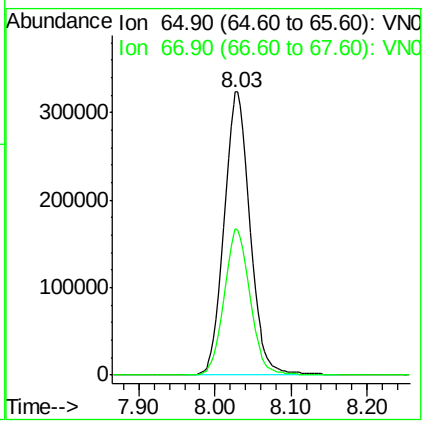


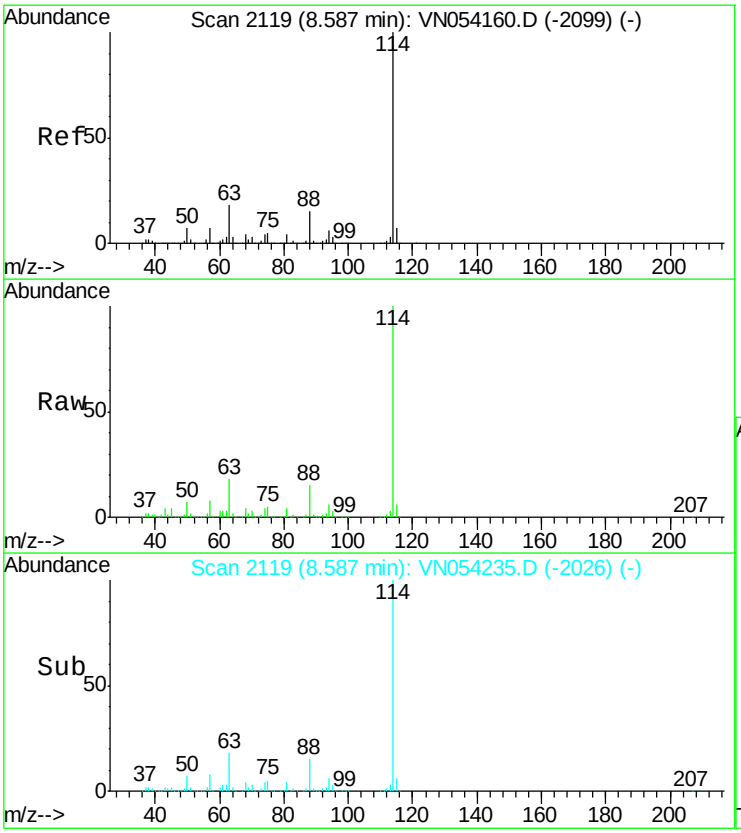
#33
1,2-Dichloroethane-d4
Concen: 51.452 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 769223

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.6

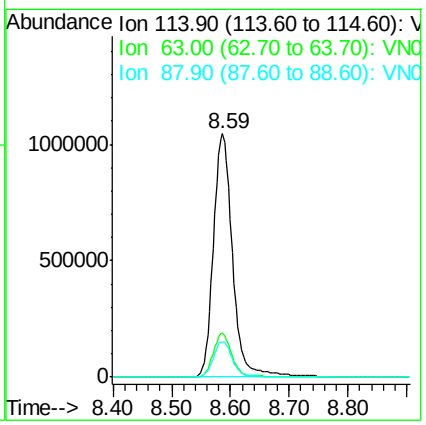


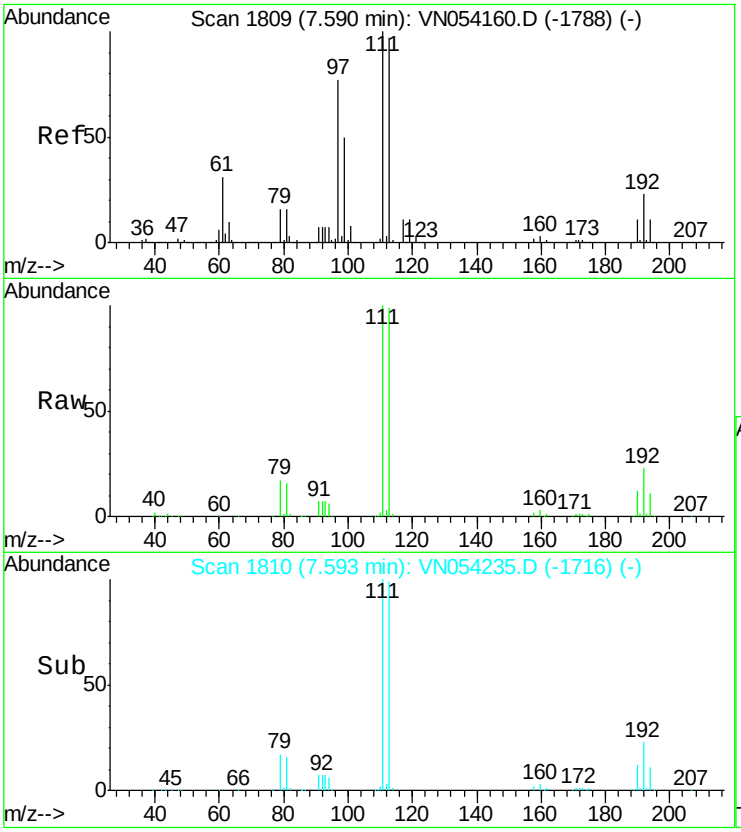


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion:114 Resp: 2360367

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.6	0.0	30.2



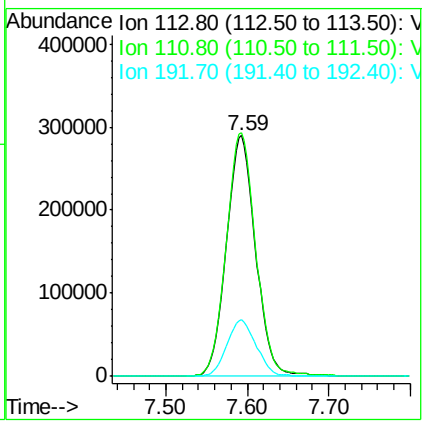


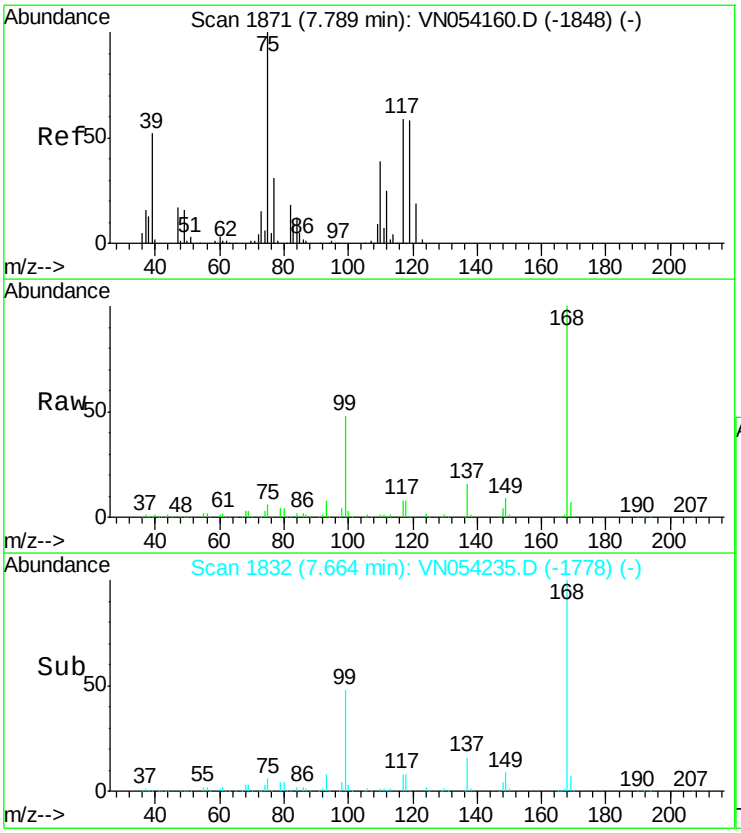
#35
Dibromofluoromethane
Concen: 47.746 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 726849

