Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040219\
Data File : VN054908.D
Acq On : 2 Apr 2019 18:02
Operator : JC/SP
Sample : K1695-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	516937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	339607	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.48%			
35) Dibromofluoromethane	7.59	113	271760	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.58%			
50) Toluene-d8	10.09	98	1033410	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
62) 4-Bromofluorobenzene	12.40	95	324285	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
Target Compounds						Qvalue
5) Bromomethane	2.69	94	64	Below Cal	#	2
11) Tert butyl alcohol	4.80	59	139	0.383 ug/l	#	70
13) Acrolein	3.61	56	478	1.473 ug/l	#	50
14) Allyl chloride	4.55	41	21847	2.183 ug/l	#	22
16) Acetone	3.82	43	15602	9.389 ug/l	#	82
18) Methyl Acetate	4.34	43	4877	0.212 ug/l	#	68
20) Methylene Chloride	4.55	84	498162	84.987 ug/l	#	81
25) 2-Butanone	6.85	43	2622	1.067 ug/l	#	89
29) Tetrahydrofuran	7.23	42	908	0.532 ug/l	#	59
30) Chloroform	7.37	83	2163	0.215 ug/l	#	83
31) Cyclohexane	7.66	56	10710	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	38419	4.834 ug/l	#	48
38) Carbon Tetrachloride	7.66	117	47478	6.151 ug/l	#	16
43) Isopropyl Acetate	8.17	43	13354	1.410 ug/l	#	90
45) 1,2-Dichloropropane	9.27	63	1366	0.211 ug/l	#	43
48) Methyl methacrylate	9.18	41	8340	1.625 ug/l	#	11
49) 1,4-Dioxane	9.27	88	97	1.904 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.03	43	6967	1.309 ug/l	#	36
54) cis-1,3-Dichloropropene	9.90	75	45147	5.300 ug/l	#	75
57) 1,3-Dichloropropane	10.76	76	8331	0.963 ug/l	#	43
59) 2-Hexanone	10.77	43	146060	42.855 ug/l	#	47
71) Bromoform	12.40	173	3333	1.033 ug/l	#	1
74) N-amyl acetate	11.88	43	14814	2.133 ug/l	#	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	212	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170444	35.970 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	6606	0.361 ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	170444	139.914 ug/l	#	11
83) tert-Butylbenzene	13.04	119	1056	Below Cal	#	73
84) 1,2,4-Trimethylbenzene	13.04	105	8563	0.491 ug/l		94
95) Naphthalene	15.14	128	7958	0.810 ug/l		96

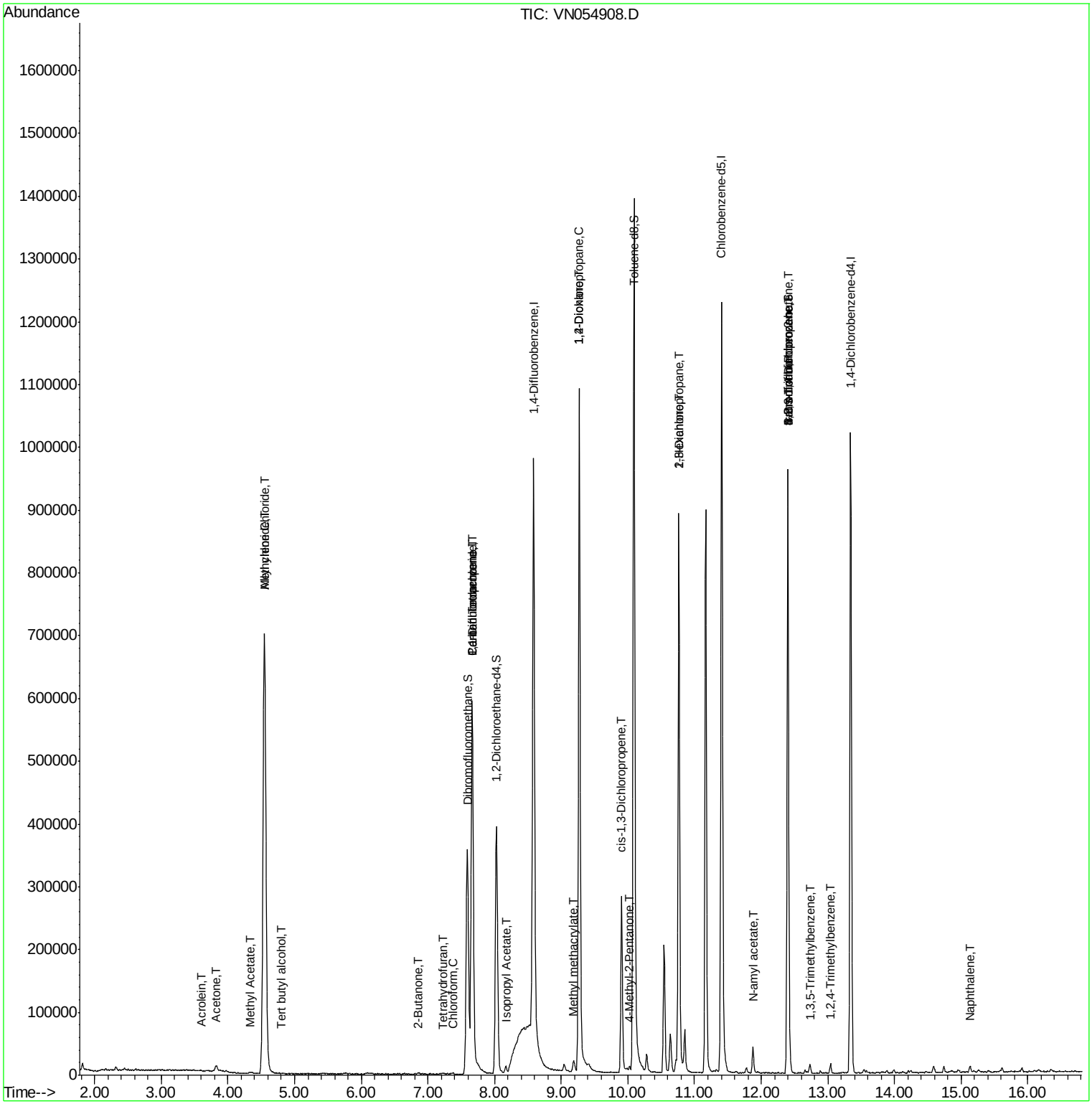
(#) = qualifier out of range (m) = manual integration (+) = signals summed

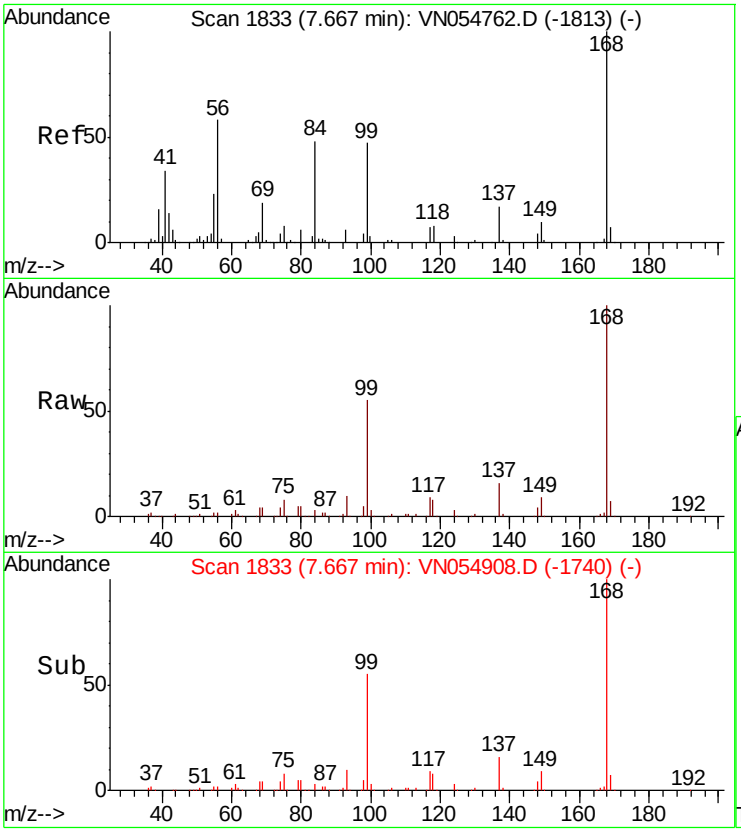
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040219\
Data File : VN054908.D
Acq On : 2 Apr 2019 18:02
Operator : JC/SP
Sample : K1695-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



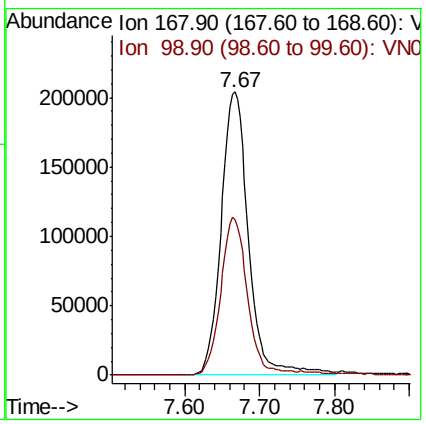


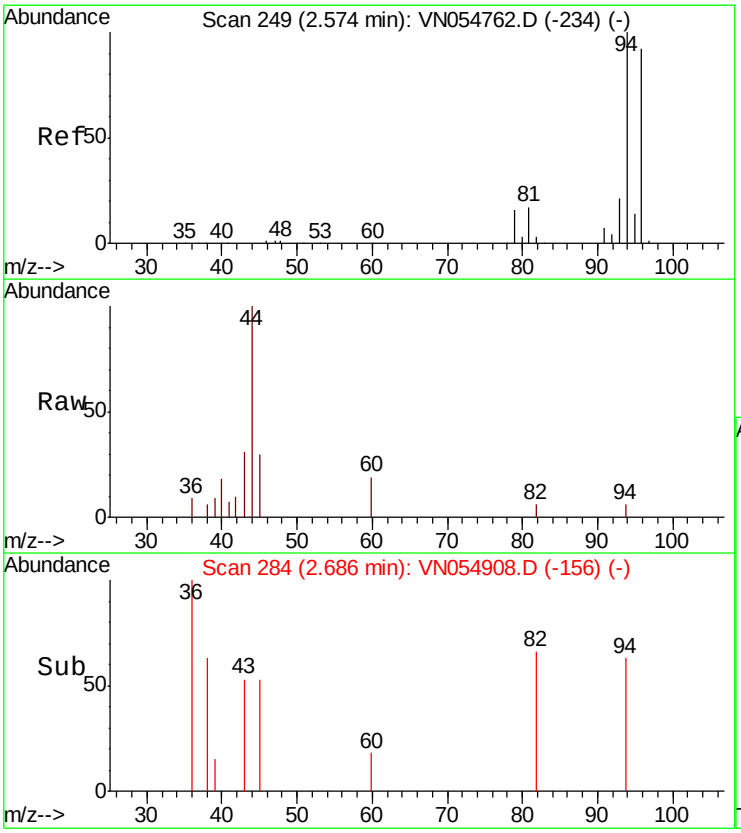
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 516937

Ion	Ratio	Lower	Upper
168	100		
99	55.0	37.1	55.7

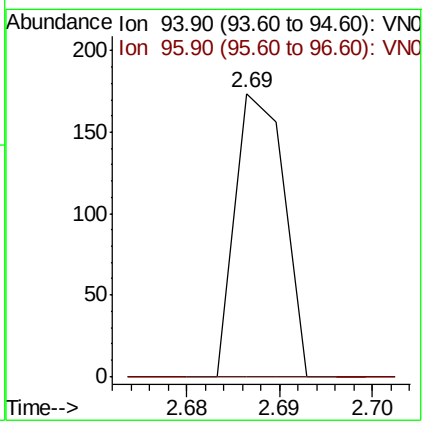


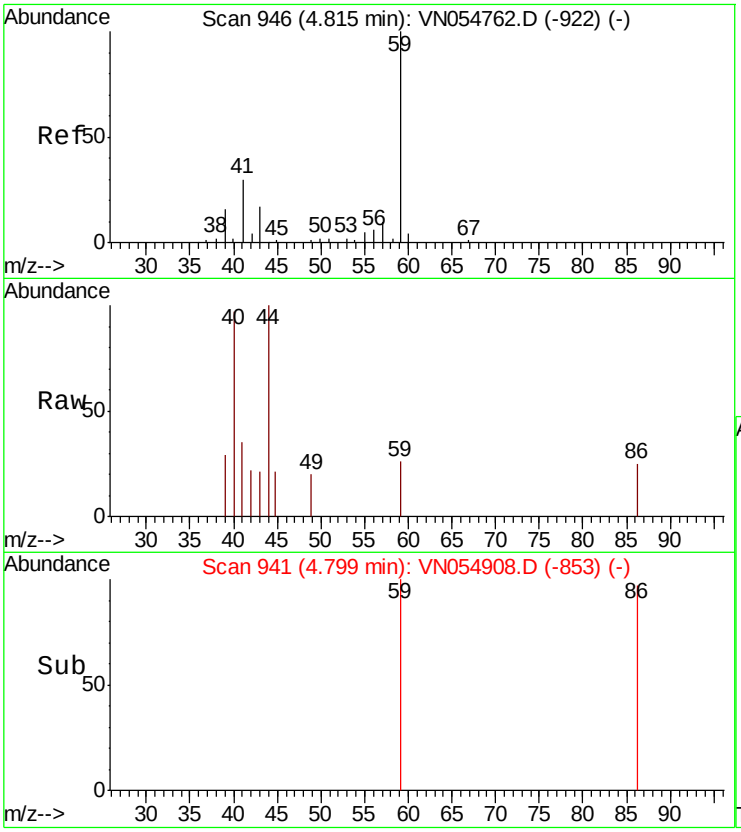


#5
Bromomethane
Concen: Below Cal
RT: 2.69 min Scan# 284
Delta R.T. 0.11 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 94 Resp: 64

