Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040219\
Data File : VN054902.D
Acq On : 2 Apr 2019 15:24
Operator : JC/SP
Sample : K2213-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:06:42 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	522178	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872144	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	756425	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265259	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	344240	48.90 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.80%	
35) Dibromofluoromethane	7.59	113	277953	47.80 ug/l	0.00
Spiked Amount 50.000			Recovery =	95.60%	
50) Toluene-d8	10.09	98	1050762	48.61 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.22%	
62) 4-Bromofluorobenzene	12.40	95	322915	44.92 ug/l	0.00
Spiked Amount 50.000			Recovery =	89.84%	
Target Compounds					Qvalue
5) Bromomethane	2.58	94	170	Below Cal	88
13) Acrolein	3.61	56	141	0.430 ug/l #	40
16) Acetone	3.83	43	10324	6.150 ug/l #	72
18) Methyl Acetate	4.34	43	1050	Below Cal #	81
20) Methylene Chloride	4.55	84	12598	2.128 ug/l #	88
25) 2-Butanone	6.86	43	1667	0.672 ug/l #	46
29) Tetrahydrofuran	7.21	42	766	0.444 ug/l #	53
31) Cyclohexane	7.66	56	11504	Below Cal #	18
36) 1,1-Dichloropropene	7.67	75	38634	4.754 ug/l #	48
38) Carbon Tetrachloride	7.66	117	49374	6.255 ug/l #	17
43) Isopropyl Acetate	8.17	43	15010	1.550 ug/l #	94
48) Methyl methacrylate	9.18	41	8088	1.541 ug/l #	11
49) 1,4-Dioxane	9.27	88	234	4.493 ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	8147	1.496 ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	50706	5.821 ug/l #	76
57) 1,3-Dichloropropane	10.77	76	9626	1.088 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.44	63	73	10.379 ug/l #	44
59) 2-Hexanone	10.77	43	158953	45.608 ug/l #	47
74) N-amyl acetate	11.88	43	14783	2.189 ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	98	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	167322	36.310 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	167322	141.236 ug/l #	11
83) tert-Butylbenzene	12.73	119	161	Below Cal #	45

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040219\
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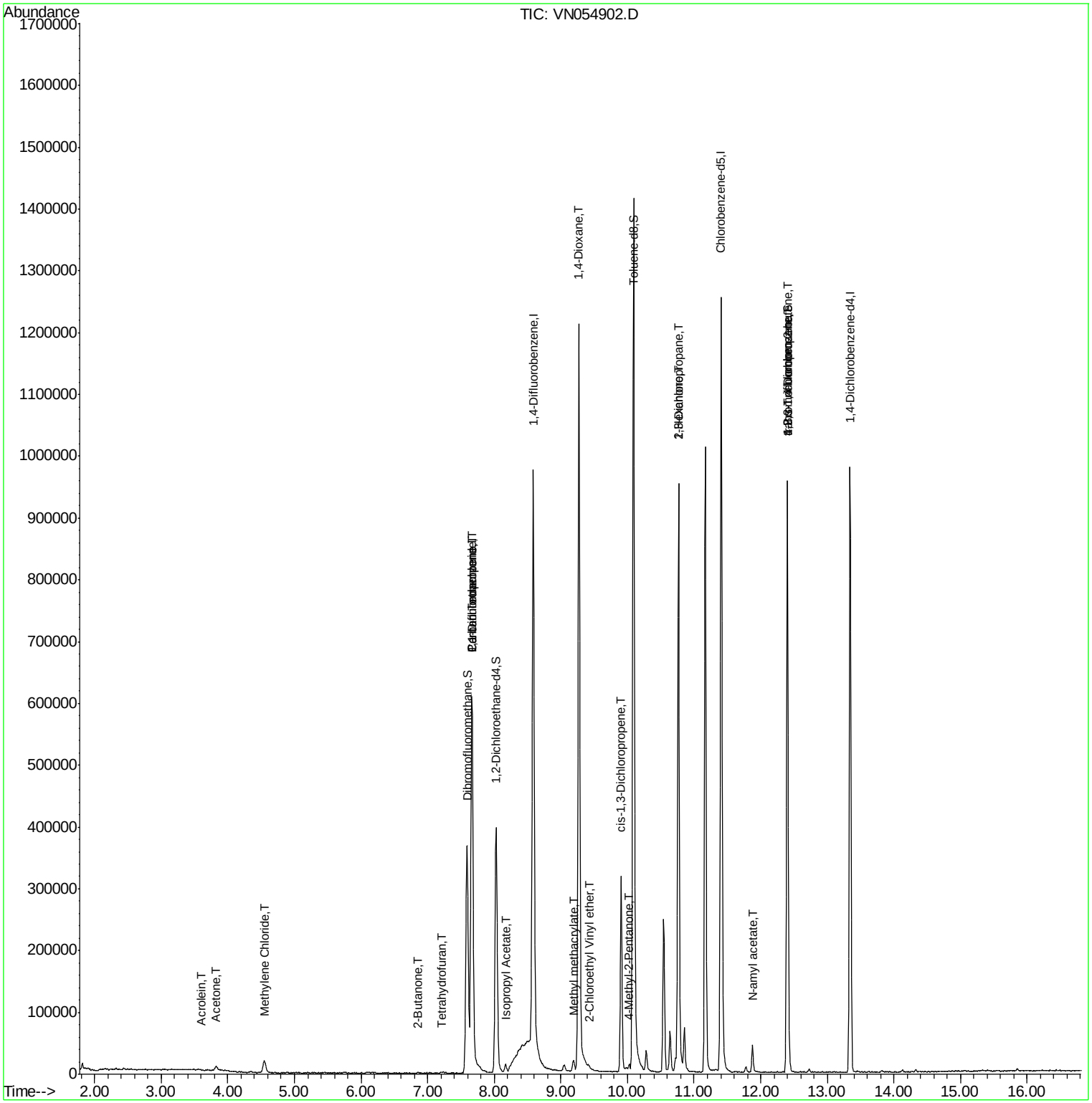
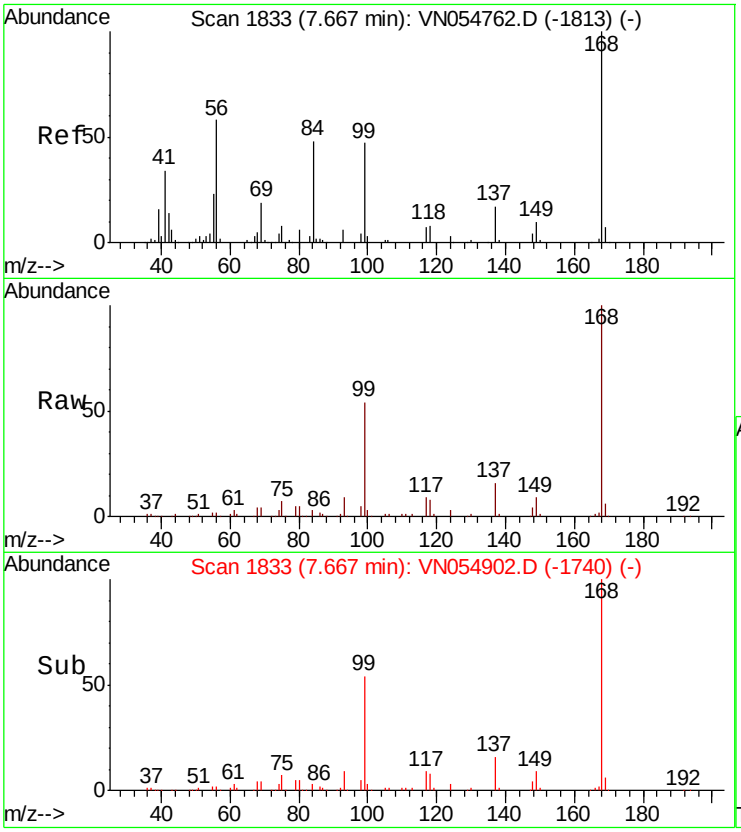
Sample : K2213-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:06:42 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

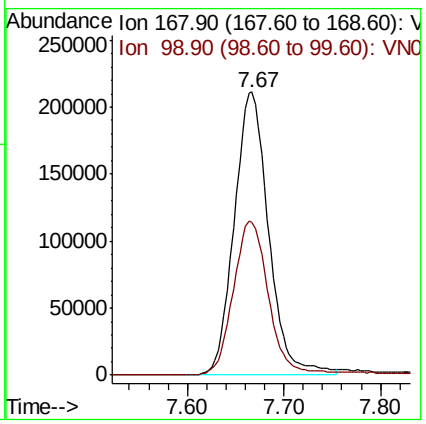




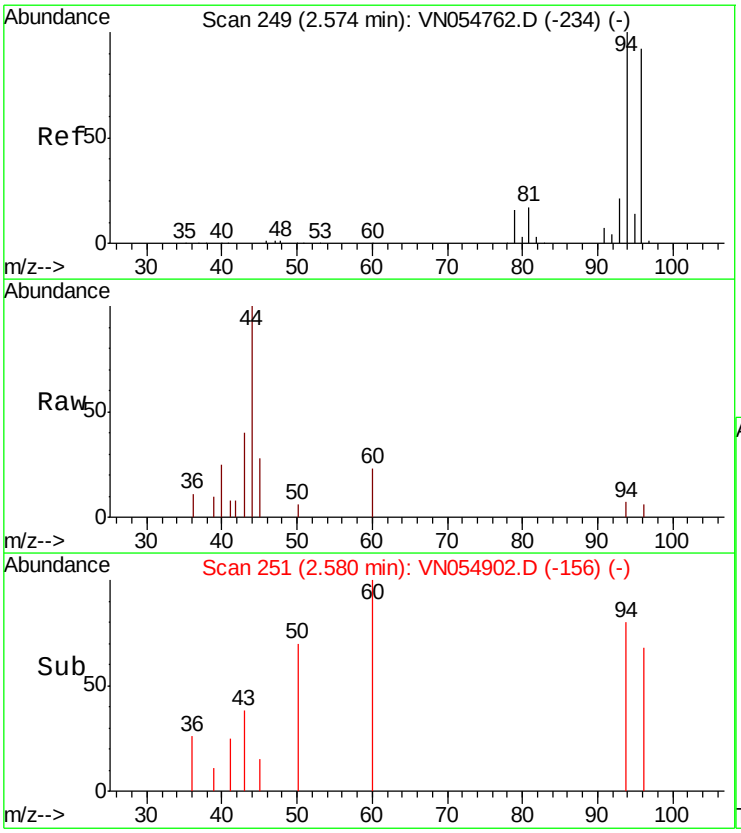
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion:168 Resp: 522178

Ion	Ratio	Lower	Upper
168	100		
99	54.1	37.1	55.7



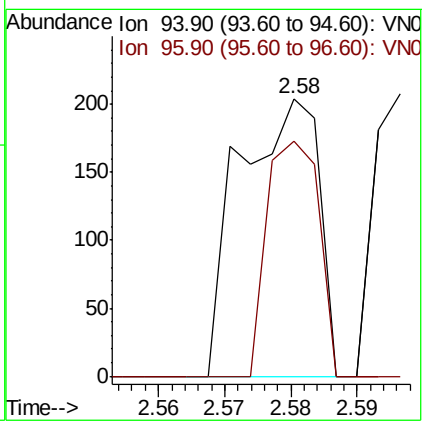
Instrument :
MSVOA_N
ClientSampleId :