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	23.7	19.2	28.8

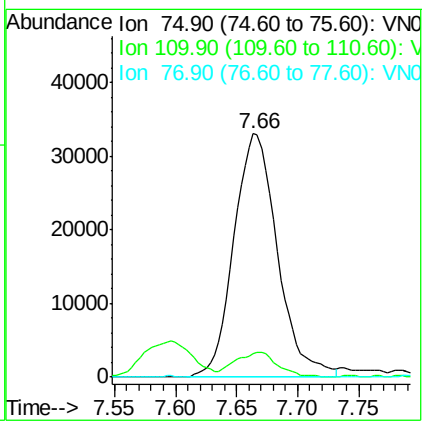


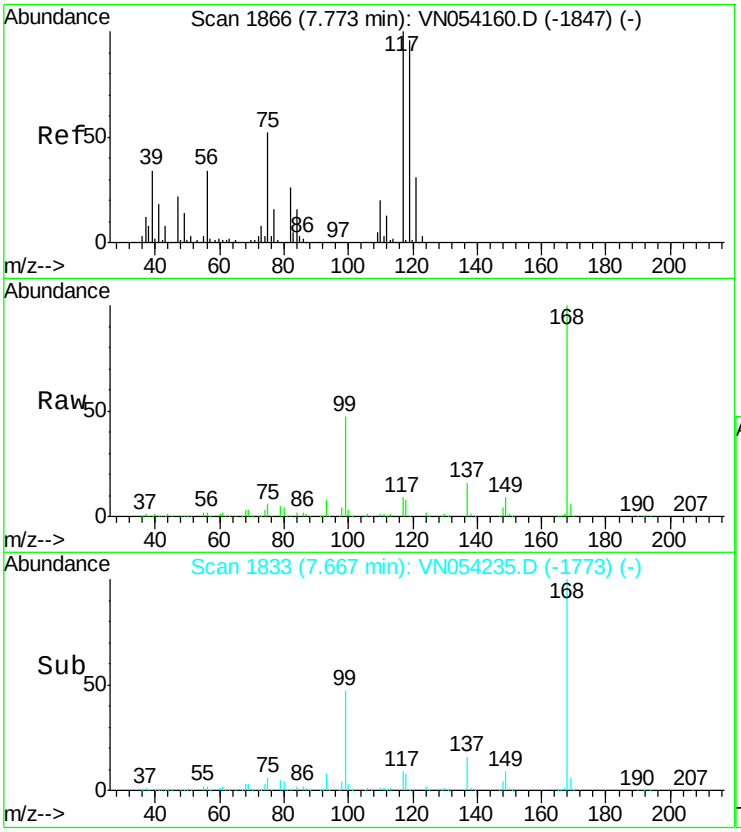


#36
1,1-Dichloropropene
Concen: 3.765 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 75 Resp: 81845

Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.5#
77	0.0	25.0	37.4#



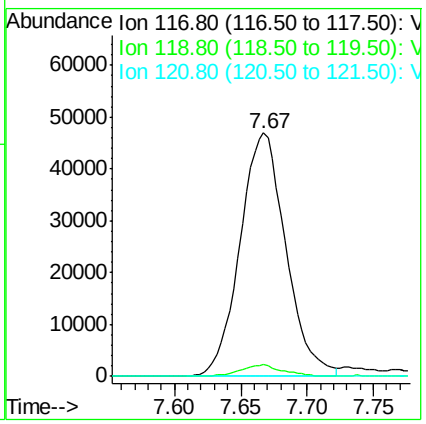


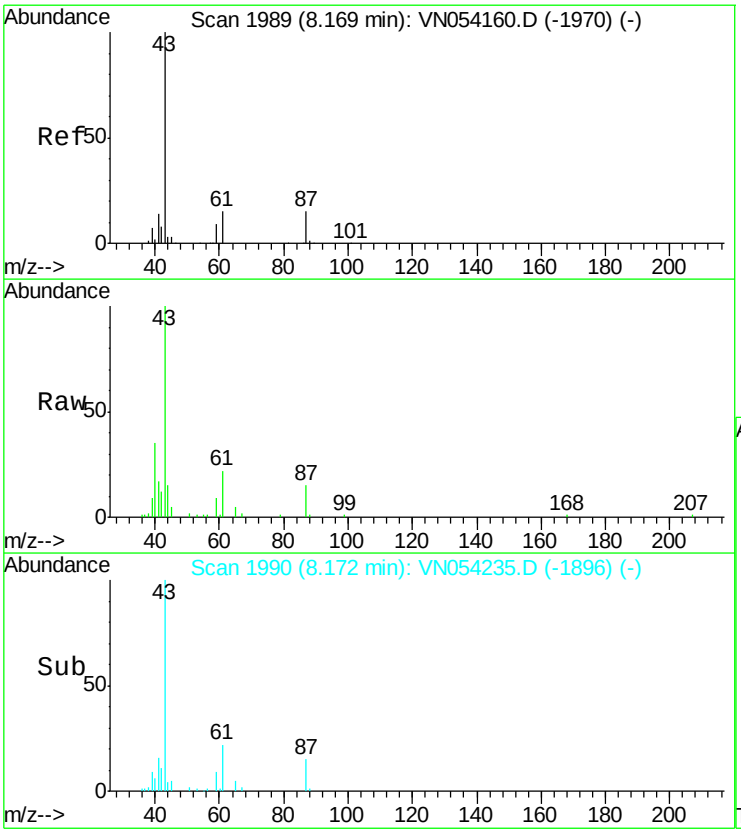
#38
Carbon Tetrachloride
Concen: 4.957 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 112989

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	36.8#

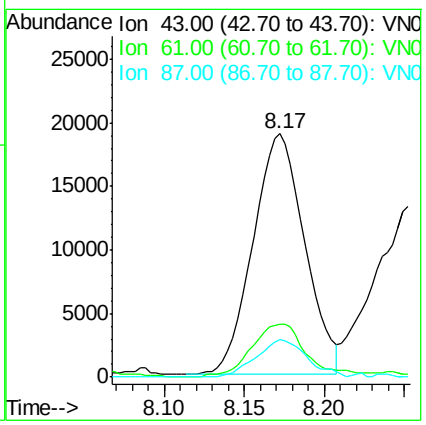


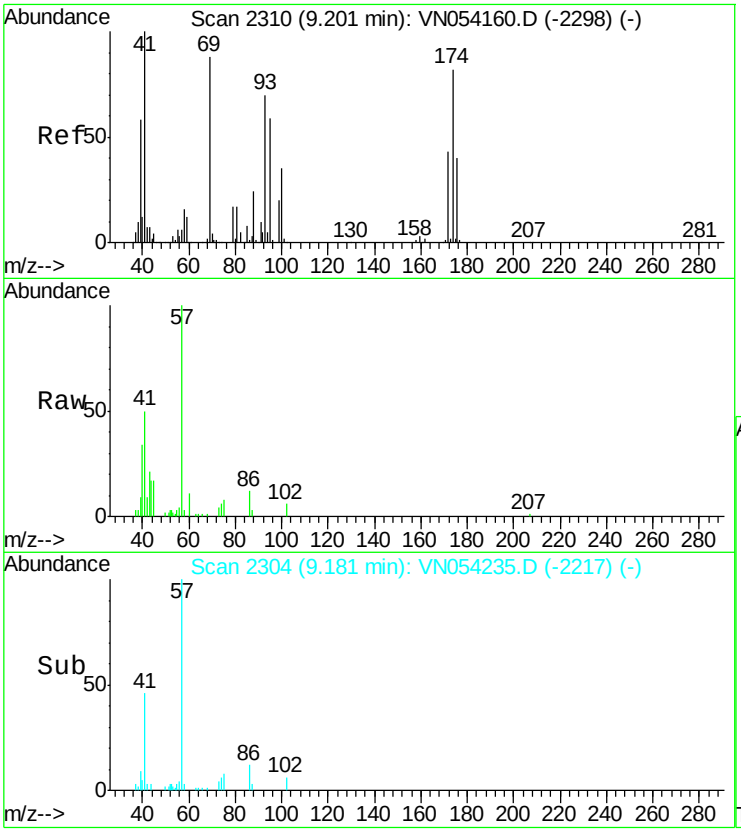


#43
Isopropyl Acetate
Concen: 1.919 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 42064