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.4#



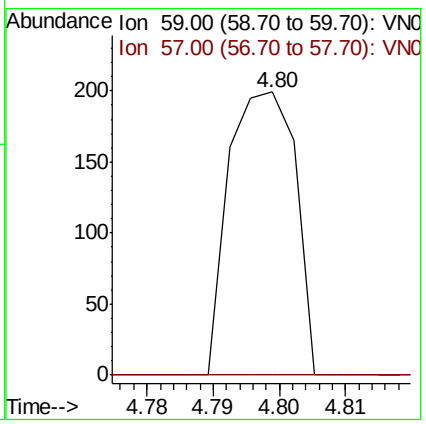


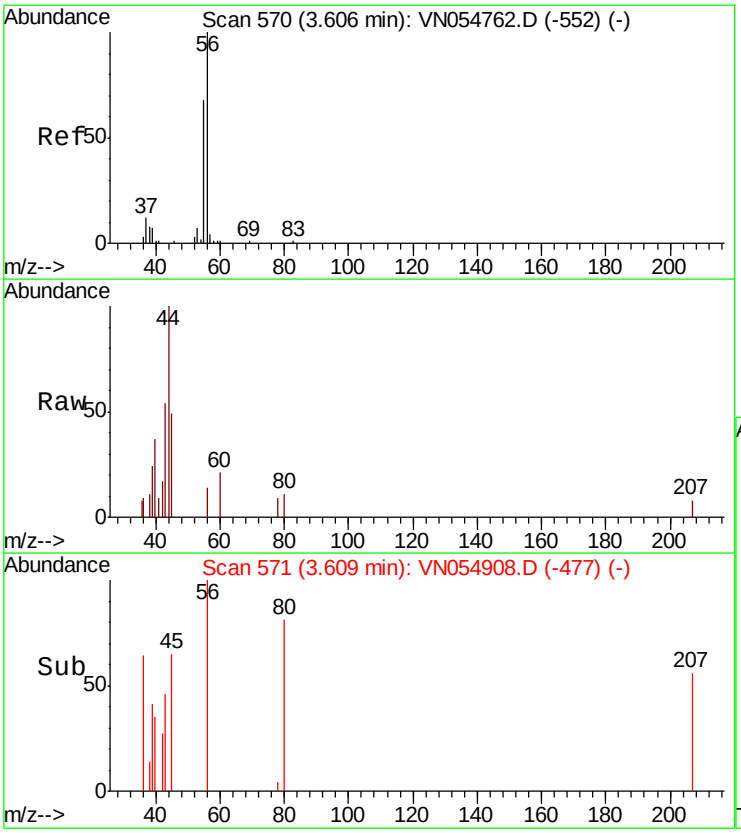
#11
Tert butyl alcohol
Concen: 0.383 ug/l
RT: 4.80 min Scan# 941
Delta R.T. -0.02 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 139

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

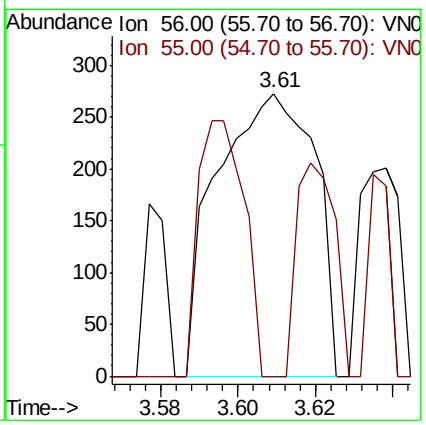


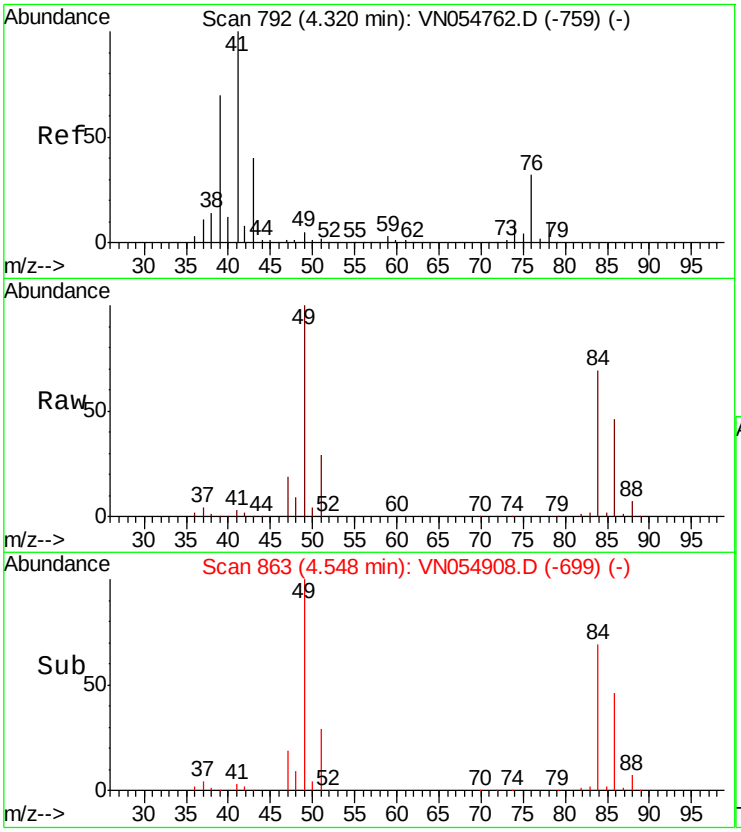


#13
Acrolein
Concen: 1.473 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 56 Resp: 478

Ion	Ratio	Lower	Upper
56	100		
55	29.5	56.7	85.1#



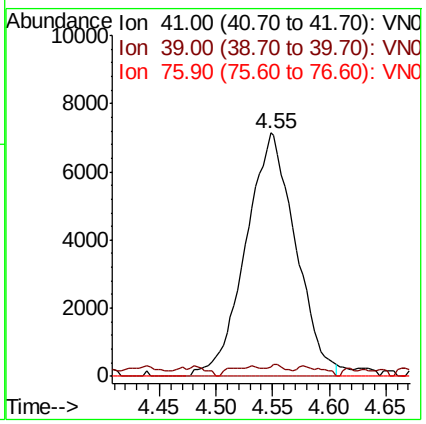


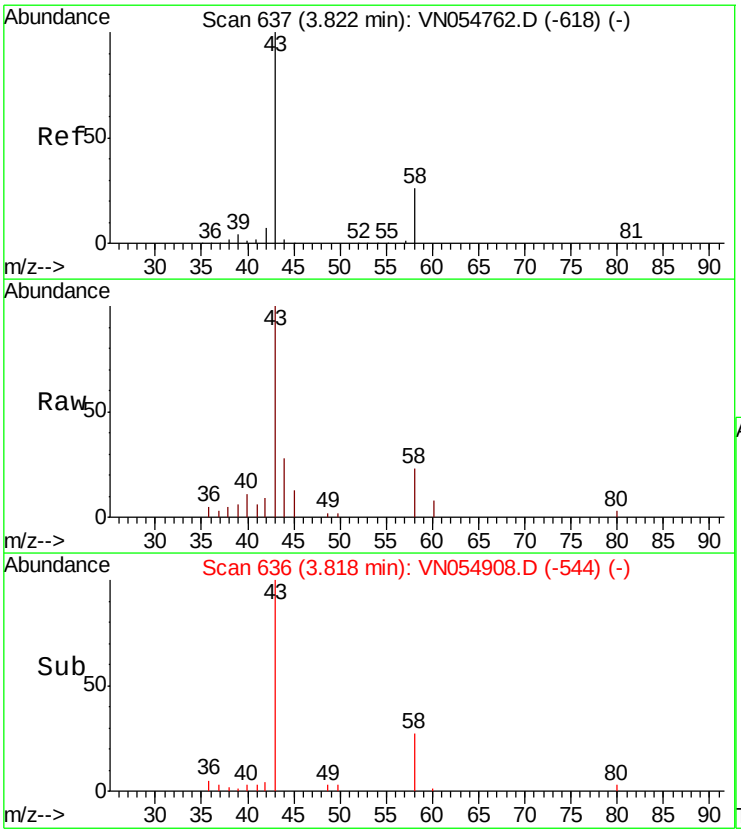
#14
Allyl chloride
Concen: 2.183 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 21847

Ion	Ratio	Lower	Upper
41	100		
39	1.6	58.2	87.4#
76	0.0	31.7	47.5#

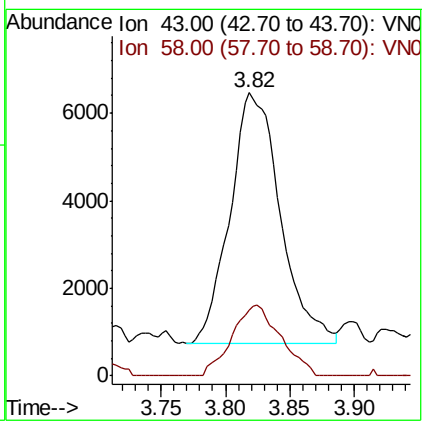


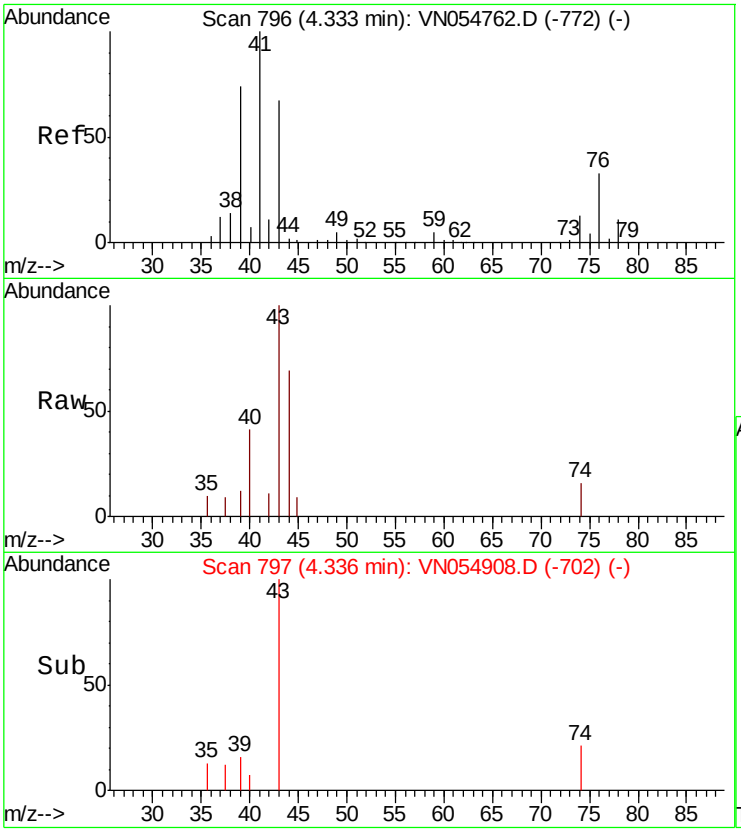


#16
Acetone
Concen: 9.389 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 15602

Ion	Ratio	Lower	Upper
43	100		
58	26.4	29.9	44.9#



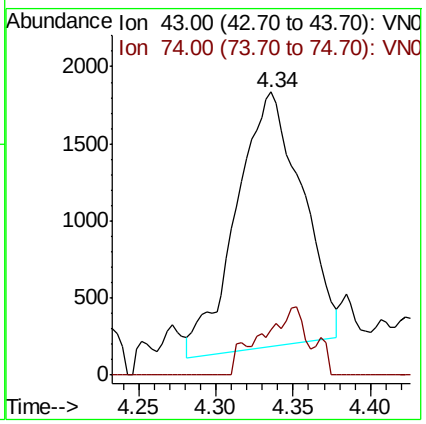


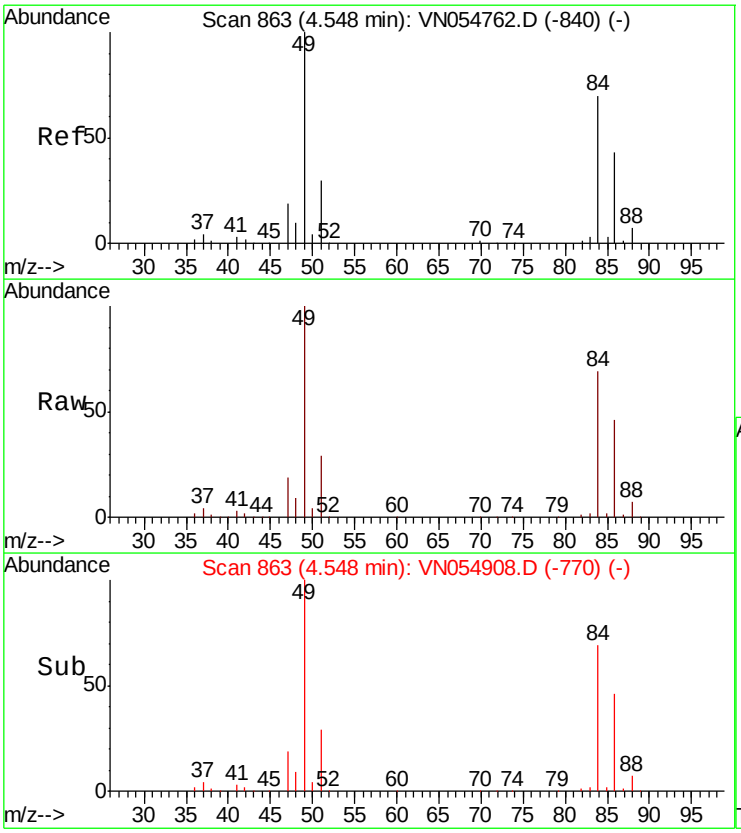
#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4877