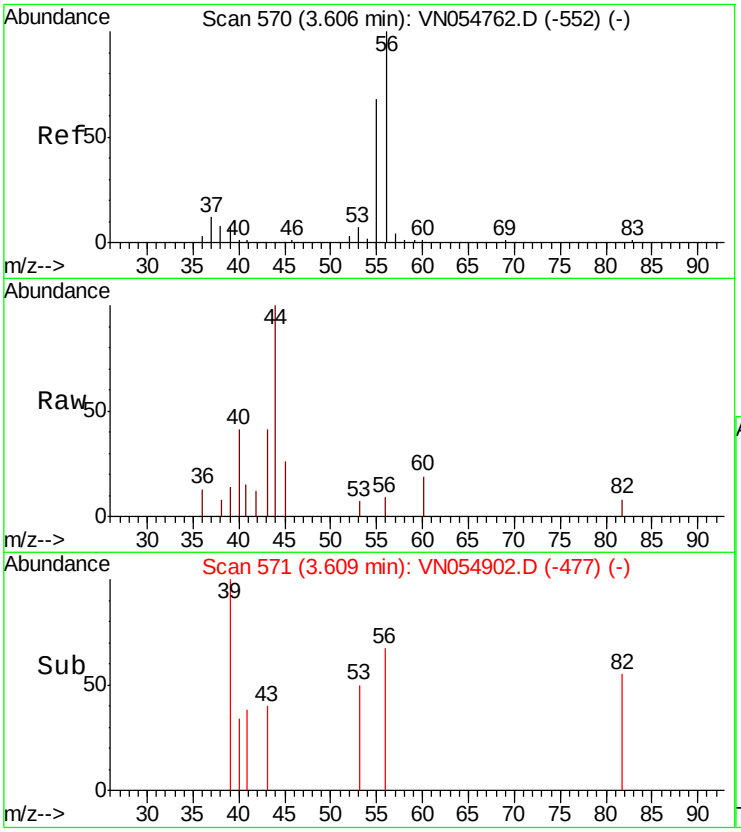


#5
Bromomethane
Concen: Below Cal
RT: 2.58 min Scan# 251
Delta R.T. 0.01 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 94 Resp: 170

Ion	Ratio	Lower	Upper
94	100		
96	84.8	77.0	115.4



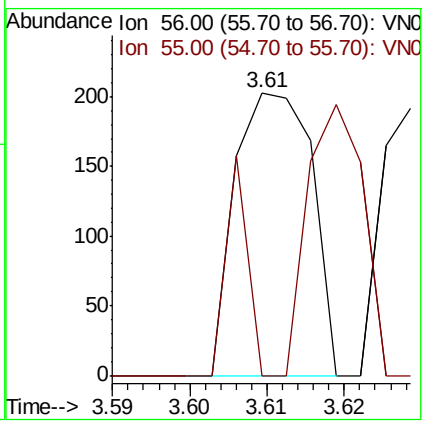


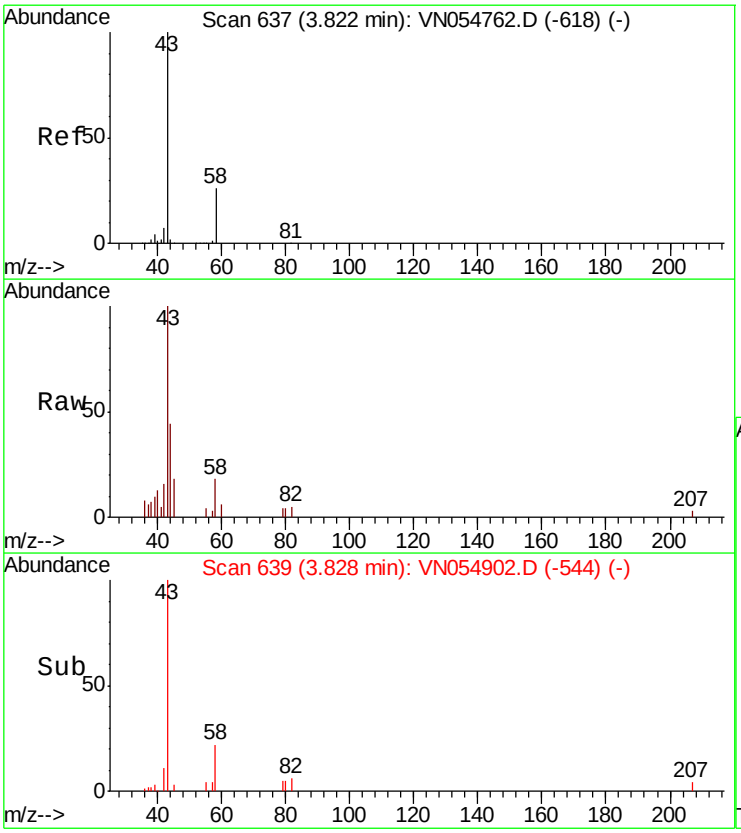
#13
Acrolein
Concen: 0.430 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 141

Ion	Ratio	Lower	Upper
56	100		
55	21.3	56.7	85.1#

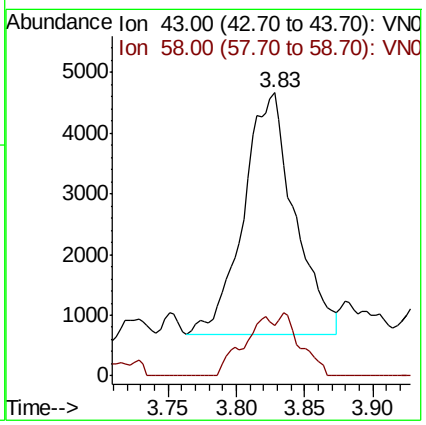


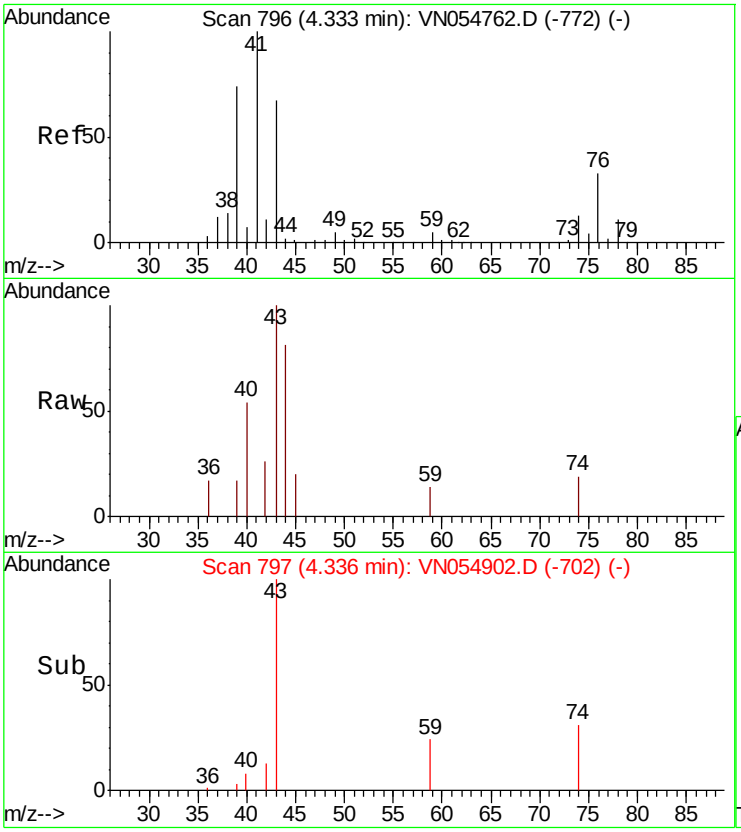


#16
Acetone
Concen: 6.150 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 43 Resp: 10324

Ion	Ratio	Lower	Upper
43	100		
58	20.8	29.9	44.9#



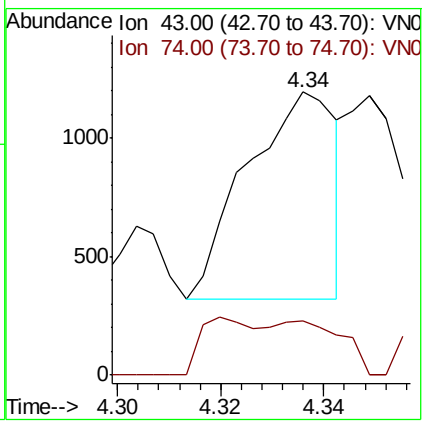


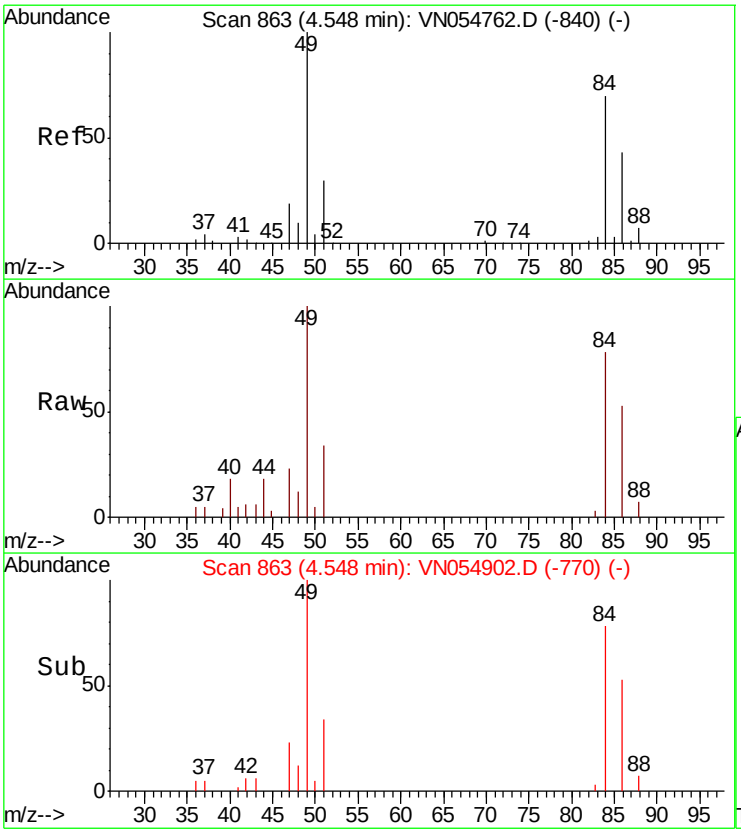
#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1050