Ion	Ratio	Lower	Upper
43	100		
61	23.6	15.8	23.8
87	15.3	12.0	18.0



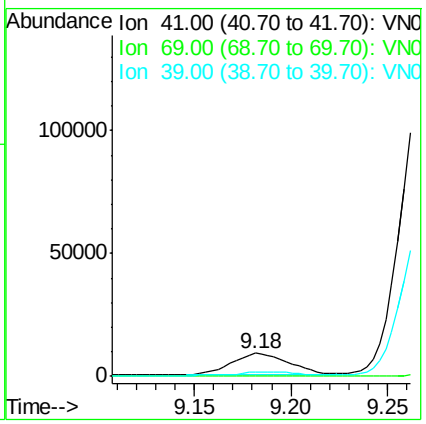


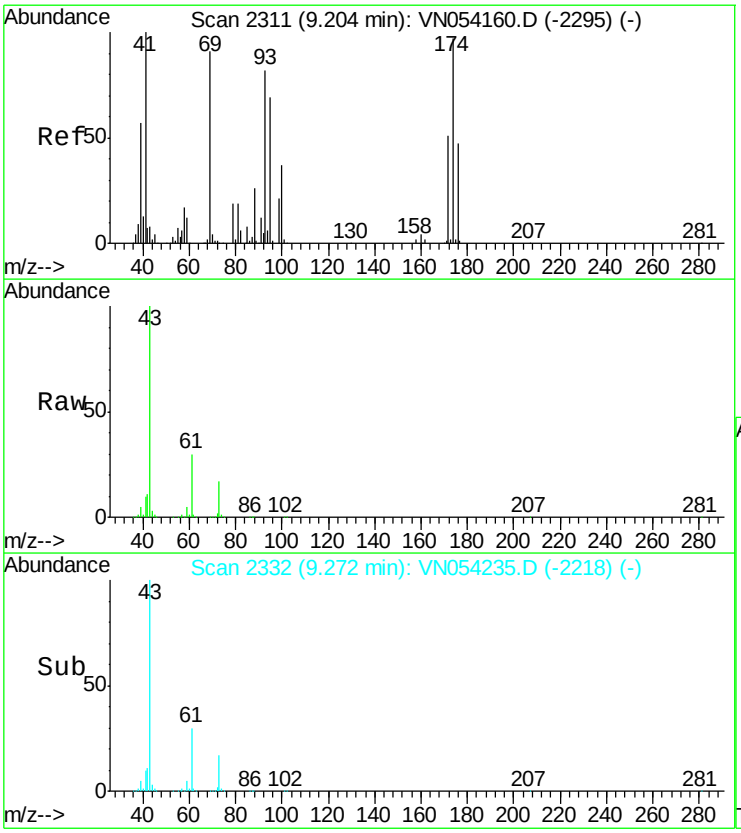
#48
Methyl methacrylate
Concen: 1.644 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 18287

Ion	Ratio	Lower	Upper
41	100		
69	0.2	72.6	108.8#
39	0.0	47.5	71.3#

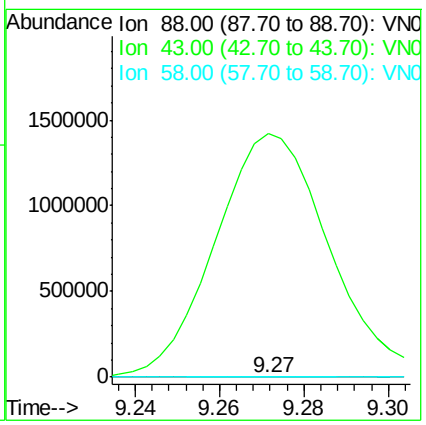


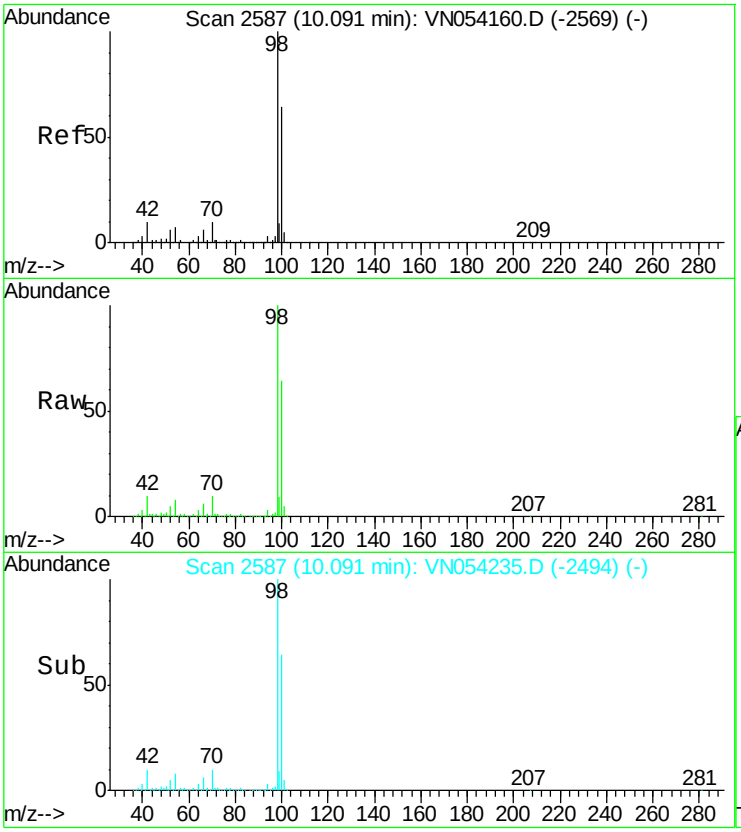


#49
1,4-Dioxane
Concen: 2.554 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 88 Resp: 402

Ion	Ratio	Lower	Upper
88	100		
43	709058.7	24.1	36.1#
58	2959.7	50.8	76.2#



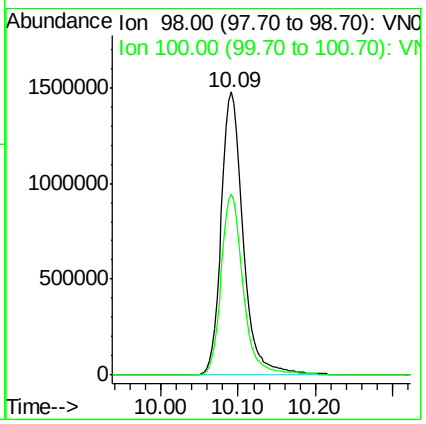


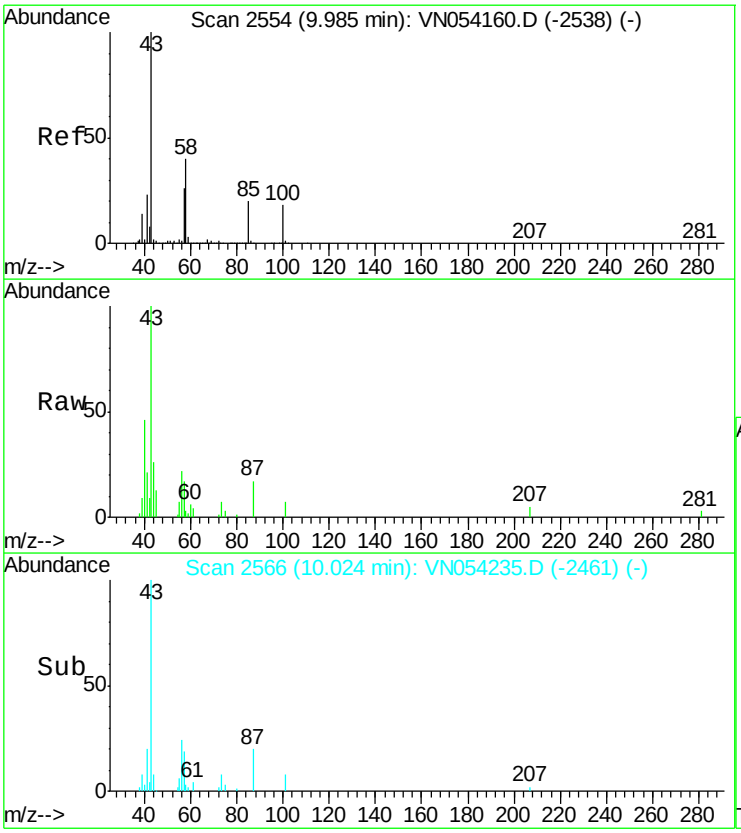
#50
Toluene-d8
Concen: 52.046 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2926135