Ion	Ratio	Lower	Upper
43	100		
74	9.4	20.8	31.2#

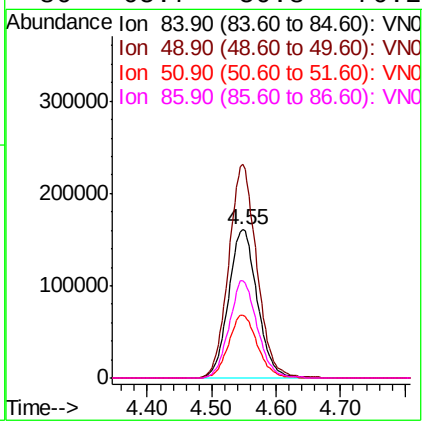


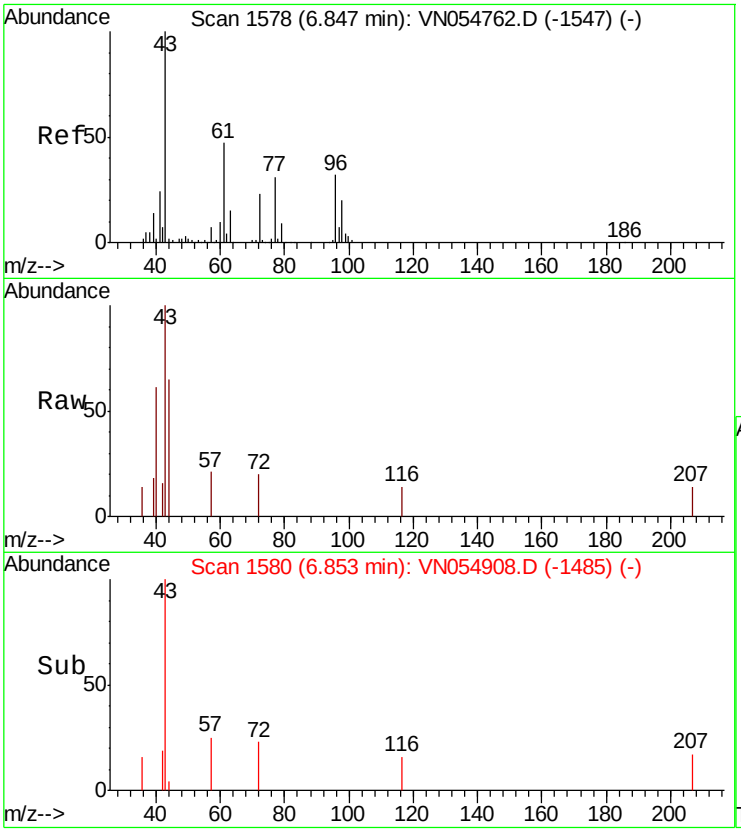


#20
Methylene Chloride
Concen: 84.987 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 84 Resp: 498162

Ion	Ratio	Lower	Upper
84	100		
49	144.3	89.7	134.5#
51	42.5	28.2	42.4#
86	65.7	50.8	76.2



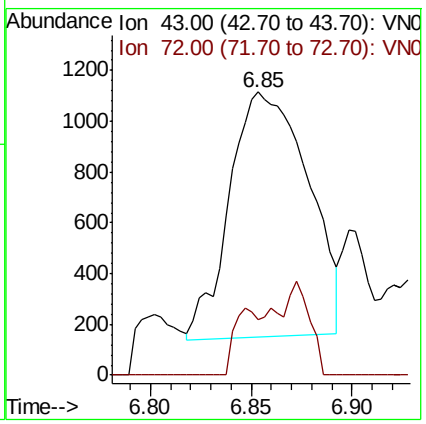


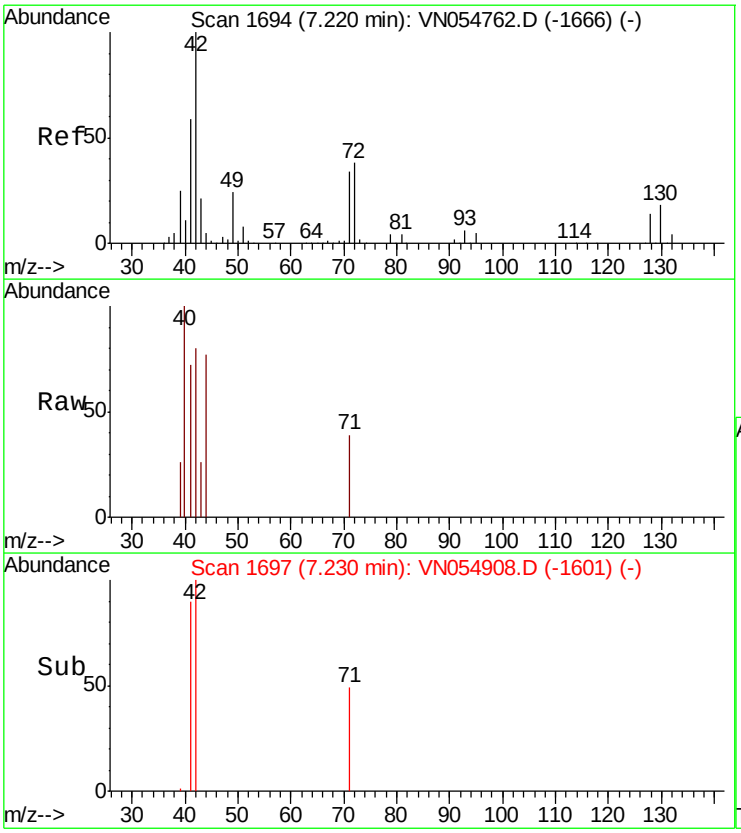
#25
2-Butanone
Concen: 1.067 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2622

Ion	Ratio	Lower	Upper
43	100		
72	23.0	23.0	34.6#

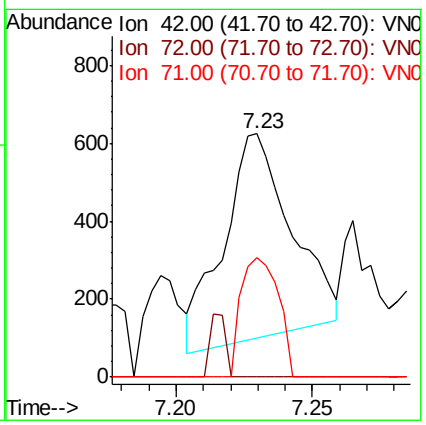


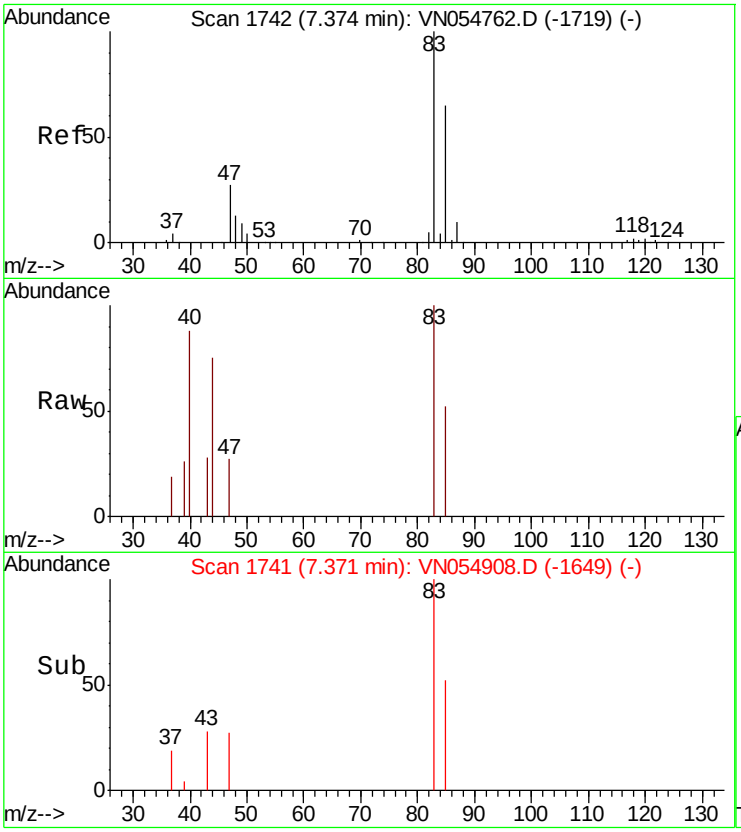


#29
Tetrahydrofuran
Concen: 0.532 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 42 Resp: 908

Ion	Ratio	Lower	Upper
42	100		
72	6.7	37.8	56.6#
71	31.8	36.2	54.2#



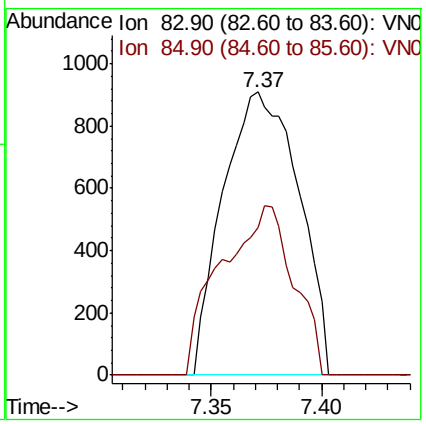


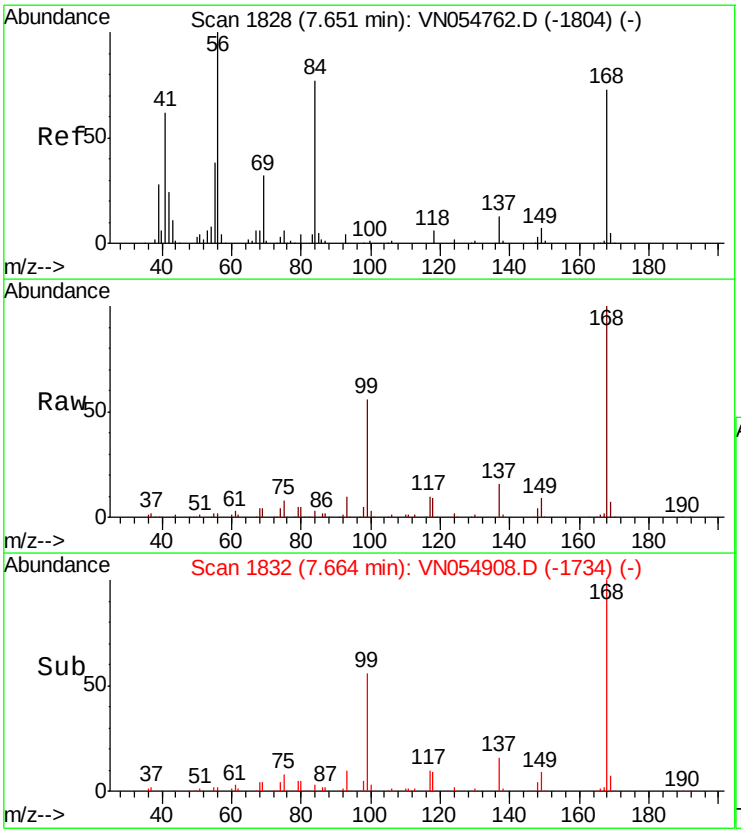
#30
Chloroform
Concen: 0.215 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 2163