Ion	Ratio	Lower	Upper
43	100		
74	16.2	20.8	31.2#

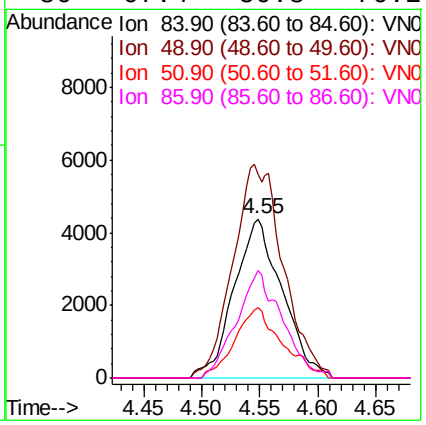


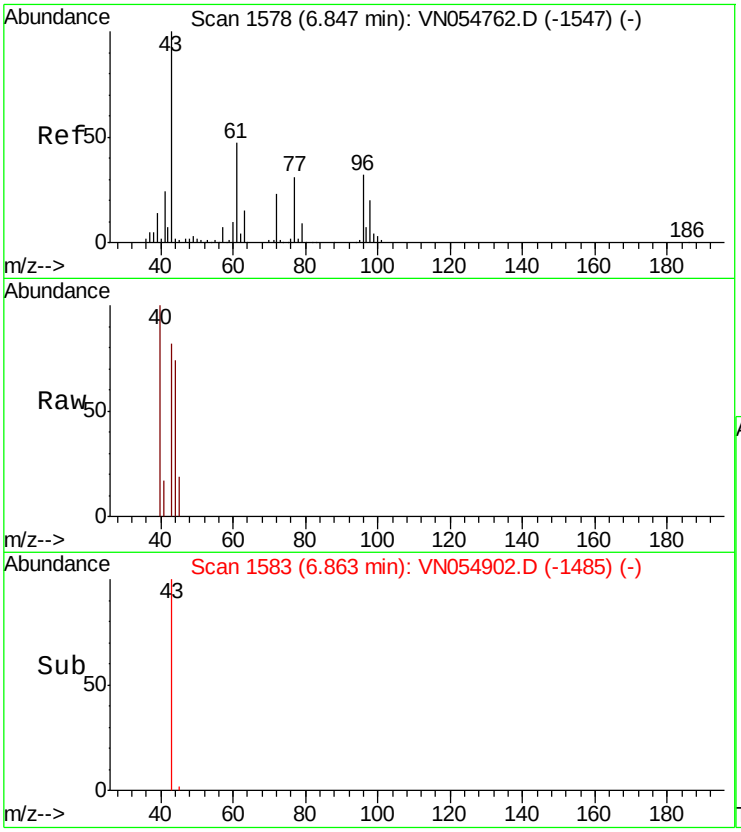


#20
Methylene Chloride
Concen: 2.128 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 84 Resp: 12598

Ion	Ratio	Lower	Upper
84	100		
49	128.1	89.7	134.5
51	44.1	28.2	42.4#
86	67.4	50.8	76.2



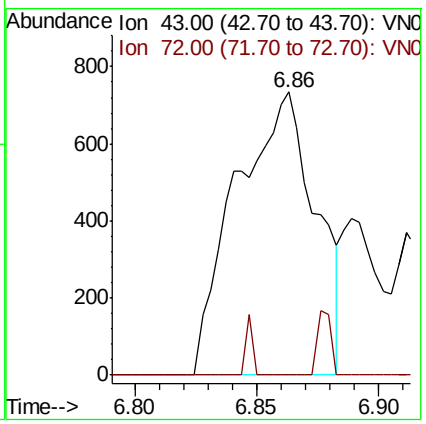


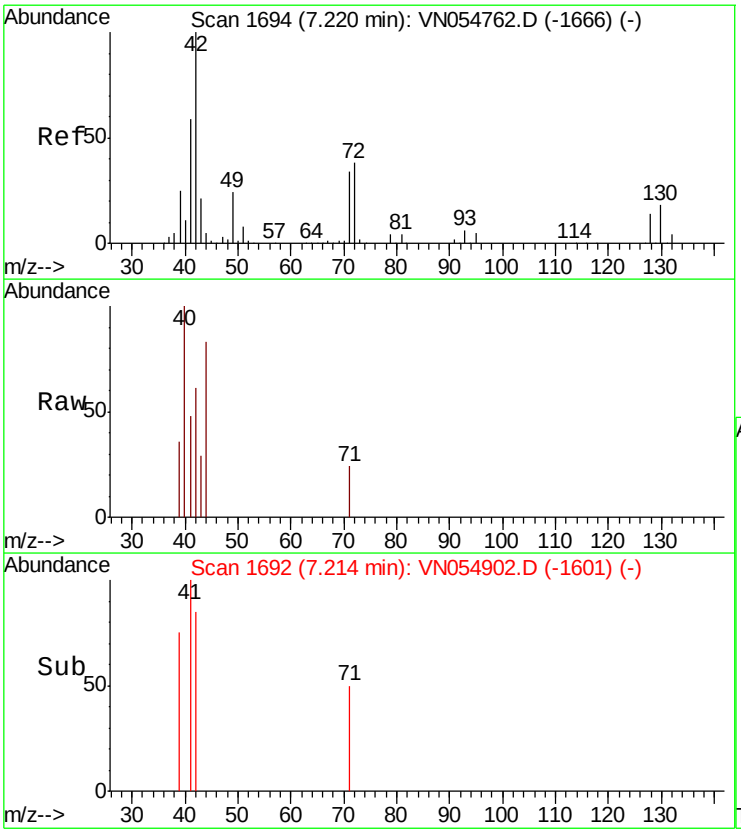
#25
2-Butanone
Concen: 0.672 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1667

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

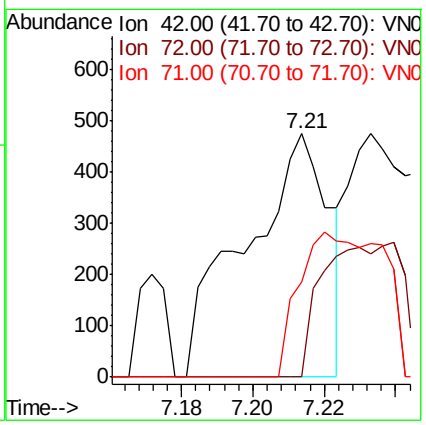


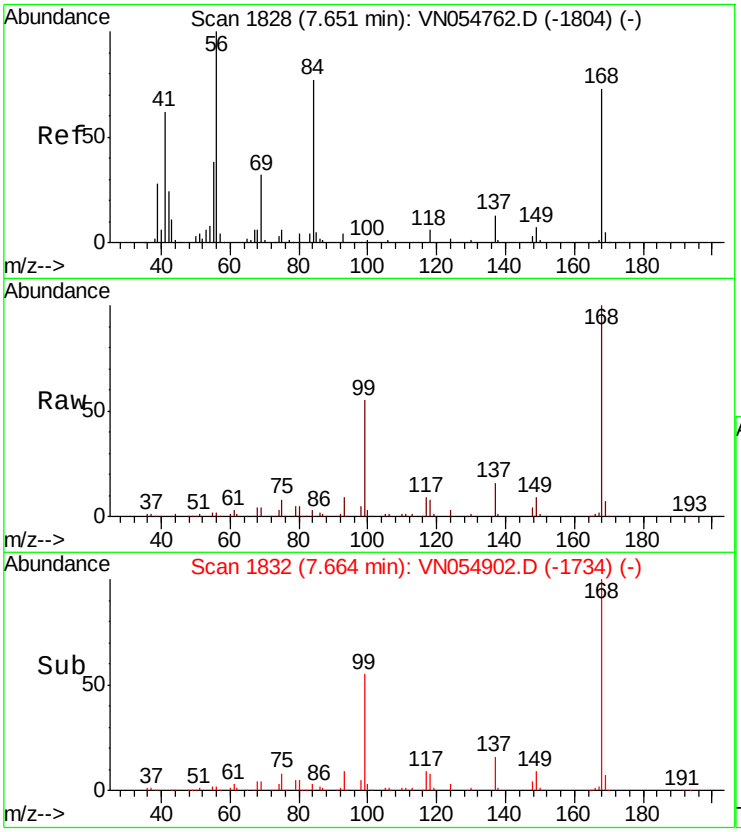


#29
Tetrahydrofuran
Concen: 0.444 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 42 Resp: 766

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	60.2	36.2	54.2#



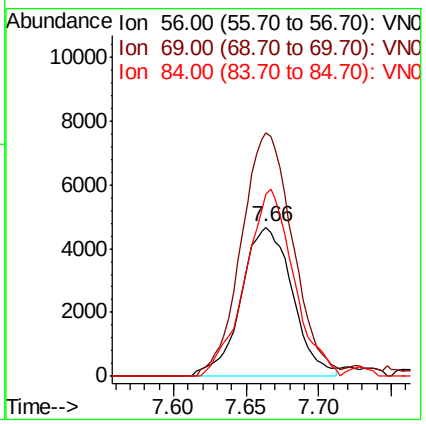


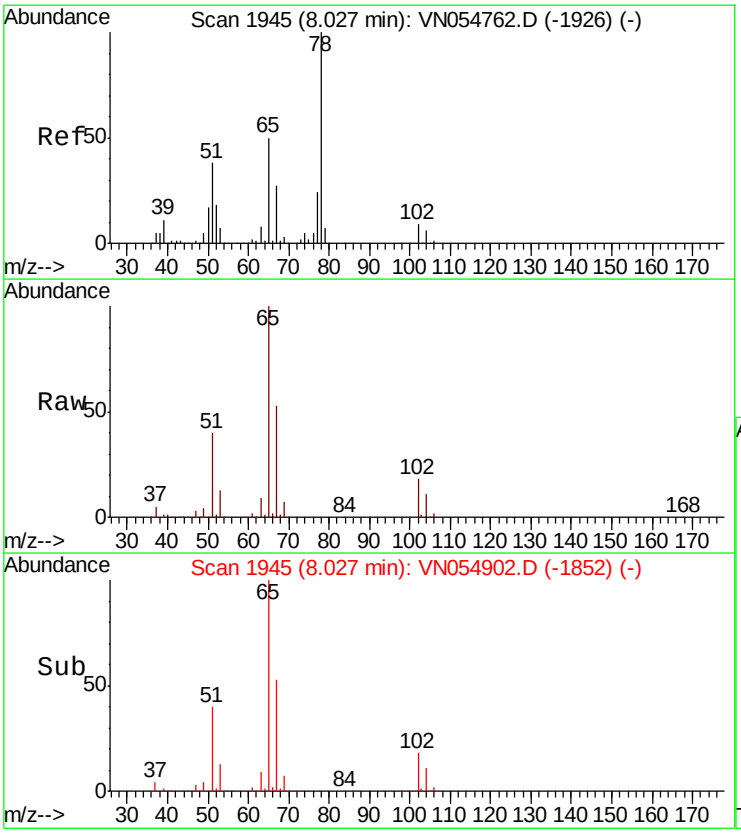
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 11504