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

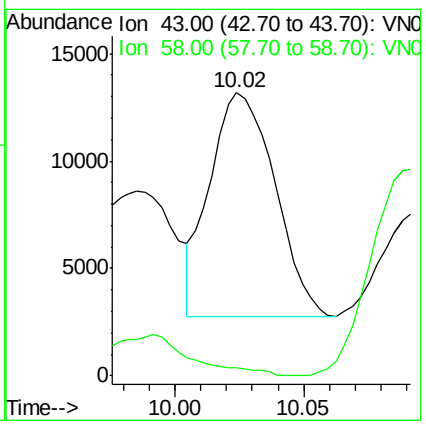


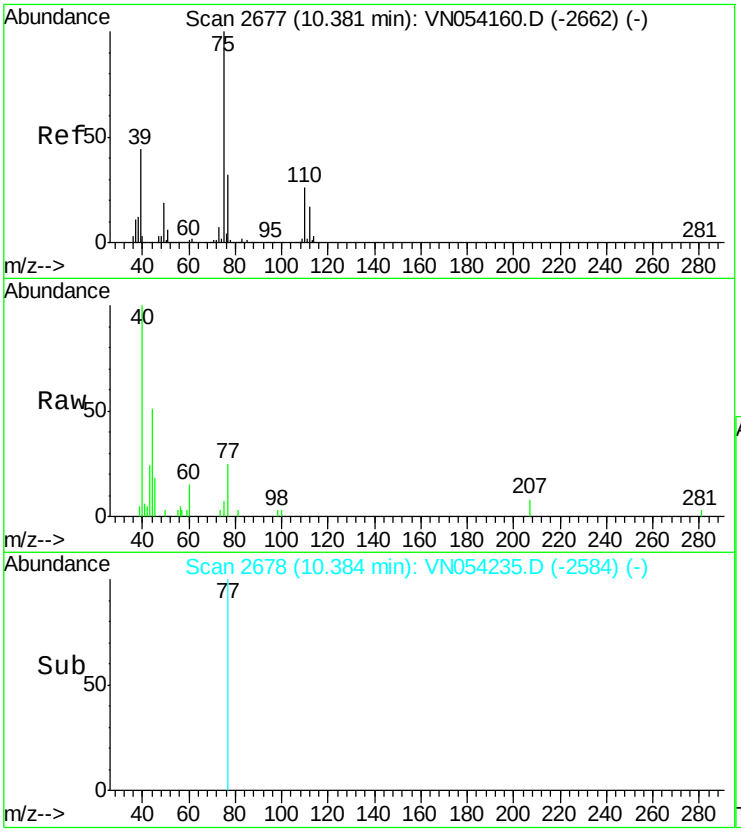


#51
4-Methyl-2-Pentanone
Concen: 1.574 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 18258

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



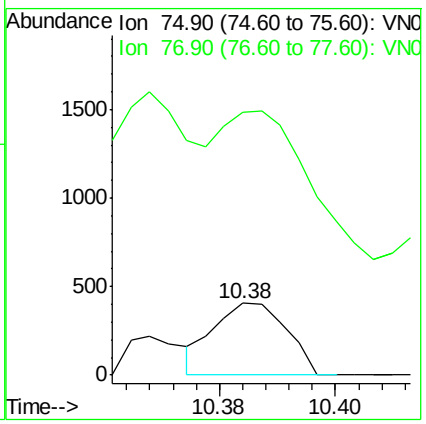


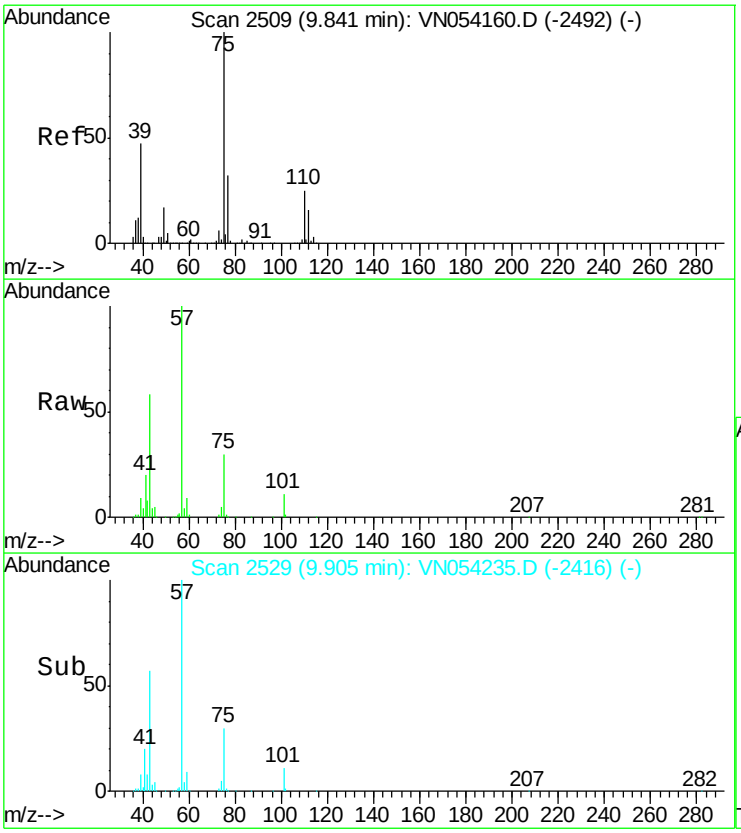
#53
t-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 354