Ion	Ratio	Lower	Upper
83	100		
85	52.0	52.2	78.4#

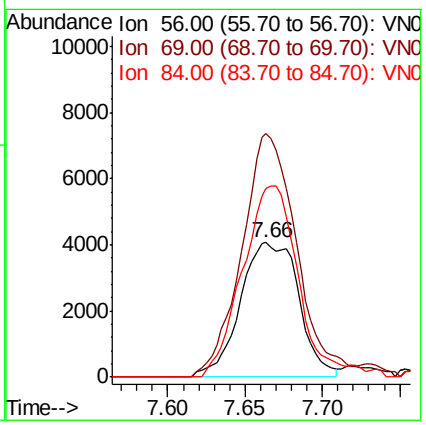


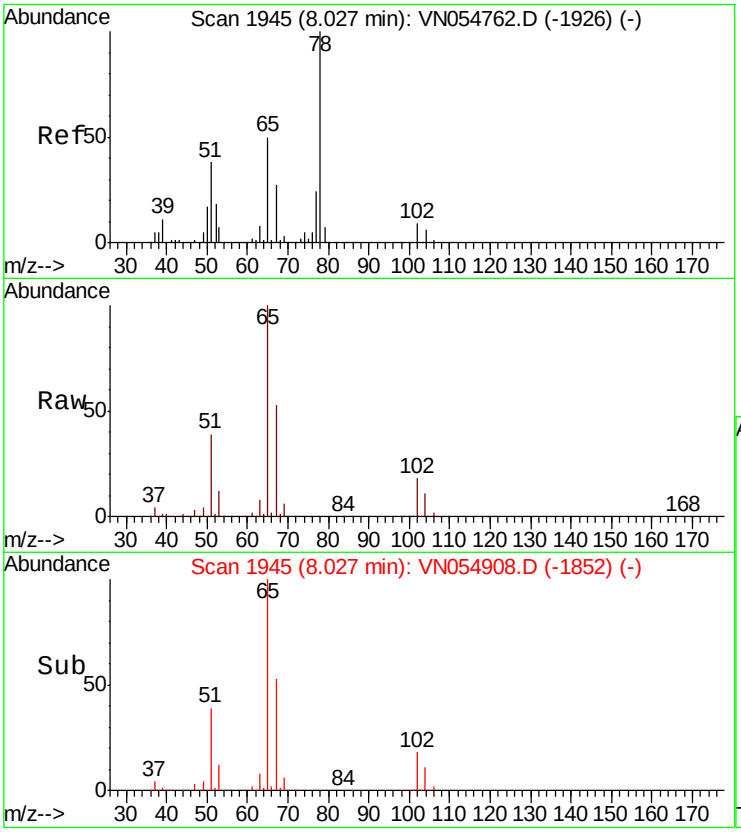


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 56 Resp: 10710

Ion	Ratio	Lower	Upper
56	100		
69	181.0	27.8	41.6#
84	140.5	74.6	111.8#



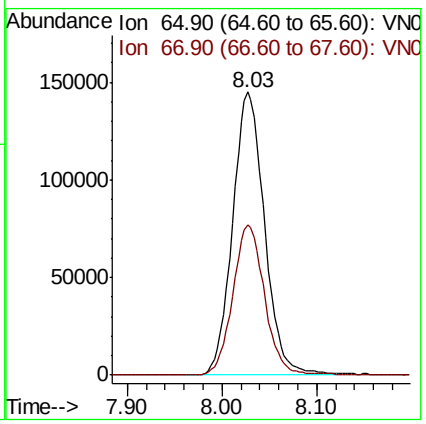


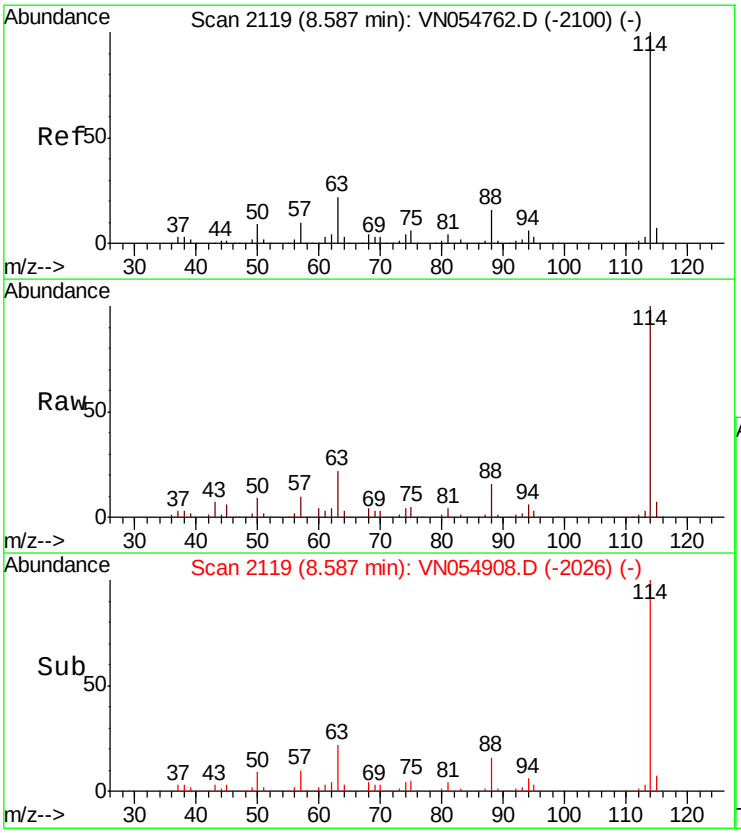
#33
1,2-Dichloroethane-d4
Concen: 48.735 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 339607

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.6

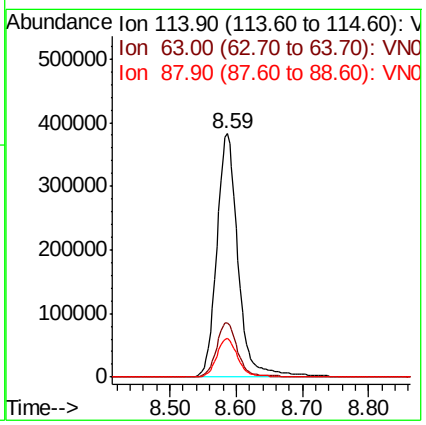


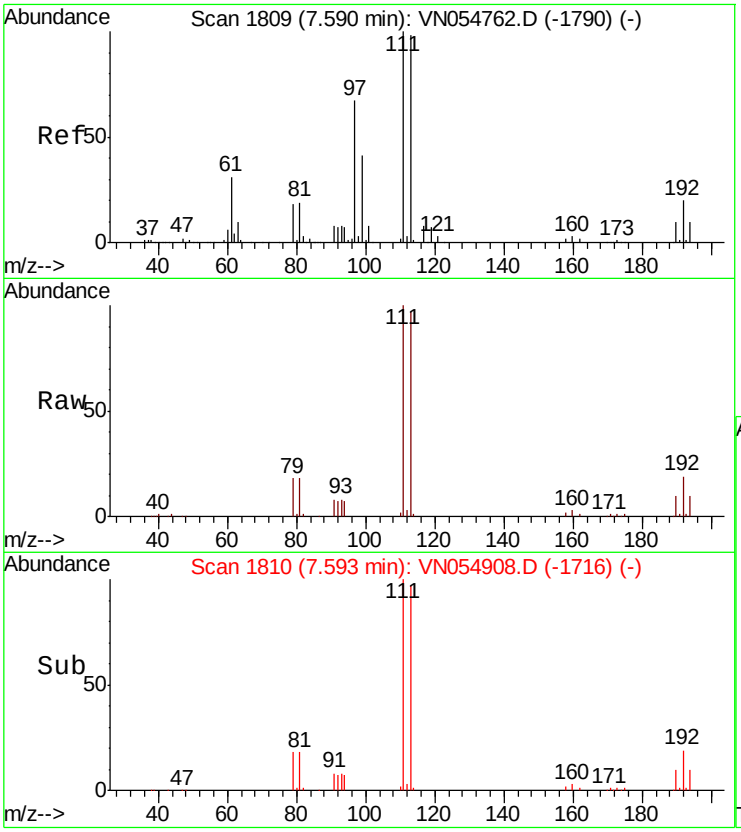


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:114 Resp: 852891

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.2
88	15.8	0.0	30.2



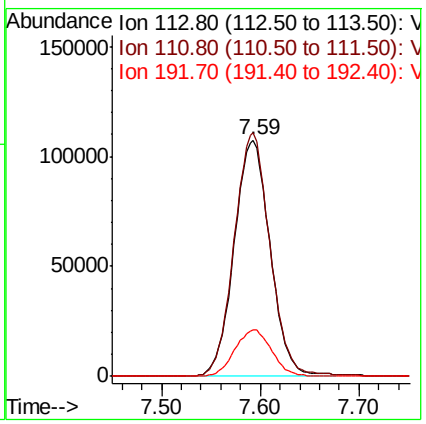


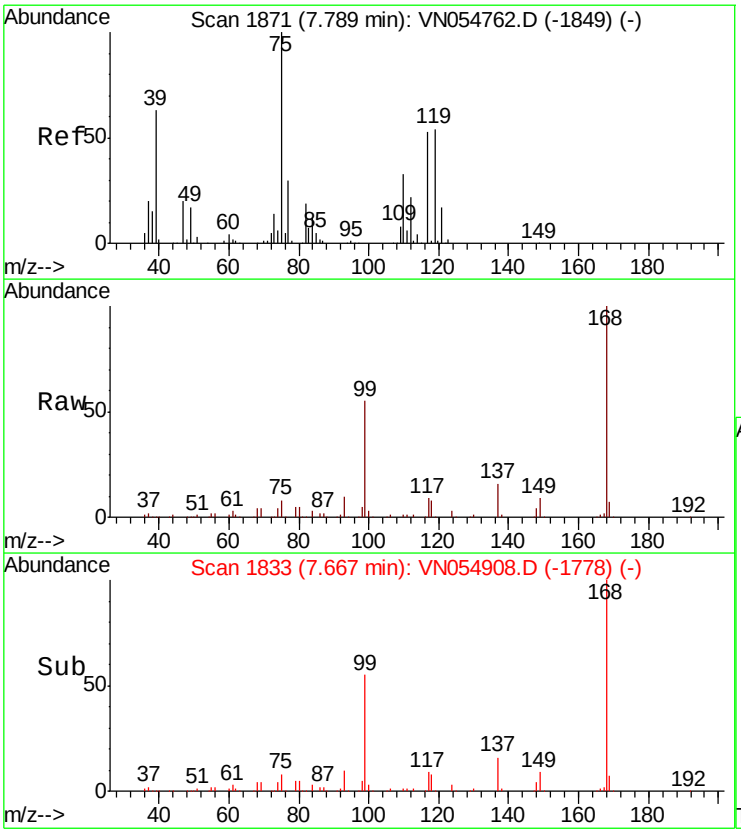
#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 271760

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.2	19.2	28.8

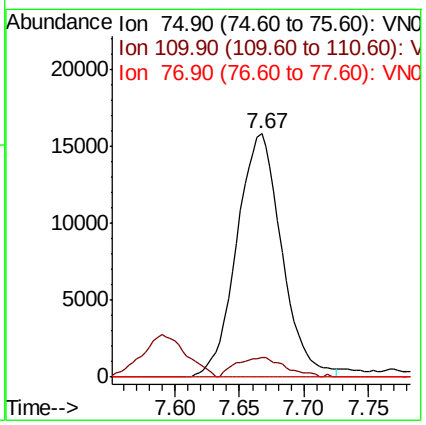


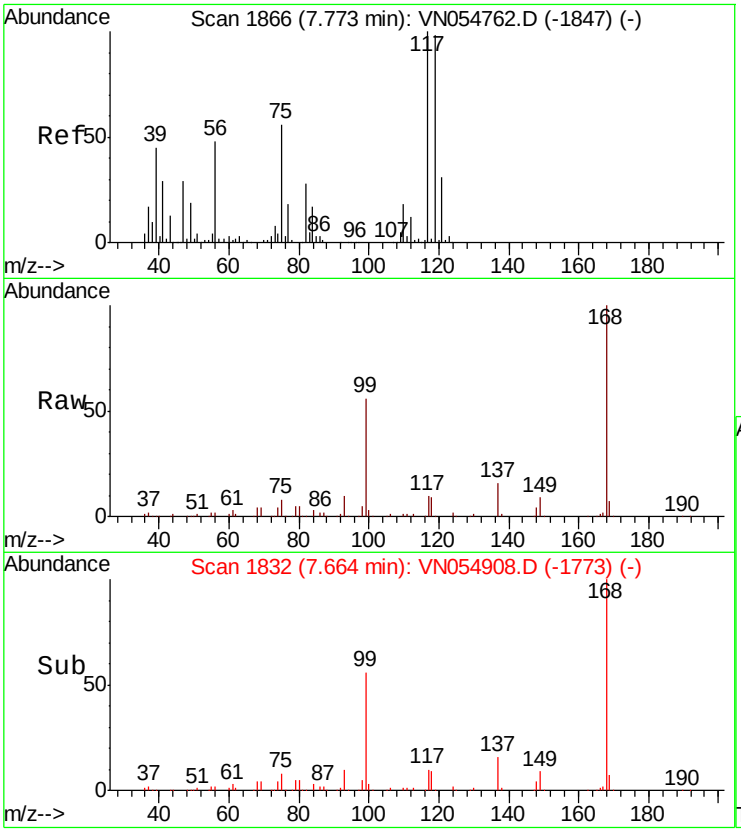


#36
1,1-Dichloropropene
Concen: 4.834 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 75 Resp: 38419

Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#



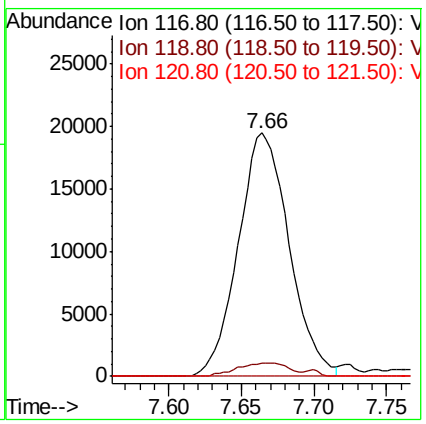


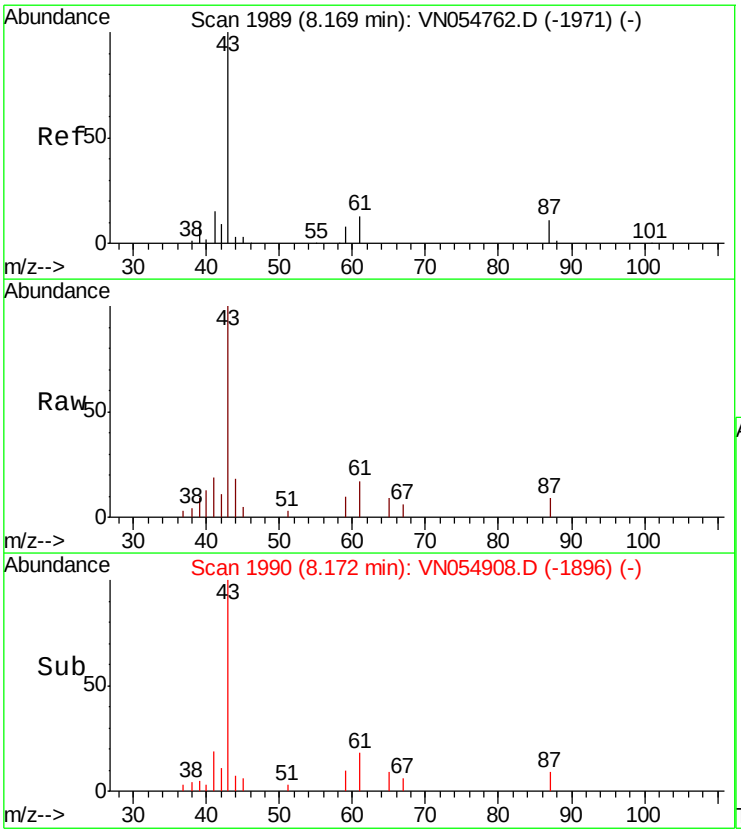
#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 47478

