Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054227.D
Acq On : 13 Mar 2019 22:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:22:12 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	1399710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2137109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1905685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	945495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	742914	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
35) Dibromofluoromethane	7.59	113	681573	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
50) Toluene-d8	10.09	98	2488570	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
62) 4-Bromofluorobenzene	12.40	95	886427	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	691802	52.150	ug/l	99
3) Chloromethane	2.06	50	603297	46.818	ug/l	100
4) Vinyl Chloride	2.19	62	723507	49.124	ug/l	99
5) Bromomethane	2.57	94	432177	42.368	ug/l	97
6) Chloroethane	2.71	64	428156	48.047	ug/l	99
7) Trichlorofluoromethane	3.02	101	957361	48.891	ug/l	100
8) Diethyl Ether	3.41	74	479255	53.708	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	781165	53.235	ug/l	100
10) Methyl Iodide	3.94	142	820879	39.709	ug/l	99
11) Tert butyl alcohol	4.81	59	232771	228.418	ug/l	97
12) 1,1-Dichloroethene	3.73	96	768773	52.868	ug/l	100
13) Acrolein	3.61	56	200631	207.769	ug/l	99
14) Allyl chloride	4.32	41	931211	49.912	ug/l	99
15) Acrylonitrile	4.99	53	1078957	257.755	ug/l	99
16) Acetone	3.82	43	840786	197.545	ug/l	98
17) Carbon Disulfide	4.04	76	1730813	47.481	ug/l	99
18) Methyl Acetate	4.33	43	477354	55.435	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1883160	52.246	ug/l	99
20) Methylene Chloride	4.55	84	722040	51.665	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	716802	51.448	ug/l	98
22) Diisopropyl ether	5.96	45	1971645	52.949	ug/l	98
23) Vinyl Acetate	5.90	43	7179251	261.495	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1243503	52.010	ug/l	99
25) 2-Butanone	6.85	43	1253596	250.948	ug/l	100
26) 2,2-Dichloropropane	6.82	77	929630	44.215	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	832600	53.566	ug/l	98
28) Bromochloromethane	7.19	49	509303	52.107	ug/l	99
29) Tetrahydrofuran	7.22	42	820679	255.513	ug/l	100
30) Chloroform	7.37	83	1325437	53.126	ug/l	99
31) Cyclohexane	7.65	56	1124235	50.303	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1169503	51.904	ug/l	100
36) 1,1-Dichloropropene	7.79	75	997278	50.672	ug/l	99
37) Ethyl Acetate	6.94	43	561229	49.629	ug/l	99
38) Carbon Tetrachloride	7.77	117	1021632	49.500	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054227.D
Acq On : 13 Mar 2019 22:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:22:12 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)
39) Methylcyclohexane	9.08	83	1208716	49.916	ug/l		99
40) Benzene	8.04	78	2922663	51.895	ug/l		99
41) Methacrylonitrile	7.17	41	342259	53.008	ug/l		96
42) 1,2-Dichloroethane	8.13	62	979469	51.513	ug/l		100
43) Isopropyl Acetate	8.17	43	988008	49.775	ug/l		98
44) Trichloroethene	8.84	130	905441	51.753	ug/l		98
45) 1,2-Dichloropropane	9.12	63	733545	52.454	ug/l		100
46) Dibromomethane	9.21	93	490189	51.878	ug/l		99
47) Bromodichloromethane	9.40	83	985404	52.021	ug/l		99
48) Methyl methacrylate	9.20	41	508728	50.503	ug/l		95
49) 1,4-Dioxane	9.20	88	145637	1022.122	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	2766724	263.386	ug/l		100
52) Toluene	10.16	92	1868734	52.331	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	969565	44.960	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	1127242	51.067	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	683735	52.437	ug/l		99
56) Ethyl methacrylate	10.43	69	832032	53.516	ug/l		98
57) 1,3-Dichloropropane	10.71	76	1114609	52.278	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	1549388	231.070	ug/l		100
59) 2-Hexanone	10.75	43	1740778	249.052	ug/l		99
60) Dibromochloromethane	10.90	129	764301	52.077	ug/l		99
61) 1,2-Dibromoethane	11.01	107	698087	52.684	ug/l		99
64) Tetrachloroethene	10.63	164	900485	48.873	ug/l		98
65) Chlorobenzene	11.44	112	2170823	51.879	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	787815	51.828	ug/l		99
67) Ethyl Benzene	11.51	91	3549977	51.180	ug/l		100
68) m/p-Xylenes	11.62	106	2811168	103.694	ug/l		100
69) o-Xylene	11.95	106	1375868	52.061	ug/l		99
70) Styrene	11.96	104	2194836	52.954	ug/l		99
71) Bromoform	12.13	173	513331	44.569	ug/l	#	100
73) Isopropylbenzene	12.25	105	3654189	48.307	ug/l		100
74) N-amyl acetate	12.07	43	827646	49.292	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	790257	49.033	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	952258	68.488	ug/l	#	100
77) Bromobenzene	12.53	156	990027	49.459	ug/l		98
78) n-propylbenzene	12.59	91	4027028	49.062	ug/l		100
79) 2-Chlorotoluene	12.67	91	2392847	48.485	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	3048154	48.444	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	170425	41.901	ug/l		95
82) 4-Chlorotoluene	12.77	91	2431929	49.349	ug/l		99
83) tert-Butylbenzene	12.99	119	2782669	48.047	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	3070012	49.734	ug/l		100
85) sec-Butylbenzene	13.17	105	3638256	48.440	ug/l		99
86) p-Isopropyltoluene	13.29	119	3232319	49.055	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1728631	51.250	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	1686131	50.888	ug/l		99
89) n-Butylbenzene	13.62	91	2580919	51.551	ug/l		100
90) Hexachloroethane	13.87	117	512036	46.930	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1692717	51.336	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	121316	48.644	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054227.D
Acq On : 13 Mar 2019 22:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:22:12 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)
93) 1,2,4-Trichlorobenzene	14.91	180	971279	48.852	ug/l	99
94) Hexachlorobutadiene	15.01	225	575317	45.807	ug/l	99
95) Naphthalene	15.13	128	1940841	47.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	959027	54.741	ug/l	99

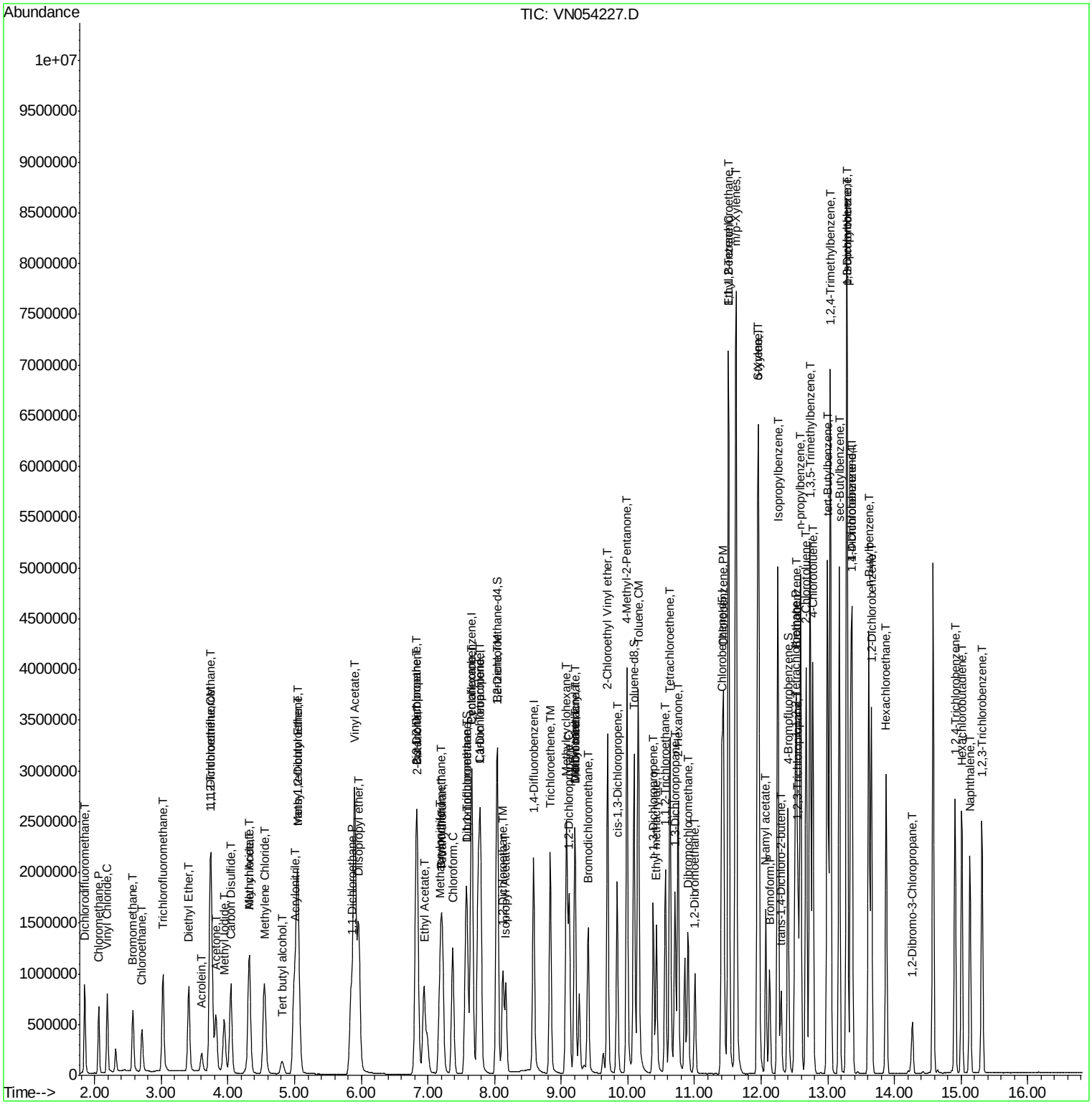
(#) = qualifier out of range (m) = manual integration (+) = signals summed

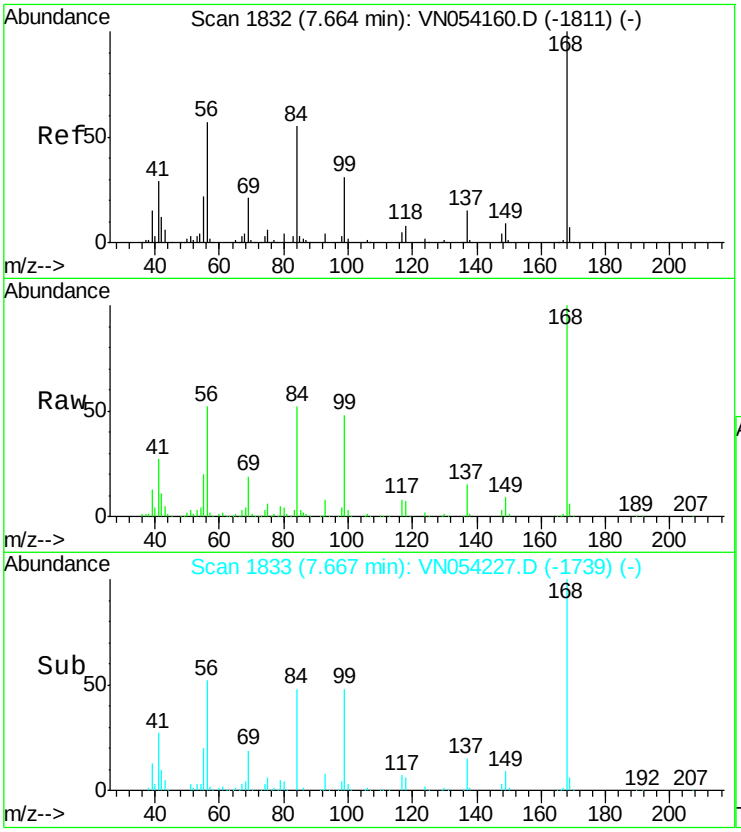
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054227.D
Acq On : 13 Mar 2019 22:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 14 05:22:12 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



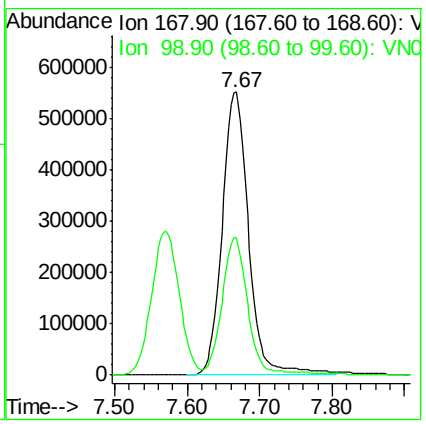


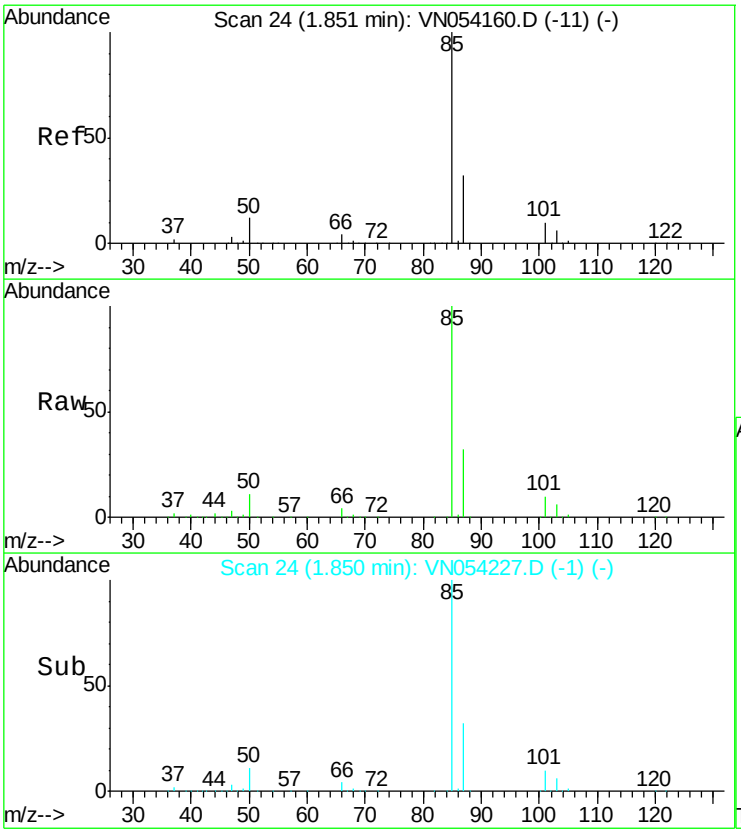
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1399710

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.1	55.7

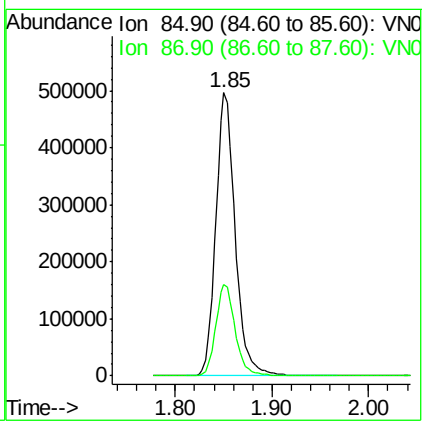


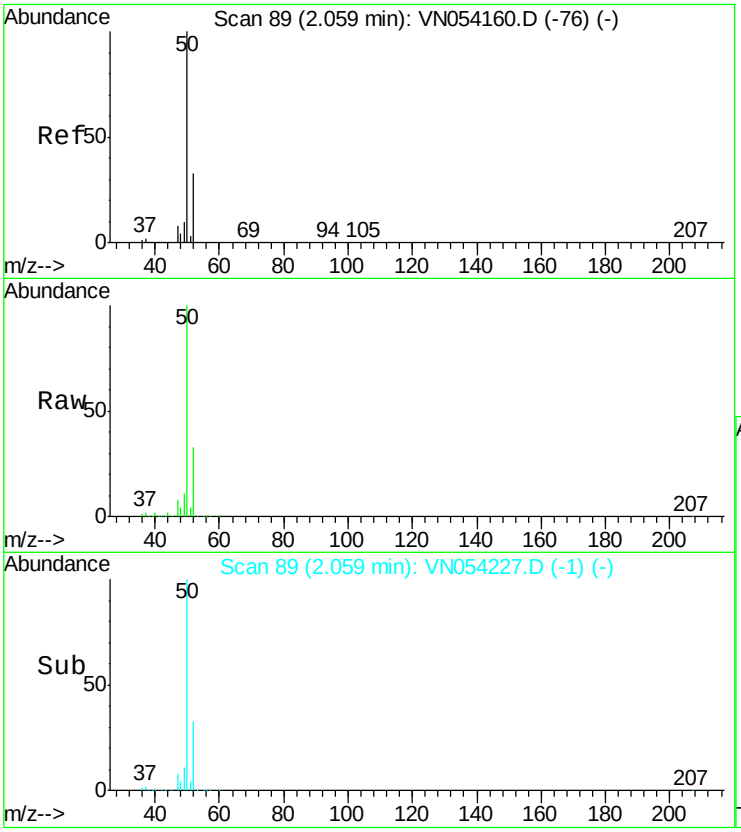


#2
Dichlorodifluoromethane
Concen: 52.150 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 85 Resp: 691802

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.9	47.7



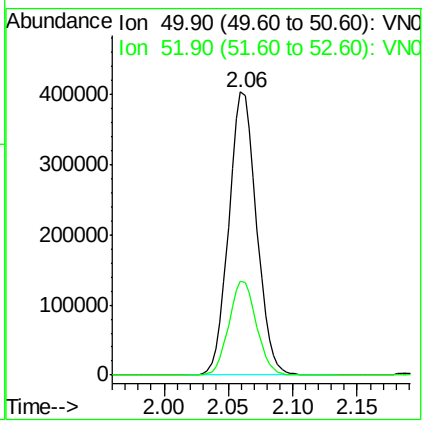


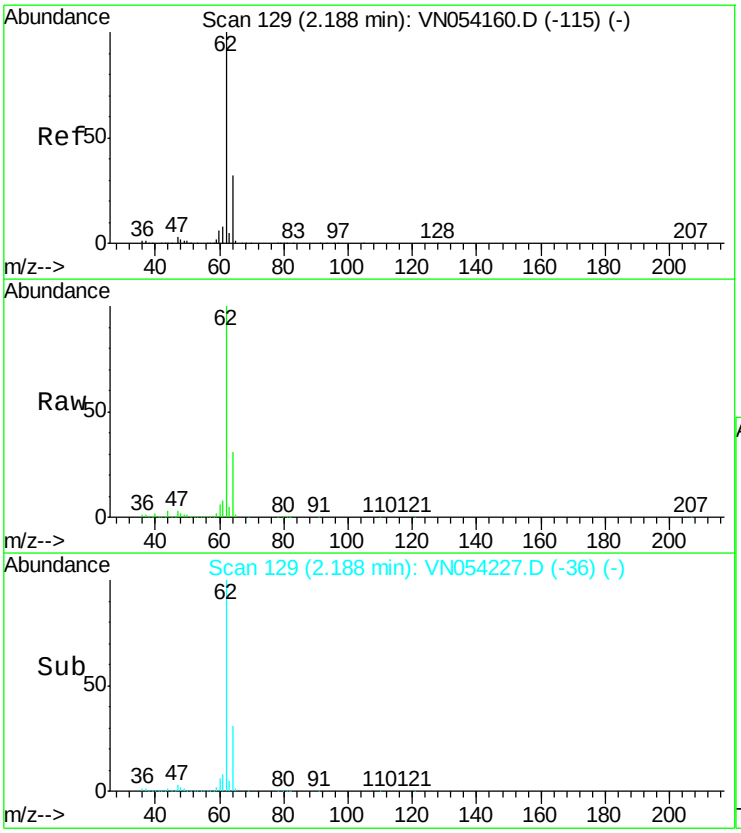
#3
Chloromethane
Concen: 46.818 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 603297

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.4	39.6

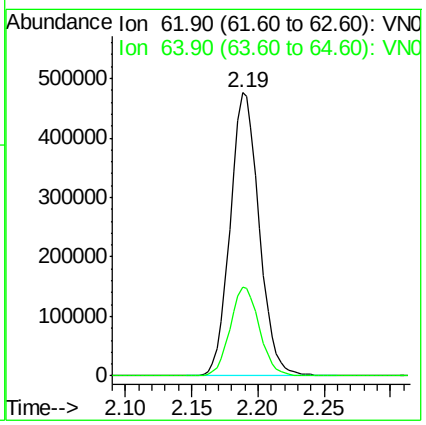


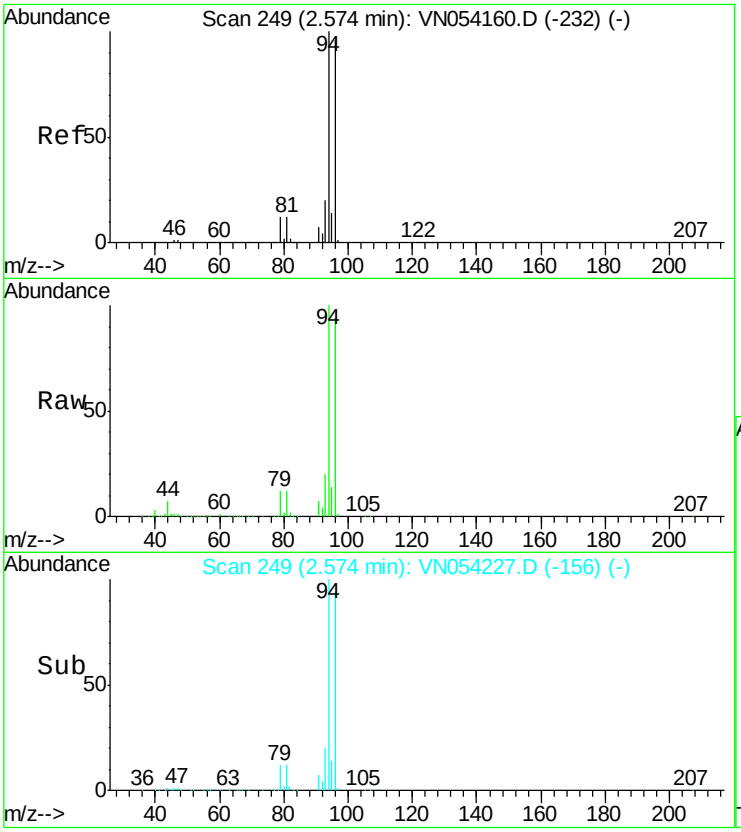


#4
Vinyl Chloride
Concen: 49.124 ug/l
RT: 2.19 min Scan# 129
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 62 Resp: 723507

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.5	38.3



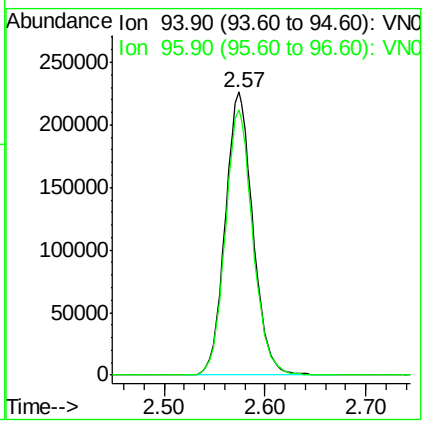


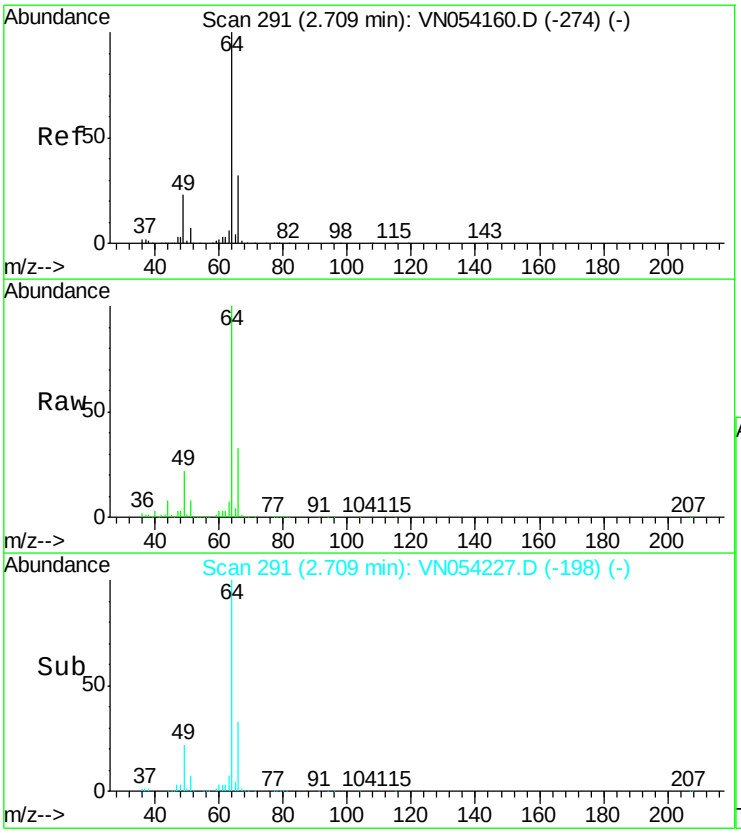
#5
Bromomethane
Concen: 42.368 ug/l
RT: 2.57 min Scan# 249
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 432177