Ion	Ratio	Lower	Upper
75	100		
77	152.5	25.8	38.8#

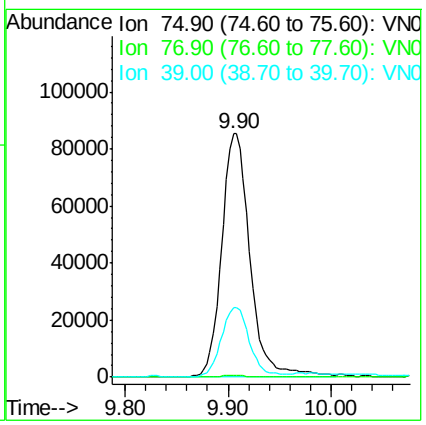


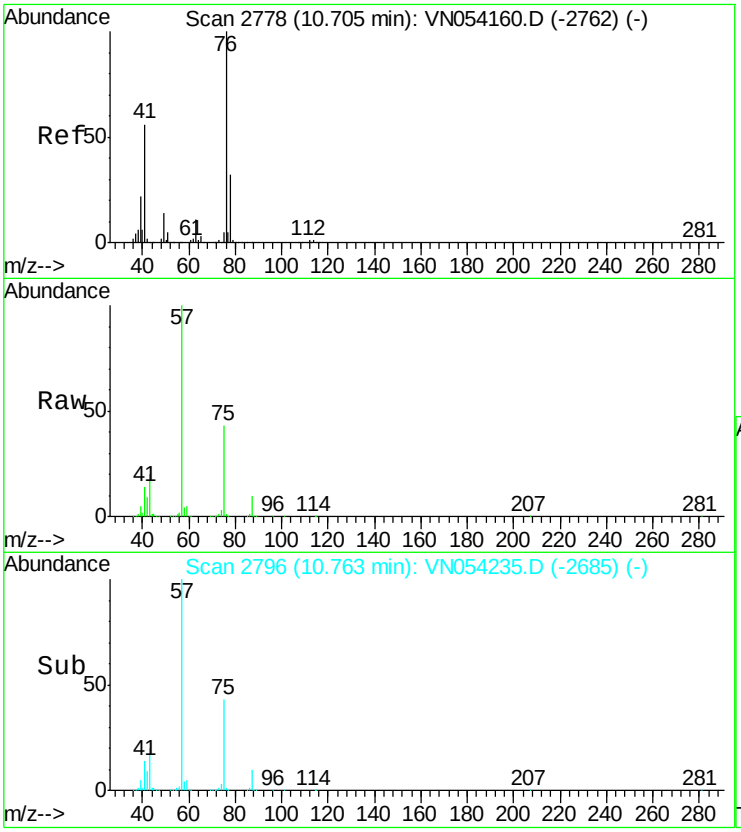


#54
cis-1,3-Dichloropropene
Concen: 6.660 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 75 Resp: 162365

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	28.3	37.2	55.8#



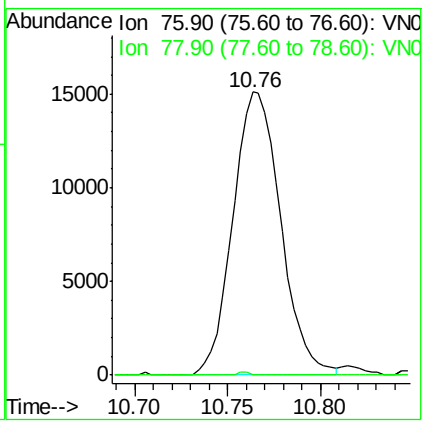


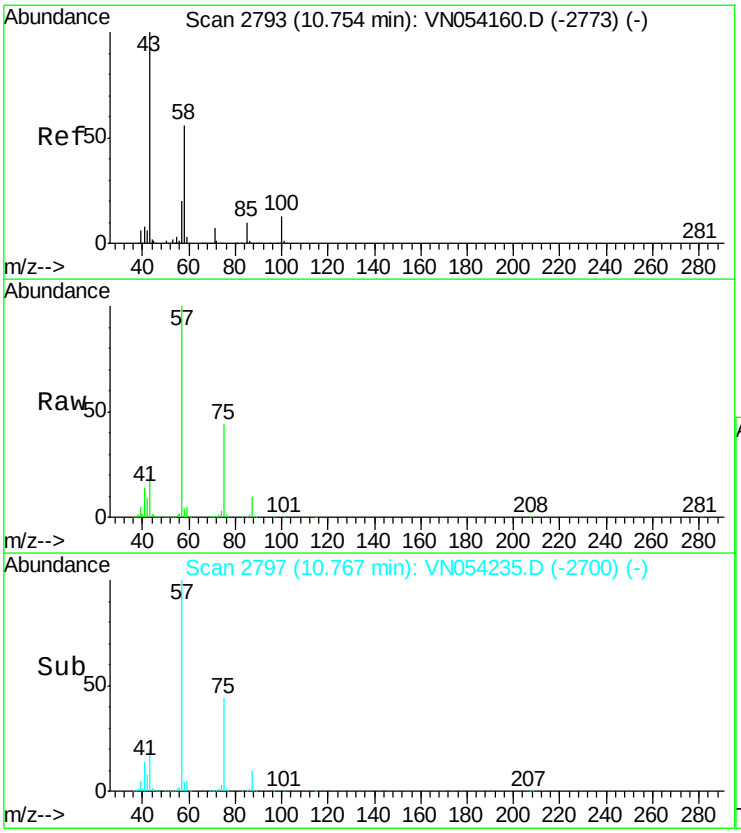
#57
1,3-Dichloropropane
Concen: 1.153 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 27156

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.7	38.5#

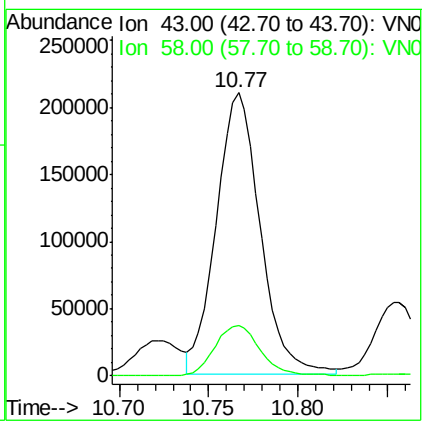


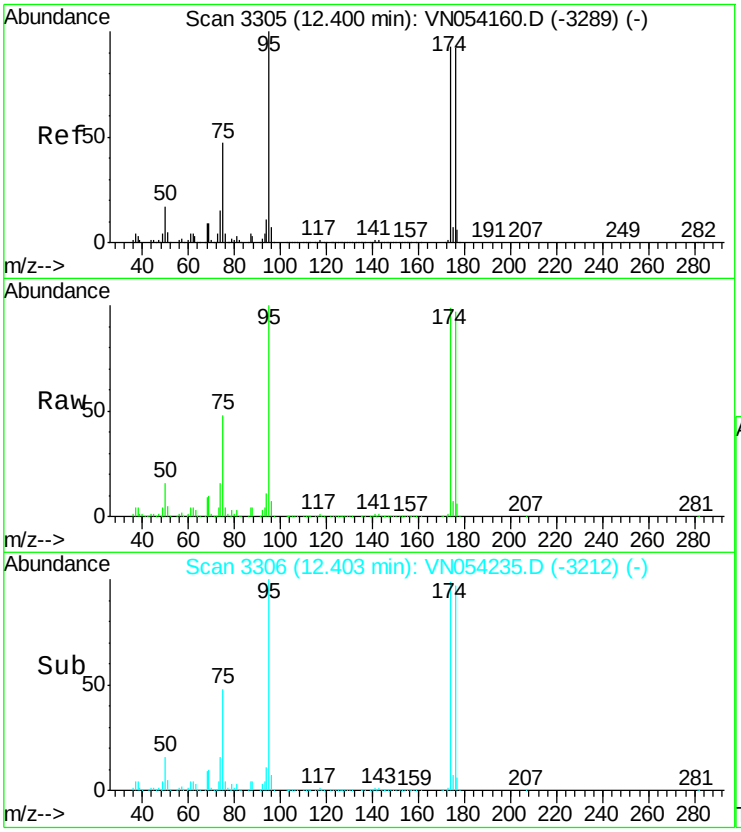


#59
2-Hexanone
Concen: 46.480 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 358814