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#

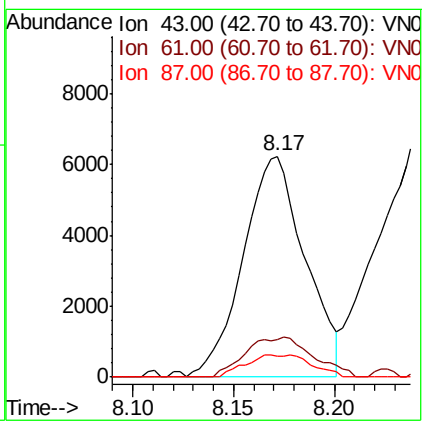


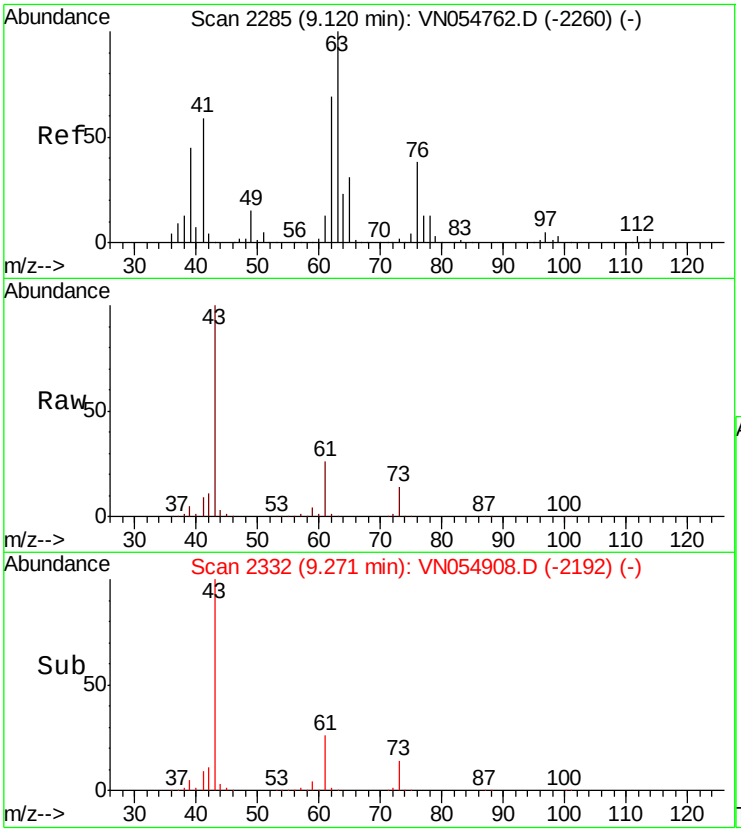


#43
Isopropyl Acetate
Concen: 1.410 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 13354

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8
87	5.5	12.0	18.0#



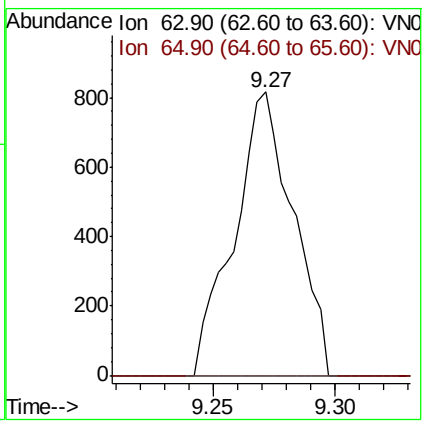


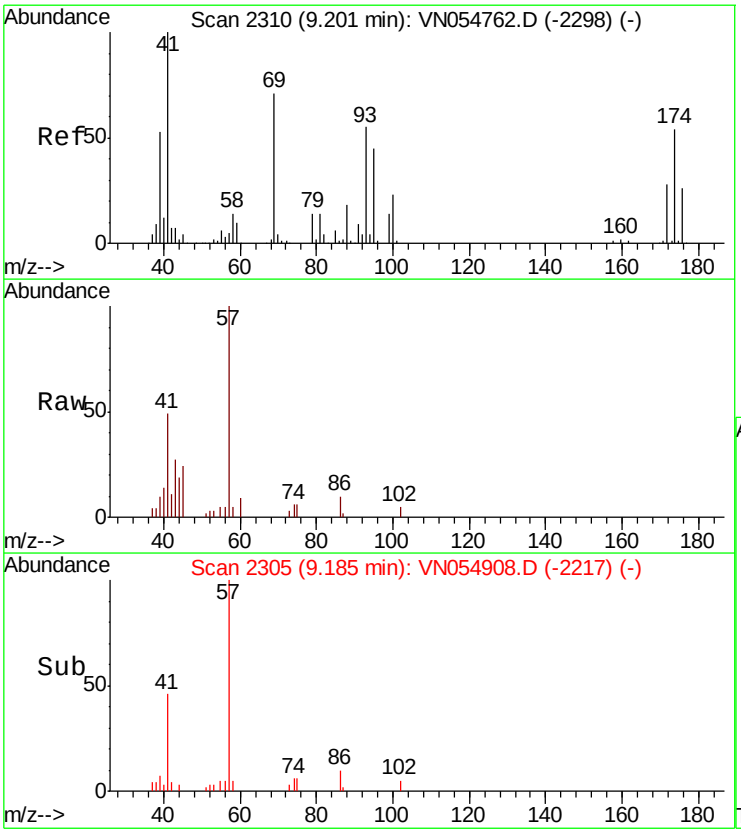
#45
1,2-Dichloropropane
Concen: 0.211 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1366

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

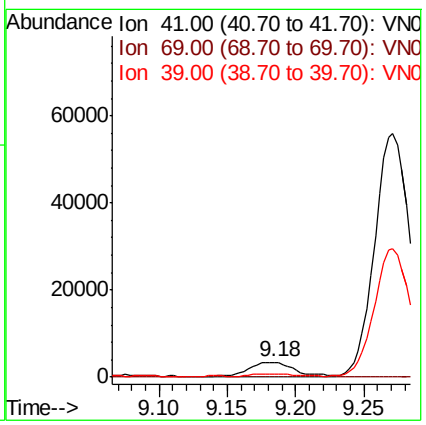


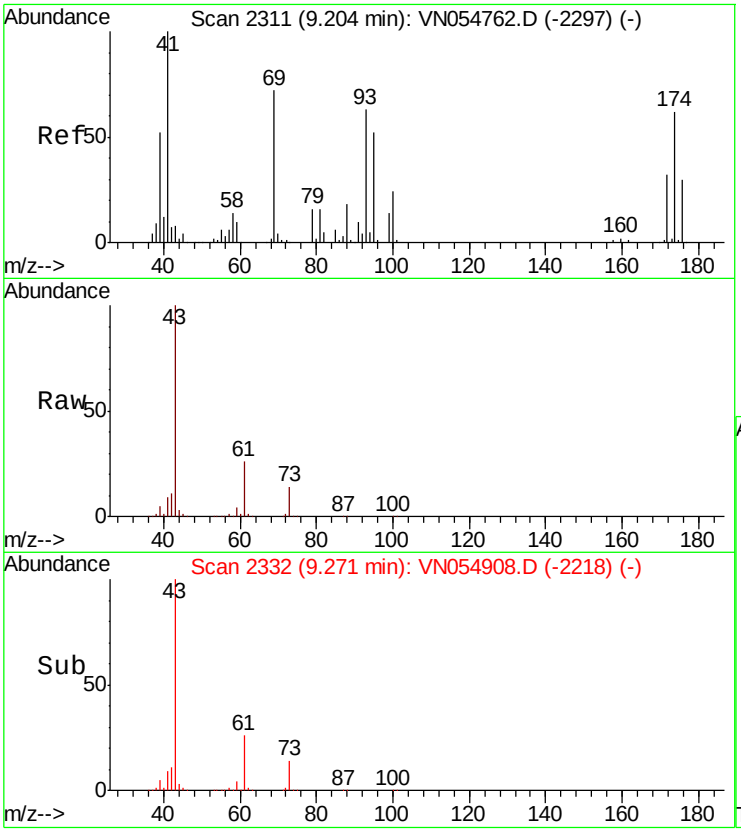


#48
Methyl methacrylate
Concen: 1.625 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 41 Resp: 8340

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



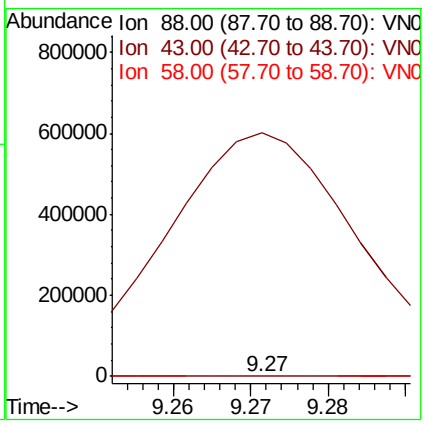


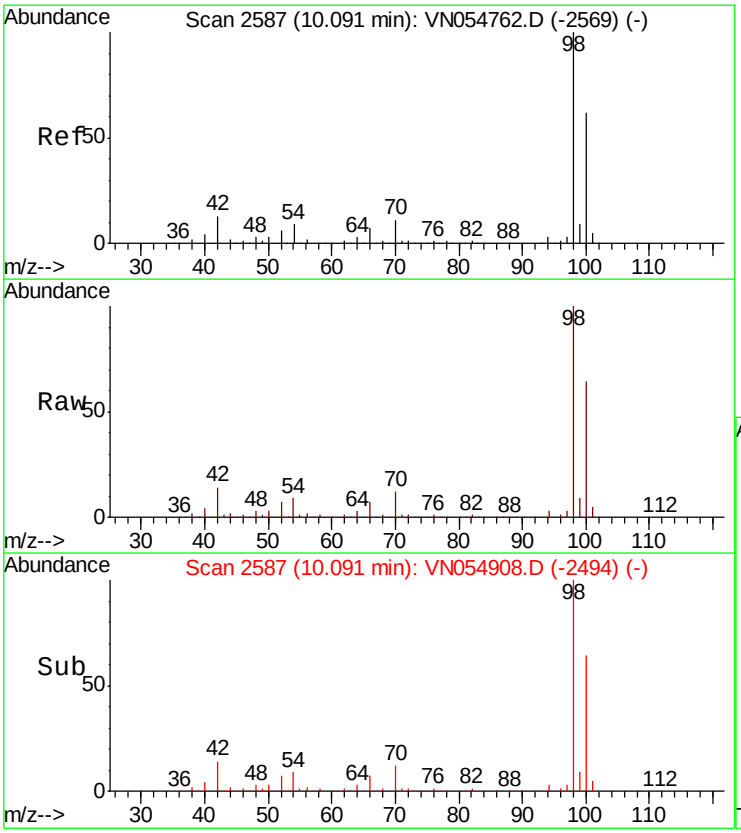
#49
1,4-Dioxane
Concen: 1.904 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	1178287.6	24.1	36.1#
58	5028.9	50.8	76.2#

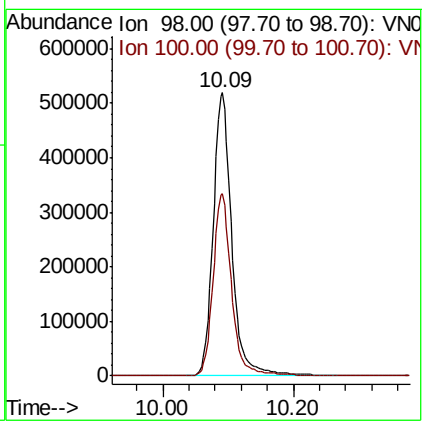


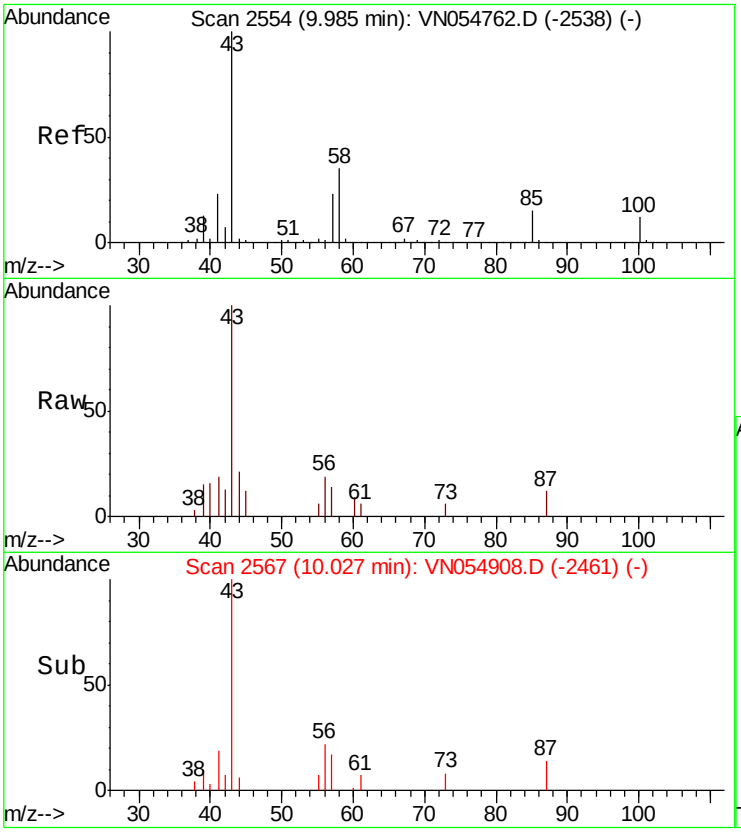


#50
Toluene-d8
Concen: 48.884 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 98 Resp: 1033410