Ion	Ratio	Lower	Upper
94	100		
96	93.5	77.0	115.4

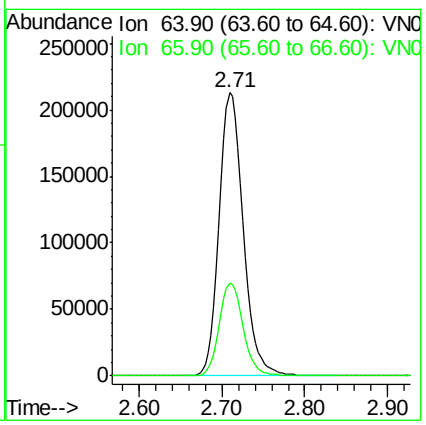


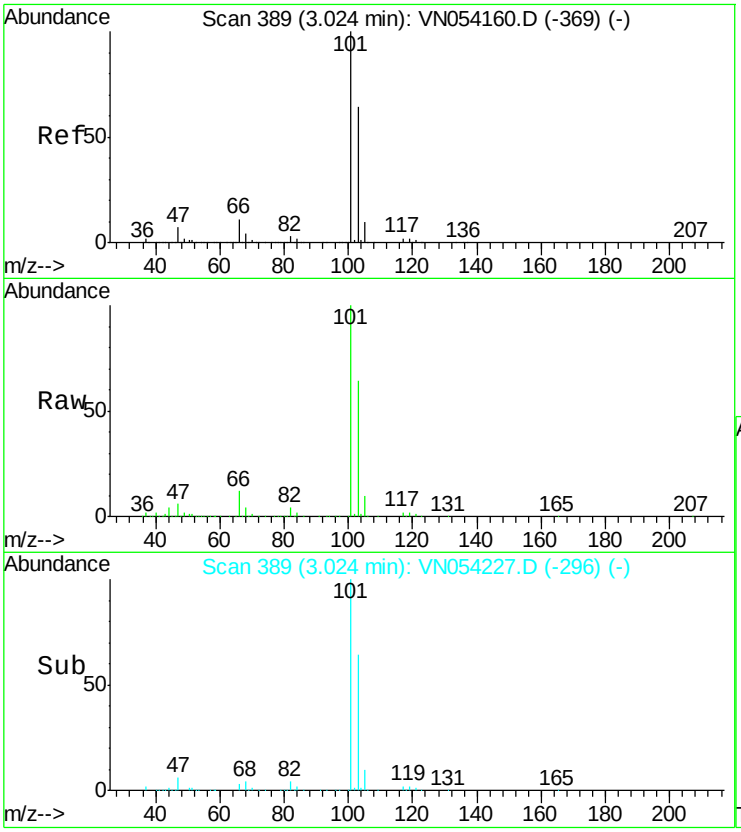


#6
Chloroethane
Concen: 48.047 ug/l
RT: 2.71 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 64 Resp: 428156

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.7	38.5



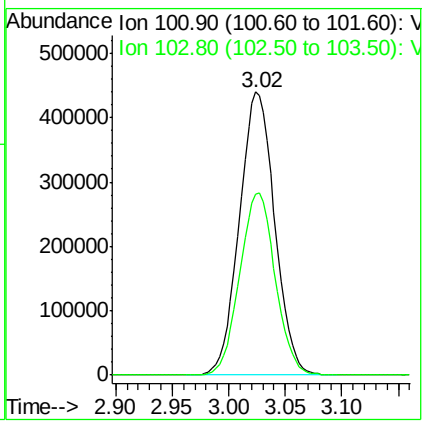


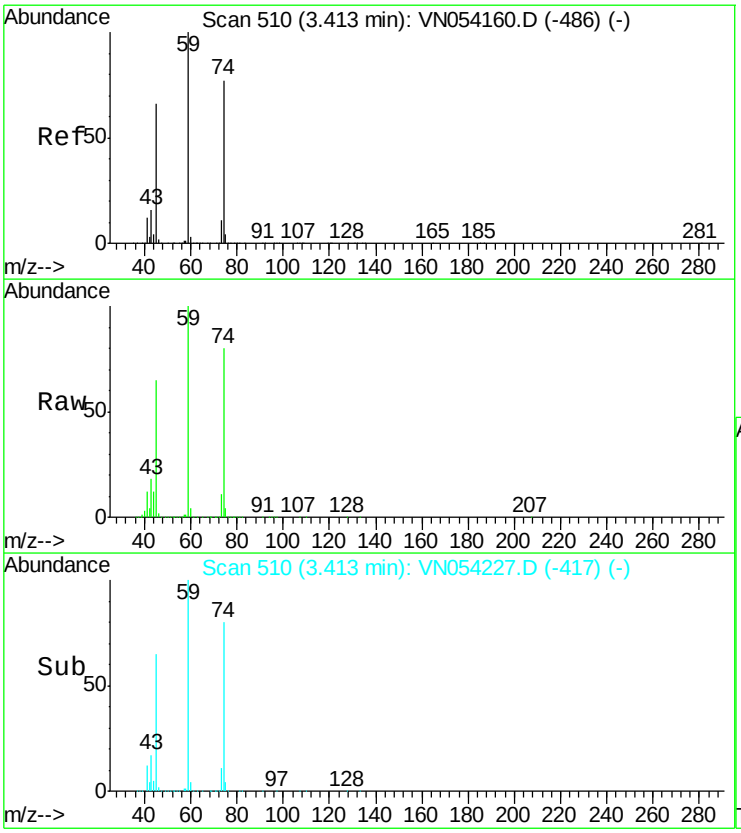
#7
Trichlorofluoromethane
Concen: 48.891 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 957361

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

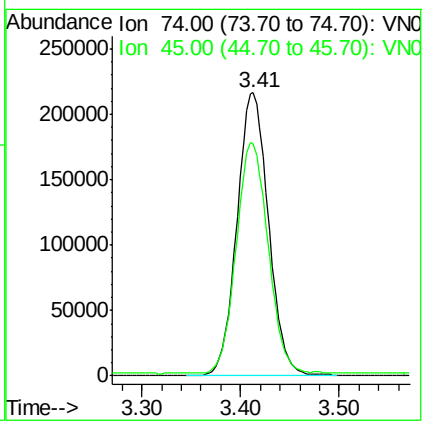


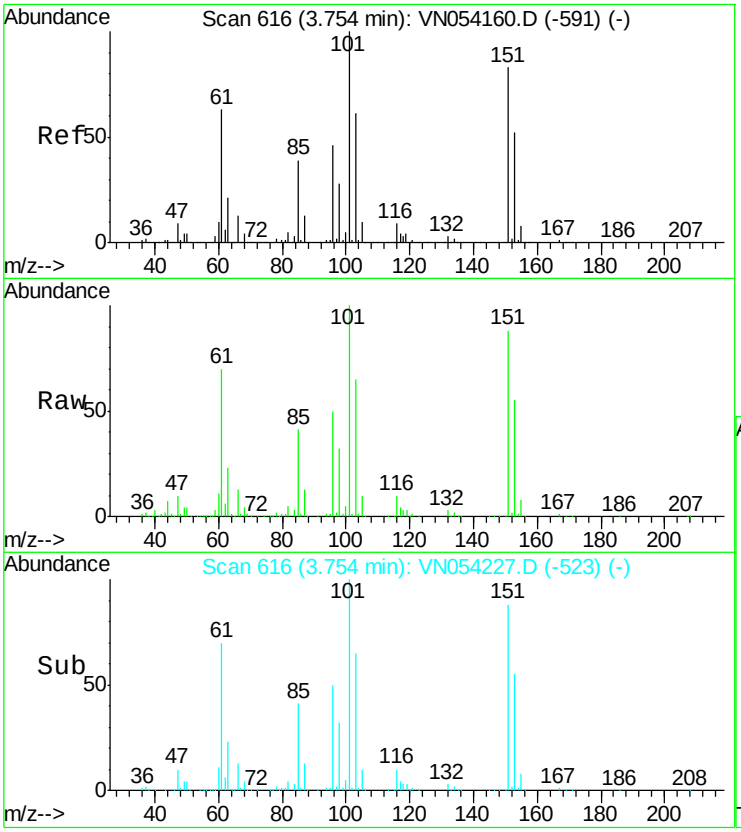


#8
Diethyl Ether
Concen: 53.708 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 74 Resp: 479255

Ion	Ratio	Lower	Upper
74	100		
45	82.5	43.1	129.4



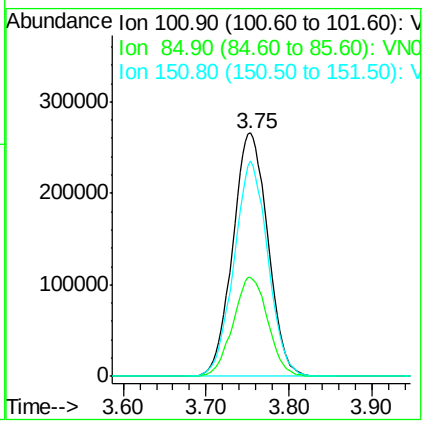


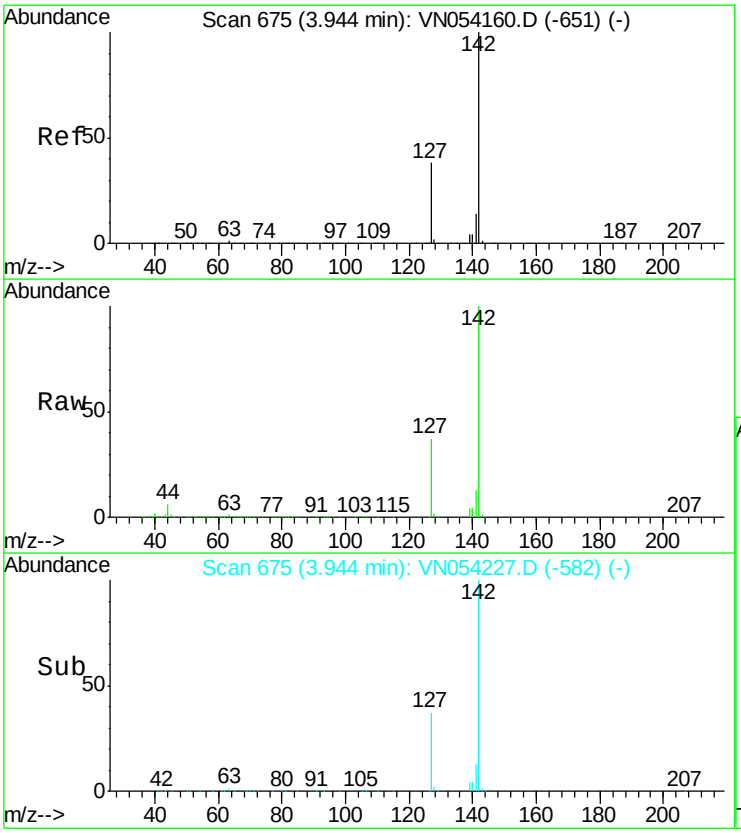
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.235 ug/l
RT: 3.75 min Scan# 616
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 781165

Ion	Ratio	Lower	Upper
101	100		
85	40.4	32.4	48.6
151	85.6	68.2	102.2

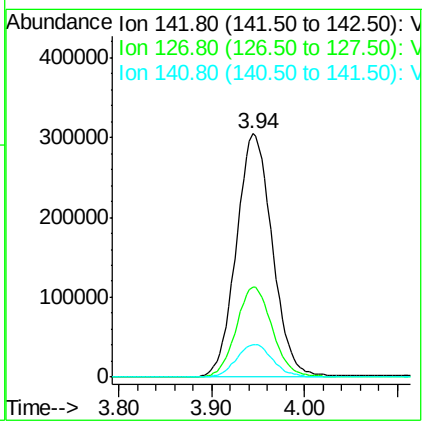


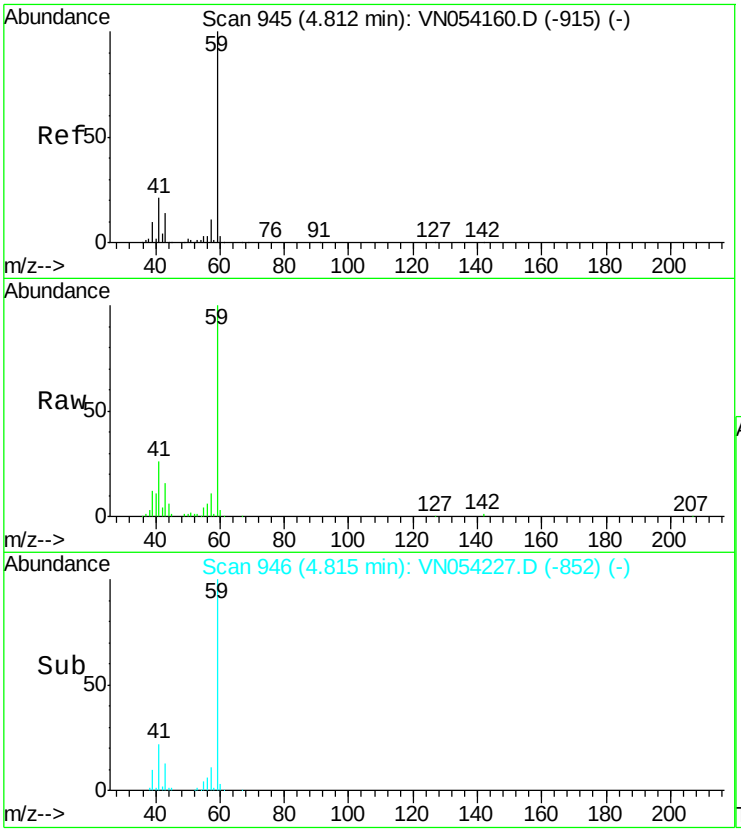


#10
Methyl Iodide
Concen: 39.709 ug/l
RT: 3.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:142 Resp: 820879

Ion	Ratio	Lower	Upper
142	100		
127	37.3	30.3	45.5
141	13.7	11.2	16.8



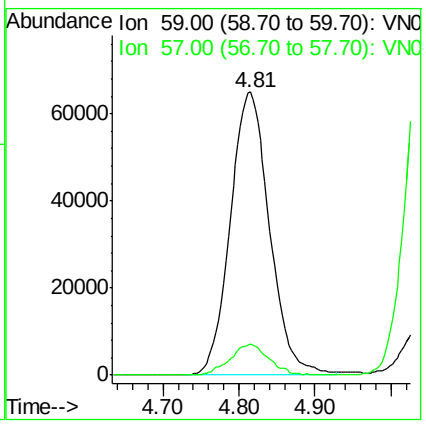


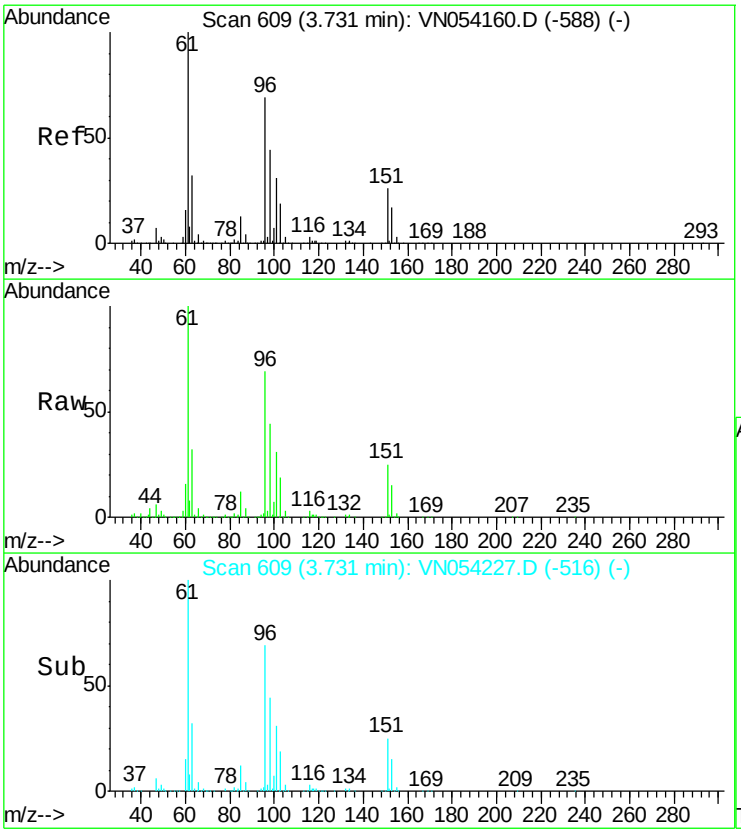
#11
Tert butyl alcohol
Concen: 228.418 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 232771

Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.0	13.6

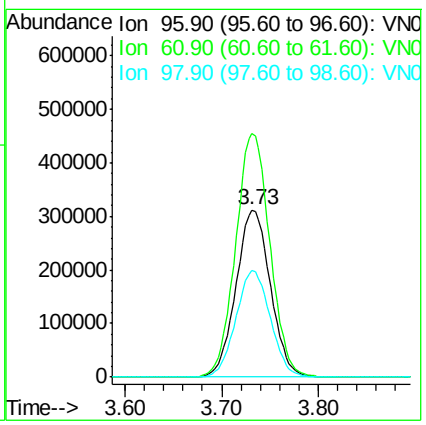


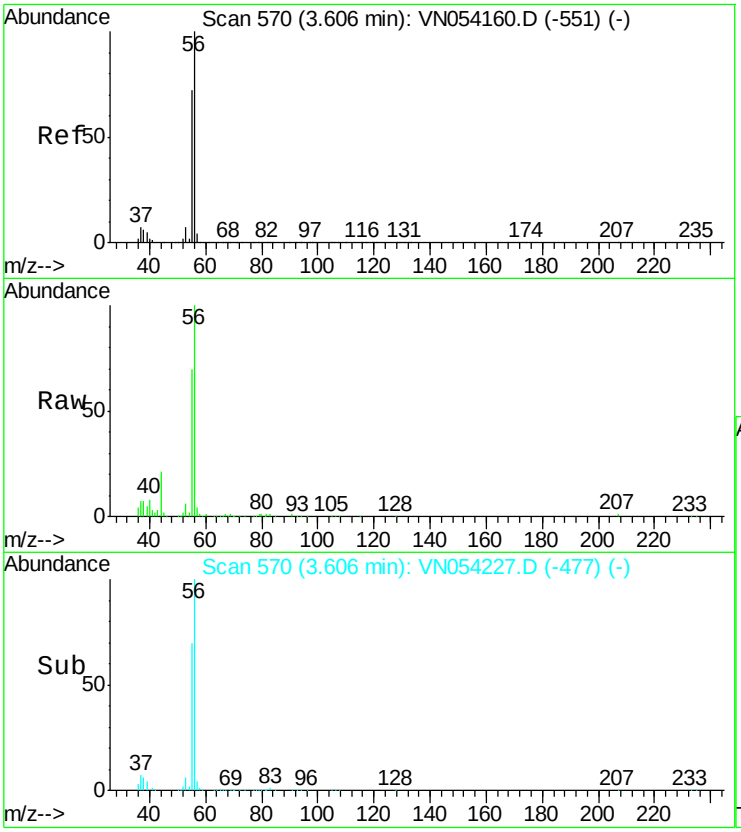


#12
1,1-Dichloroethene
Concen: 52.868 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 96 Resp: 768773

Ion	Ratio	Lower	Upper
96	100		
61	145.8	116.5	174.7
98	63.7	51.0	76.4



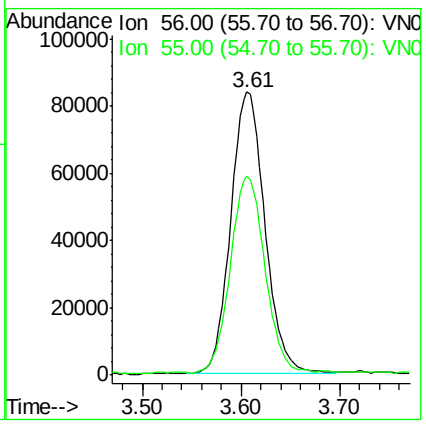


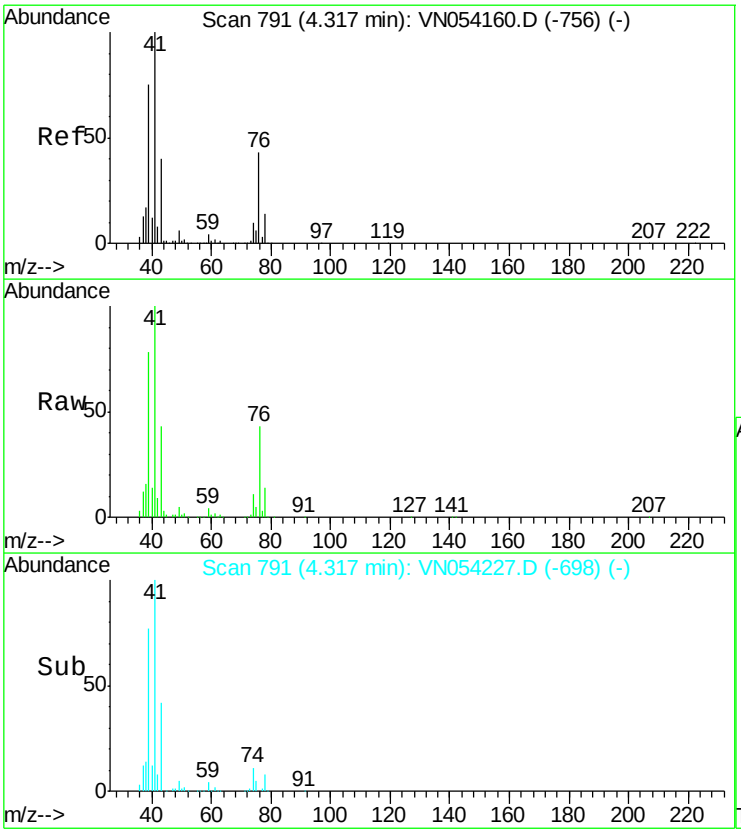
#13
Acrolein
Concen: 207.769 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 200631

Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.7	85.1

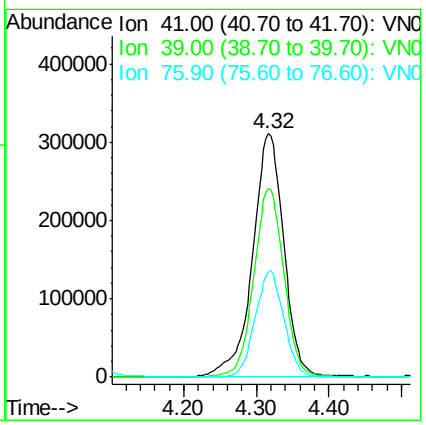


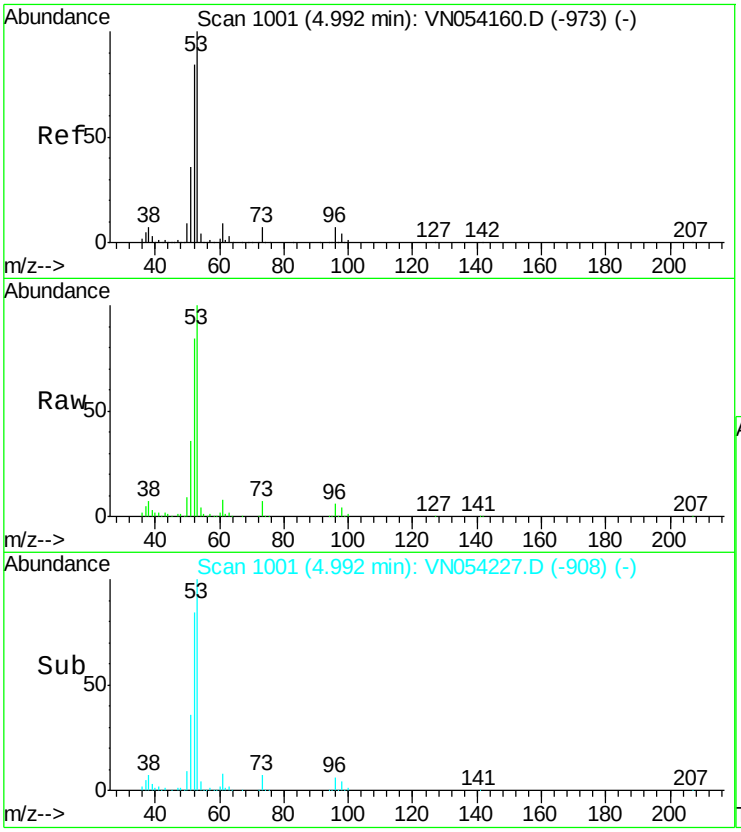


#14
Allyl chloride
Concen: 49.912 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 41 Resp: 931211