Ion	Ratio	Lower	Upper
43	100		
58	18.7	28.0	83.9#



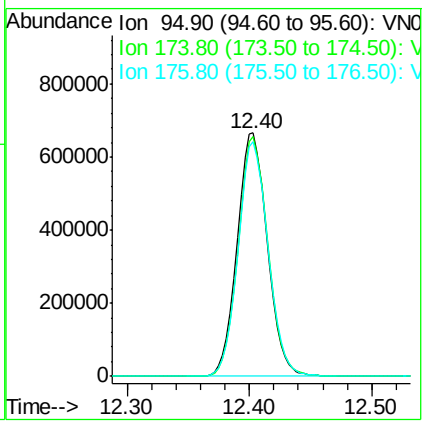


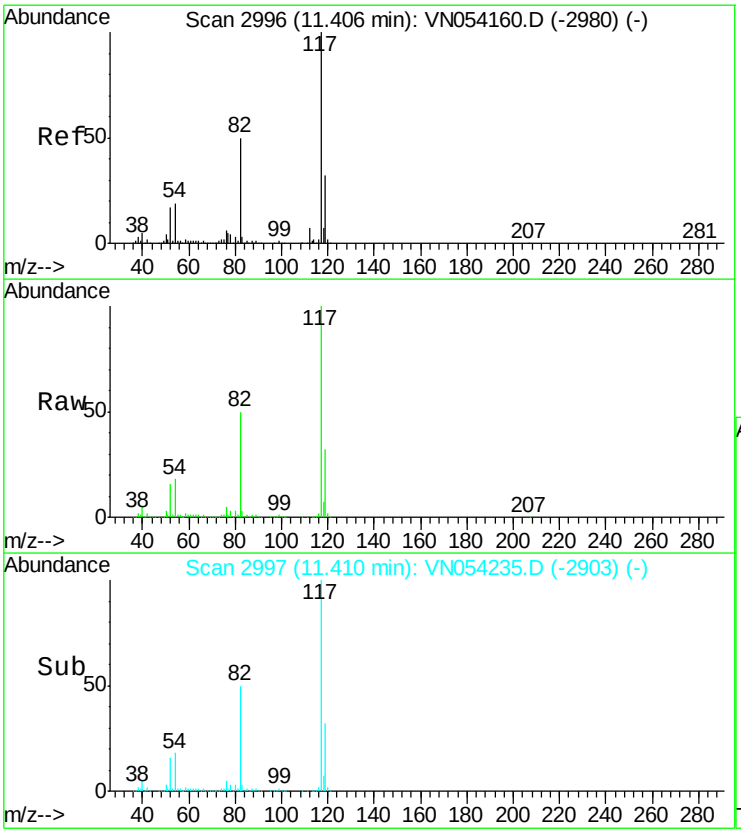
#62
4-Bromofluorobenzene
Concen: 57.598 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 1133078

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	191.0
176	95.6	0.0	187.4

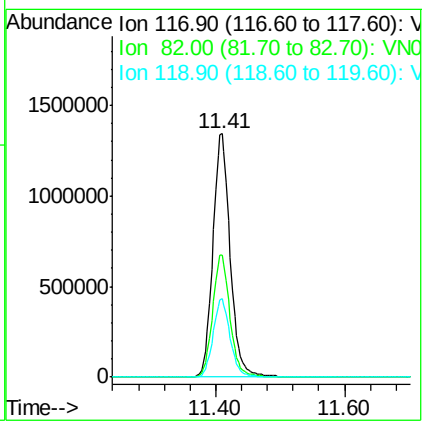


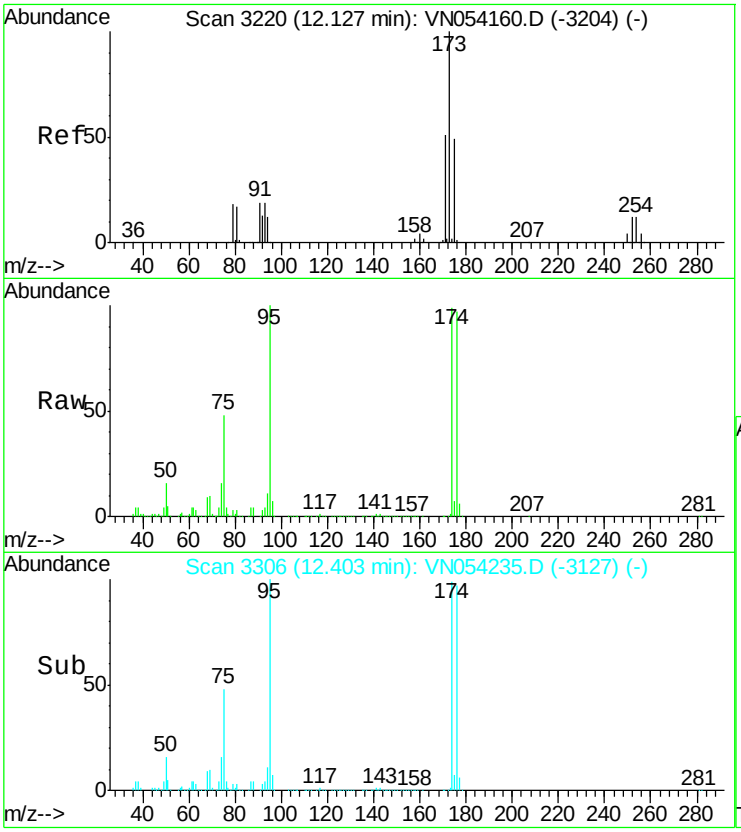


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion:117 Resp: 2494975

Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.0	60.0
119	32.0	25.8	38.6



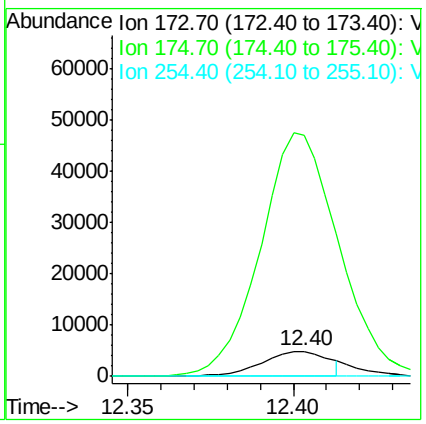


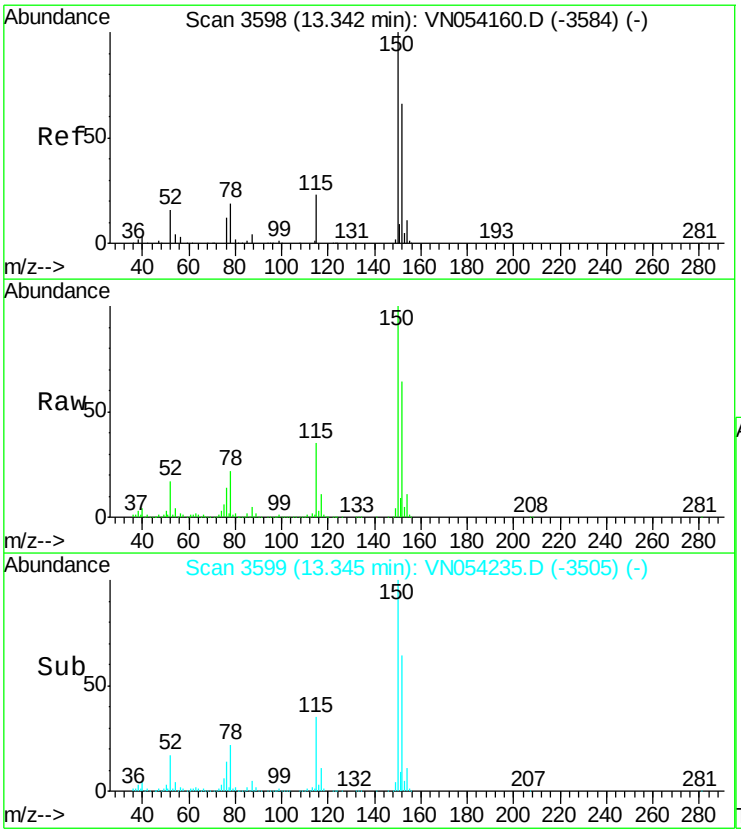
#71
Bromoform
Concen: 2.778 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 6805