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8



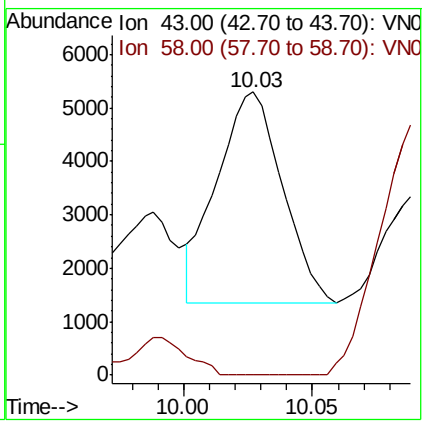


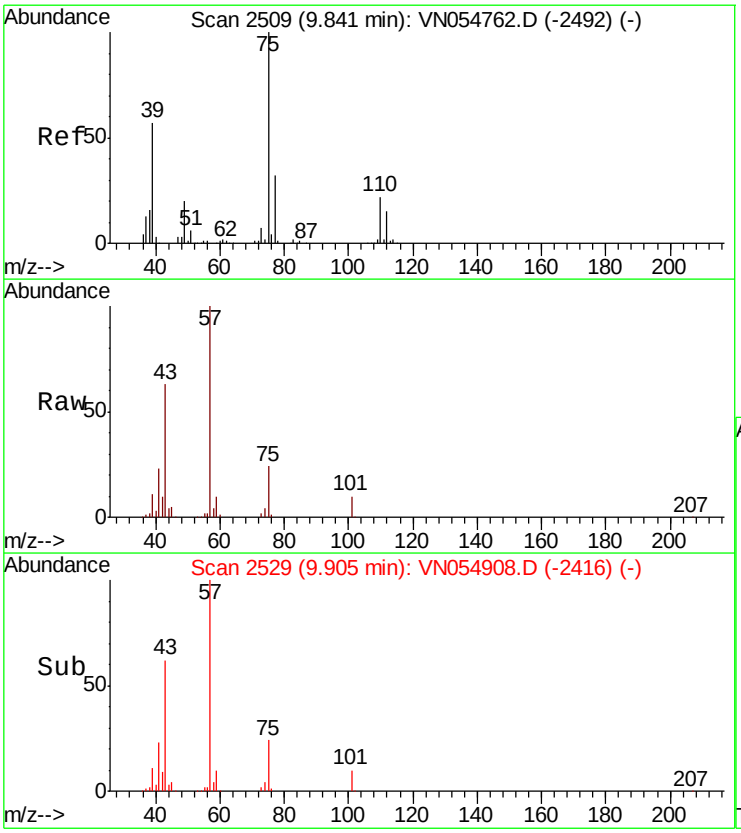
#51
4-Methyl-2-Pentanone
Concen: 1.309 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6967

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

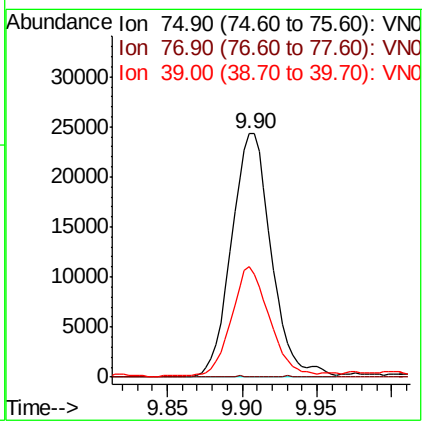


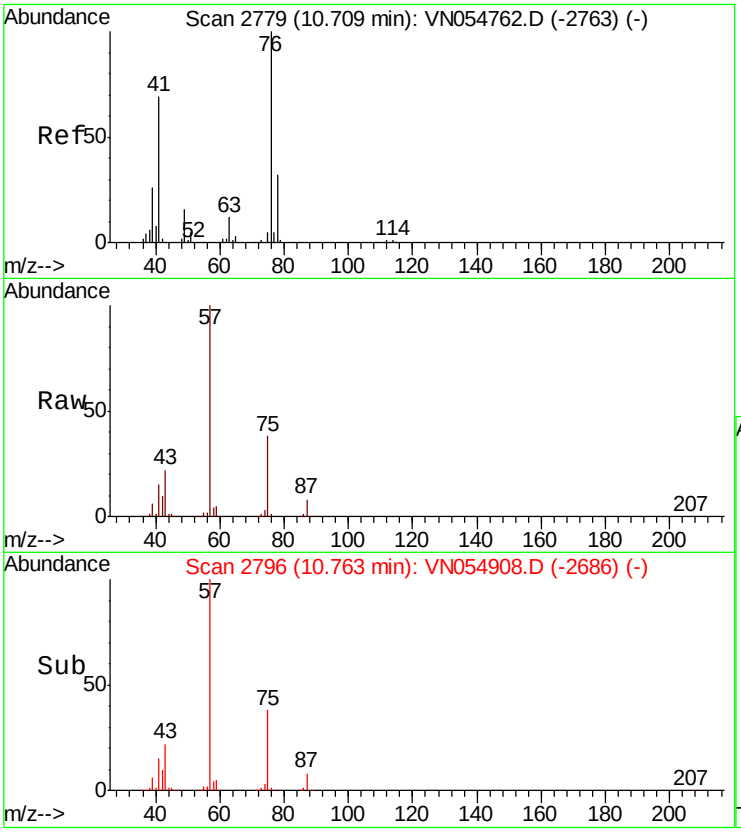


#54
cis-1,3-Dichloropropene
Concen: 5.300 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 75 Resp: 45147

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	44.6	37.2	55.8



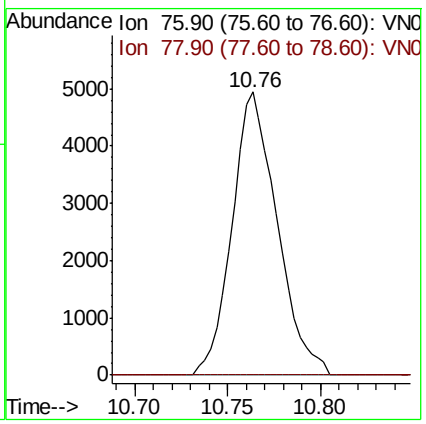


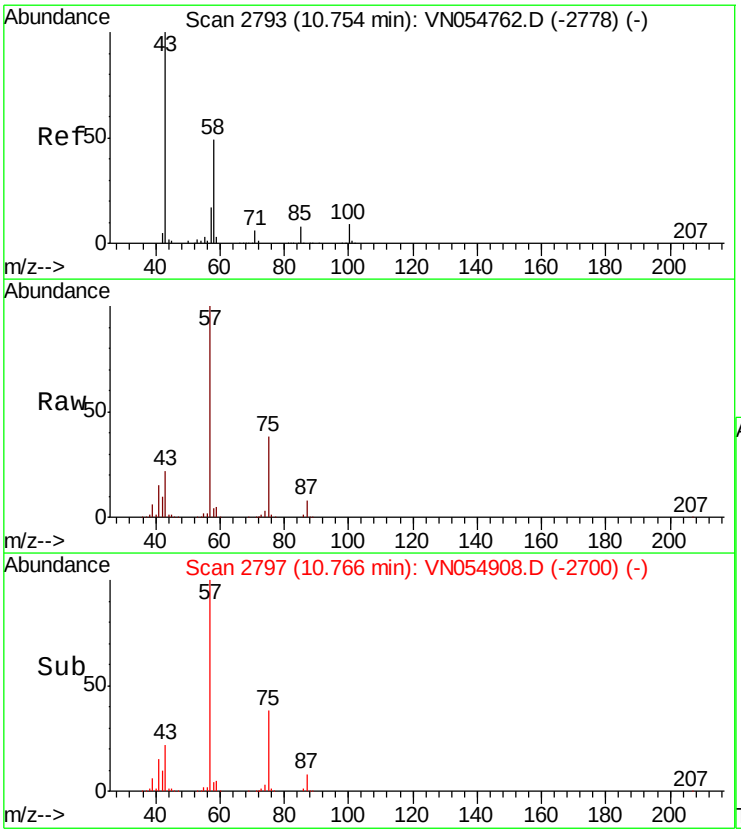
#57
1,3-Dichloropropane
Concen: 0.963 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 8331

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

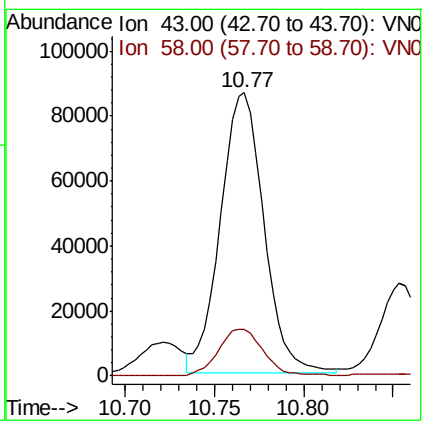


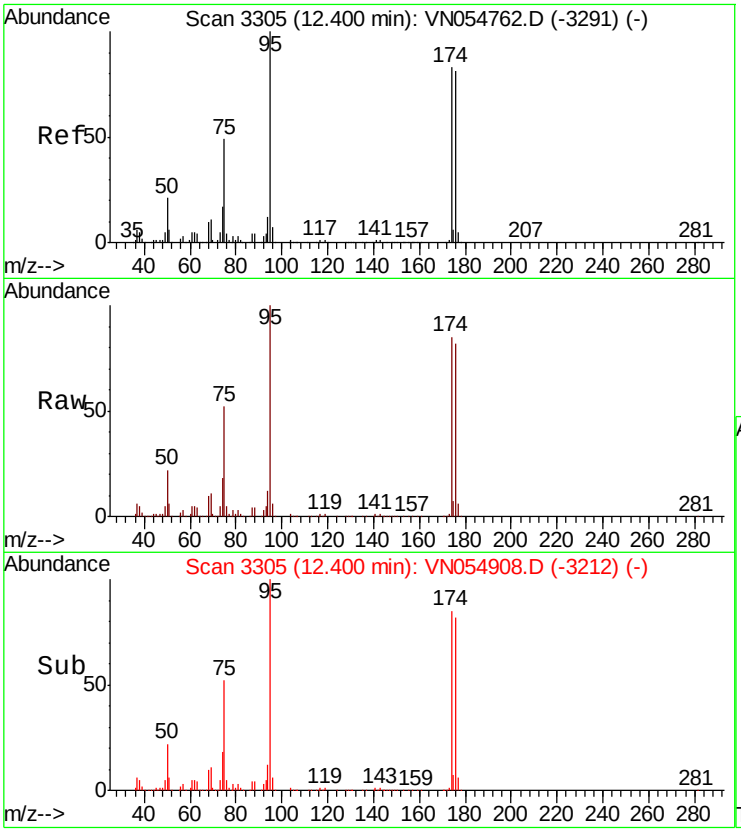


#59
2-Hexanone
Concen: 42.855 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 43 Resp: 146060

Ion	Ratio	Lower	Upper
43	100		
58	17.3	28.0	83.9#



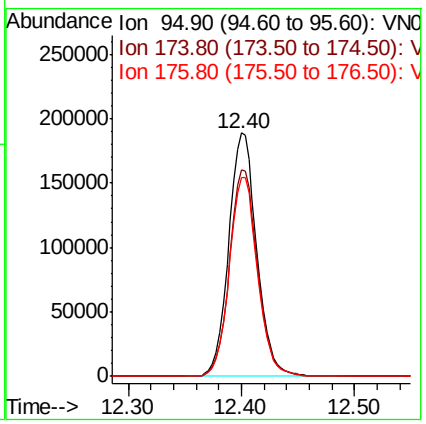


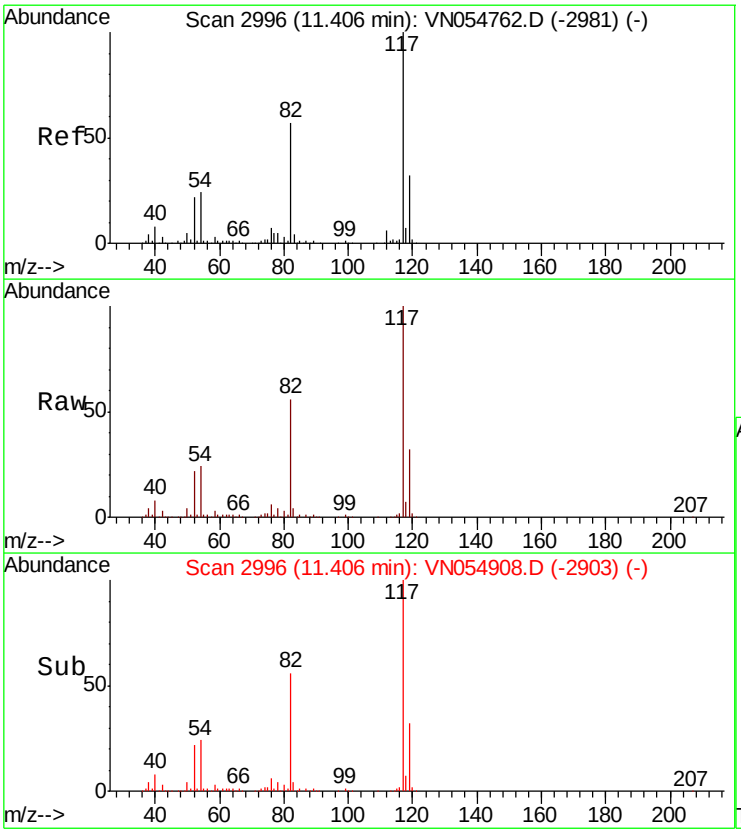
#62
4-Bromofluorobenzene
Concen: 46.125 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 324285