Ion	Ratio	Lower	Upper
41	100		
39	74.5	58.2	87.4
76	39.8	31.7	47.5



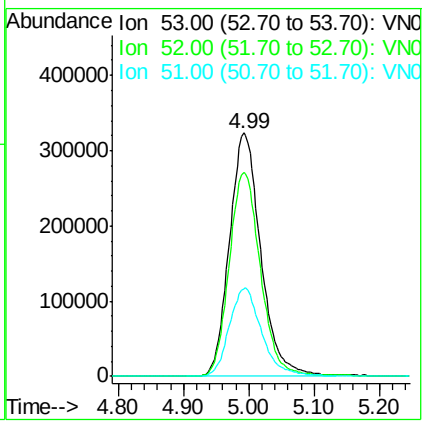


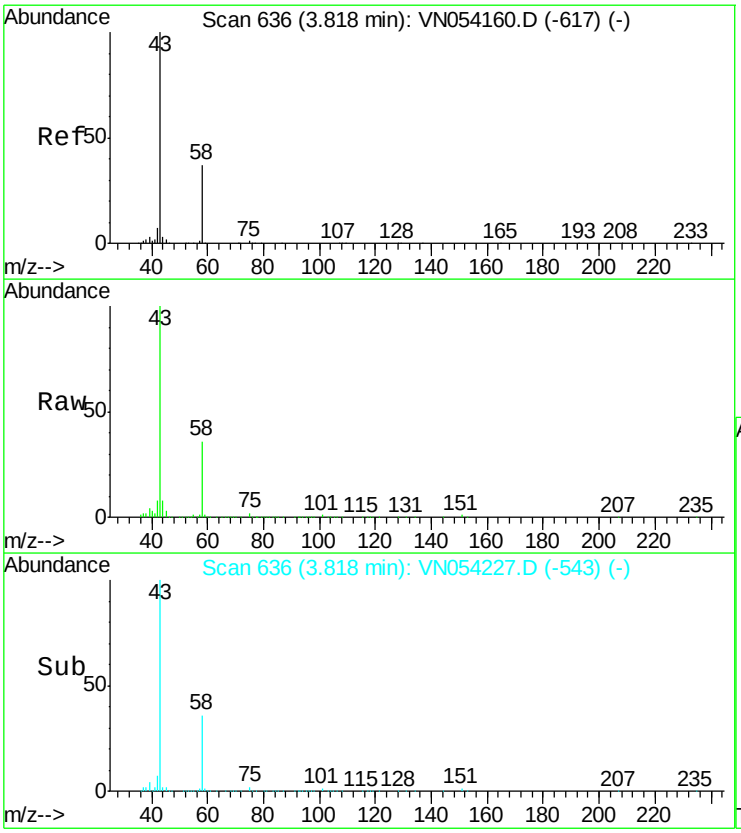
#15
Acrylonitrile
Concen: 257.755 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 1078957

Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.4	99.6
51	37.7	29.6	44.4

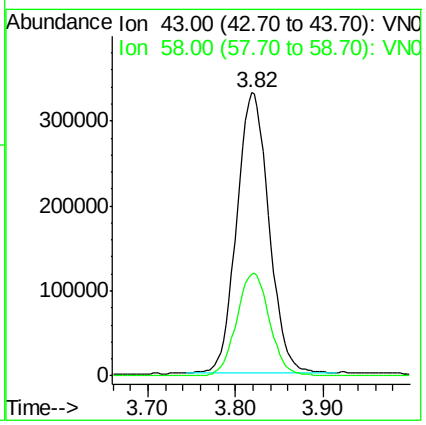


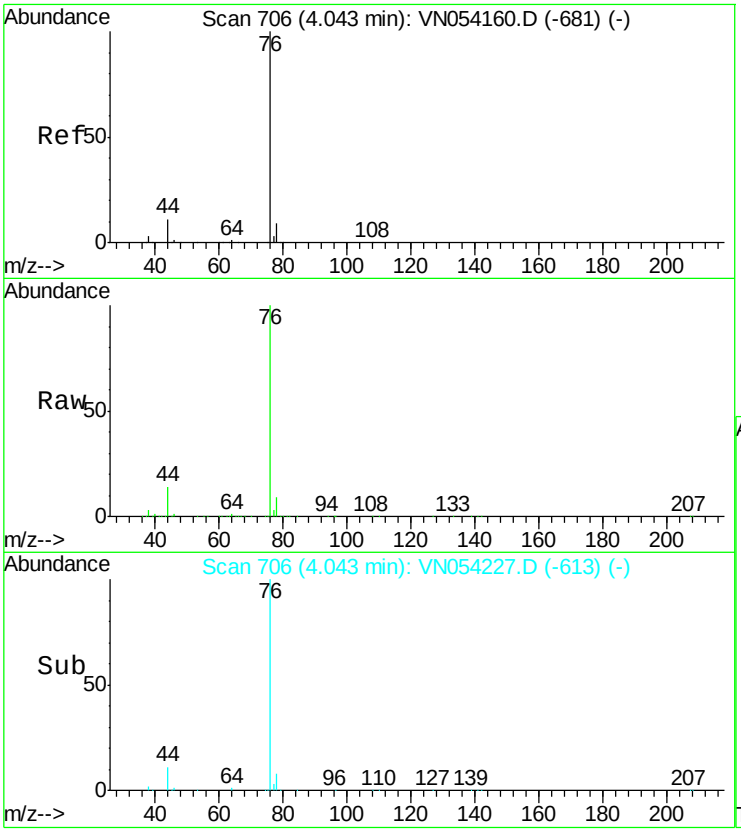


#16
Acetone
Concen: 197.545 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 43 Resp: 840786

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.9	44.9



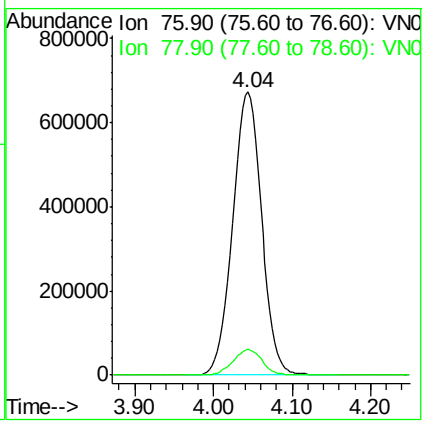


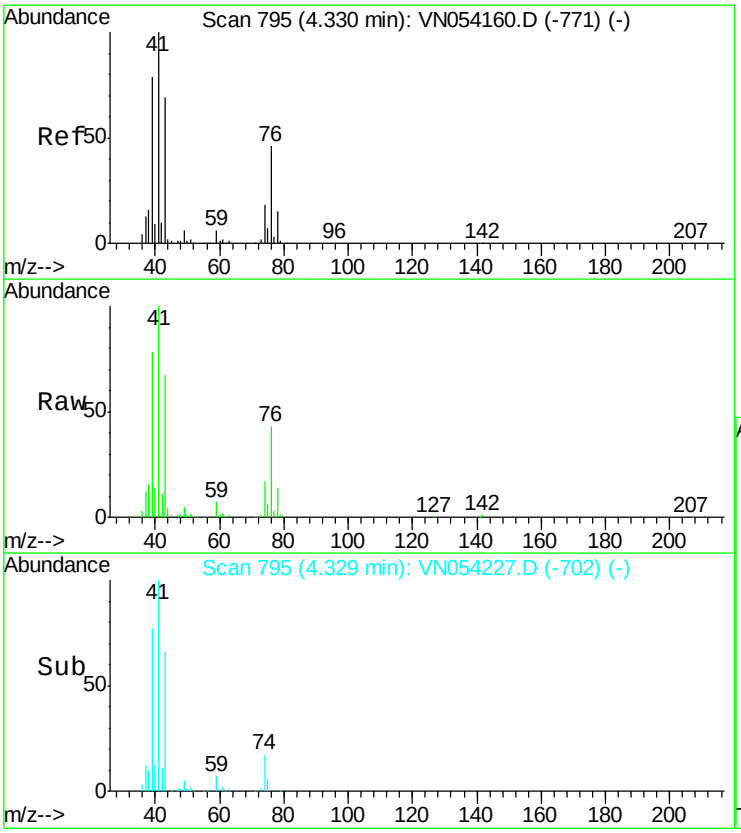
#17
Carbon Disulfide
Concen: 47.481 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 1730813

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

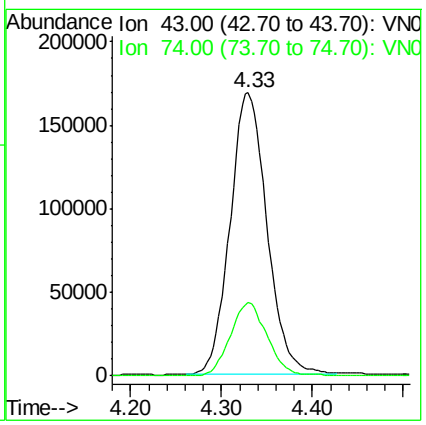


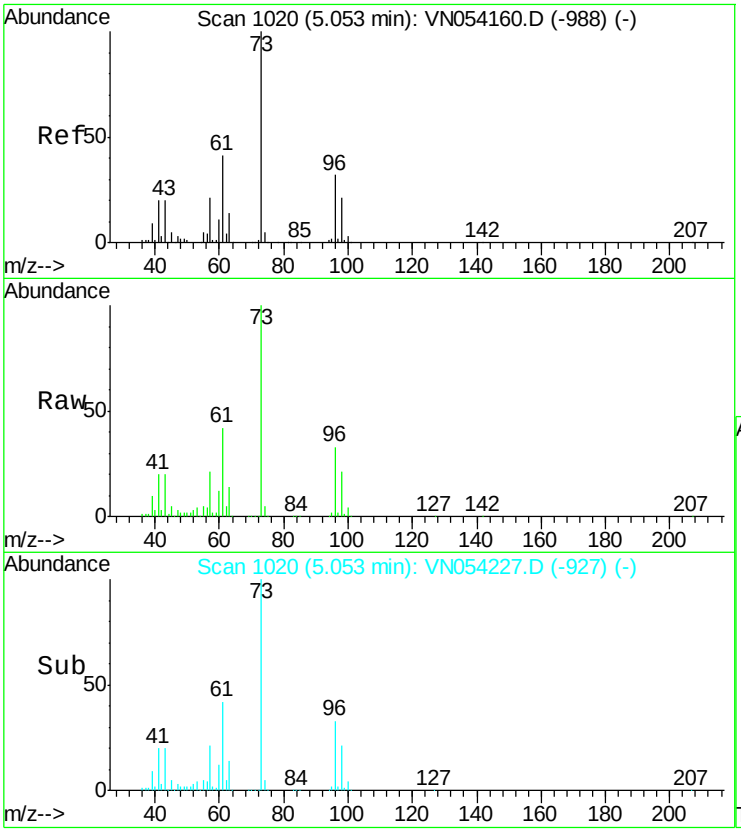


#18
Methyl Acetate
Concen: 55.435 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 43 Resp: 477354

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.8	31.2



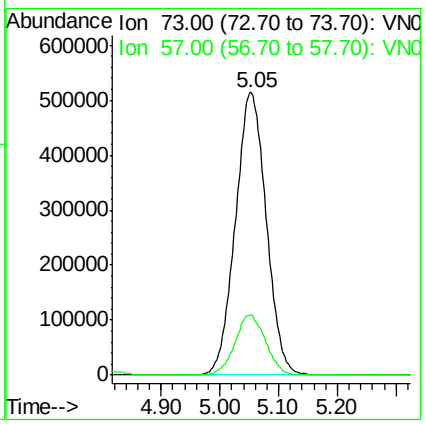


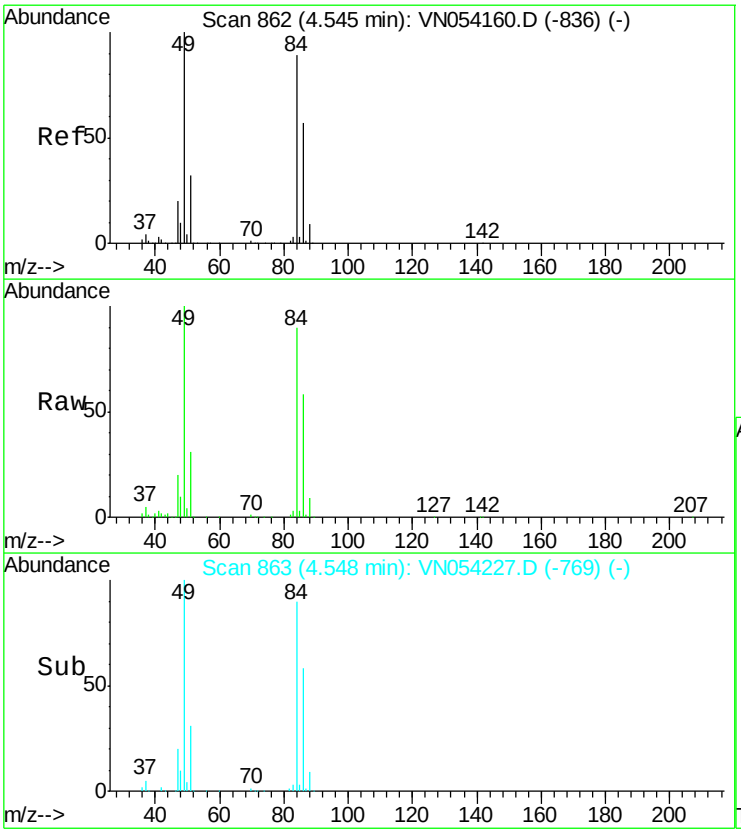
#19
Methyl tert-butyl Ether
Concen: 52.246 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 1883160

Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

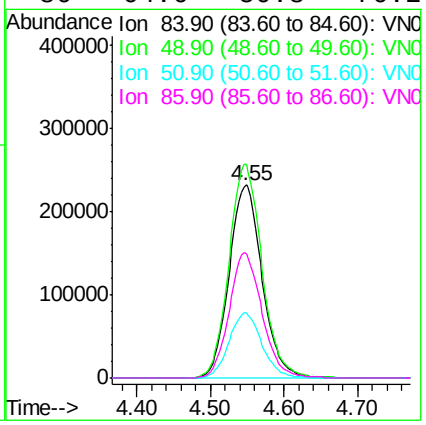


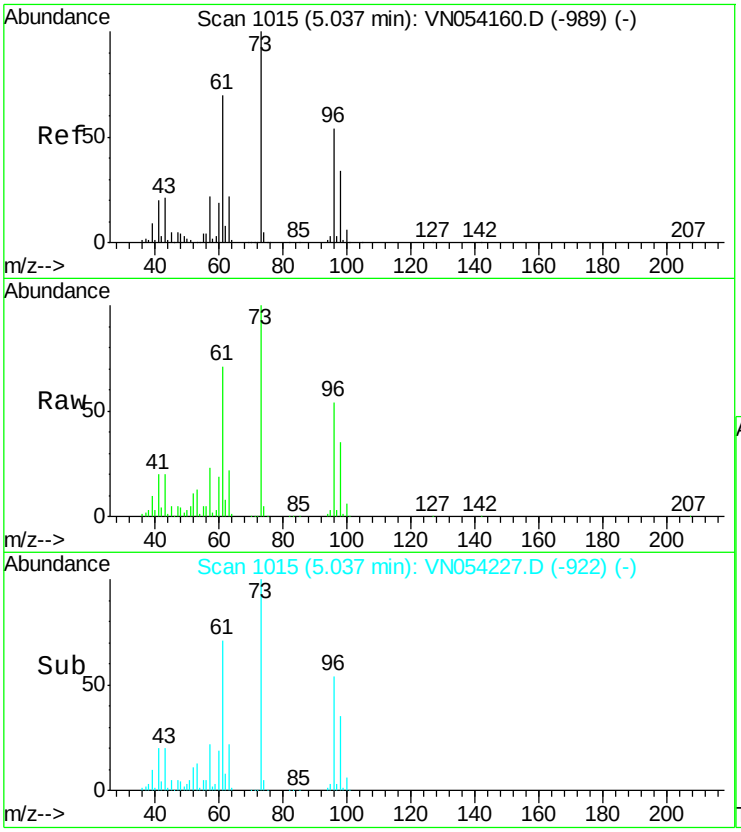


#20
Methylene Chloride
Concen: 51.665 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 84 Resp: 722040

Ion	Ratio	Lower	Upper
84	100		
49	110.4	89.7	134.5
51	33.8	28.2	42.4
86	64.6	50.8	76.2



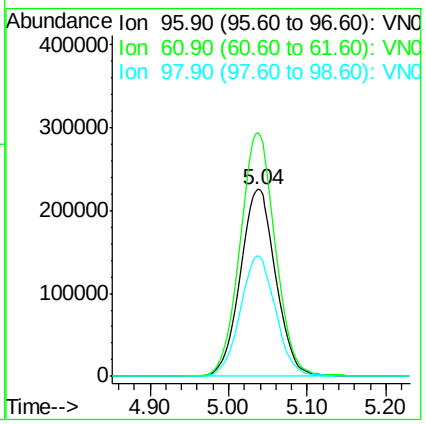


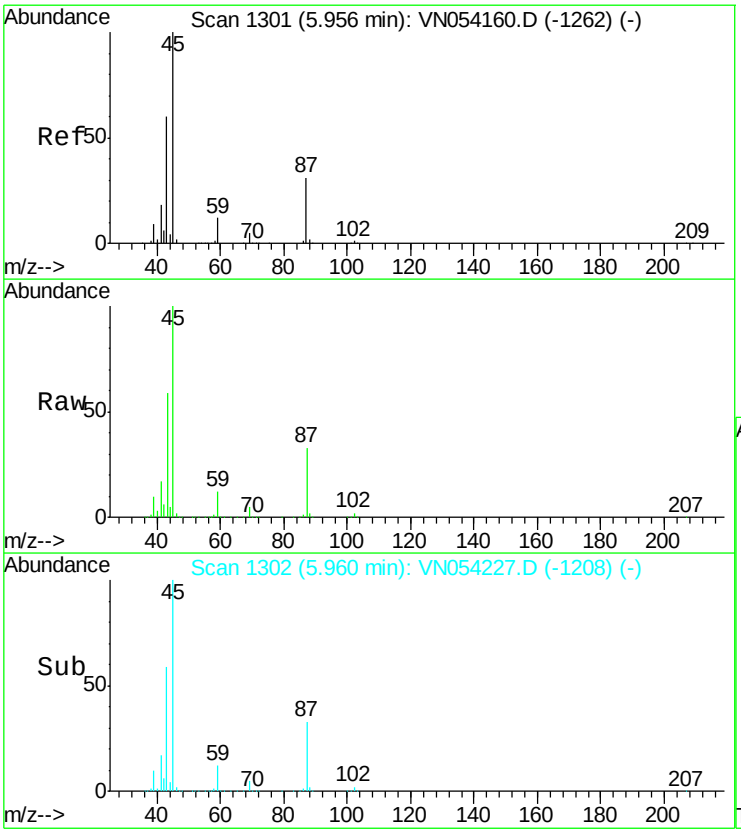
#21
trans-1,2-Dichloroethene
Concen: 51.448 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 716802

Ion	Ratio	Lower	Upper
96	100		
61	130.4	102.8	154.2
98	64.4	50.0	75.0

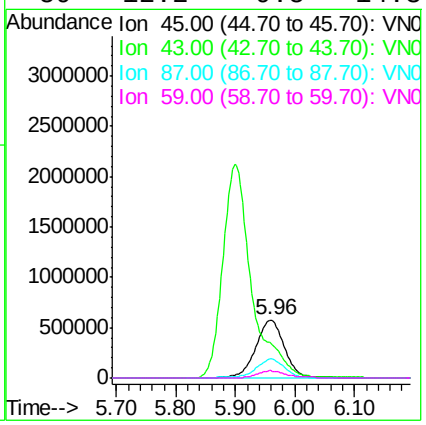


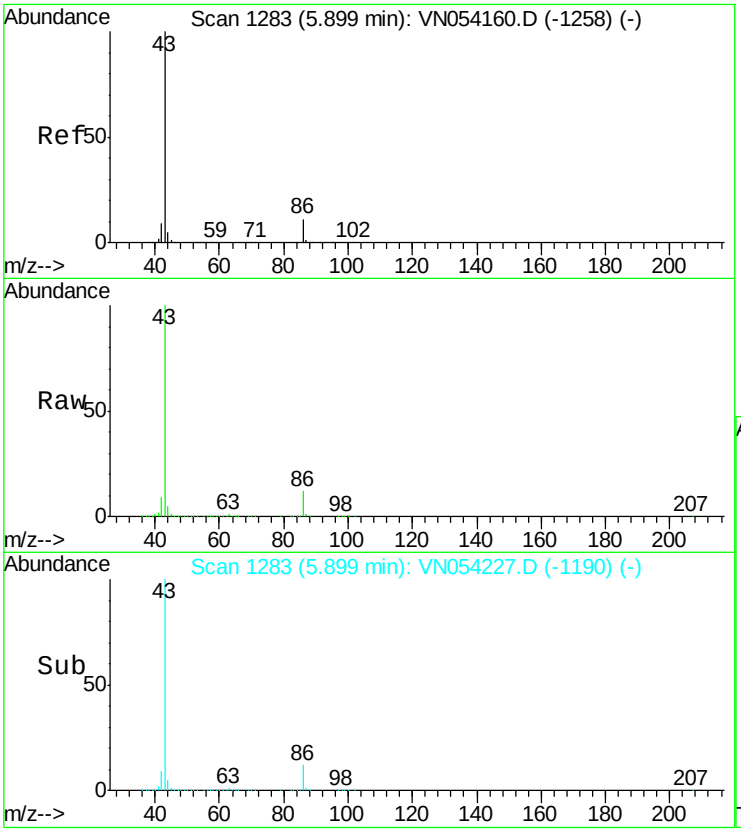


#22
Diisopropyl ether
Concen: 52.949 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 45 Resp: 1971645

Ion	Ratio	Lower	Upper
45	100		
43	58.9	48.2	72.2
87	32.4	24.9	37.3
59	12.2	9.5	14.3



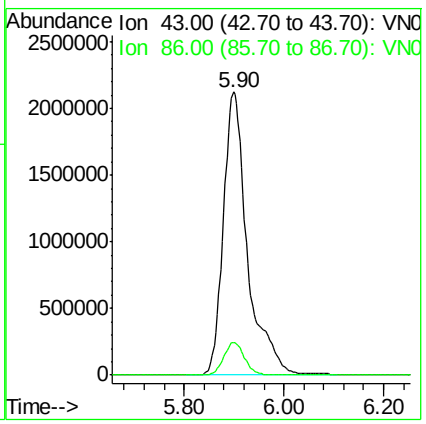


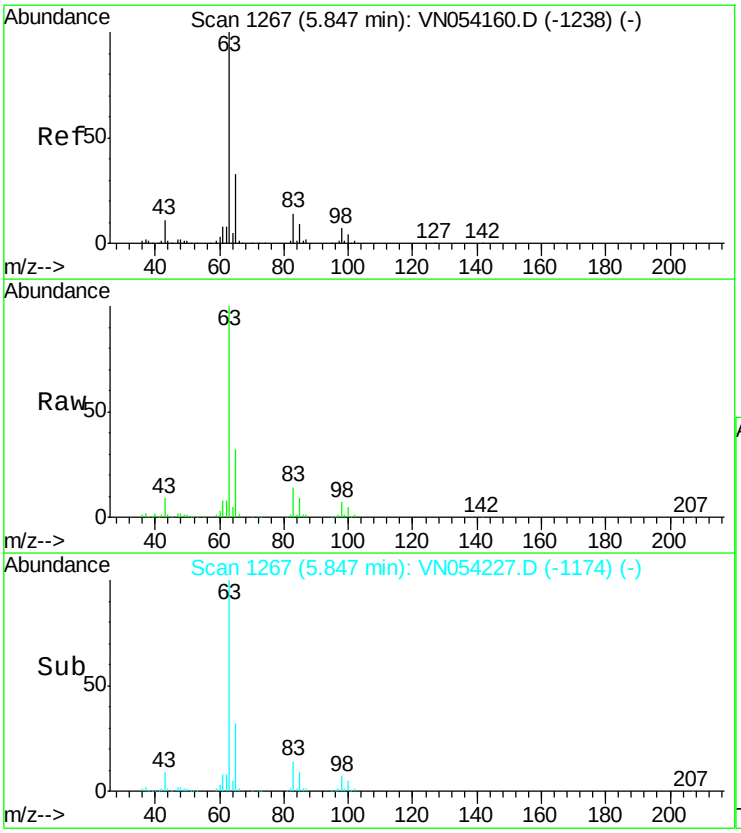
#23
Vinyl Acetate
Concen: 261.495 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7179251

Ion	Ratio	Lower	Upper
43	100		
86	11.7	9.1	13.7

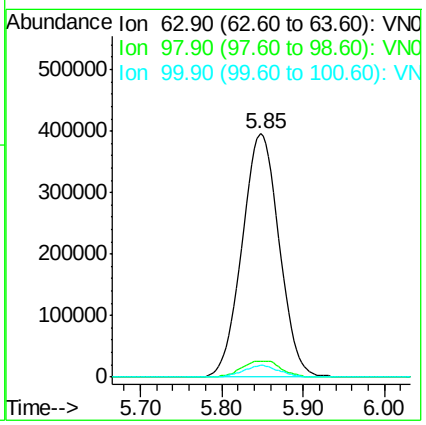


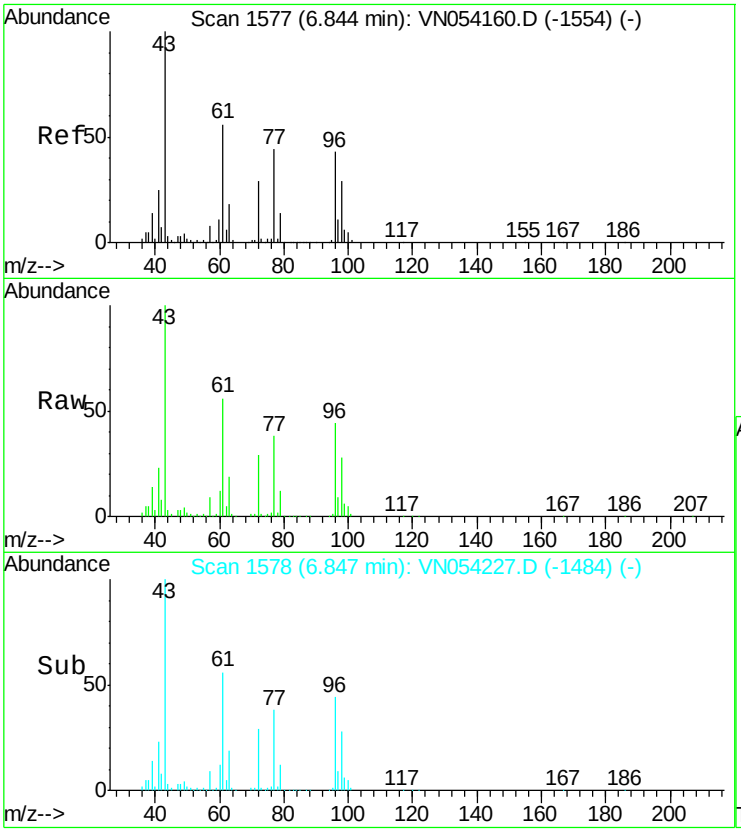


#24
1,1-Dichloroethane
Concen: 52.010 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 63 Resp: 1243503