Ion	Ratio	Lower	Upper
56	100		
69	162.8	27.8	41.6#
84	121.9	74.6	111.8#

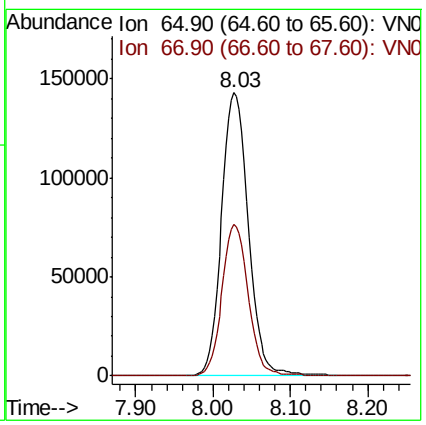


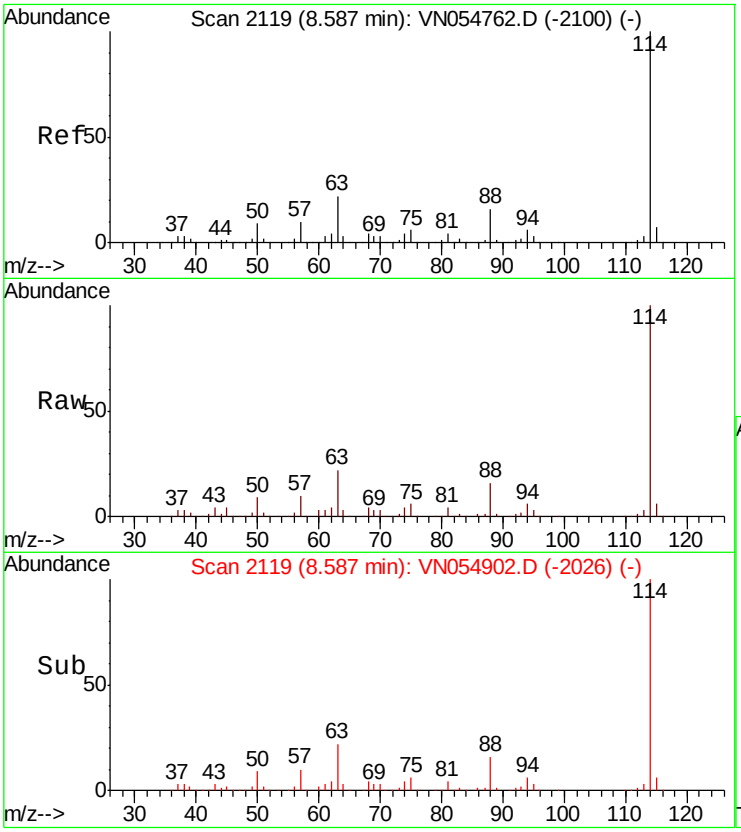


#33
1,2-Dichloroethane-d4
Concen: 48.904 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 65 Resp: 344240

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



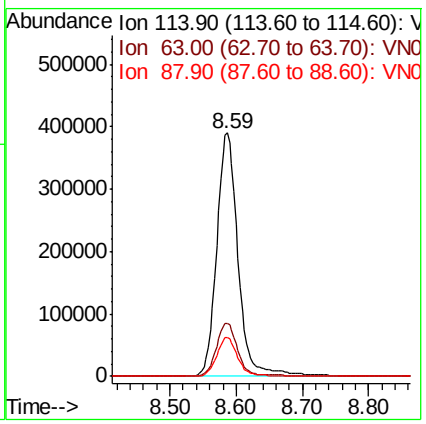


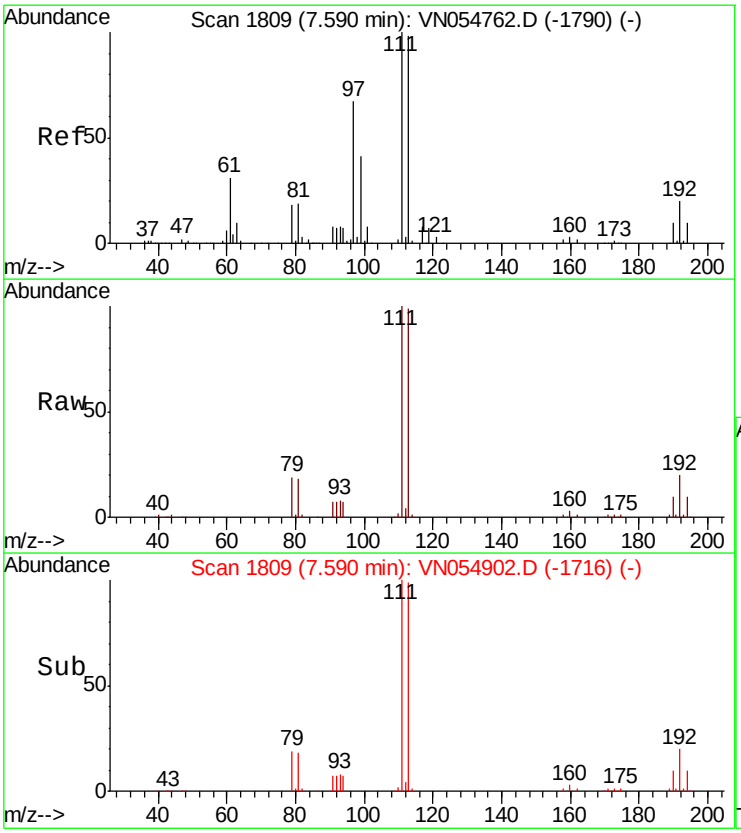
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 872144

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	15.9	0.0	30.2

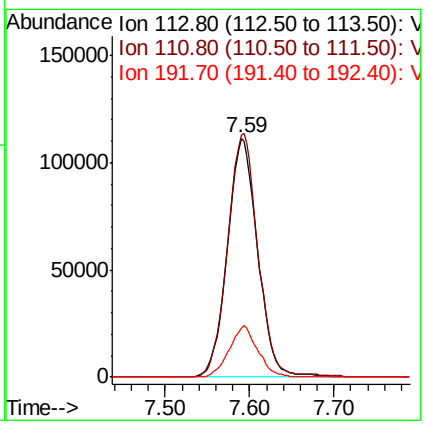


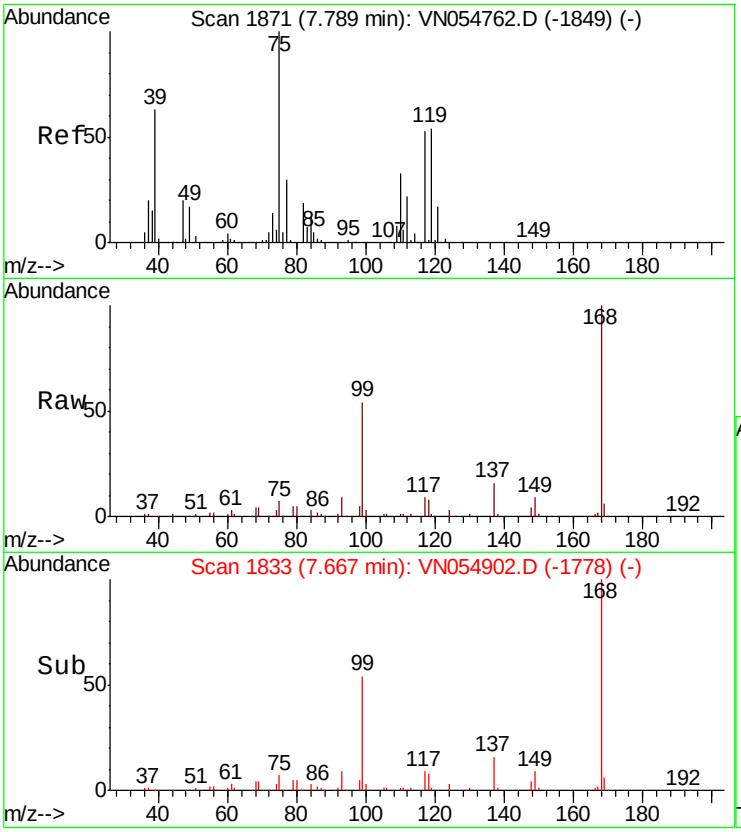


#35
Dibromofluoromethane
Concen: 47.803 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion:113 Resp: 277953

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	20.2	19.2	28.8



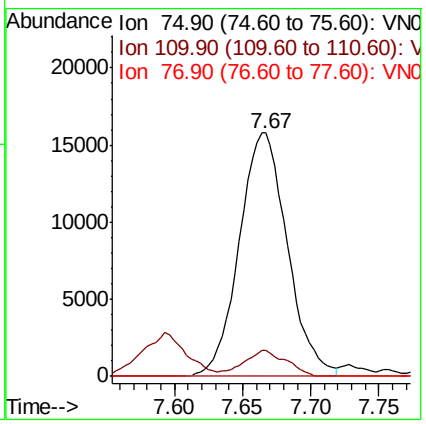


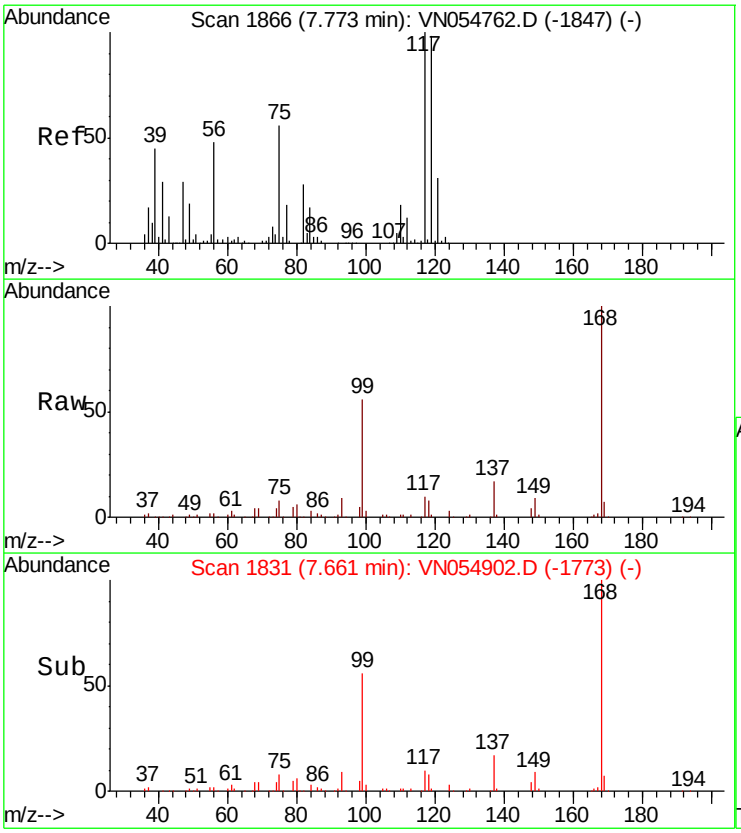
#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 38634

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	0.0	25.0	37.4#

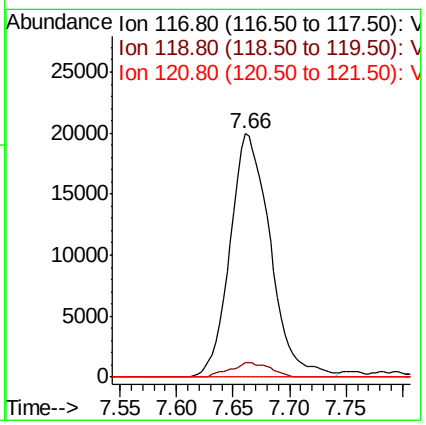


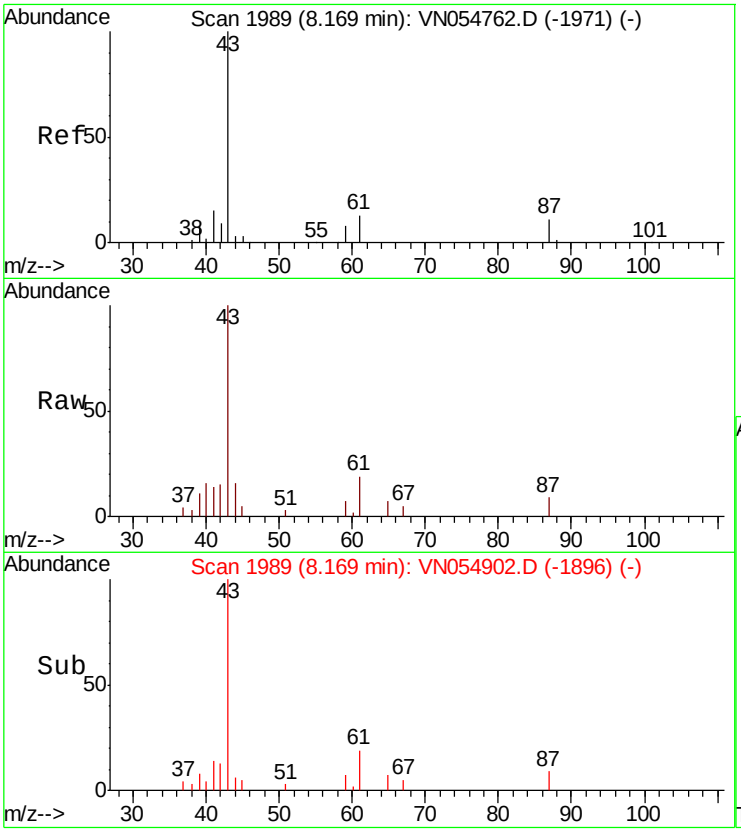


#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion:117 Resp: 49374

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.3	114.5#
121	0.0	24.6	36.8#