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	191.0
176	82.2	0.0	187.4

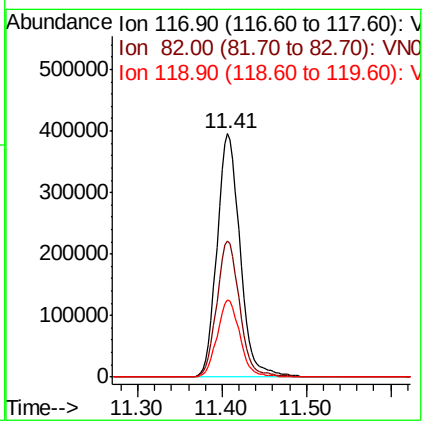


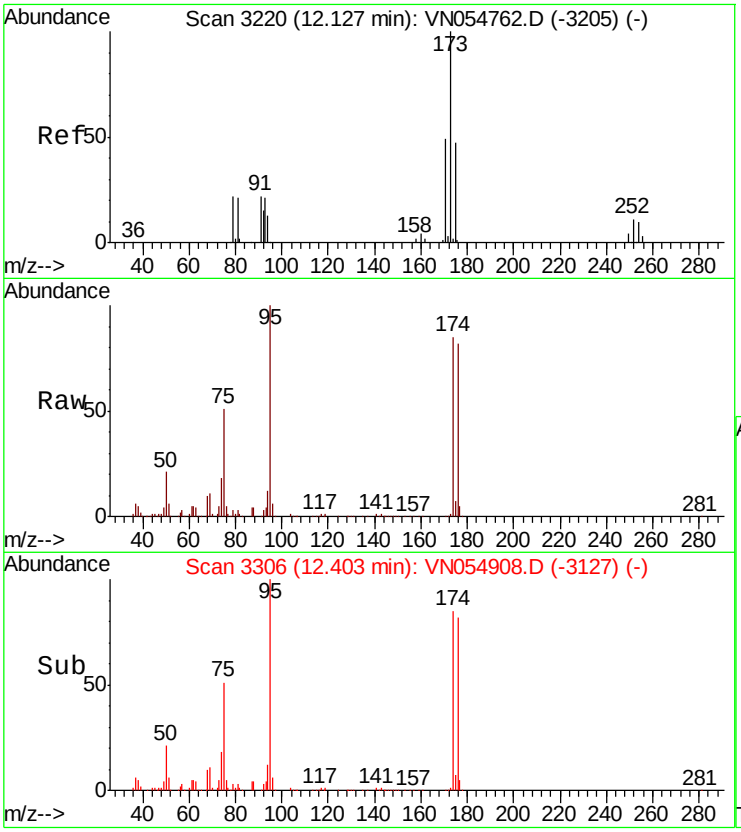


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:117 Resp: 751301

Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	31.7	25.8	38.6



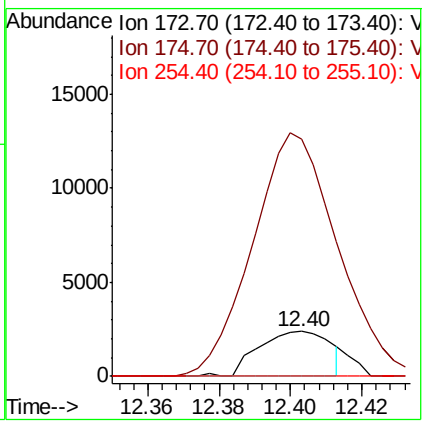


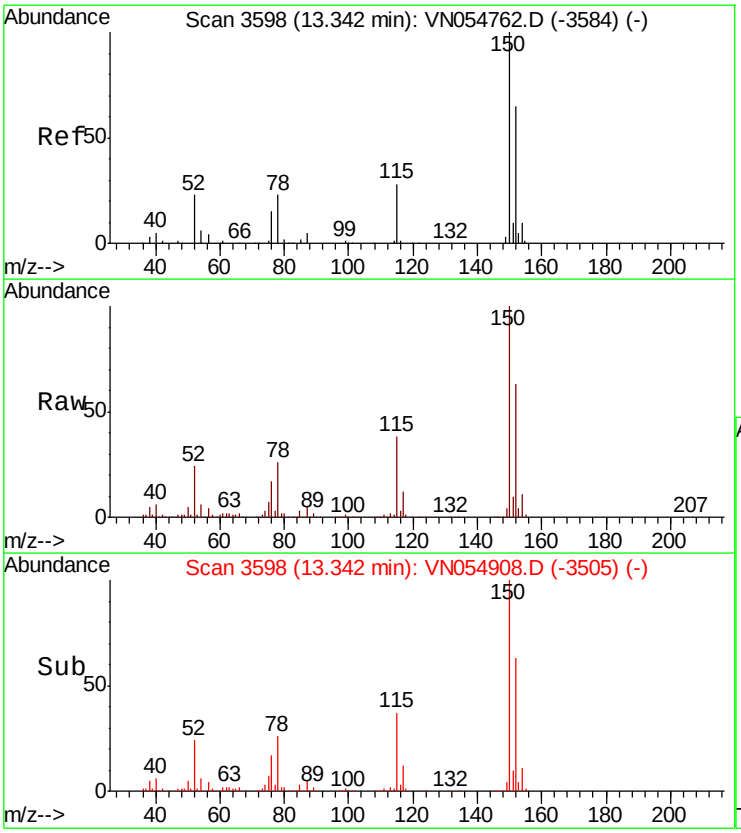
#71
Bromoform
Concen: 1.033 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 3333

Ion	Ratio	Lower	Upper
173	100		
175	553.4	24.4	73.2#
254	0.0	0.1	0.1#

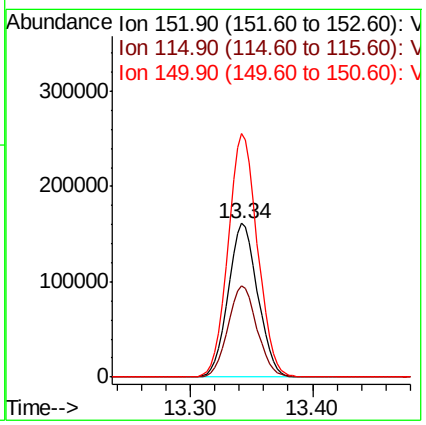


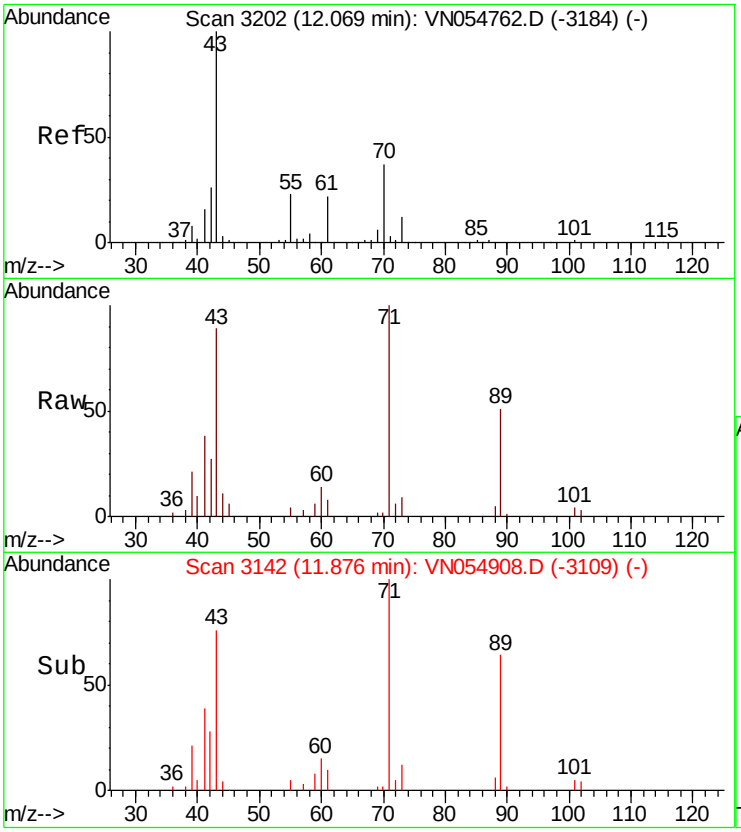


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:152 Resp: 272762

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.2	81.6
150	157.1	0.0	349.2



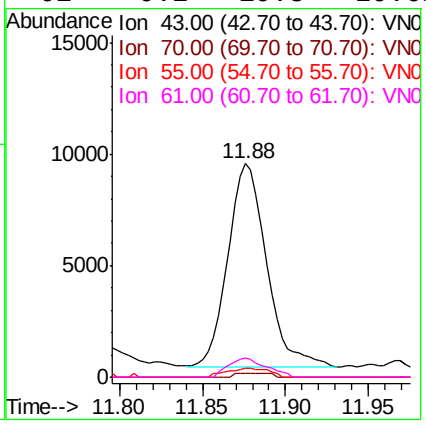


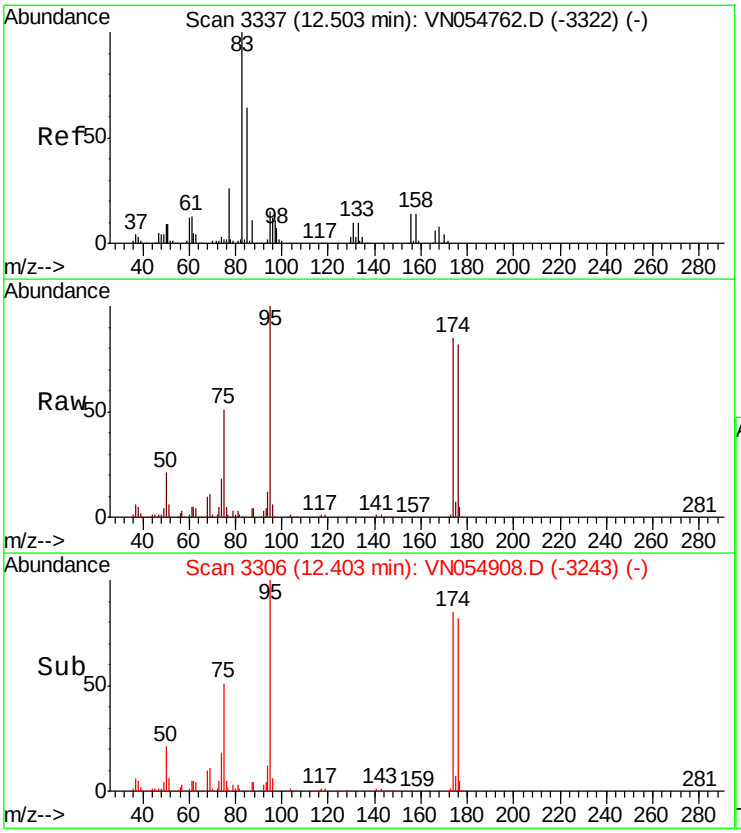
#74
N-amyl acetate
Concen: 2.133 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 14814

Ion	Ratio	Lower	Upper
43	100		
70	1.8	35.4	53.0#
55	4.9	19.8	29.6#
61	9.2	19.8	29.6#

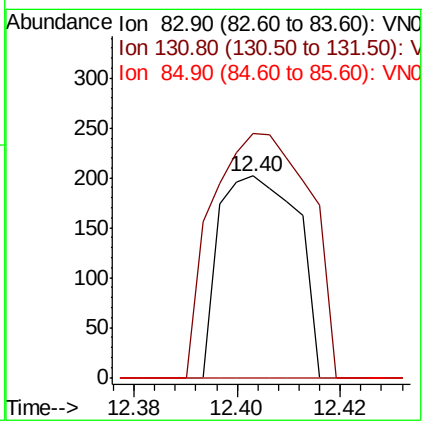


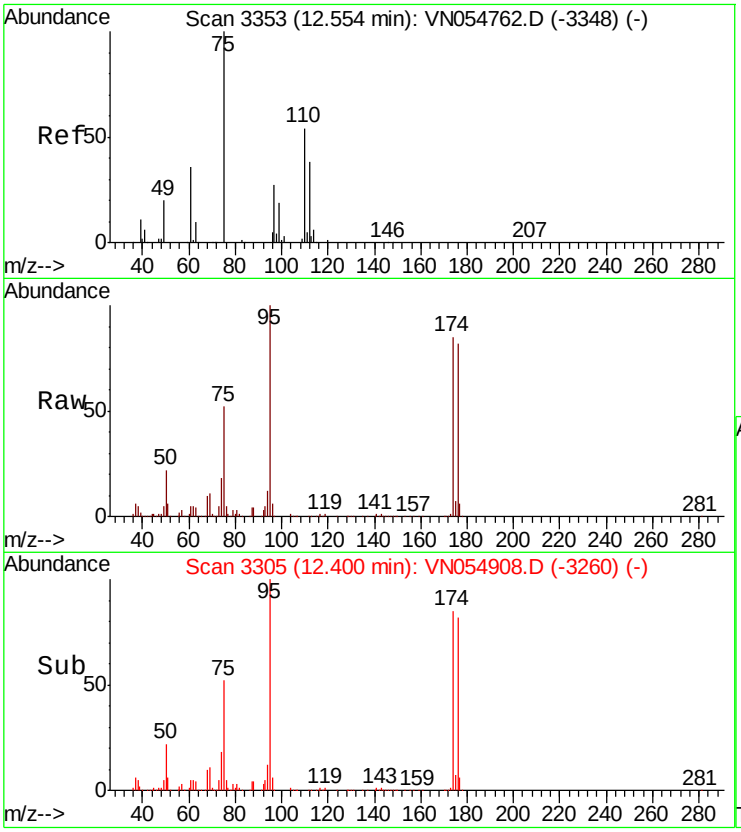


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3306
Delta R.T. -0.10 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion: 83 Resp: 212