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.5
100	4.7	2.0	6.0



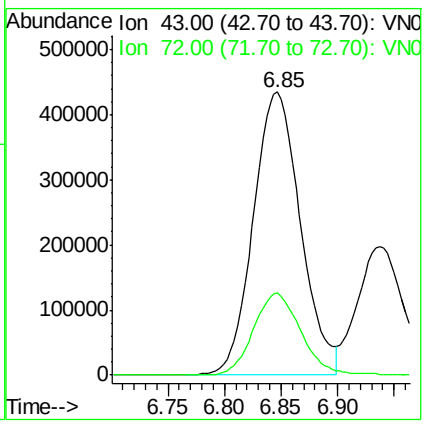


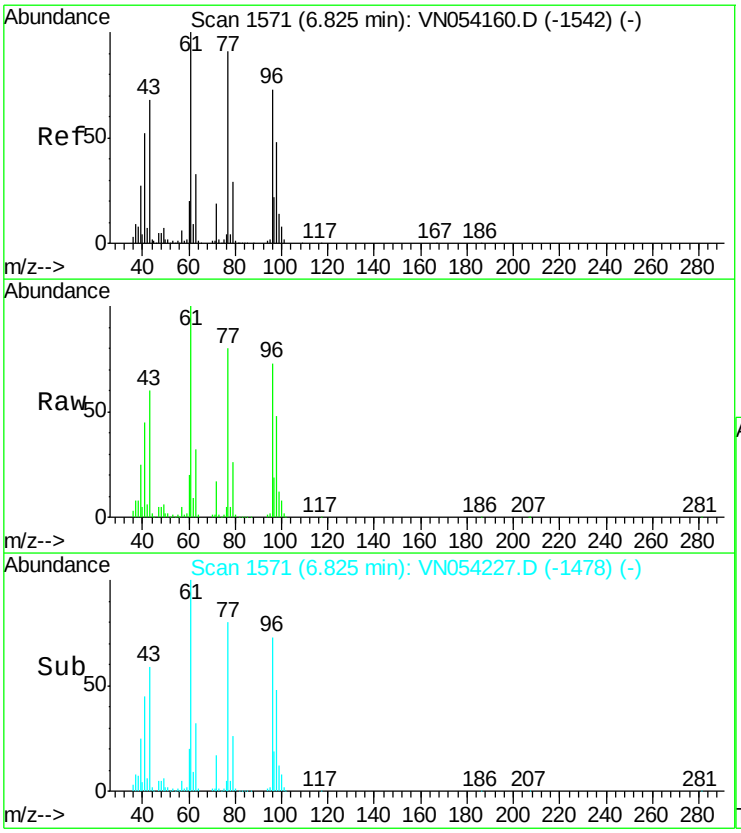
#25
2-Butanone
Concen: 250.948 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1253596

Ion	Ratio	Lower	Upper
43	100		
72	29.1	23.0	34.6

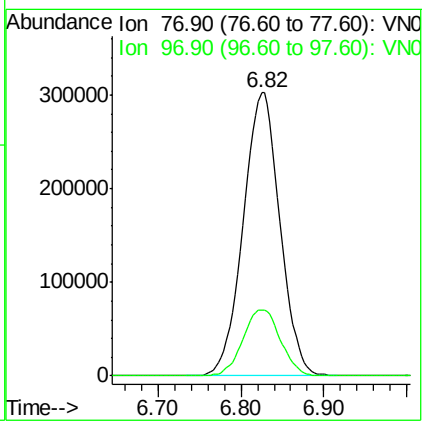


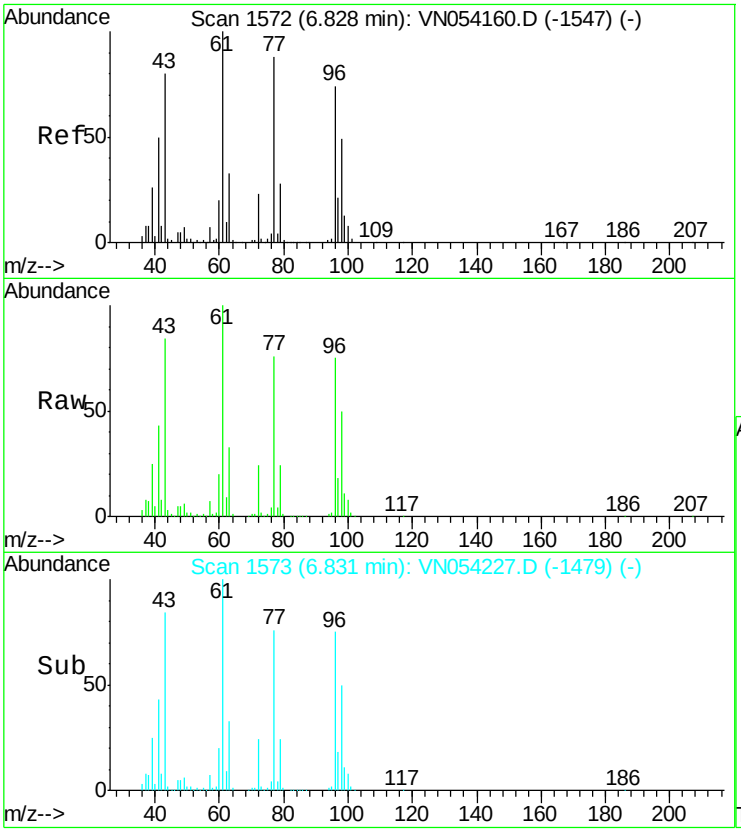


#26
2,2-Dichloropropane
Concen: 44.215 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 77 Resp: 929630

Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.9	35.9



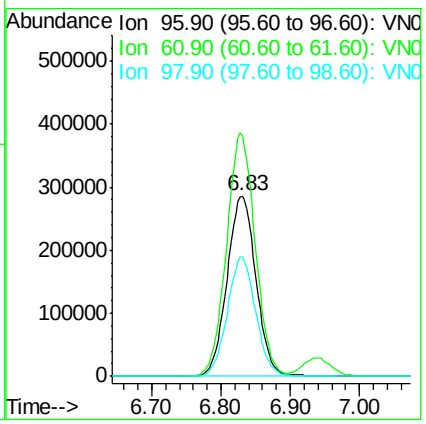


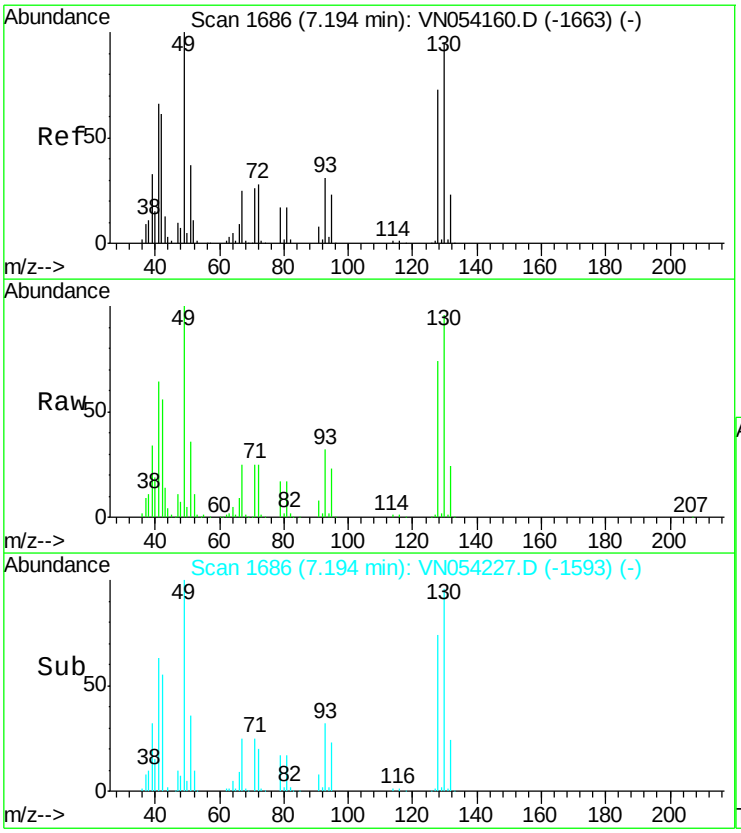
#27
cis-1,2-Dichloroethene
Concen: 53.566 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 832600

Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	273.0
98	65.1	0.0	130.6

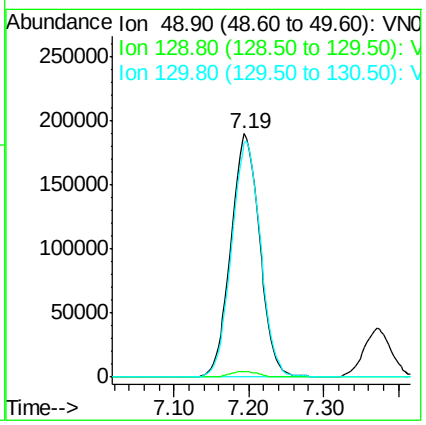


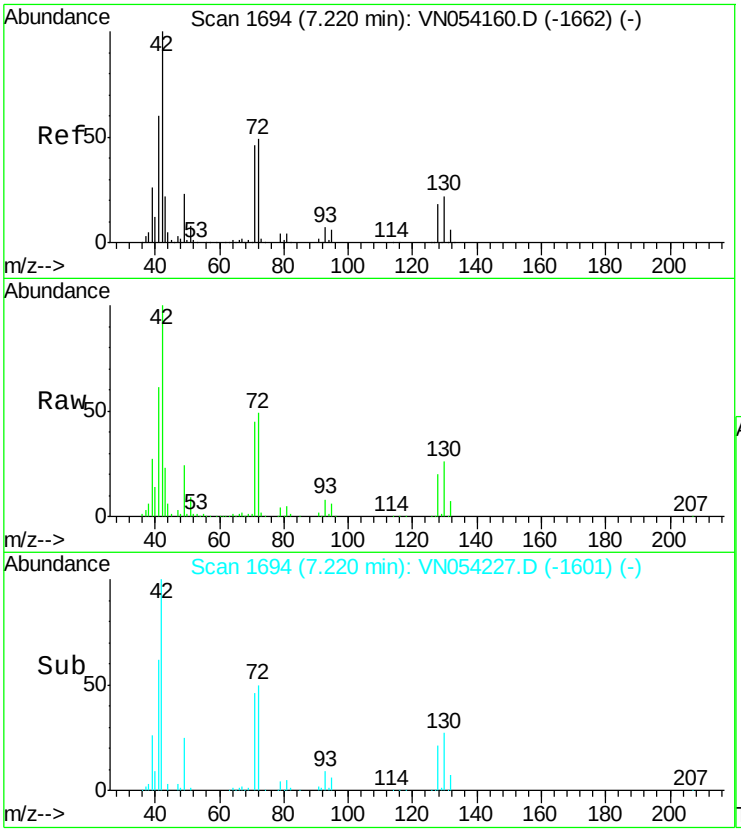


#28
Bromochloromethane
Concen: 52.107 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 49 Resp: 509303

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	97.4	76.7	115.1



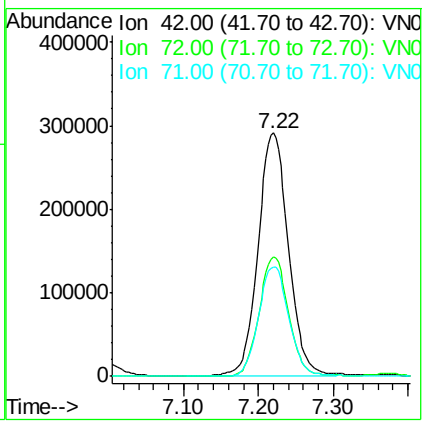


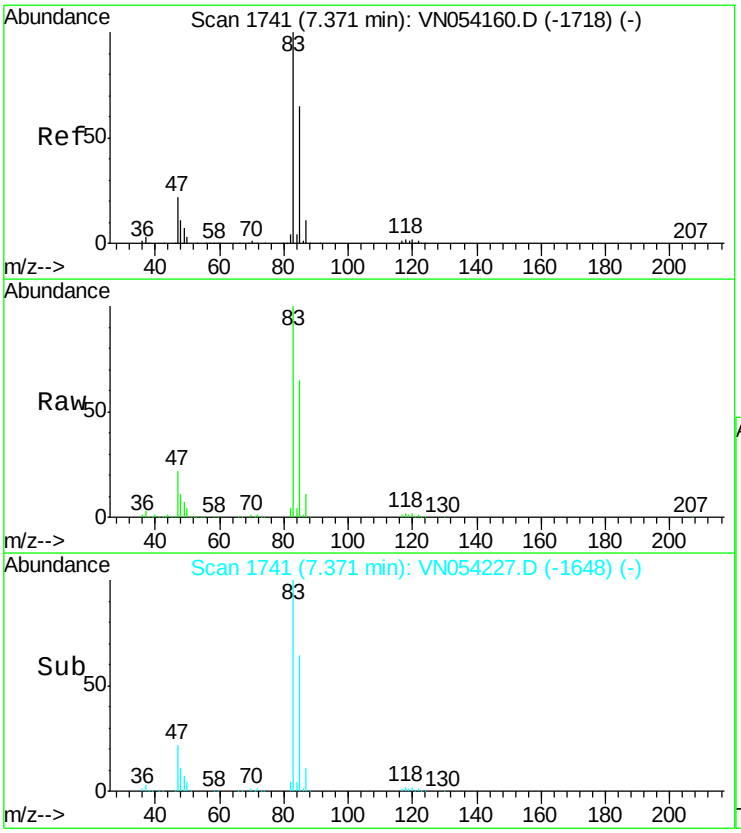
#29
Tetrahydrofuran
Concen: 255.513 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 820679

Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.8	56.6
71	45.2	36.2	54.2

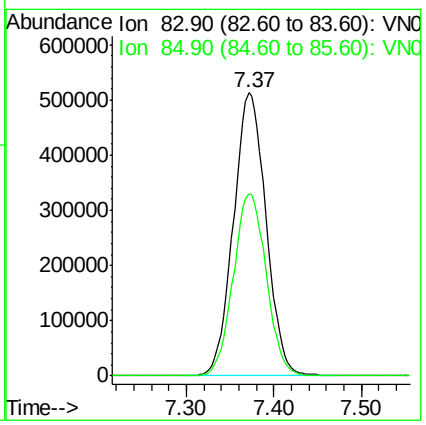


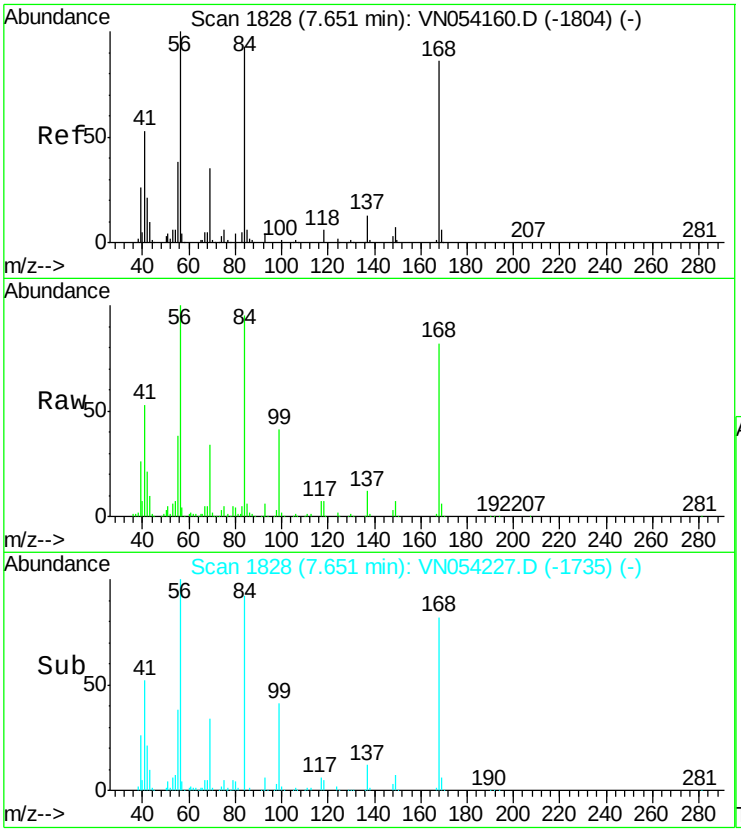


#30
Chloroform
Concen: 53.126 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 83 Resp: 1325437

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4



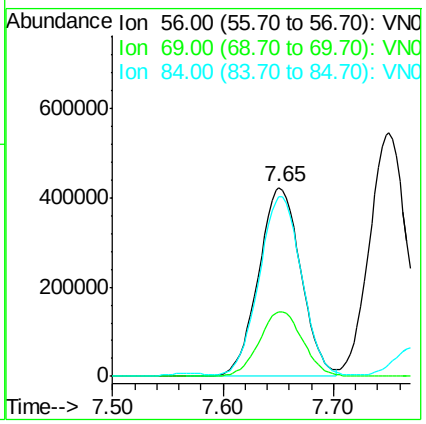


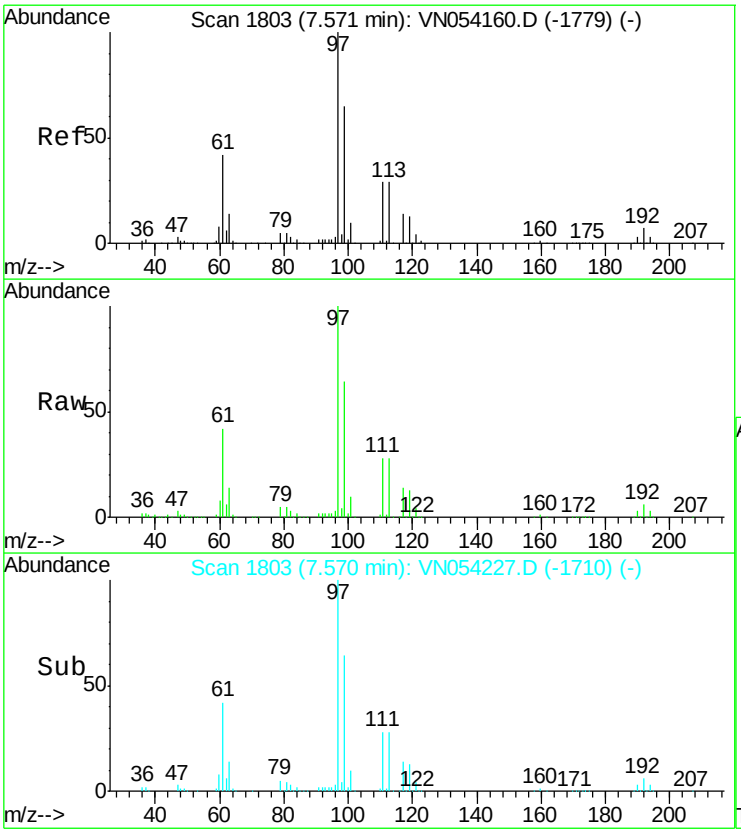
#31
Cyclohexane
Concen: 50.303 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 1124235

Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.8	41.6
84	93.2	74.6	111.8

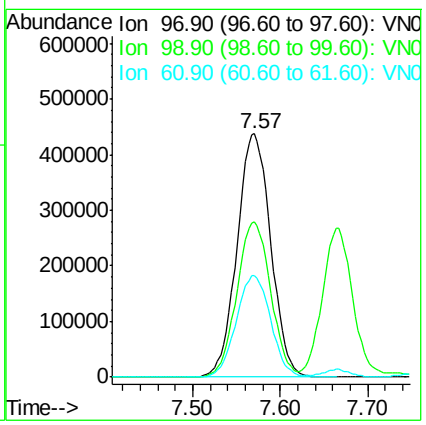


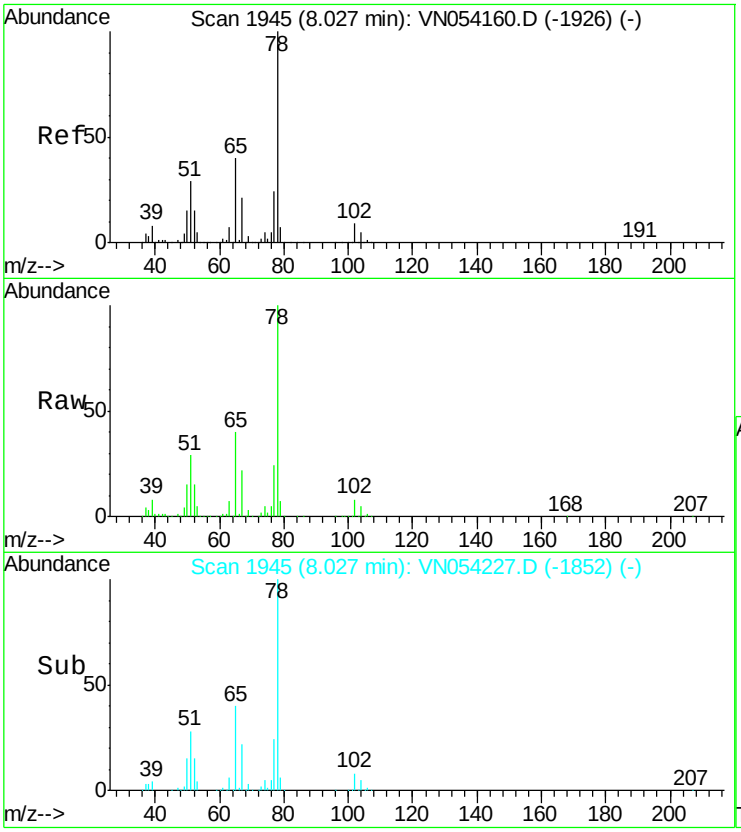


#32
1,1,1-Trichloroethane
Concen: 51.904 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 97 Resp: 1169503

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	42.6	33.6	50.4



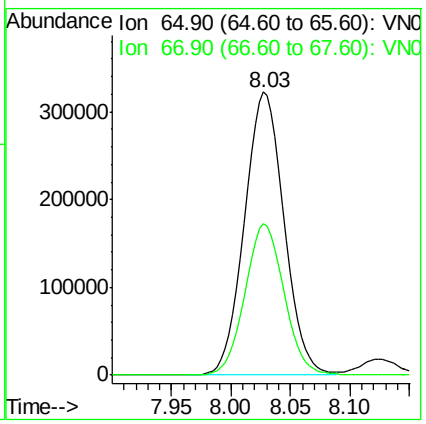


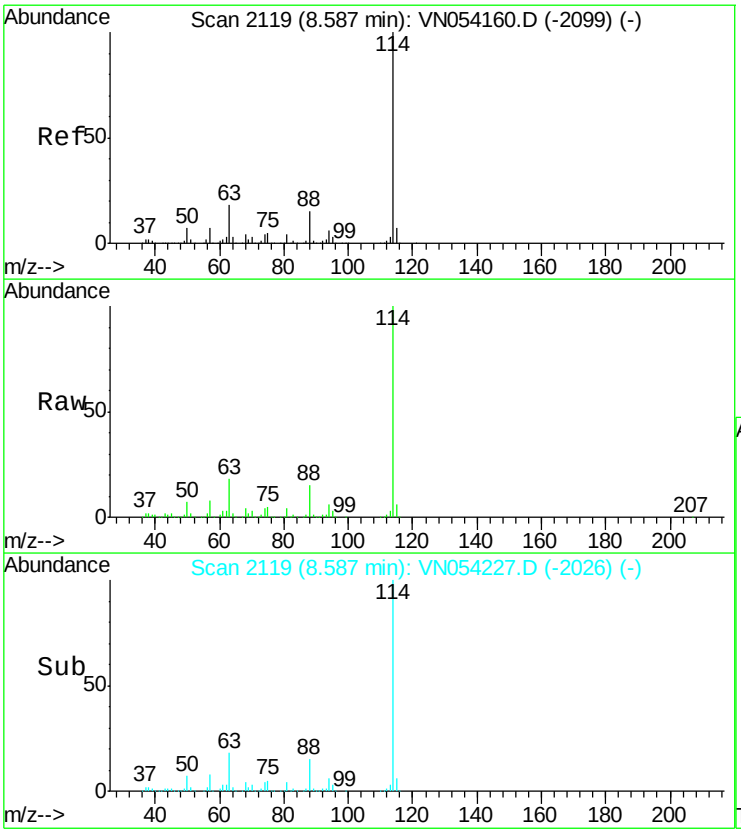
#33
1,2-Dichloroethane-d4
Concen: 49.978 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 742914