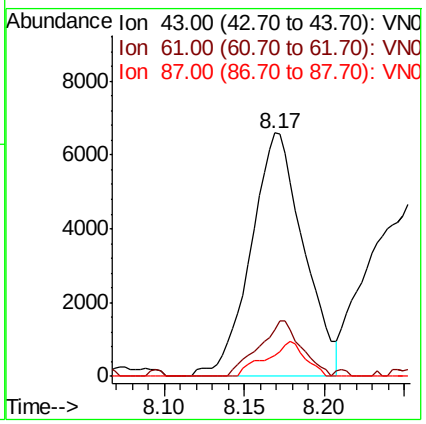


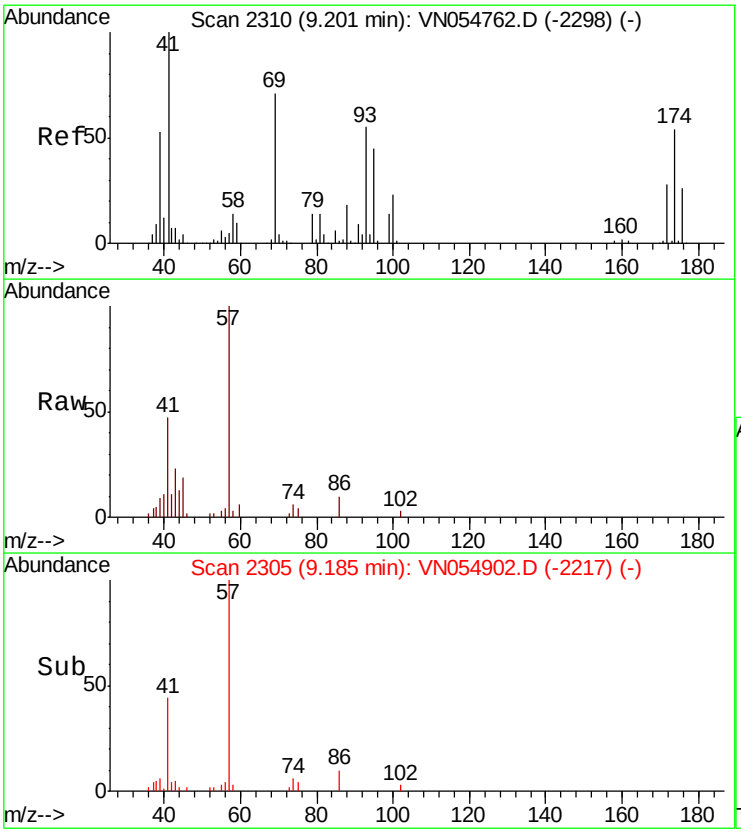
#43
Isopropyl Acetate
Concen: 1.550 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15010

Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.8	23.8
87	10.6	12.0	18.0#

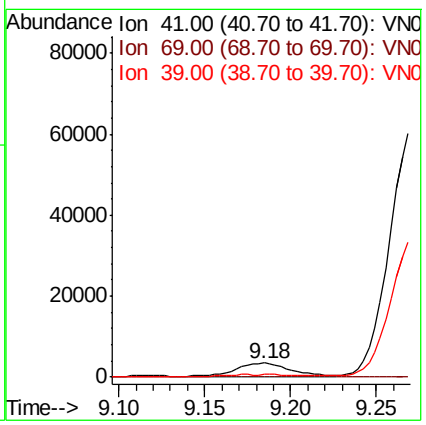


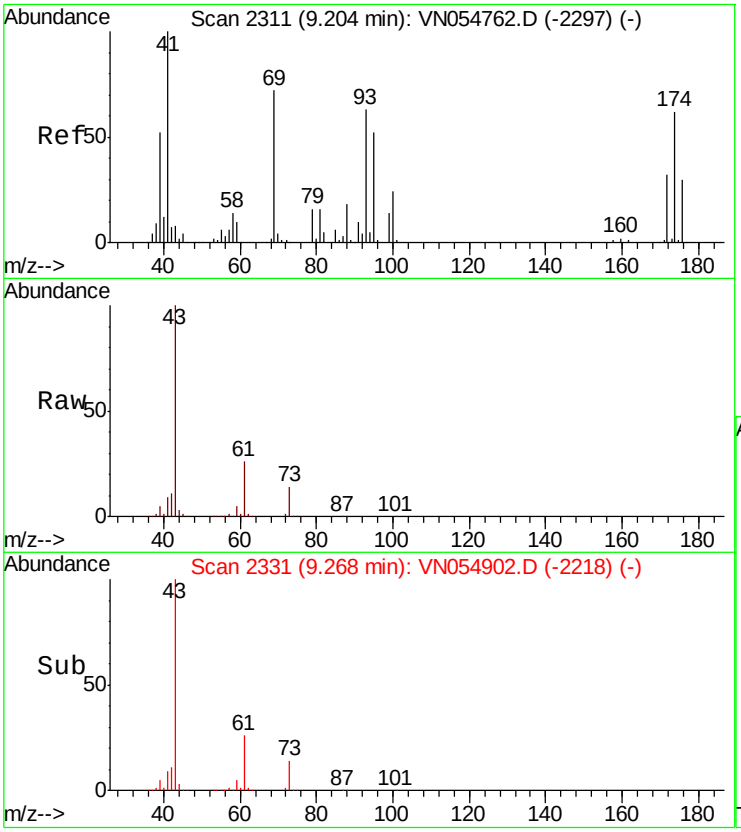


#48
Methyl methacrylate
Concen: 1.541 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 41 Resp: 8088

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



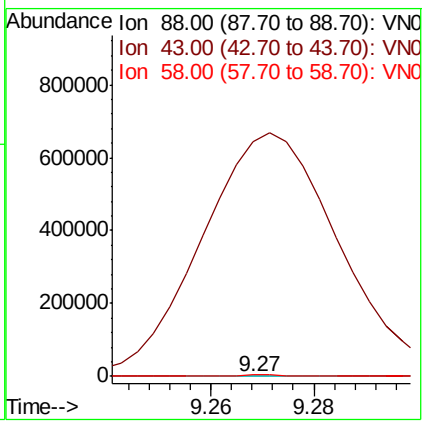


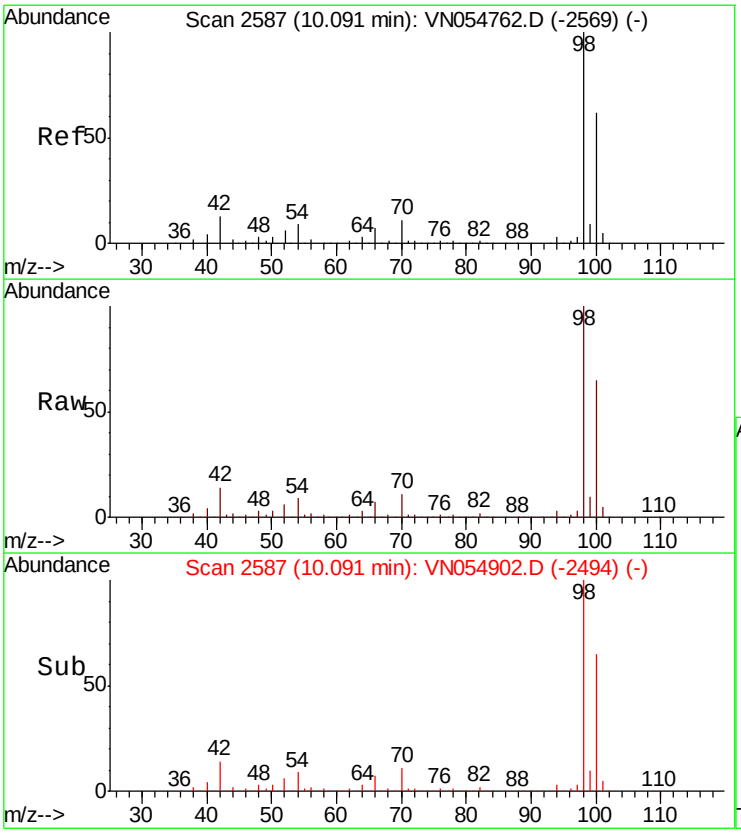
#49
1,4-Dioxane
Concen: 4.493 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 234

Ion	Ratio	Lower	Upper
88	100		
43	561498.7	24.1	36.1#
58	2320.1	50.8	76.2#

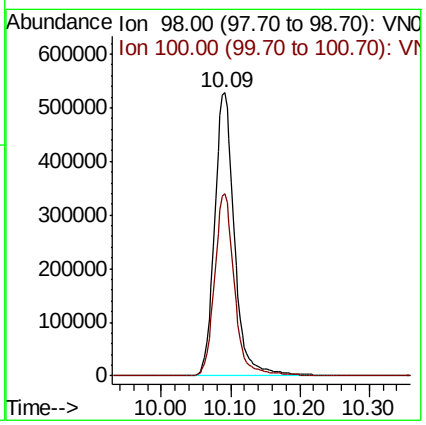


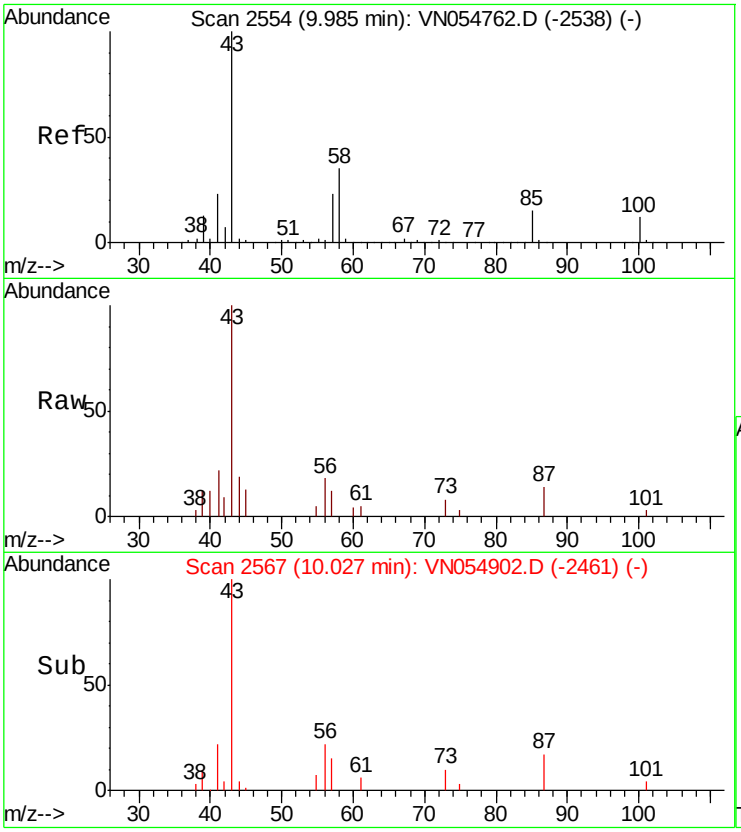


#50
Toluene-d8
Concen: 48.608 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 98 Resp: 1050762