Ion	Ratio	Lower	Upper
83	100		
131	150.5	5.8	17.4#
85	0.0	32.2	96.6#



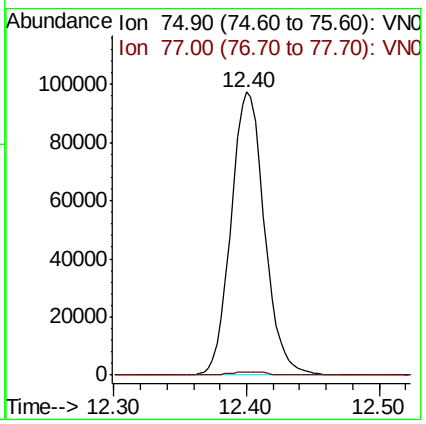


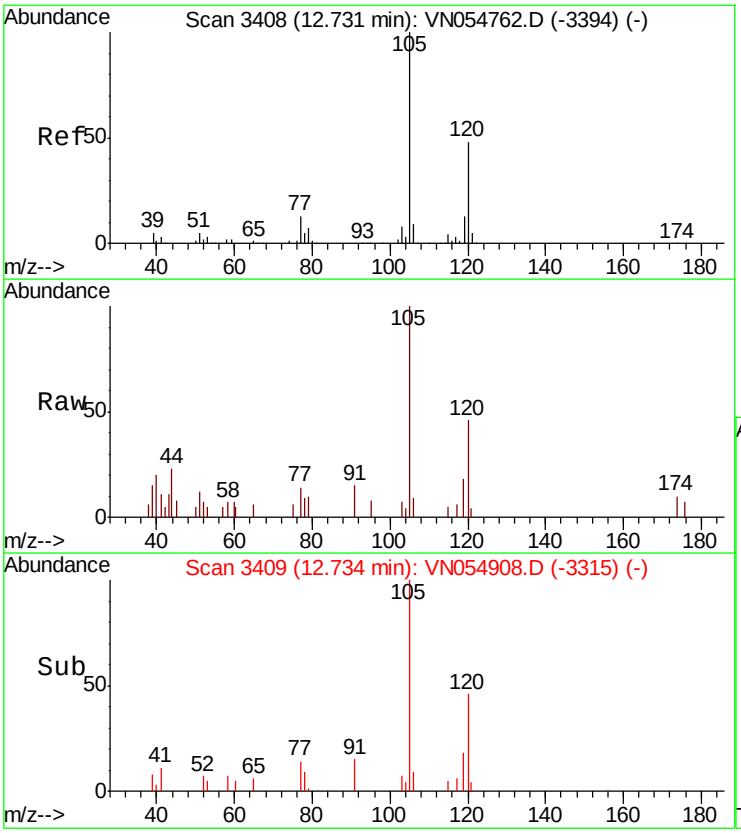
#76
1,2,3-Trichloropropane
Concen: 35.970 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 170444

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

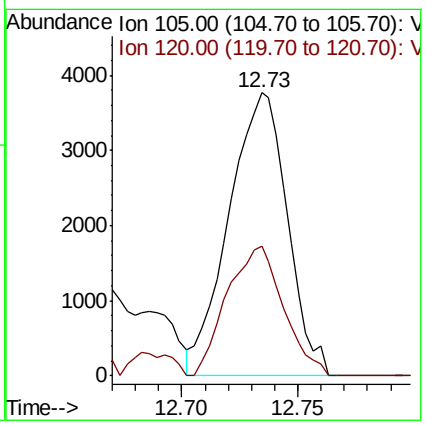


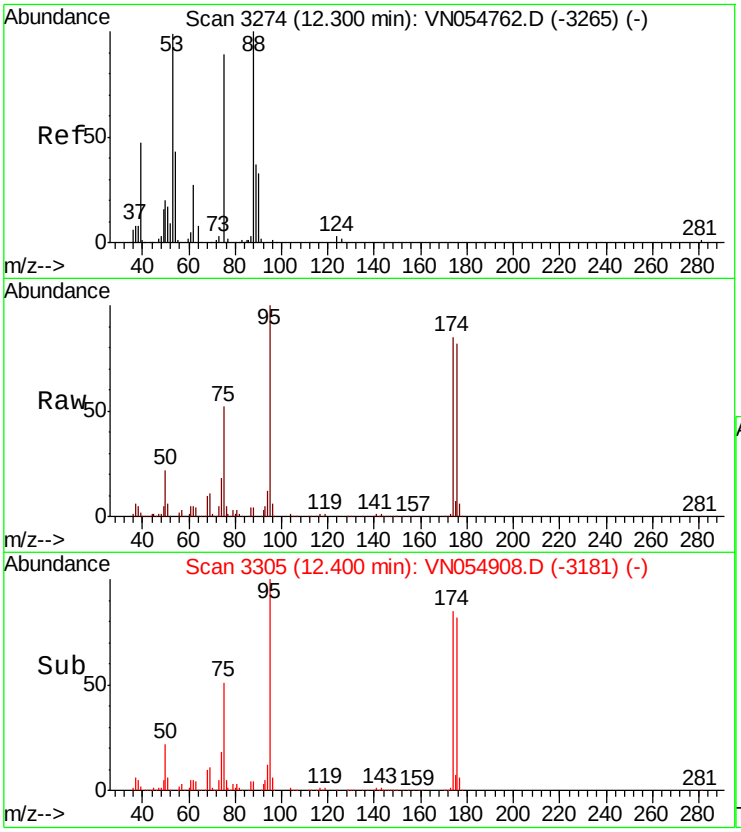


#80
1,3,5-Trimethylbenzene
Concen: 0.361 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:105 Resp: 6606

Ion	Ratio	Lower	Upper
105	100		
120	44.3	25.0	75.0



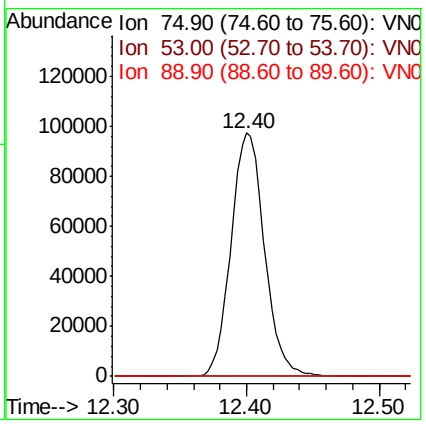


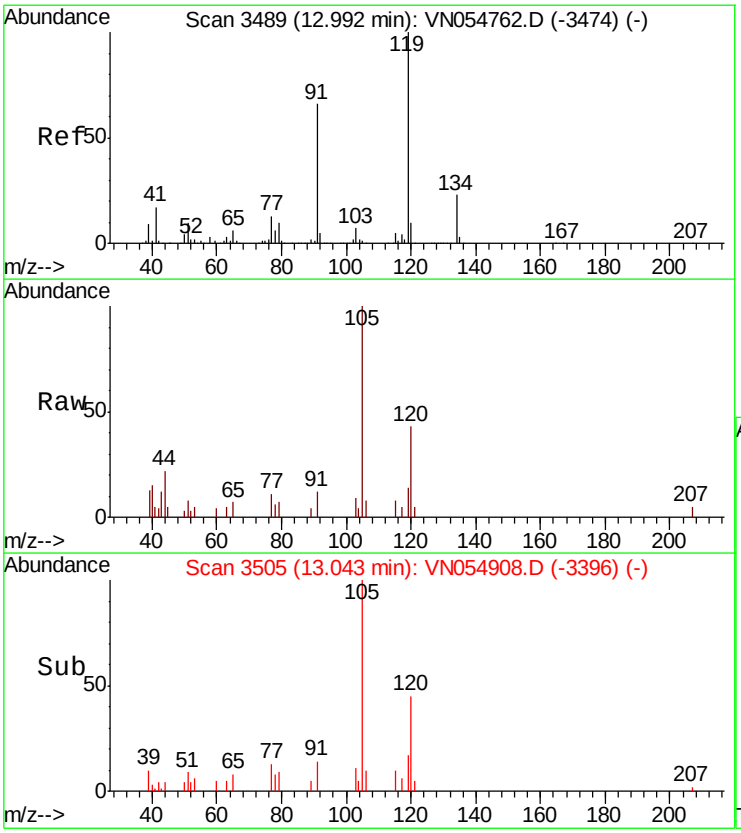
#81
trans-1,4-Dichloro-2-butene
Concen: 139.914 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 170444

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

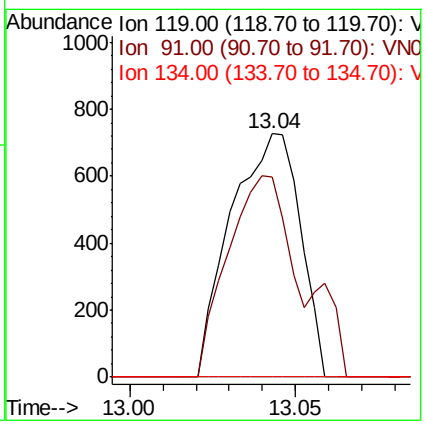


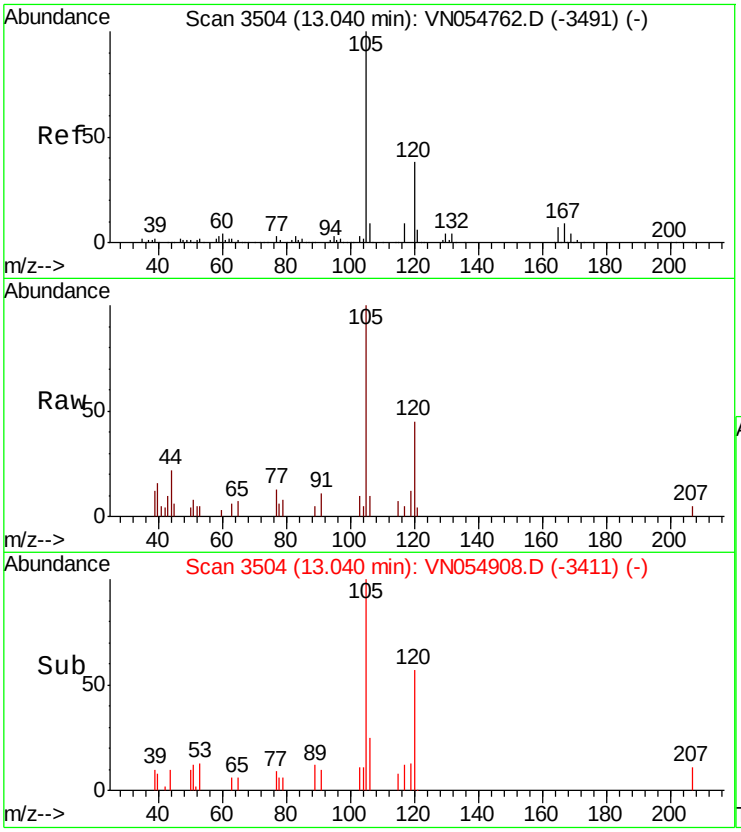


#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.05 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:119 Resp: 1056

Ion	Ratio	Lower	Upper
119	100		
91	74.5	30.9	92.8
134	0.0	13.2	39.6#



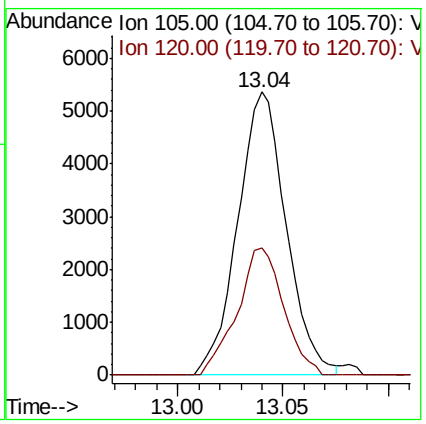


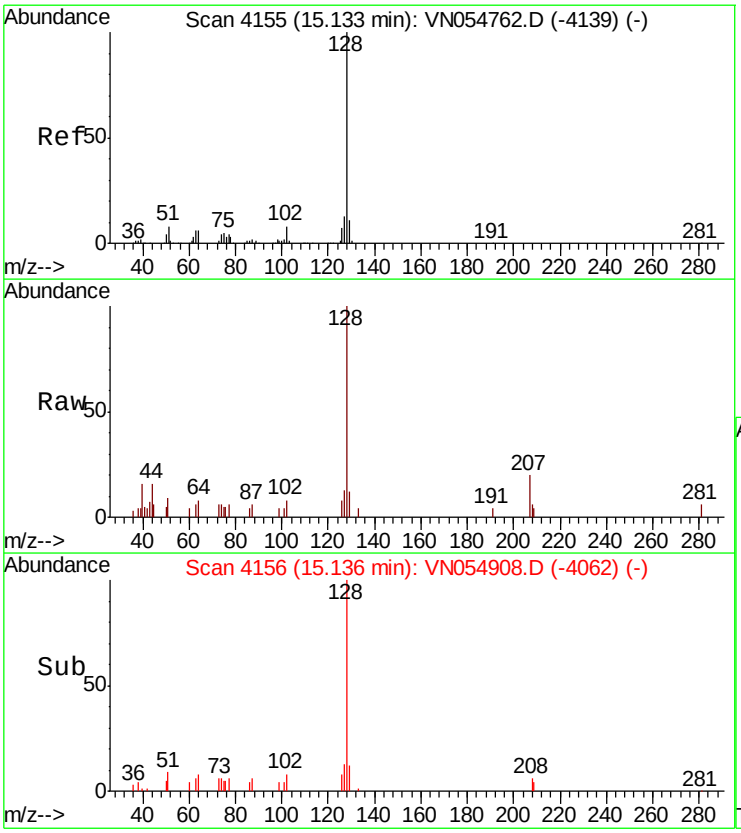
#84
1,2,4-Trimethylbenzene
Concen: 0.491 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 8563

Ion	Ratio	Lower	Upper
105	100		
120	43.1	23.4	70.3





#95
Naphthalene
Concen: 0.810 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054908.D
Acq: 2 Apr 2019 18:02

Tgt Ion:128 Resp: 7958

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.1	15.1
129	12.6	8.7	13.1