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.6

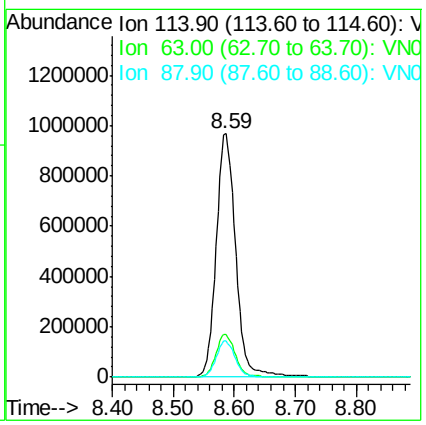


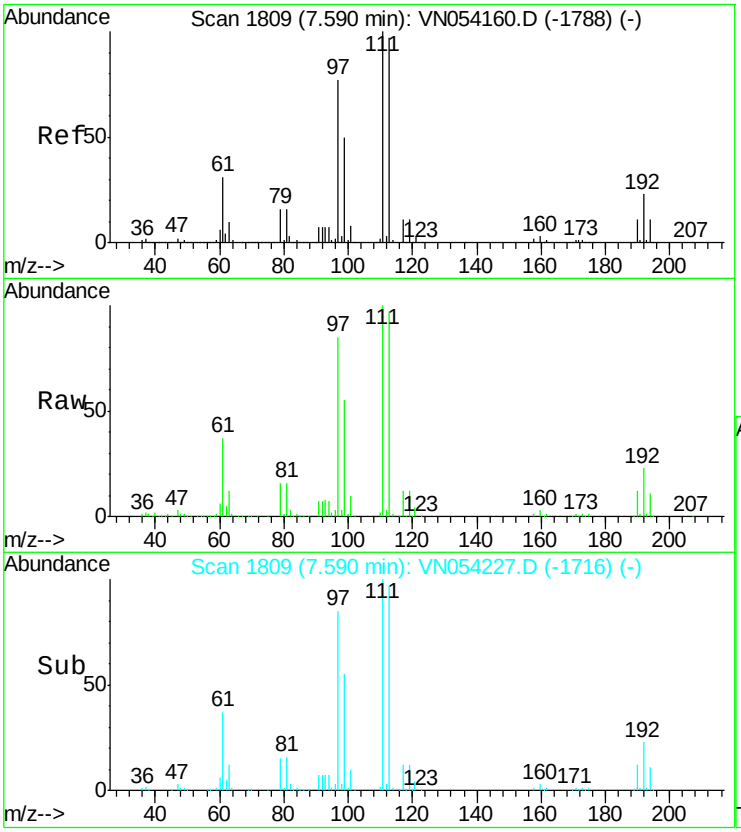


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:114 Resp: 2137109

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	14.6	0.0	30.2



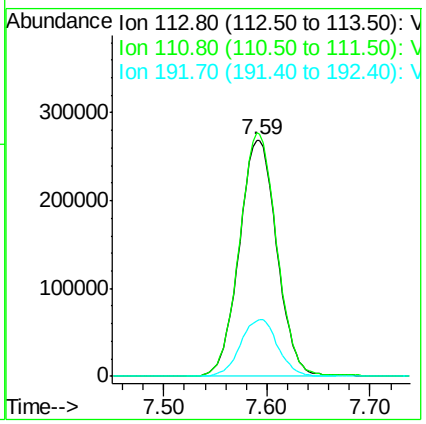


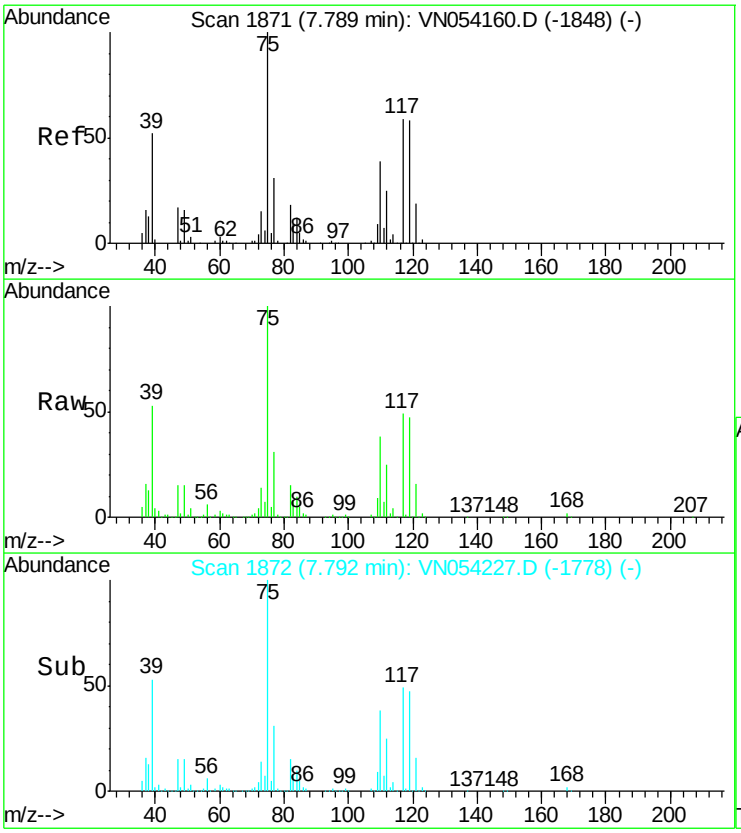
#35
Dibromofluoromethane
Concen: 49.449 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 681573

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	24.0	19.2	28.8

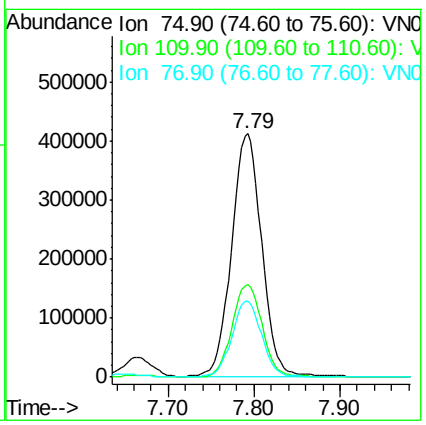


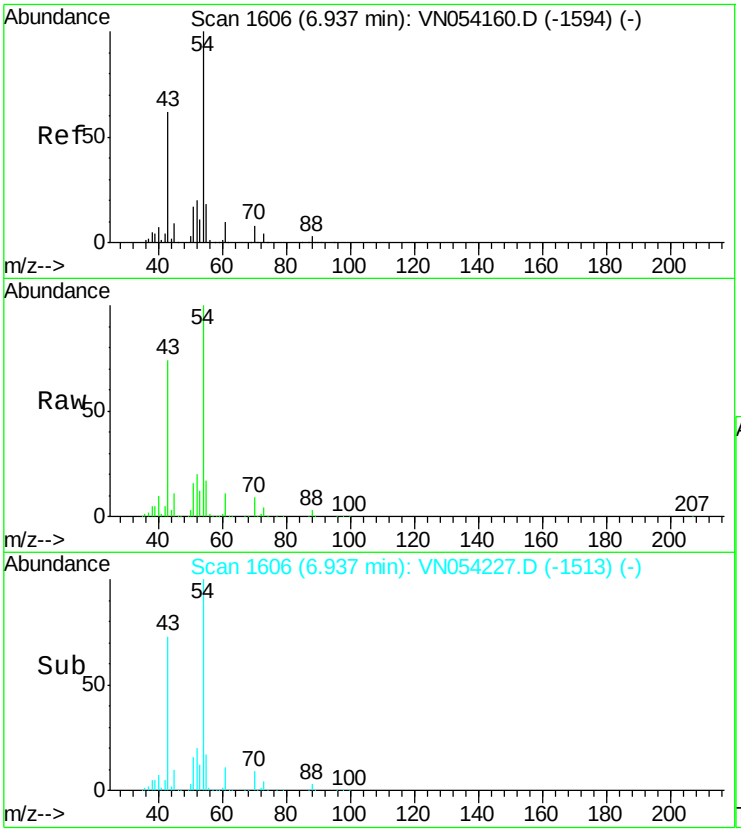


#36
1,1-Dichloropropene
Concen: 50.672 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 75 Resp: 997278

Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.1	57.5
77	31.1	25.0	37.4



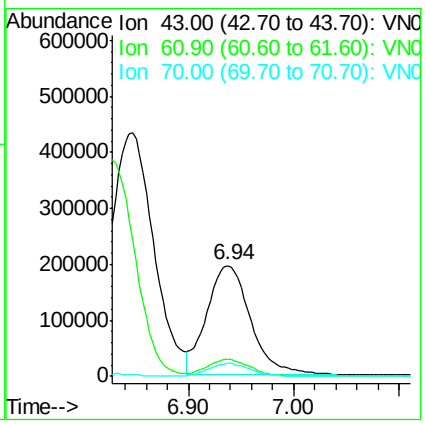


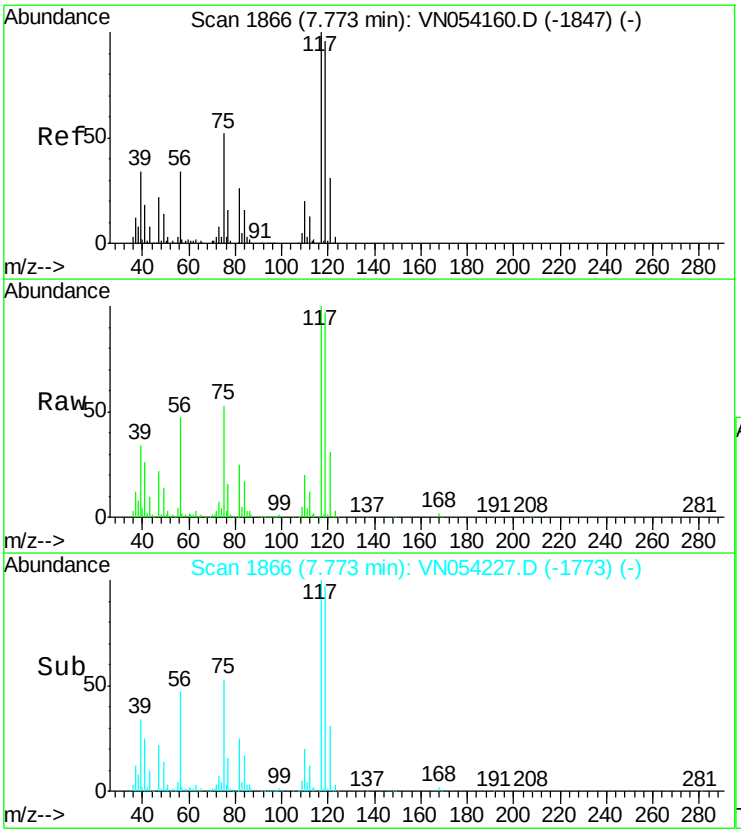
#37
Ethyl Acetate
Concen: 49.629 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 561229

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.6
70	11.1	8.4	12.6

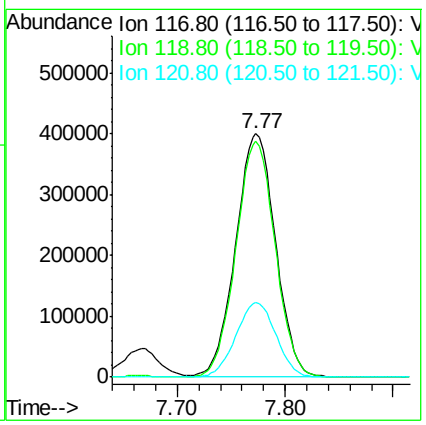


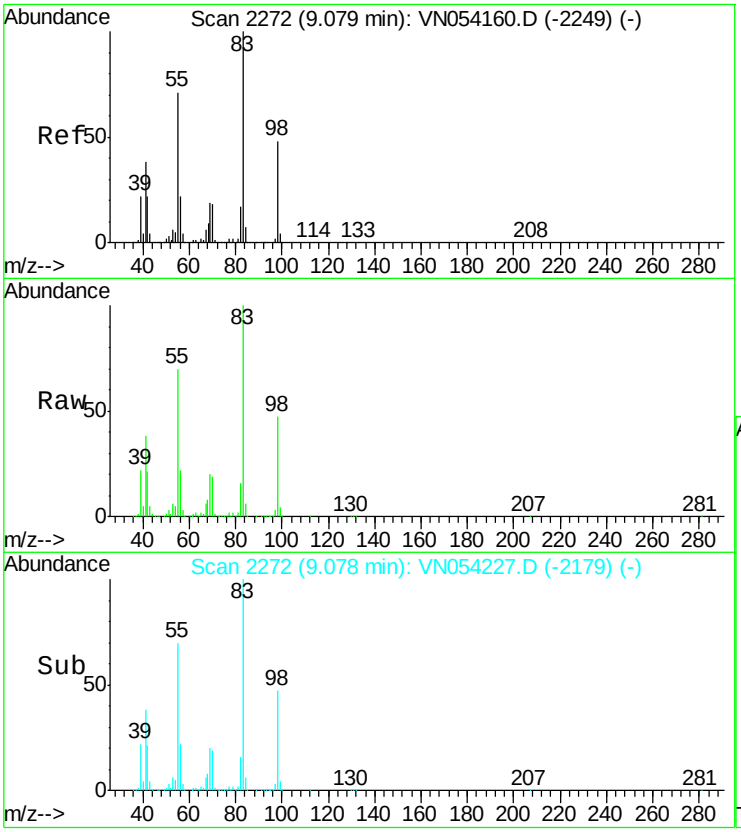


#38
Carbon Tetrachloride
Concen: 49.500 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:117 Resp: 1021632

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.3	114.5
121	31.0	24.6	36.8



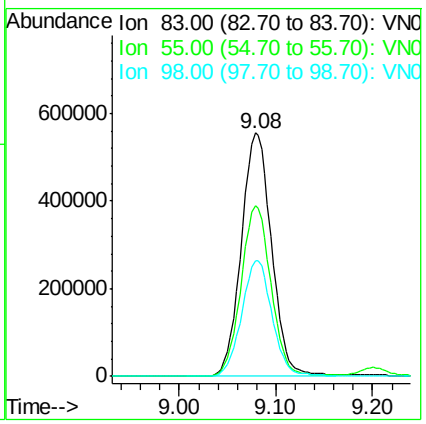


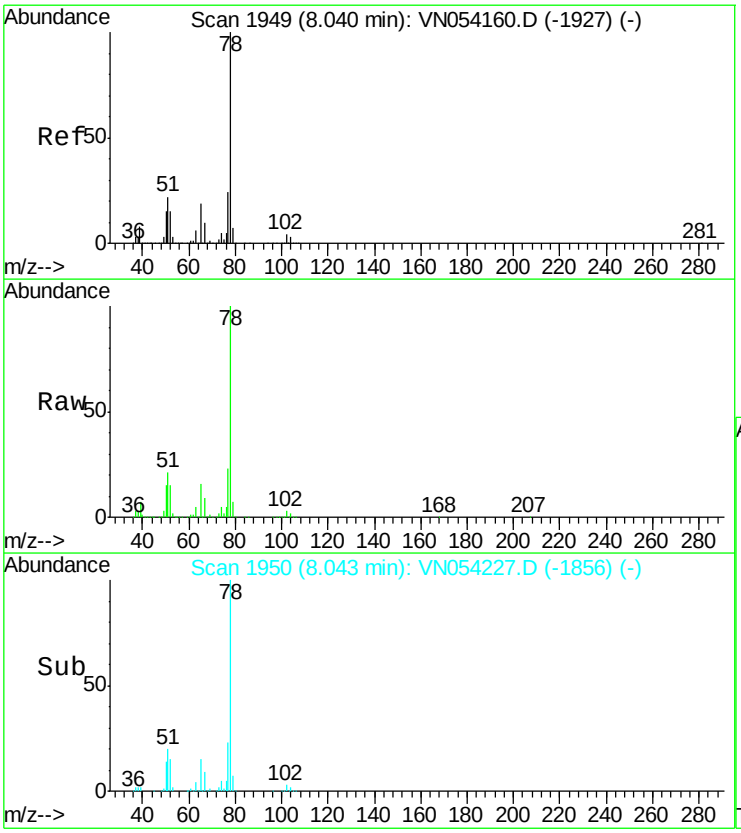
#39
Methylcyclohexane
Concen: 49.916 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 1208716

Ion	Ratio	Lower	Upper
83	100		
55	70.0	56.6	84.8
98	47.4	38.4	57.6

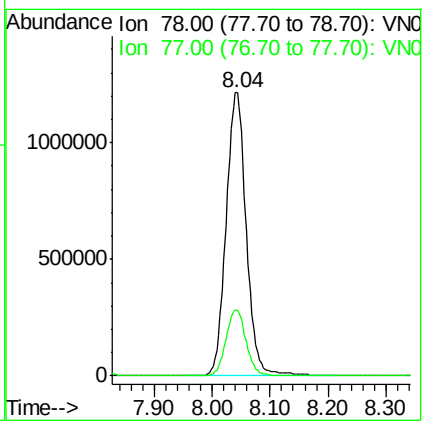


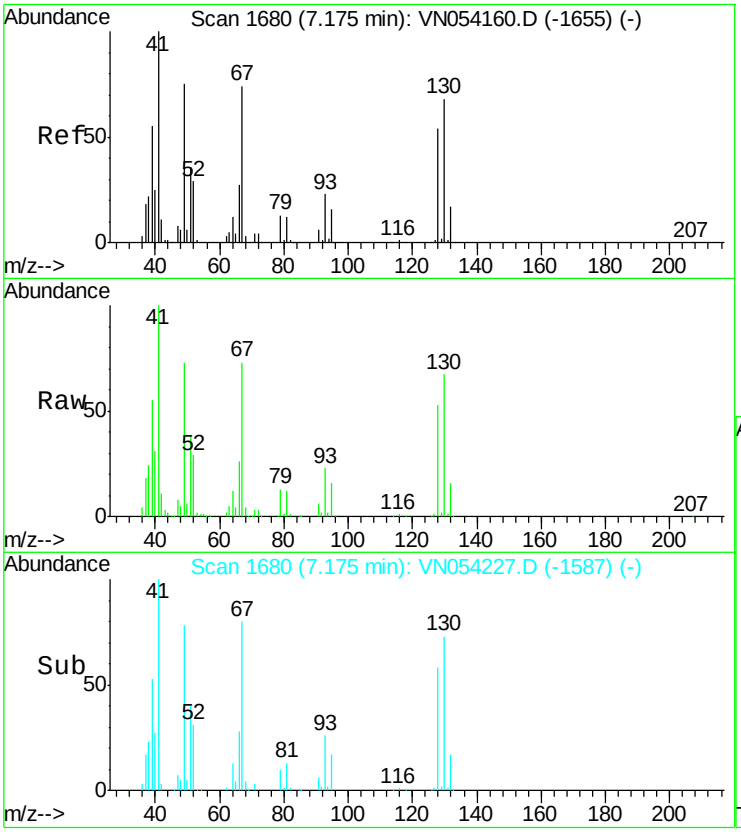


#40
Benzene
Concen: 51.895 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 78 Resp: 2922663

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7



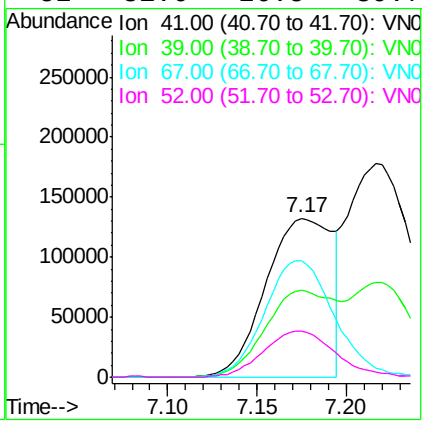


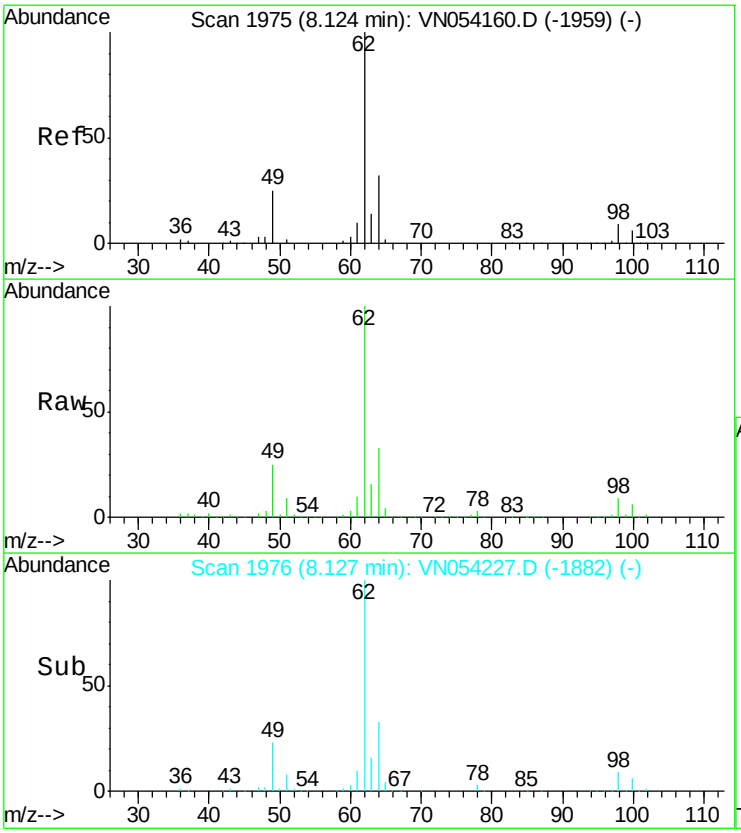
#41
Methacrylonitrile
Concen: 53.008 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 342259

Ion	Ratio	Lower	Upper
41	100		
39	57.9	46.8	70.2
67	78.4	67.0	100.4
52	31.6	26.5	39.7

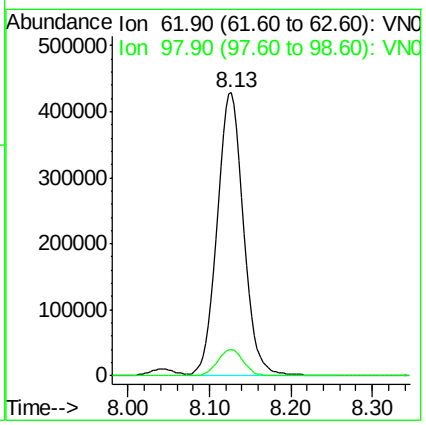


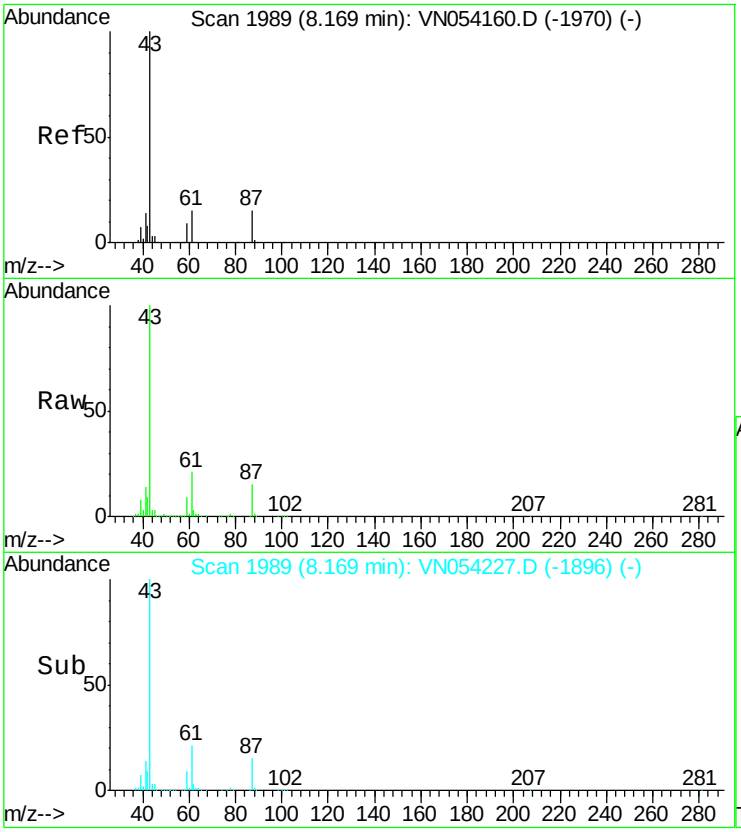


#42
1,2-Dichloroethane
Concen: 51.513 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 62 Resp: 979469