Ion	Ratio	Lower	Upper
173	100		
175	990.2	24.4	73.2#
254	0.0	0.1	0.1#

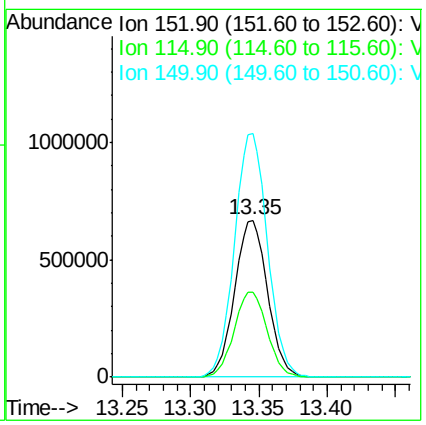


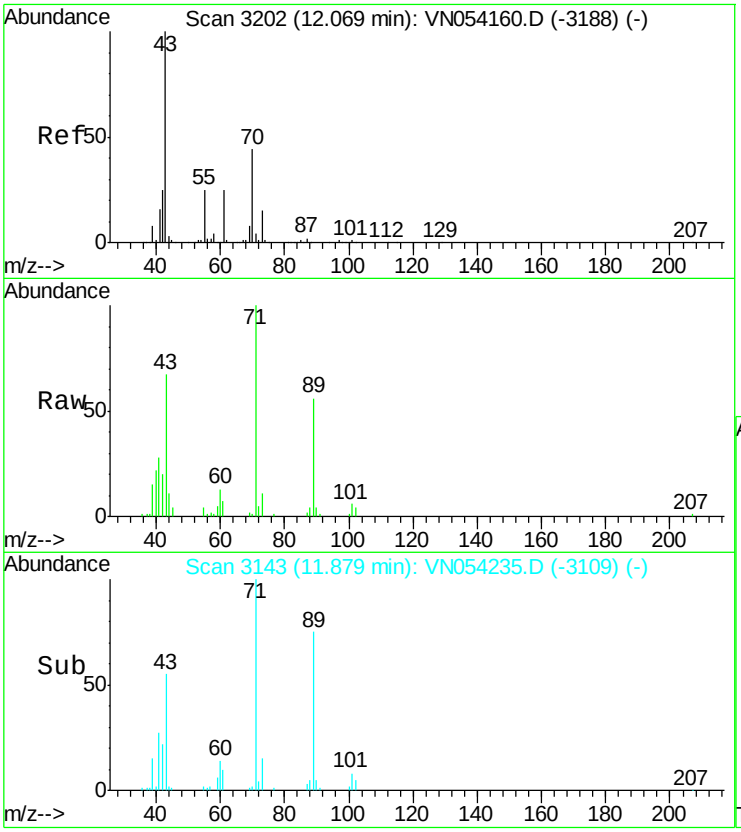


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion:152 Resp: 1116533

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	155.9	0.0	349.2



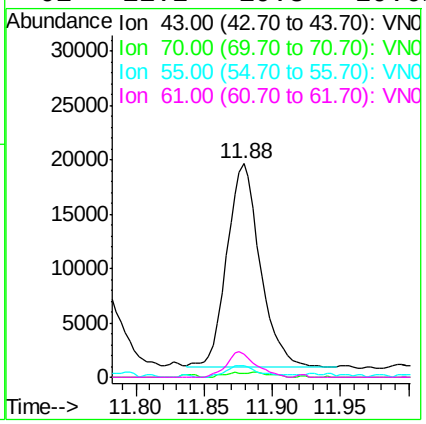


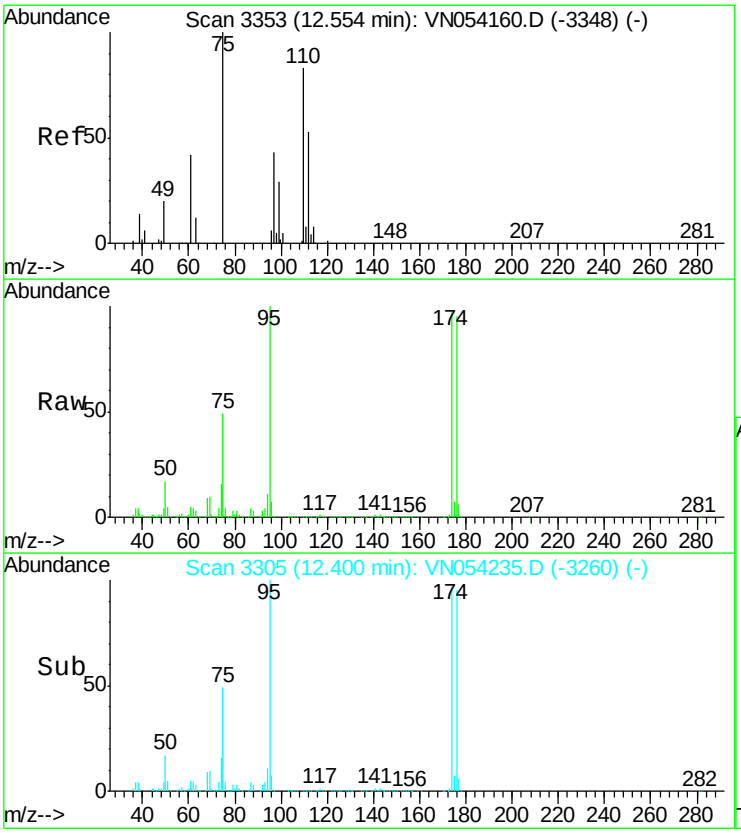
#74
N-amyl acetate
Concen: 1.594 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 31613

Ion	Ratio	Lower	Upper
43	100		
70	1.4	35.4	53.0#
55	5.7	19.8	29.6#
61	11.2	19.8	29.6#

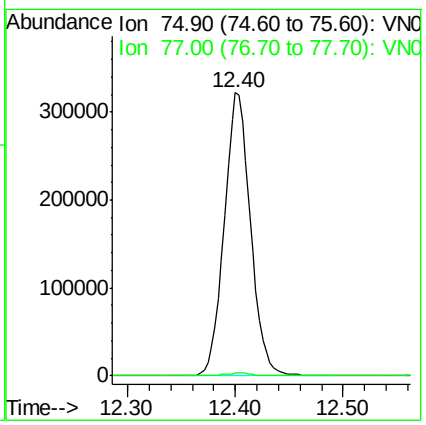


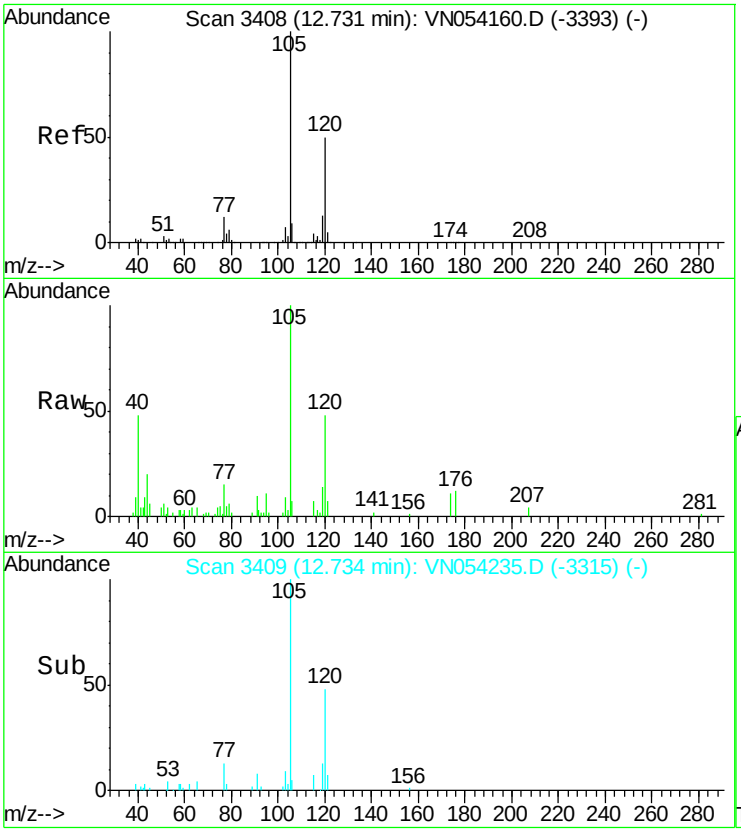


#76
1,2,3-Trichloropropane
Concen: 33.245 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 75 Resp: 545859