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



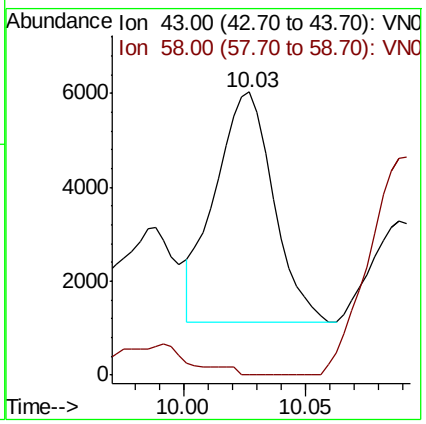


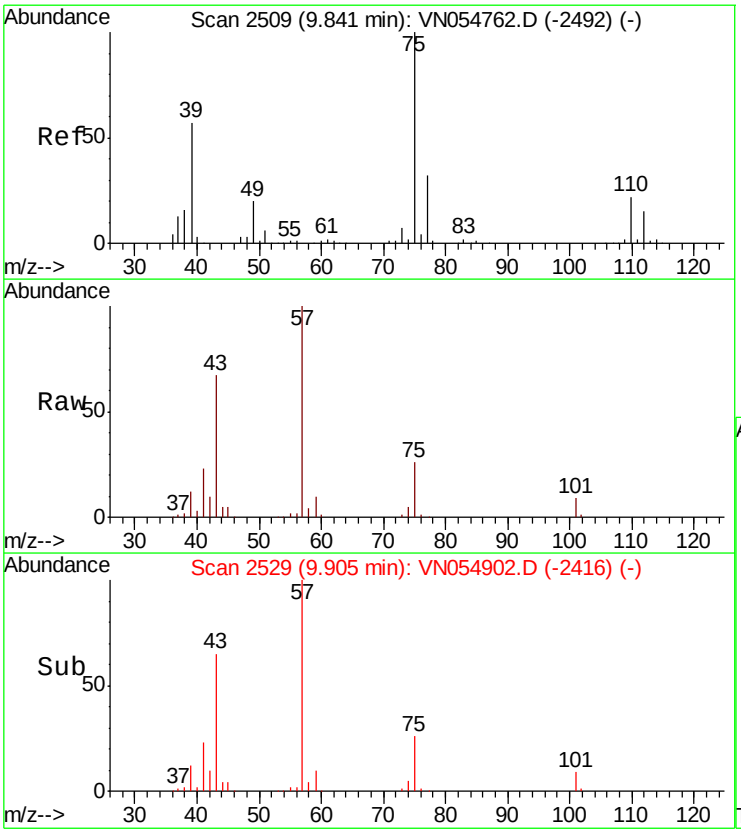
#51
4-Methyl-2-Pentanone
Concen: 1.496 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 8147

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#

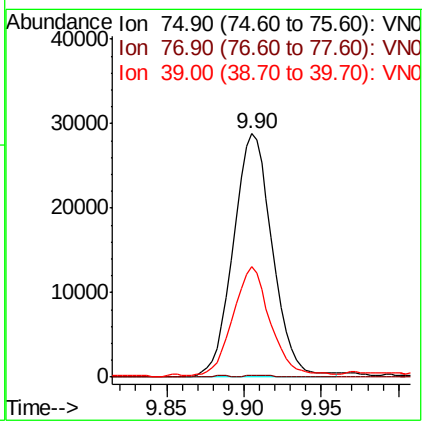


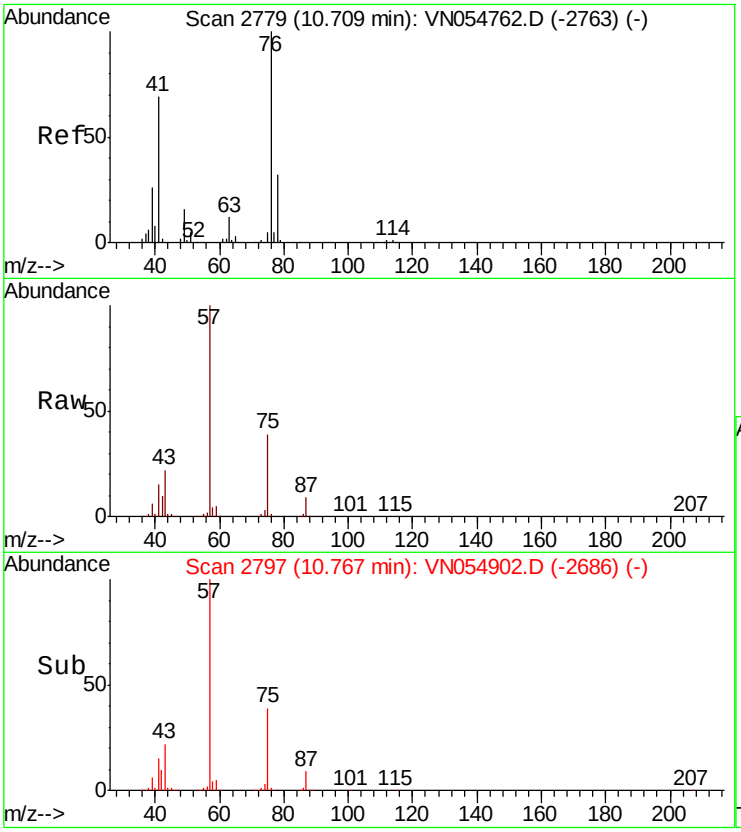


#54
cis-1,3-Dichloropropene
Concen: 5.821 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 75 Resp: 50706

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.4	38.0#
39	44.7	37.2	55.8



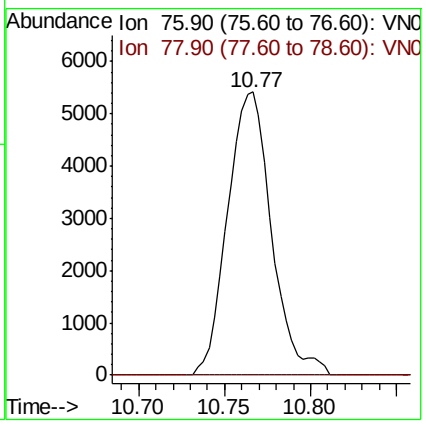


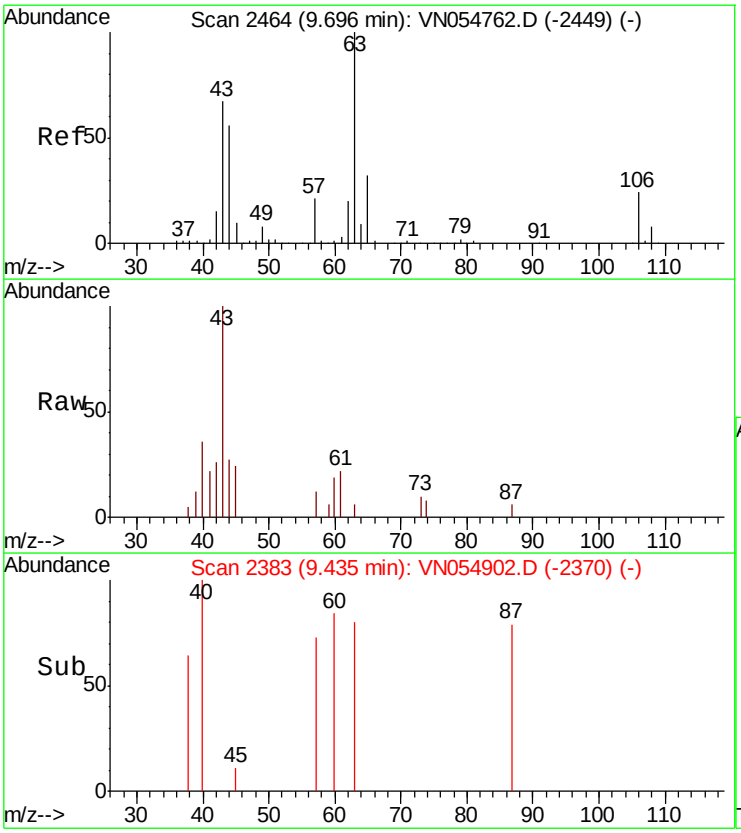
#57
1,3-Dichloropropane
Concen: 1.088 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 9626

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

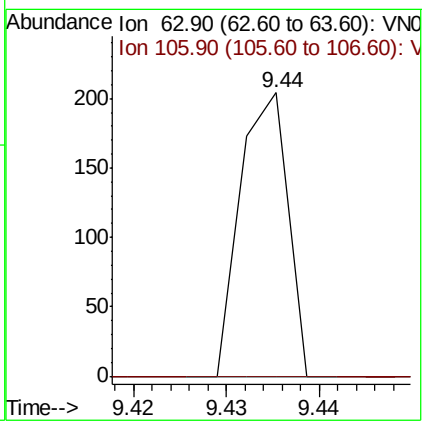


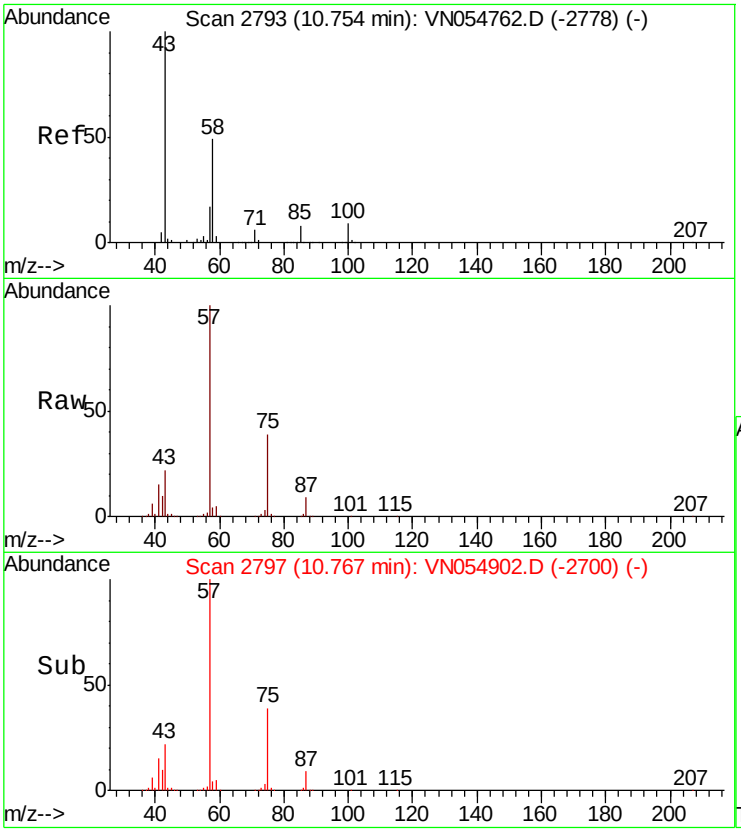


#58
2-Chloroethyl Vinyl ether
Concen: 10.379 ug/l
RT: 9.44 min Scan# 2383
Delta R.T. -0.26 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 63 Resp: 73