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



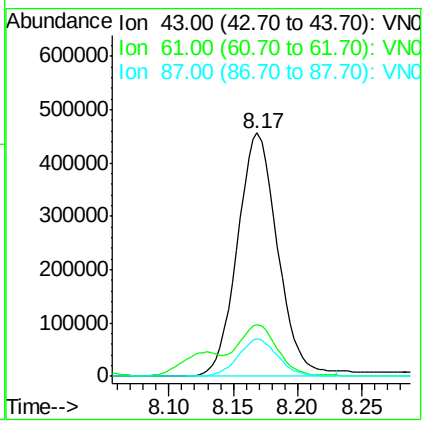


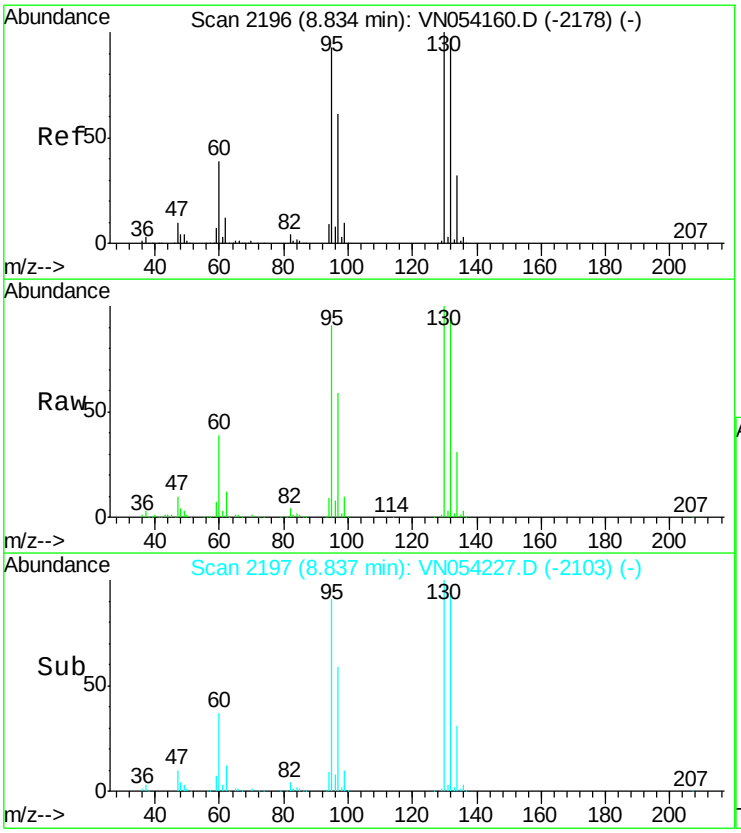
#43
Isopropyl Acetate
Concen: 49.775 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 988008

Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.8	23.8
87	15.1	12.0	18.0

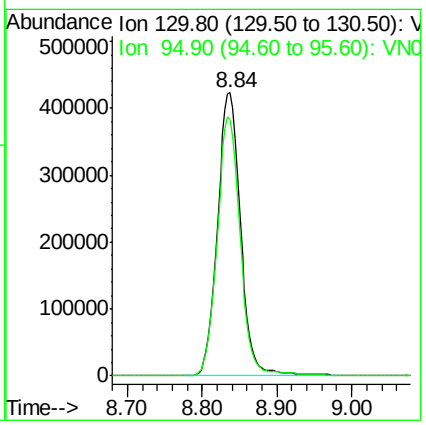


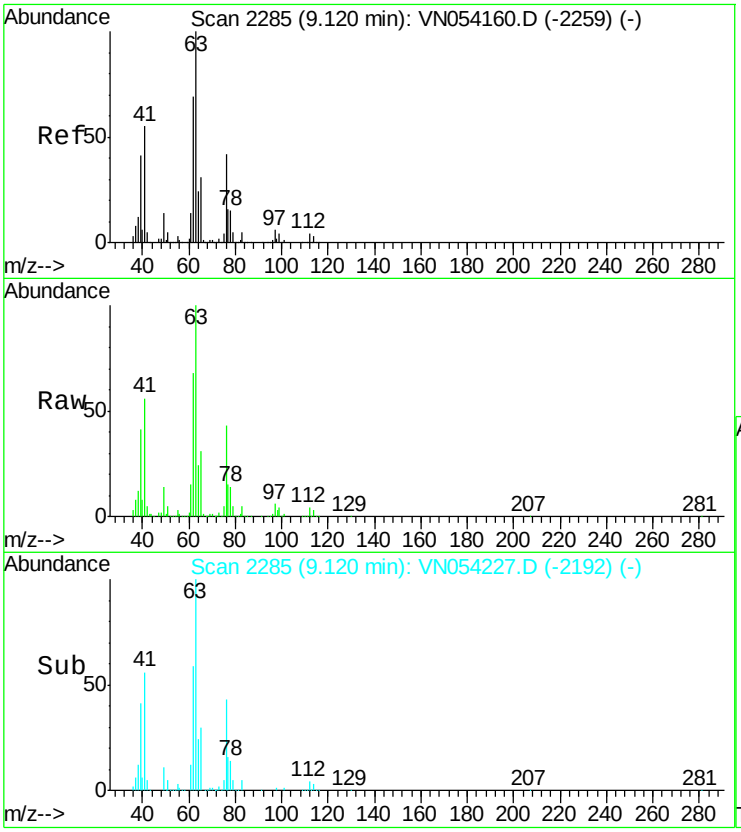


#44
Trichloroethene
Concen: 51.753 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:130 Resp: 905441

Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	185.2



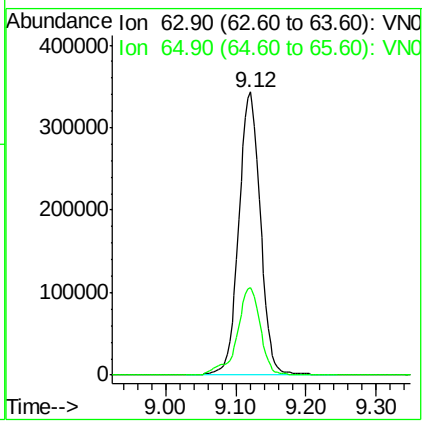


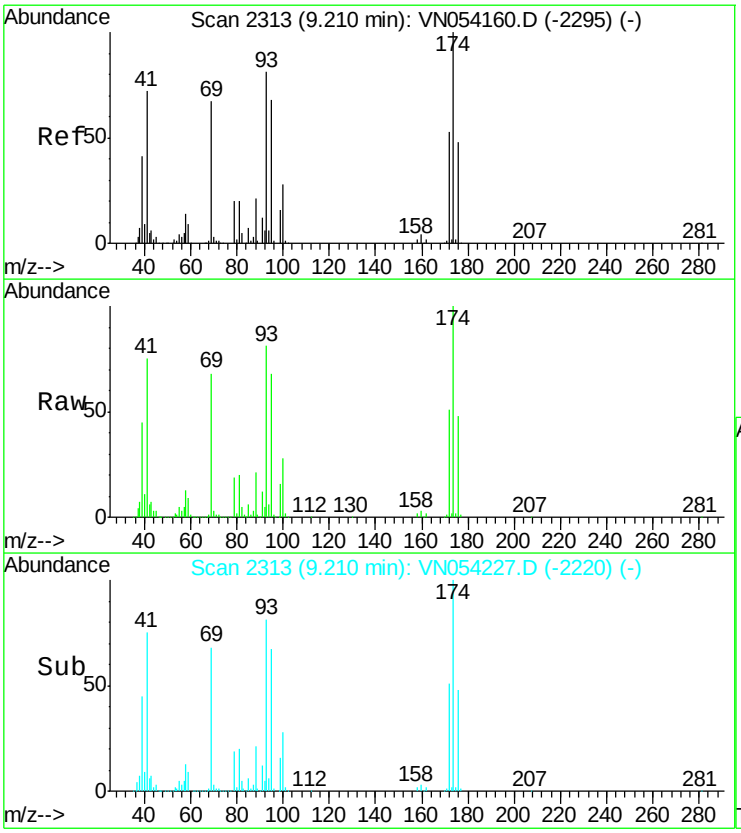
#45
1,2-Dichloropropane
Concen: 52.454 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 733545

Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.6

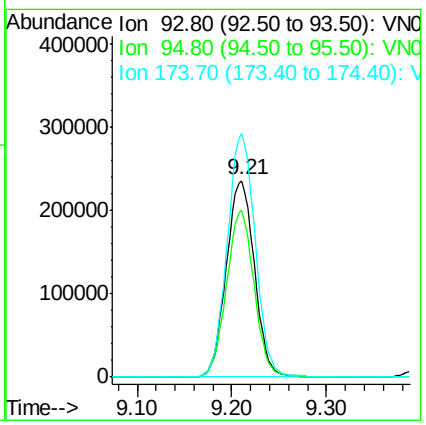


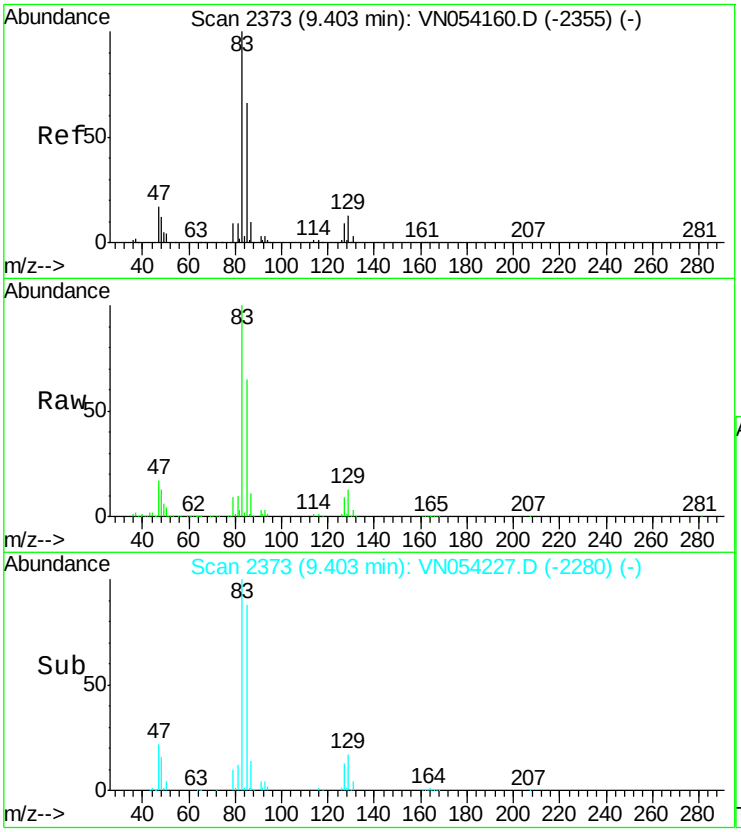


#46
Dibromomethane
Concen: 51.878 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 93 Resp: 490189

Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.7	100.1
174	122.8	98.5	147.7



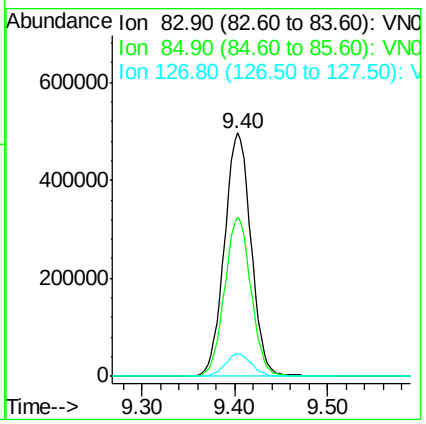


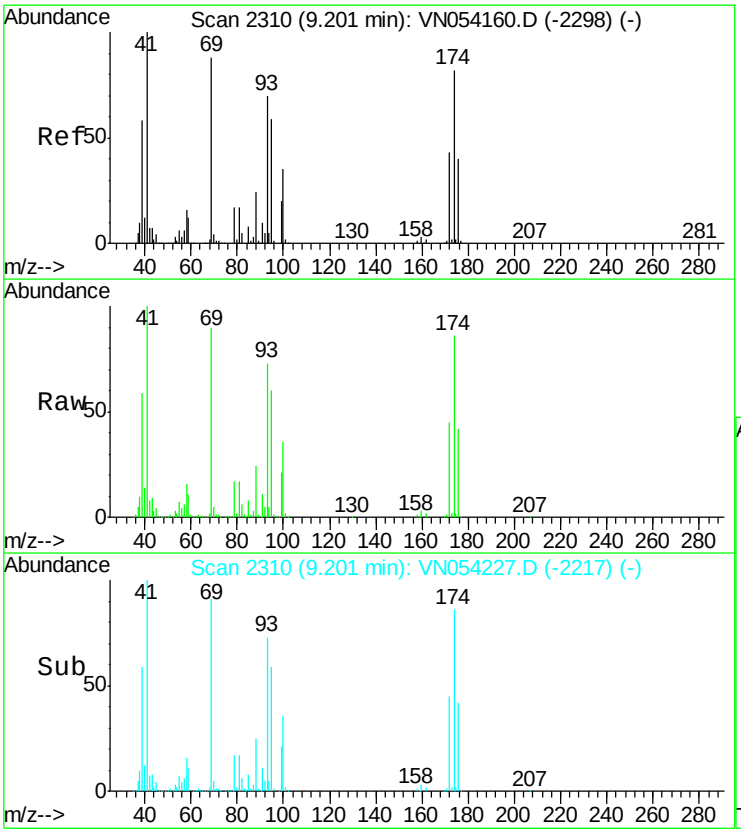
#47
Bromodichloromethane
Concen: 52.021 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 985404

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.8	79.2
127	9.3	7.4	11.2

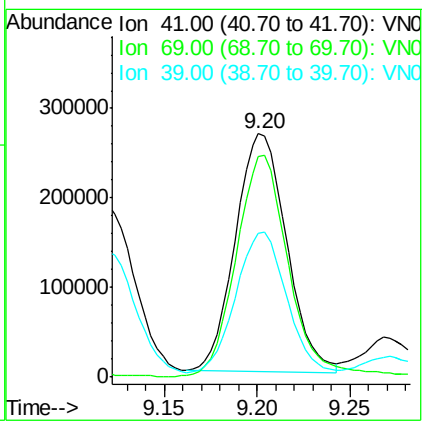


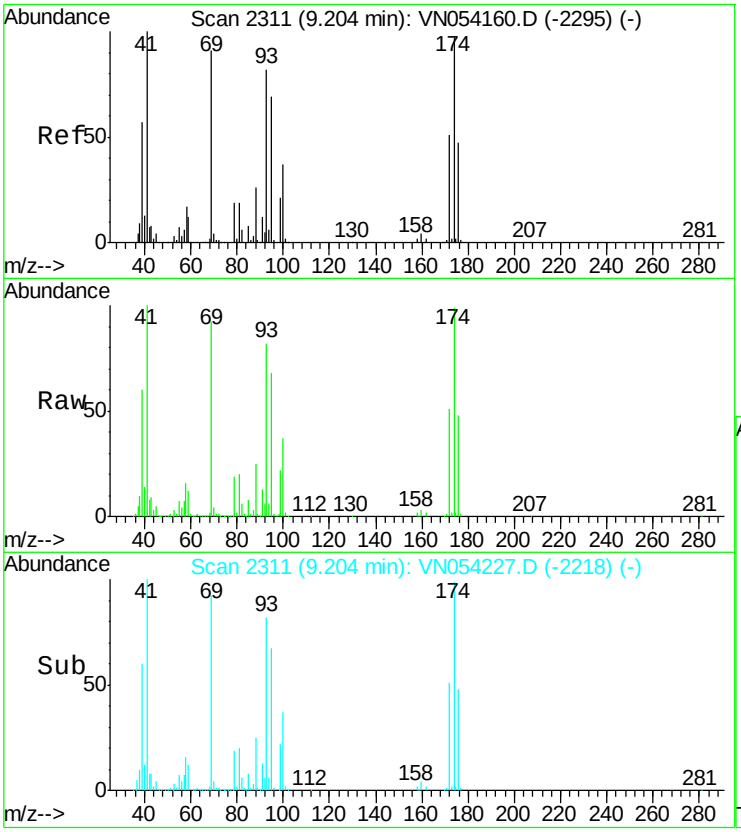


#48
Methyl methacrylate
Concen: 50.503 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 41 Resp: 508728

Ion	Ratio	Lower	Upper
41	100		
69	95.9	72.6	108.8
39	61.7	47.5	71.3



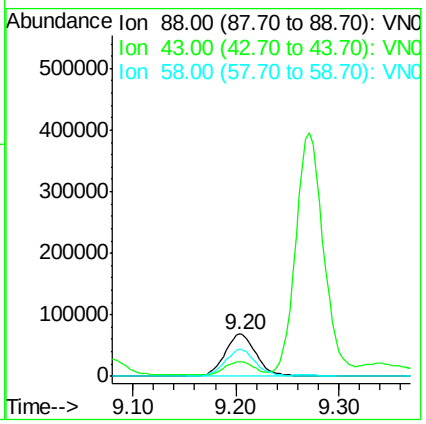


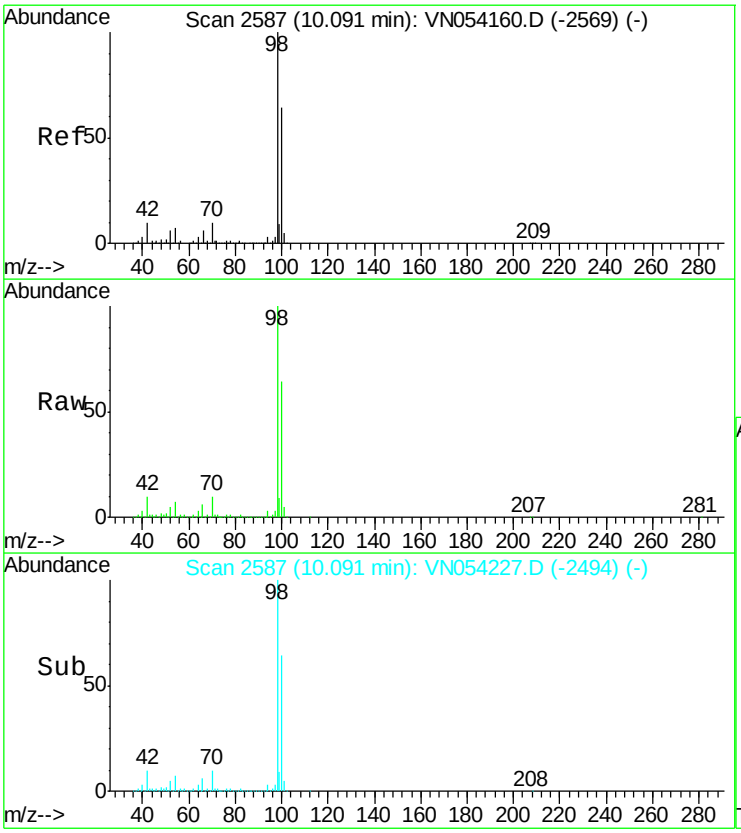
#49
1,4-Dioxane
Concen: 1022.122 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 145637

Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.1	36.1
58	62.5	50.8	76.2

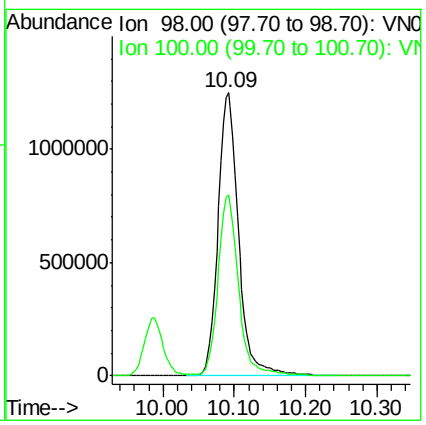


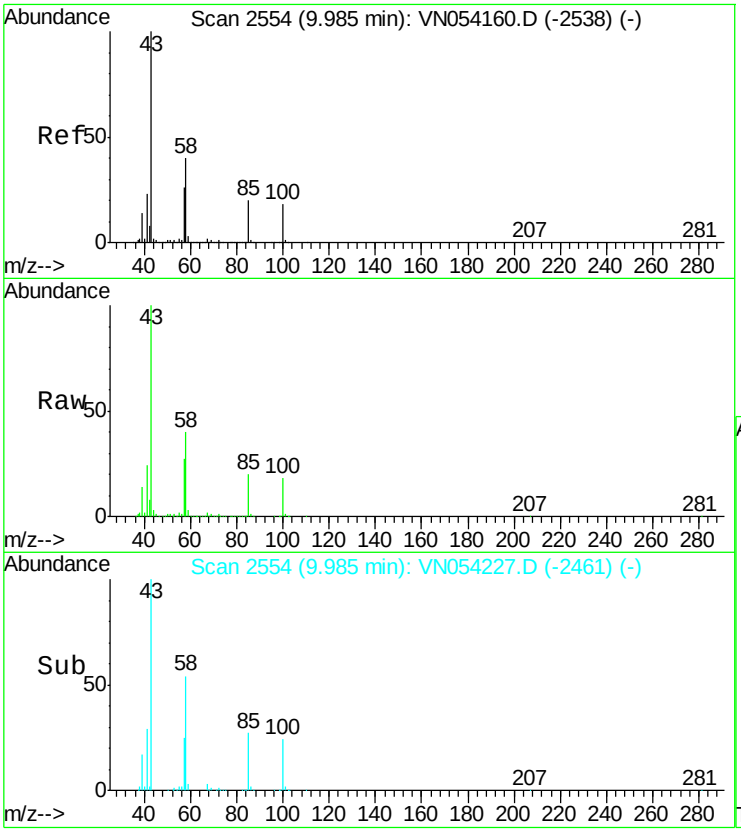


#50
Toluene-d8
Concen: 48.887 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 98 Resp: 2488570

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



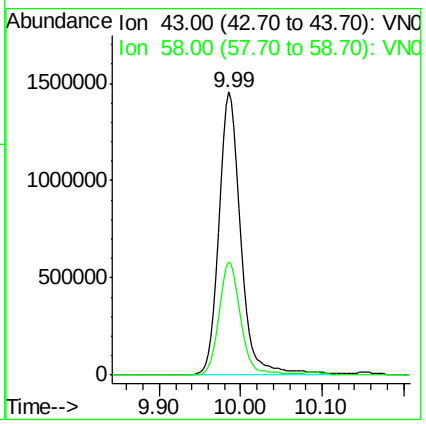


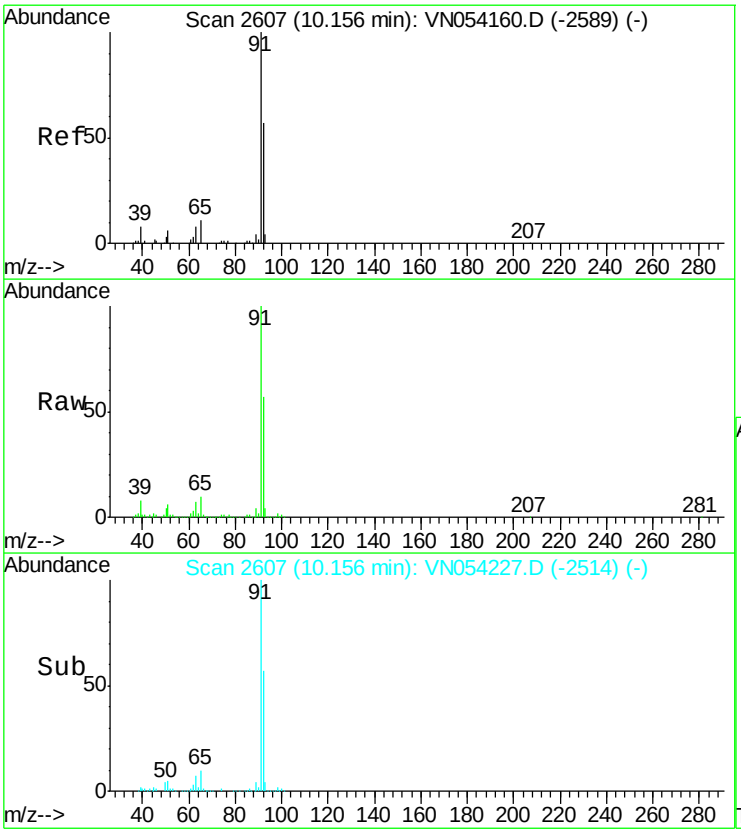
#51
4-Methyl-2-Pentanone
Concen: 263.386 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2766724

Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.8	47.6

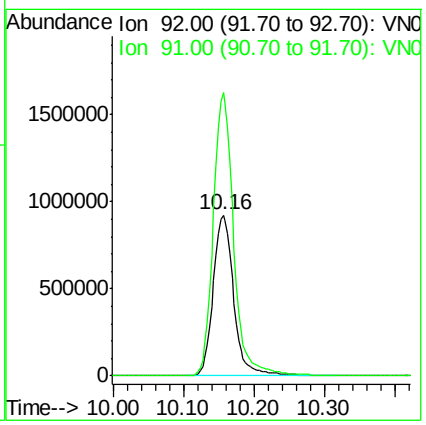


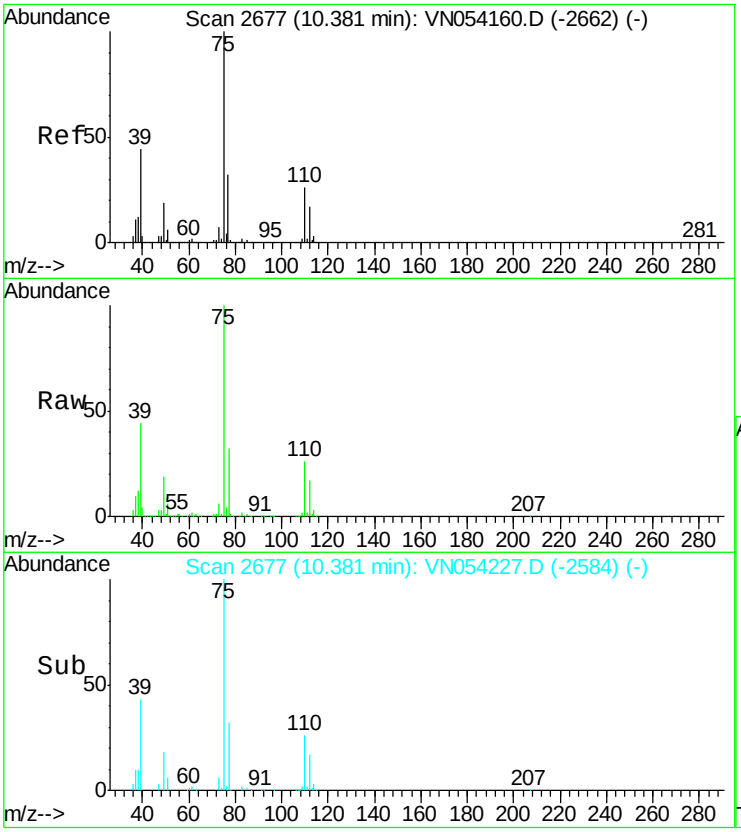


#52
Toluene
Concen: 52.331 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 92 Resp: 1868734

Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.7	211.1



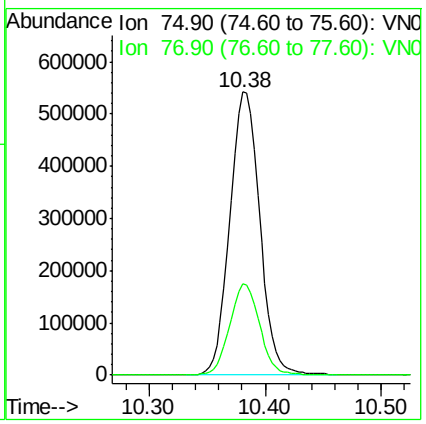


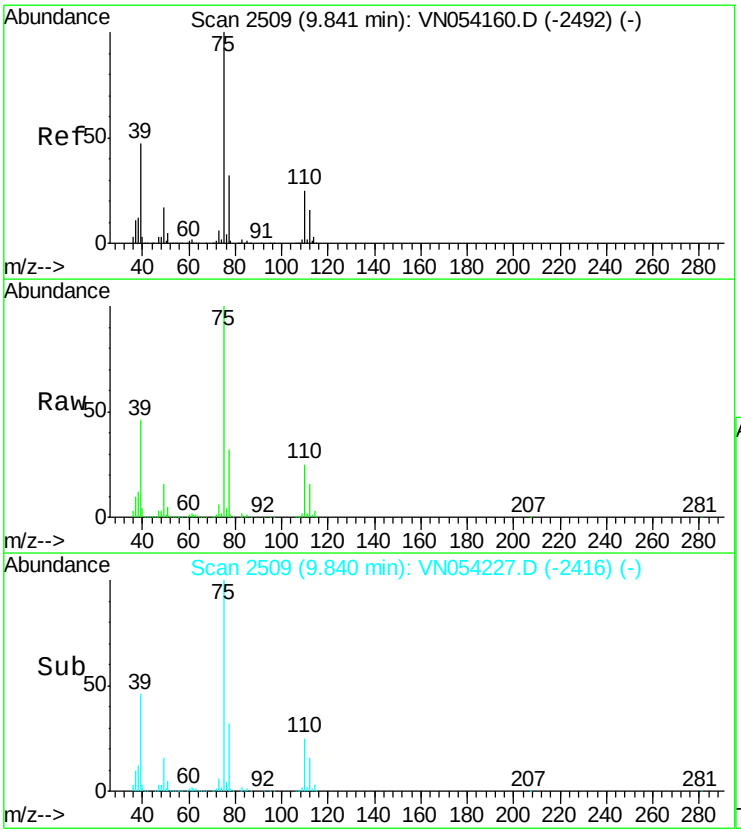
#53
t-1,3-Dichloropropene
Concen: 44.960 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 969565

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8

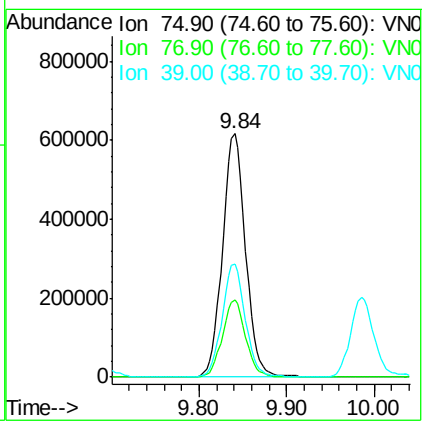


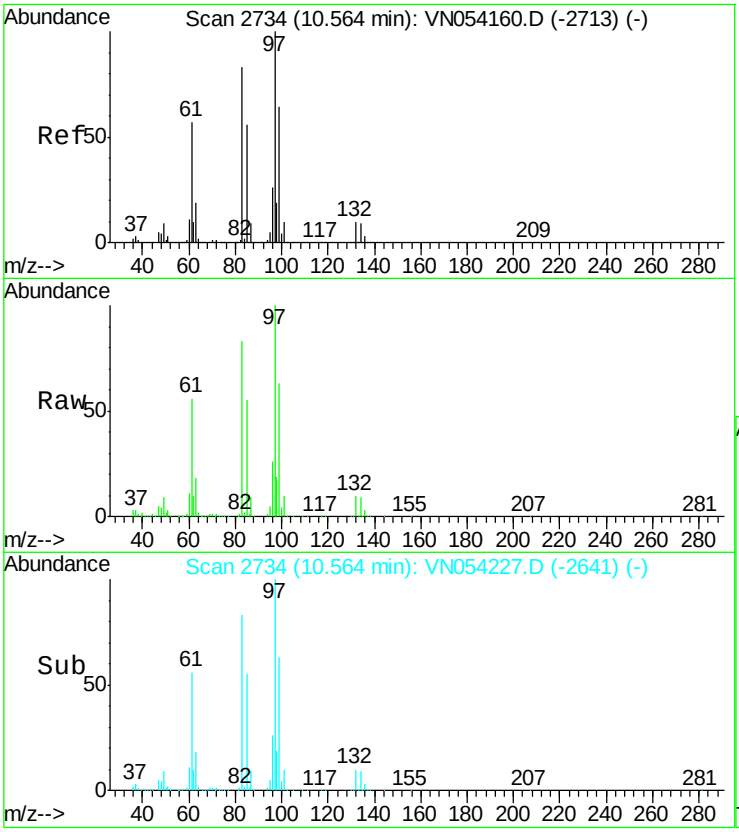


#54
cis-1,3-Dichloropropene
Concen: 51.067 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 75 Resp: 1127242

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	46.2	37.2	55.8



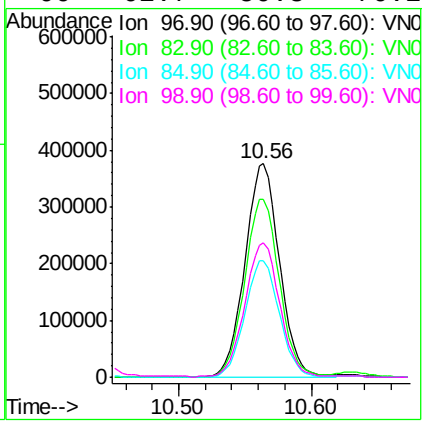


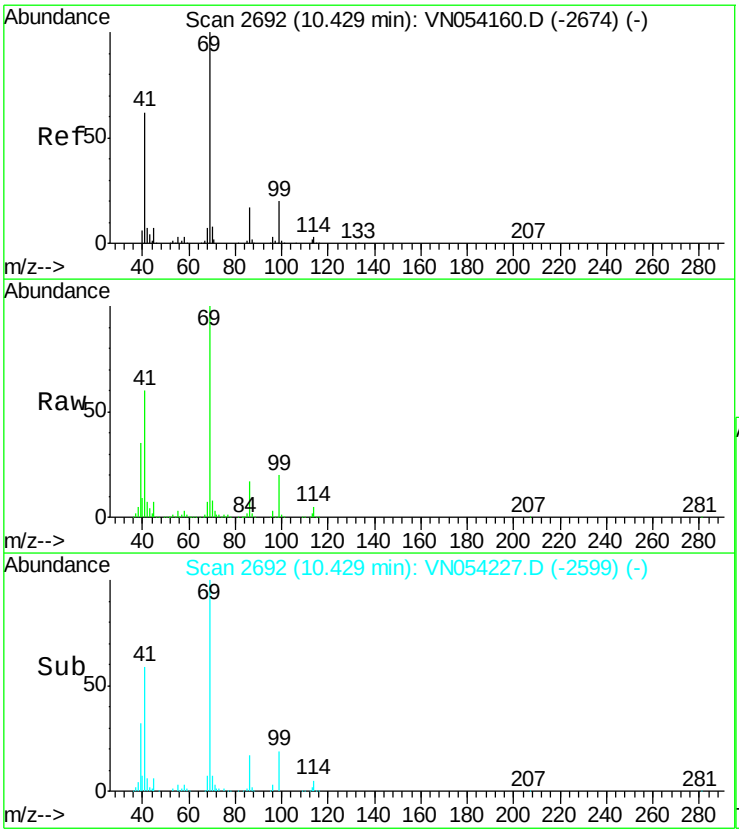
#55
1,1,2-Trichloroethane
Concen: 52.437 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 683735

Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.6	100.0
85	54.7	44.4	66.6
99	62.7	50.8	76.2

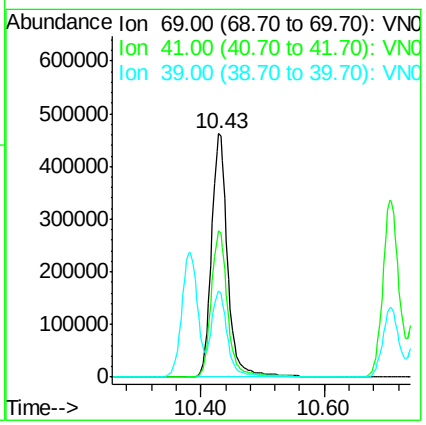


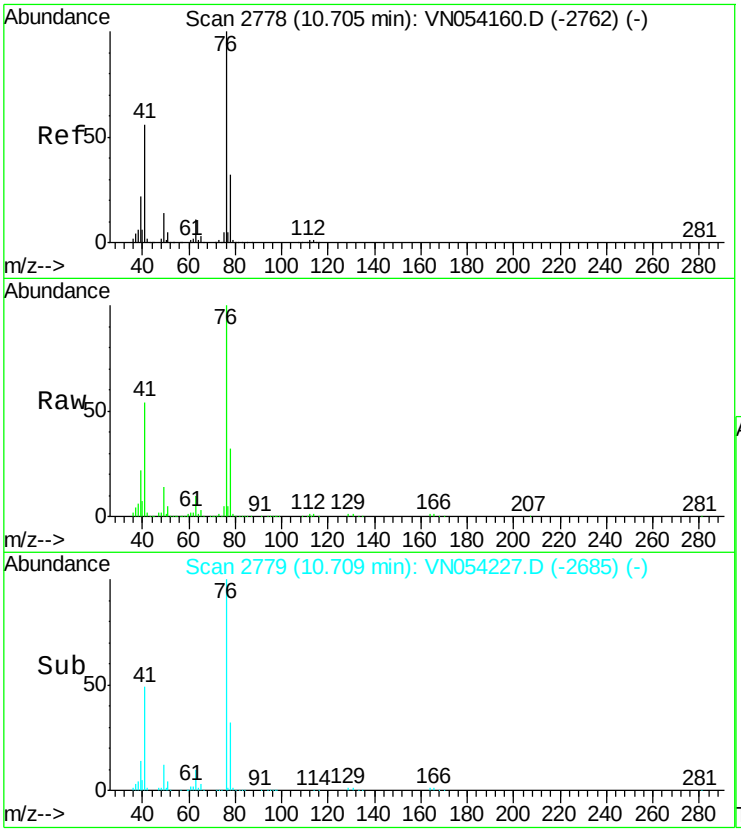


#56
Ethyl methacrylate
Concen: 53.516 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 69 Resp: 832032

Ion	Ratio	Lower	Upper
69	100		
41	59.9	49.4	74.2
39	34.4	28.3	42.5



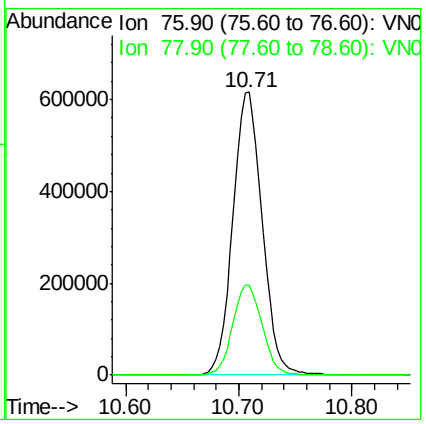


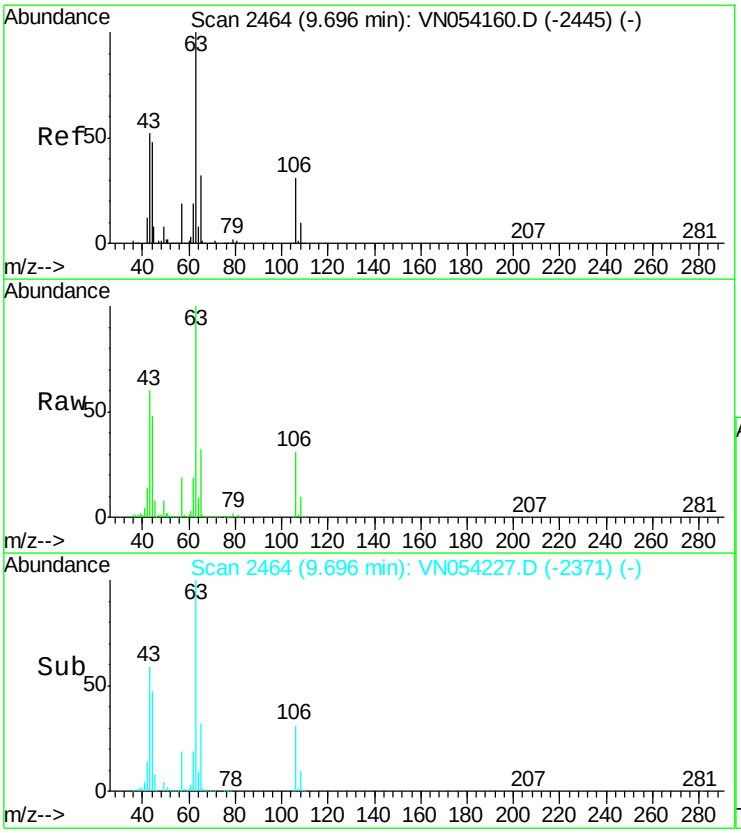
#57
1,3-Dichloropropane
Concen: 52.278 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 1114609

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

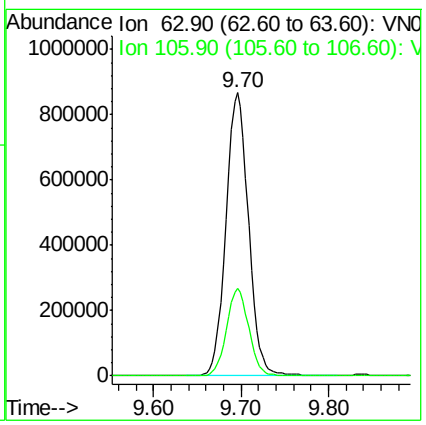


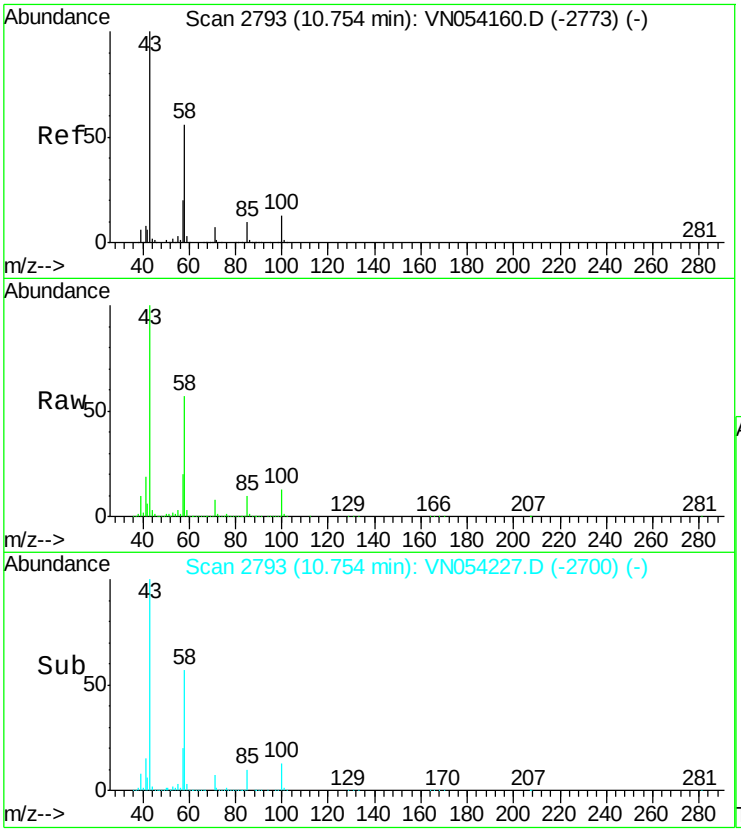


#58
2-Chloroethyl Vinyl ether
Concen: 231.070 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 63 Resp: 1549388

Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.4	36.6



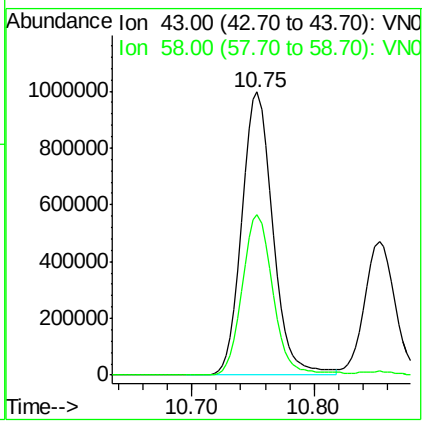


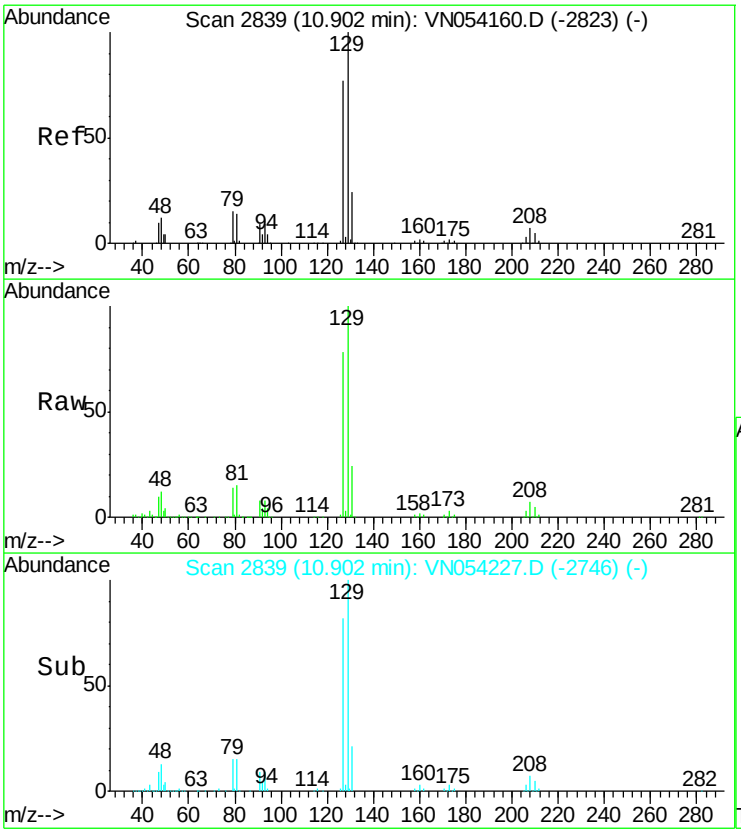
#59
2-Hexanone
Concen: 249.052 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1740778

Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.0	83.9

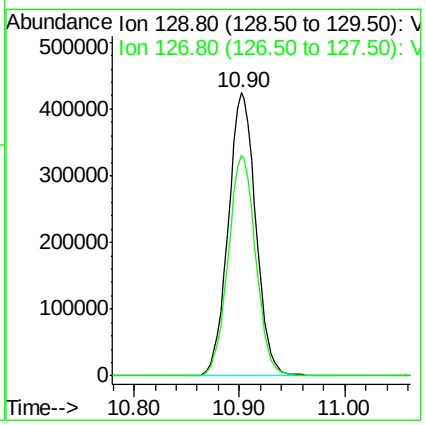


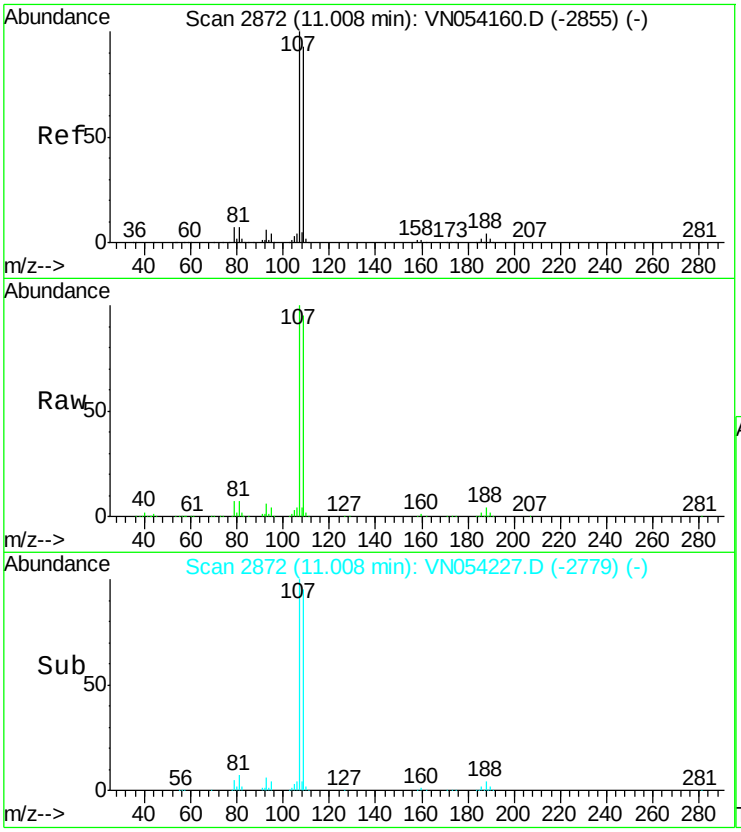


#60
Dibromochloromethane
Concen: 52.077 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:129 Resp: 764301

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.8



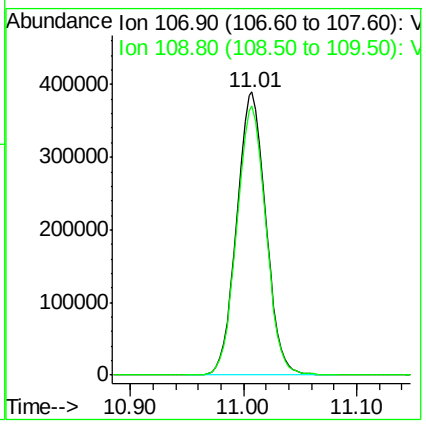


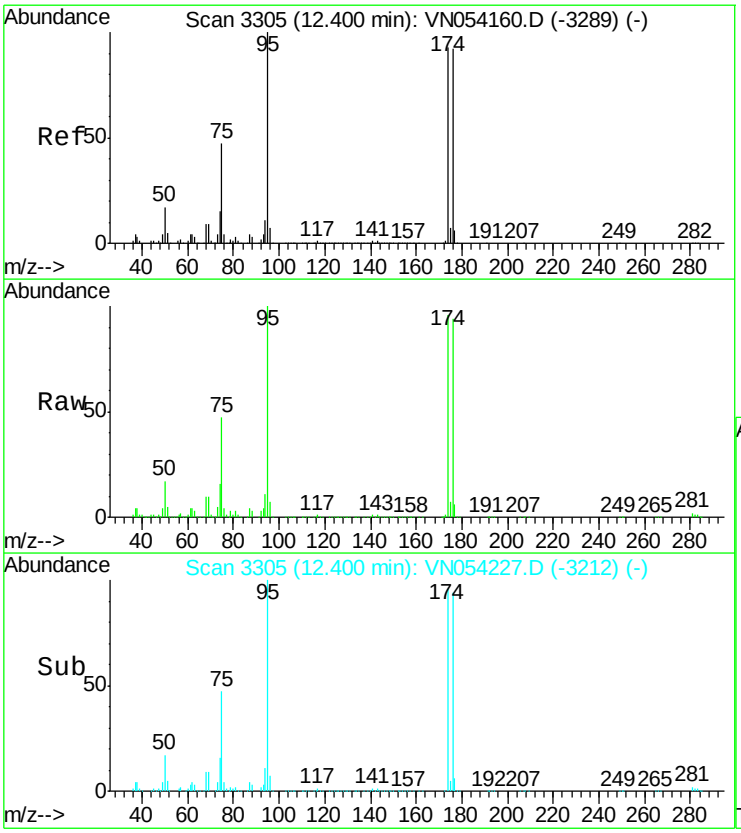
#61
1,2-Dibromoethane
Concen: 52.684 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 698087