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



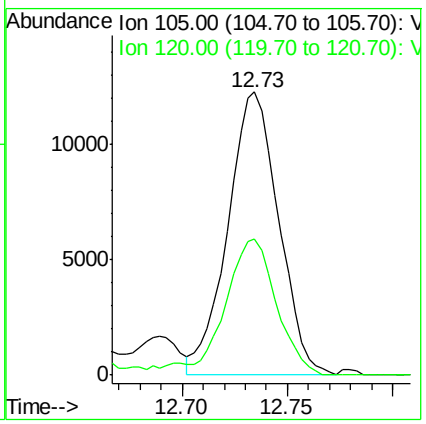


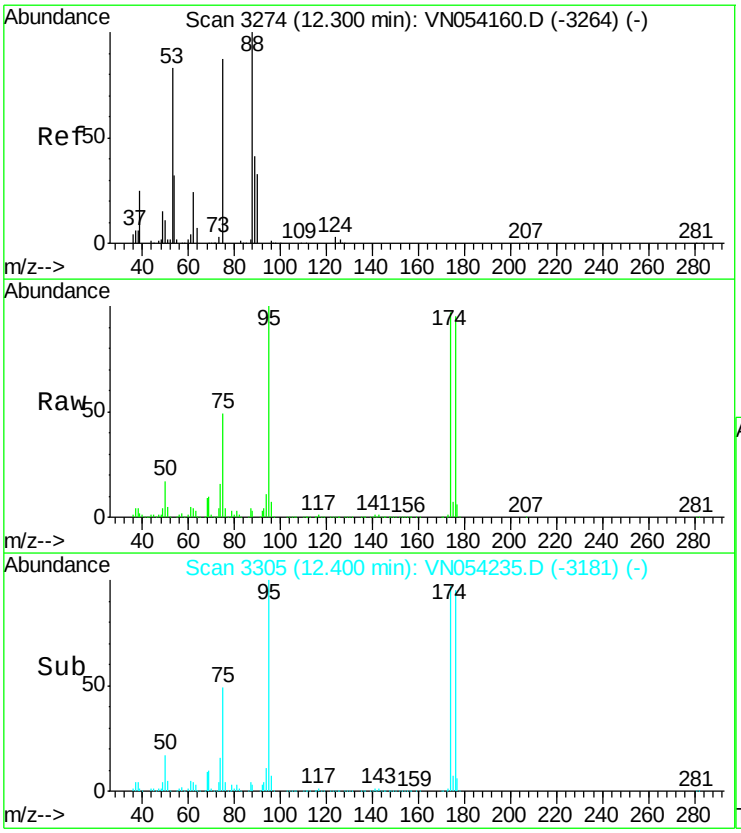
#80
1,3,5-Trimethylbenzene
Concen: 0.277 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 20574

Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.0	75.0

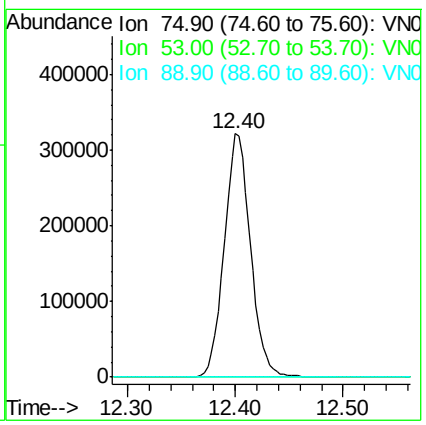


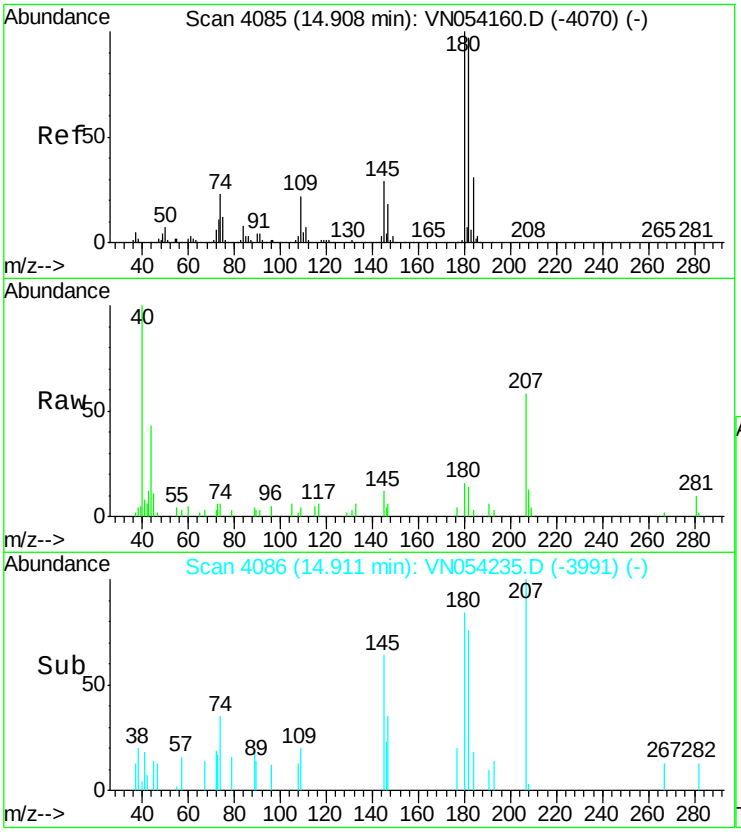


#81
trans-1,4-Dichloro-2-butene
Concen: 113.647 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion: 75 Resp: 545859

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#



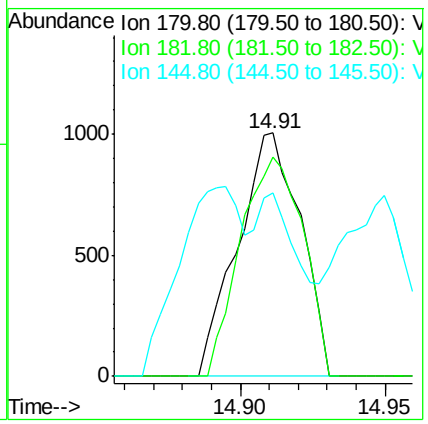


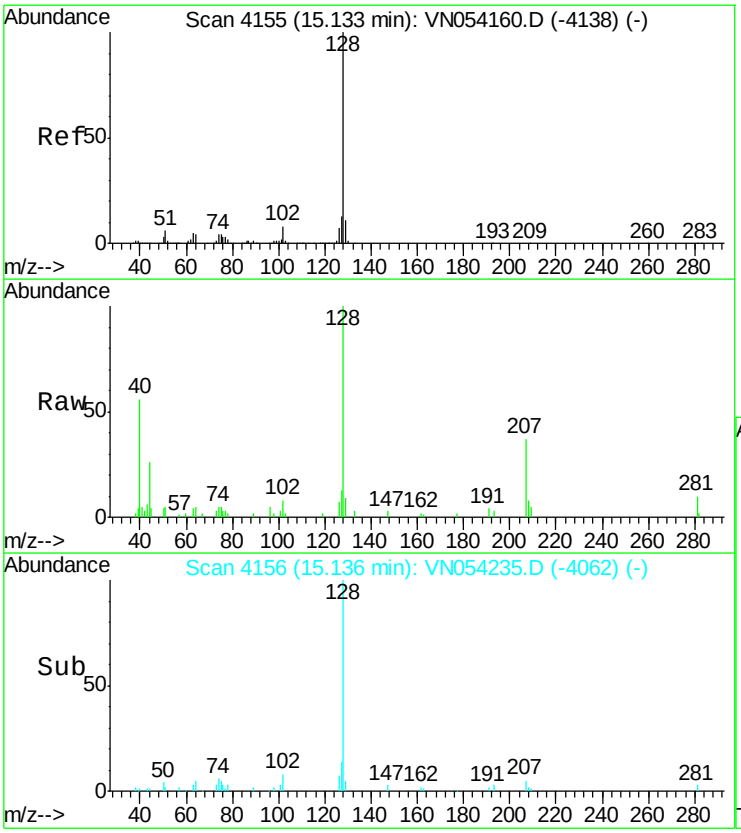
#93
1,2,4-Trichlorobenzene
Concen: 2.577 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1508

Ion	Ratio	Lower	Upper
180	100		
182	90.3	48.0	144.2
145	26.1	14.2	42.8





#95
Naphthalene
Concen: 3.838 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

Tgt Ion:128 Resp: 19387

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.4	8.7	13.1