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#



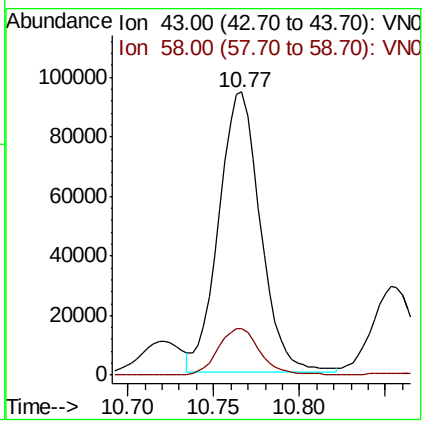


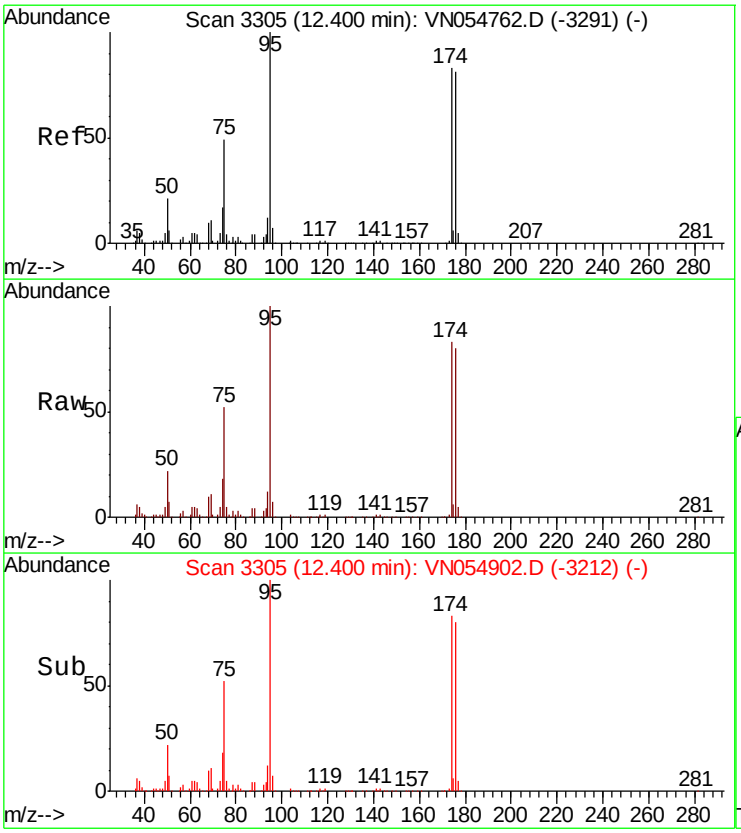
#59
2-Hexanone
Concen: 45.608 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 158953

Ion	Ratio	Lower	Upper
43	100		
58	16.9	28.0	83.9#

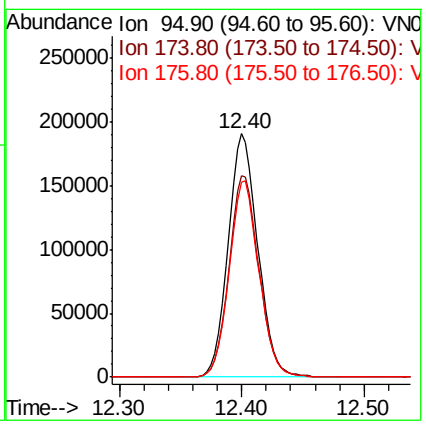


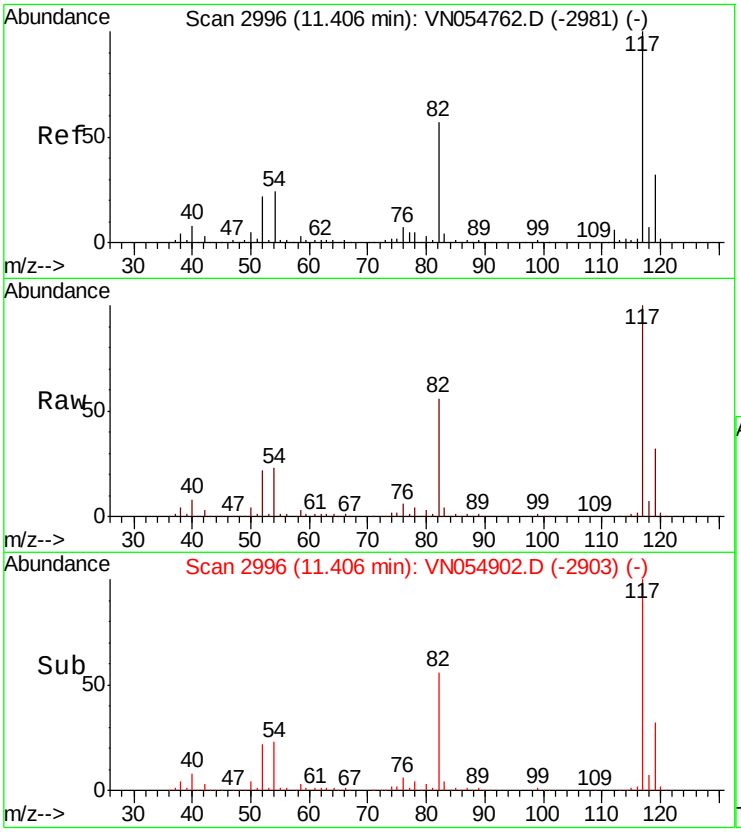


#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 95 Resp: 322915

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	191.0
176	80.9	0.0	187.4



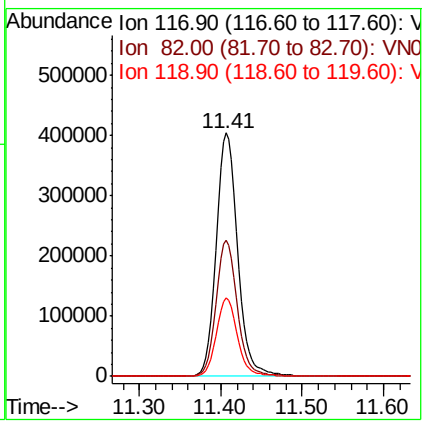


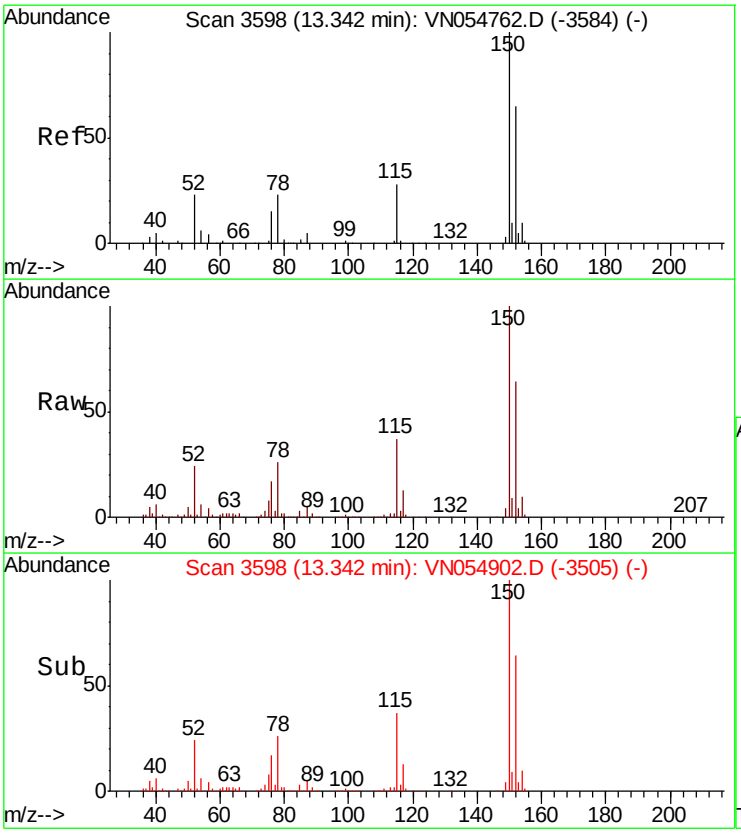
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 756425

Ion	Ratio	Lower	Upper
117	100		
82	55.8	40.0	60.0
119	32.4	25.8	38.6

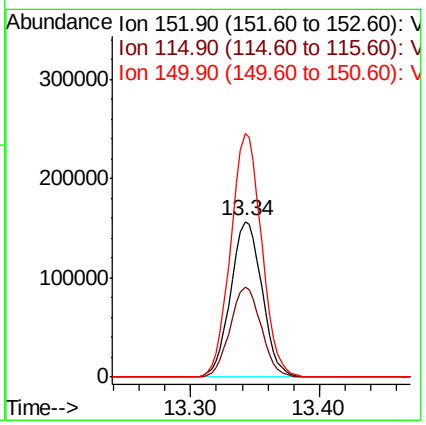


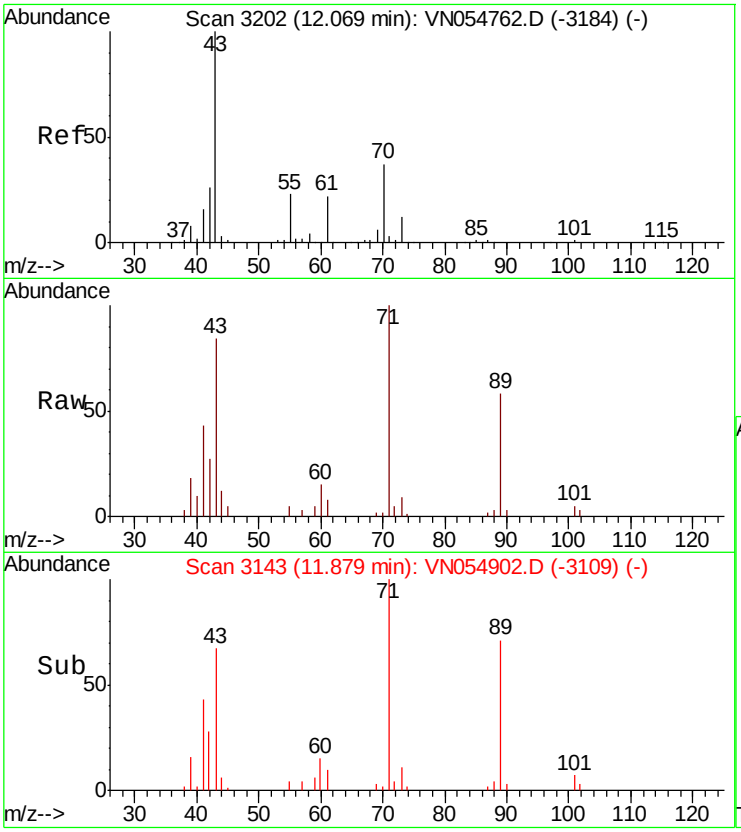


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion:152 Resp: 265259

Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.2	81.6
150	154.5	0.0	349.2



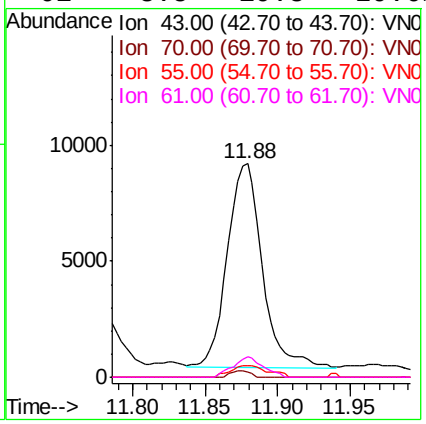


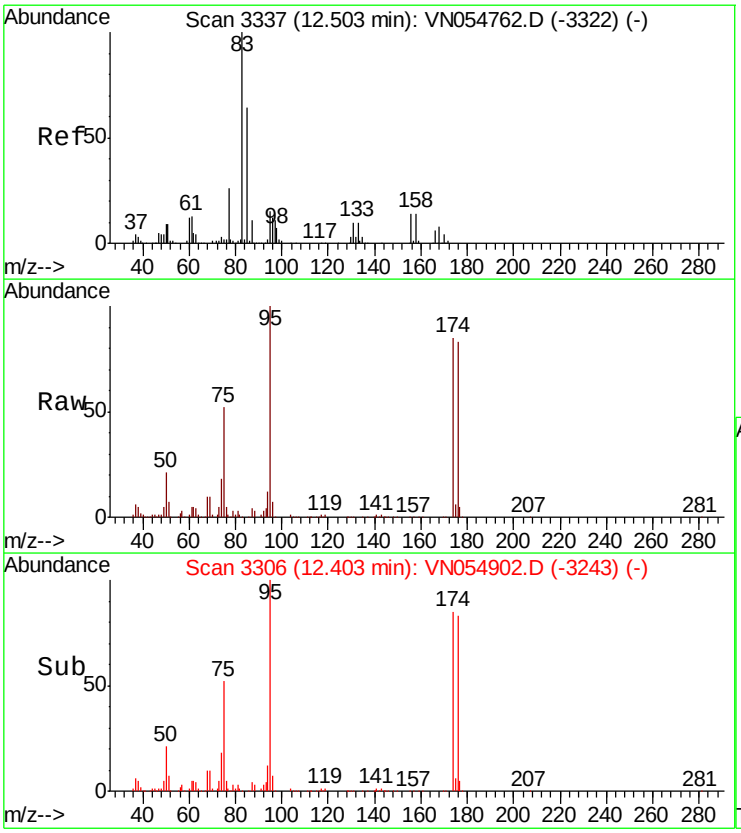
#74
N-amyl acetate
Concen: 2.189 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 14783

Ion	Ratio	Lower	Upper
43	100		
70	1.7	35.4	53.0#
55	5.2	19.8	29.6#
61	8.5	19.8	29.6#

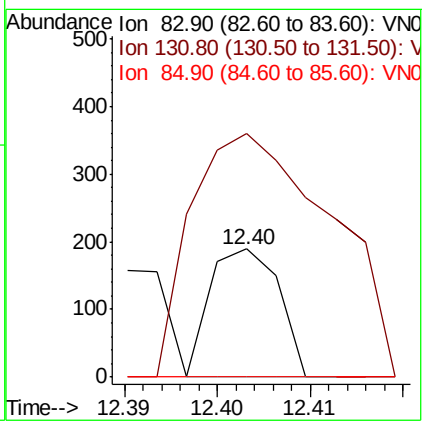


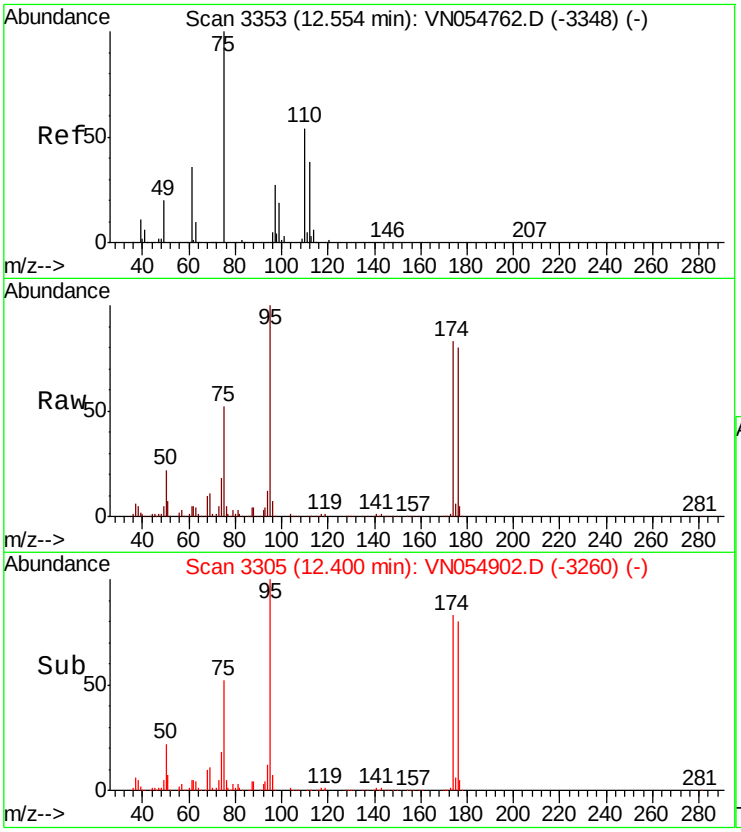


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3306
Delta R.T. -0.10 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 83 Resp: 98

Ion	Ratio	Lower	Upper
83	100		
131	384.7	5.8	17.4#
85	0.0	32.2	96.6#



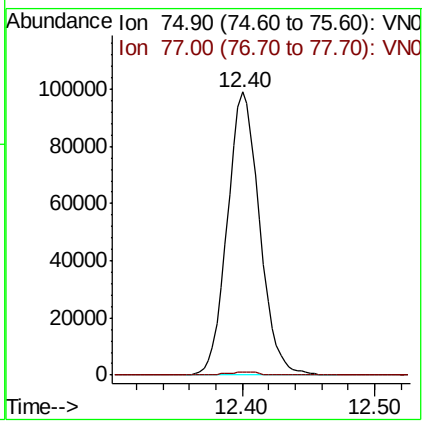


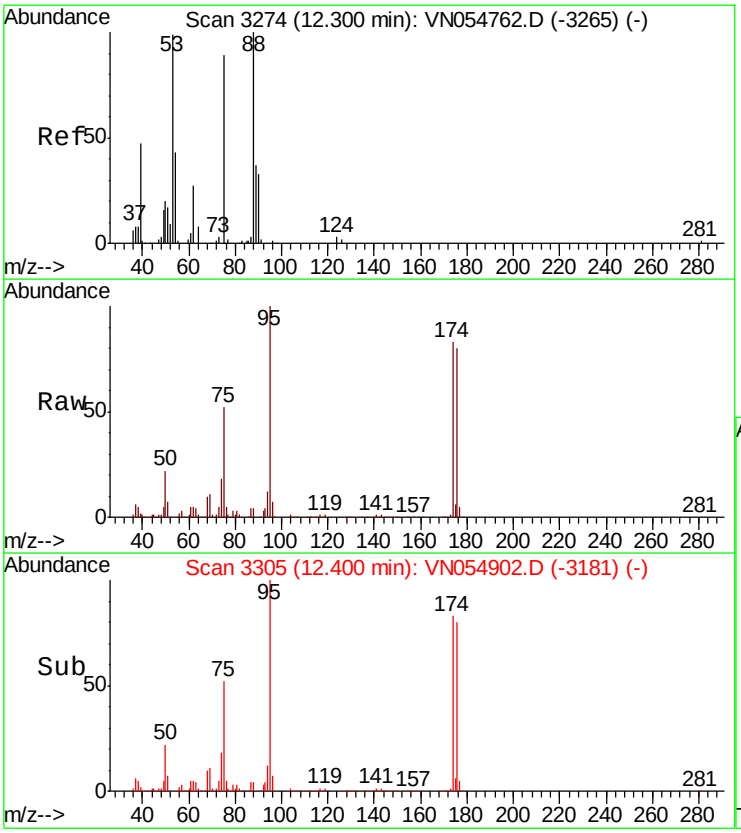
#76
1,2,3-Trichloropropane
Concen: 36.310 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 167322

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

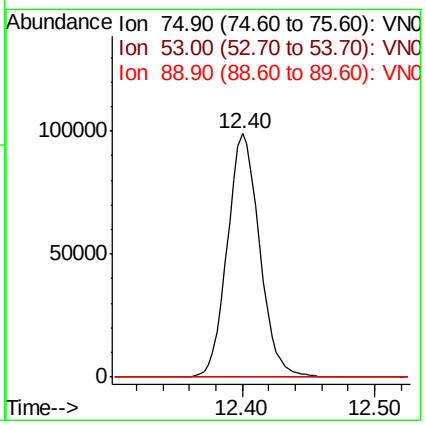


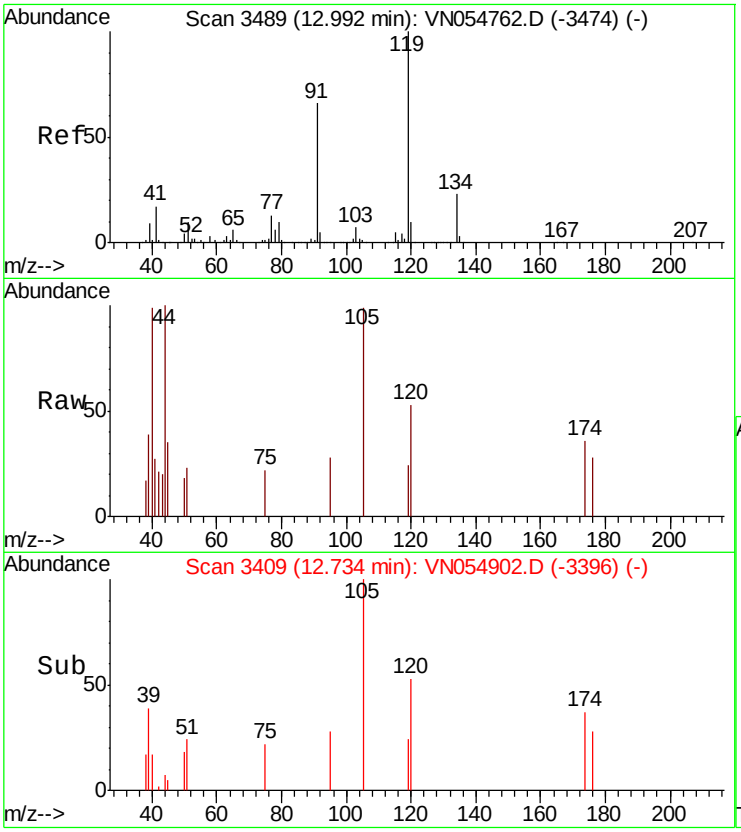


#81
trans-1,4-Dichloro-2-butene
Concen: 141.236 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Tgt Ion: 75 Resp: 167322

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: 12.73 min Scan# 3409
Delta R.T. -0.26 min
Lab File: VN054902.D
Acq: 2 Apr 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 161

Ion	Ratio	Lower	Upper
119	100		
91	18.6	30.9	92.8#
134	0.0	13.2	39.6#