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.9	113.9

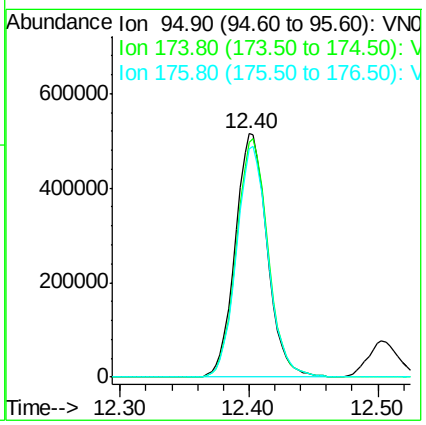


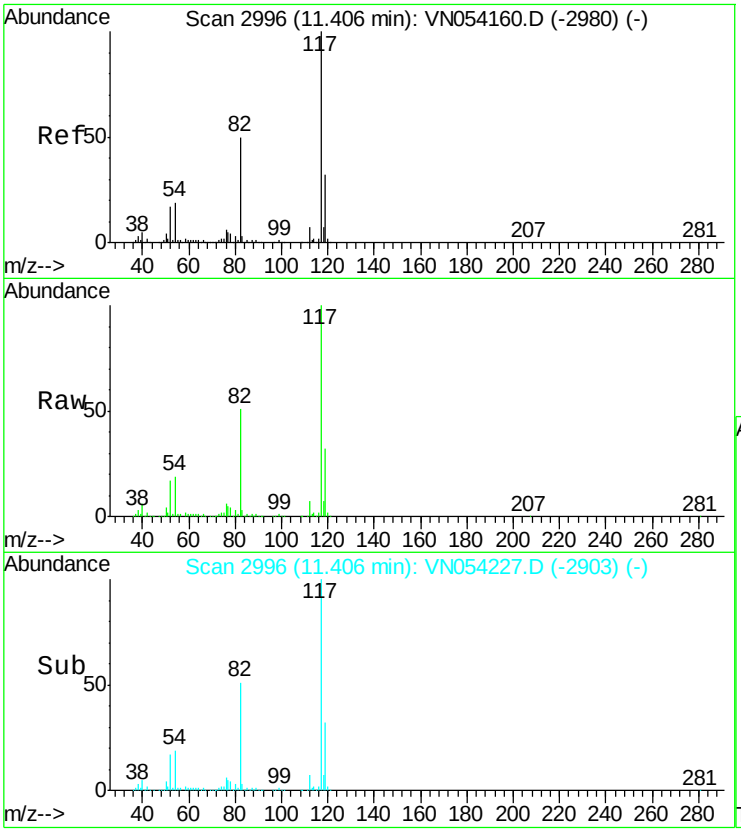


#62
4-Bromofluorobenzene
Concen: 49.767 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 95 Resp: 886427

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	191.0
176	94.1	0.0	187.4



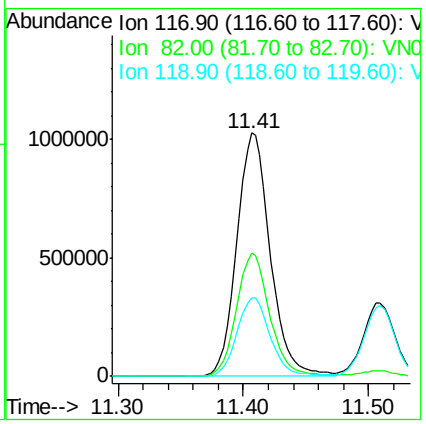


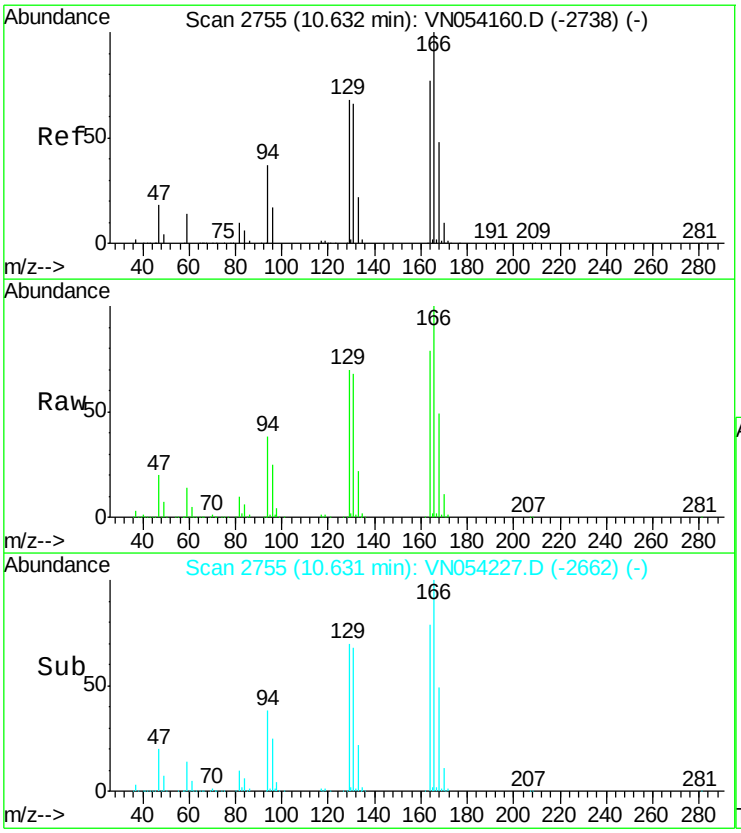
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1905685

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.0	60.0
119	32.4	25.8	38.6

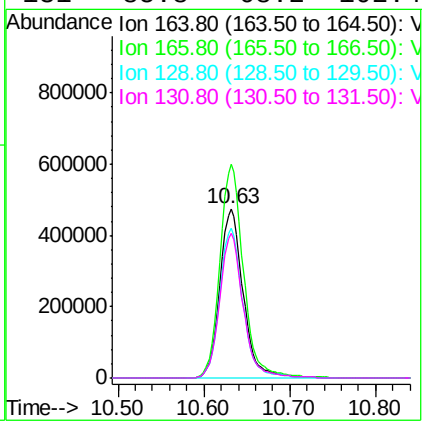


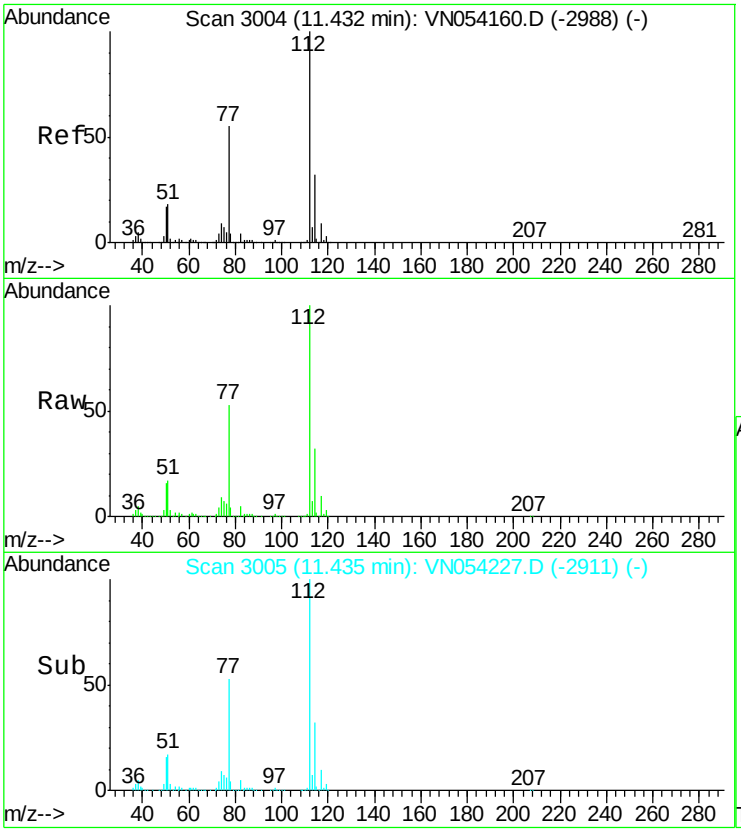


#64
Tetrachloroethene
Concen: 48.873 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:164 Resp: 900485

Ion	Ratio	Lower	Upper
164	100		
166	126.4	103.9	155.9
129	88.3	71.1	106.7
131	85.8	68.2	102.4



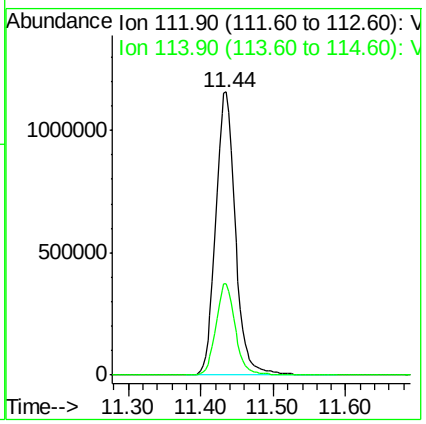


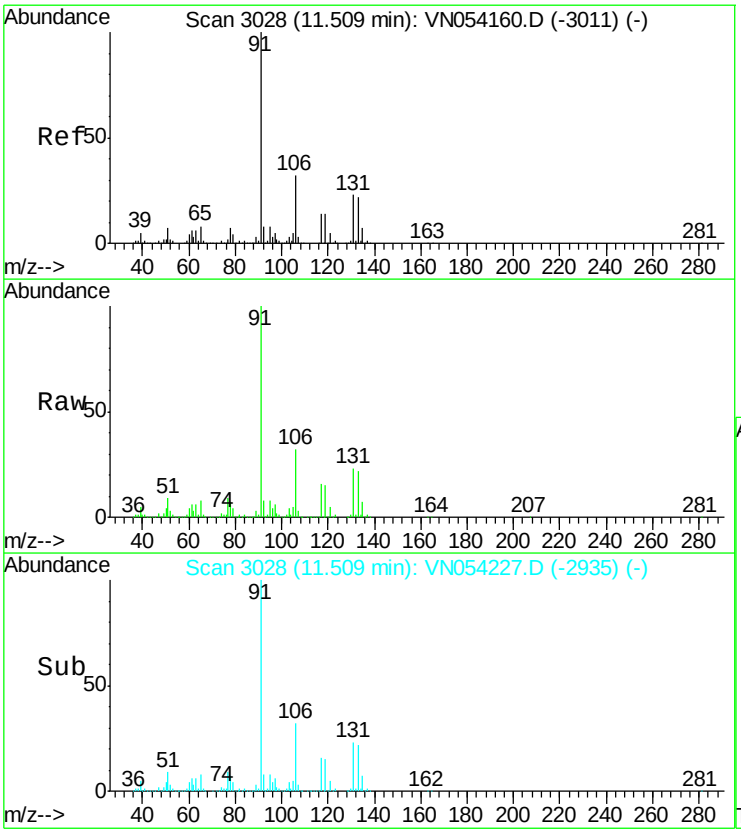
#65
Chlorobenzene
Concen: 51.879 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 2170823

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.9	38.9

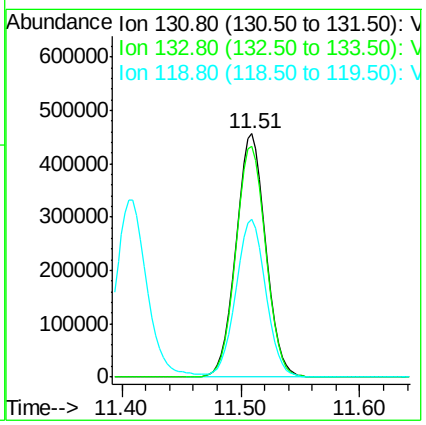


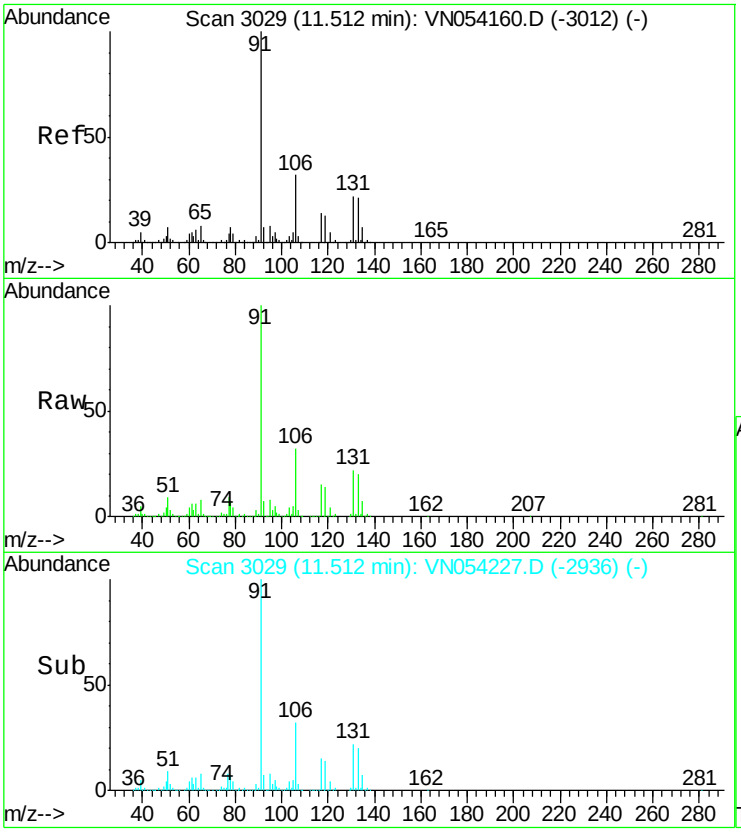


#66
1,1,1,2-Tetrachloroethane
Concen: 51.828 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:131 Resp: 787815

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.6	142.9
119	65.7	32.4	97.0



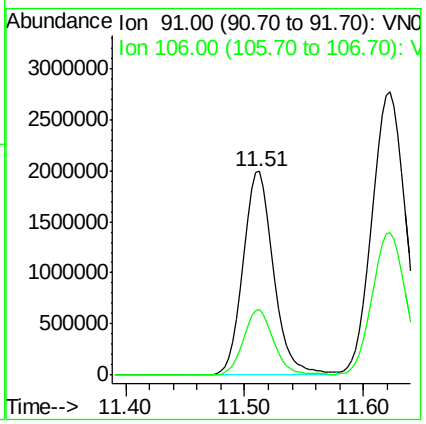


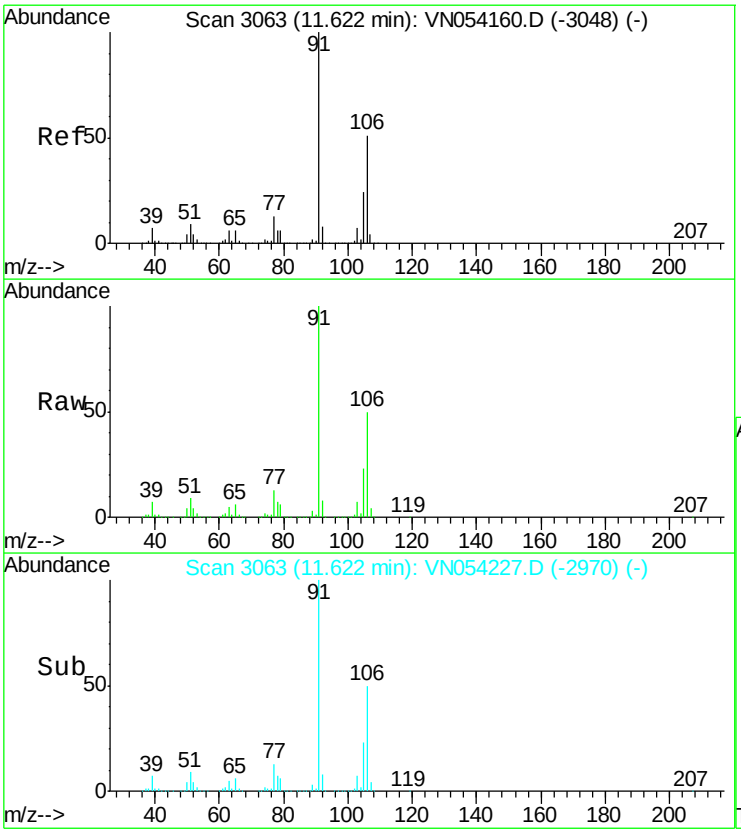
#67
Ethyl Benzene
Concen: 51.180 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 3549977

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.5	38.3

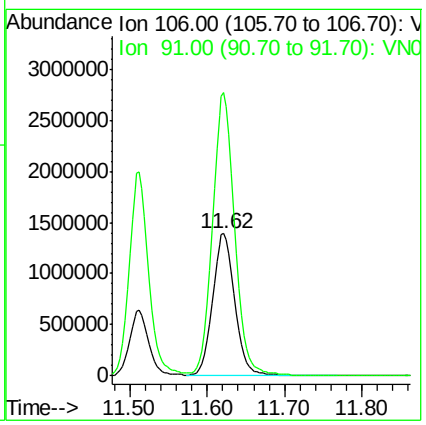


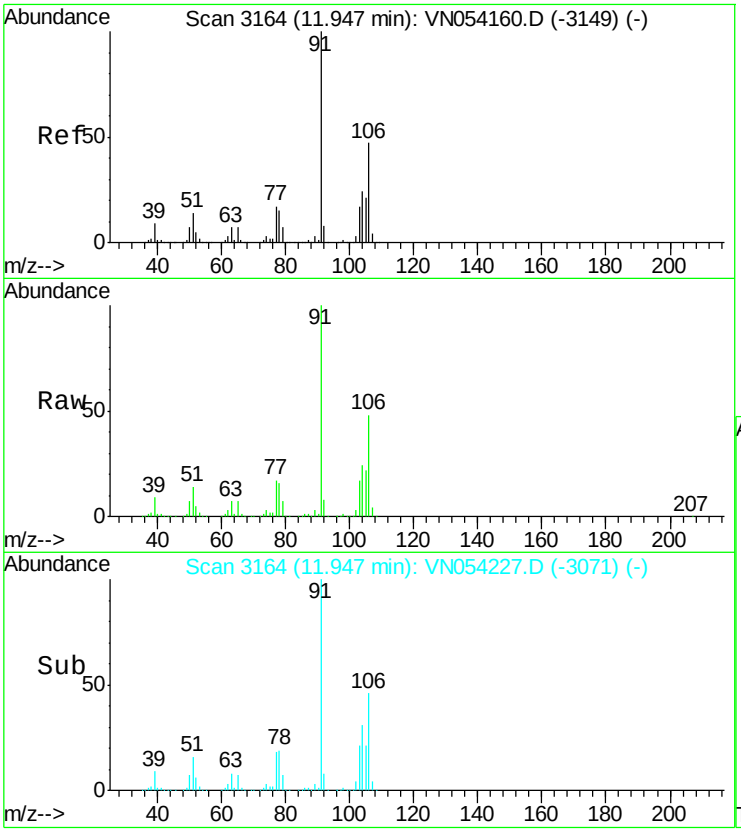


#68
m/p-Xylenes
Concen: 103.694 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:106 Resp: 2811168

Ion	Ratio	Lower	Upper
106	100		
91	198.6	159.4	239.2



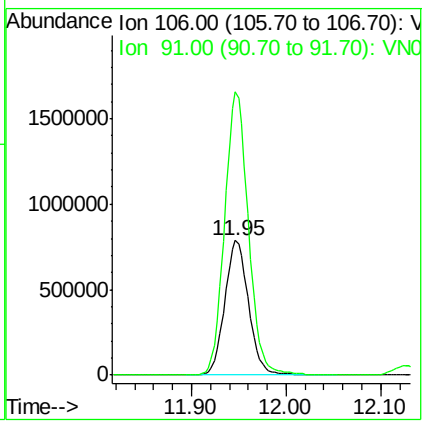


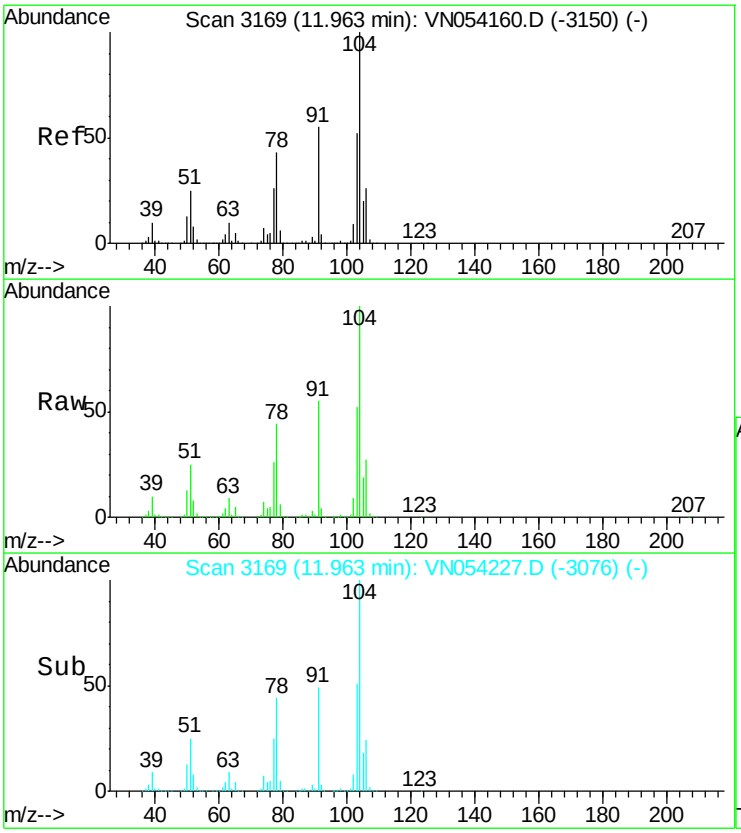
#69
o-Xylene
Concen: 52.061 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 1375868

Ion	Ratio	Lower	Upper
106	100		
91	210.0	105.7	317.1

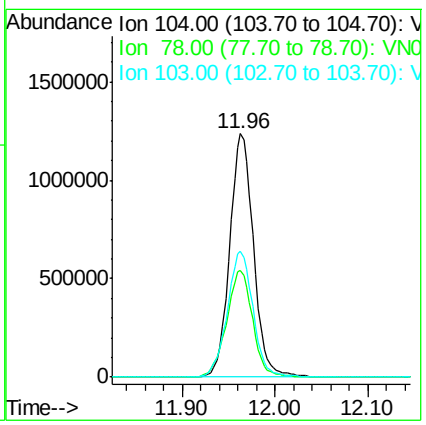


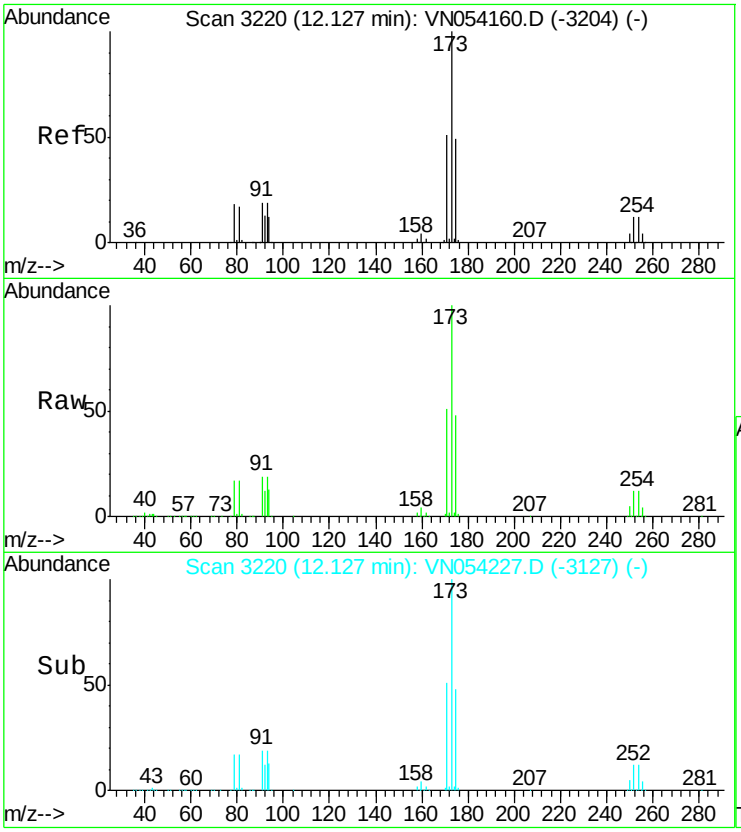


#70
Styrene
Concen: 52.954 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:104 Resp: 2194836

Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.2	57.2
103	56.0	44.4	66.6



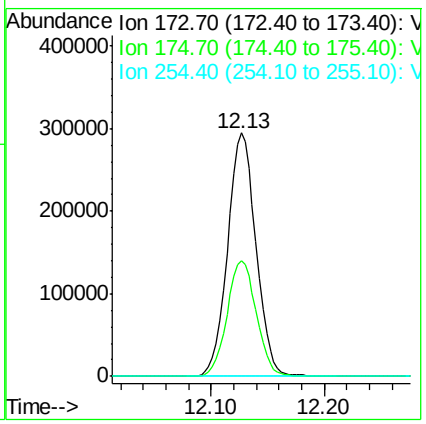


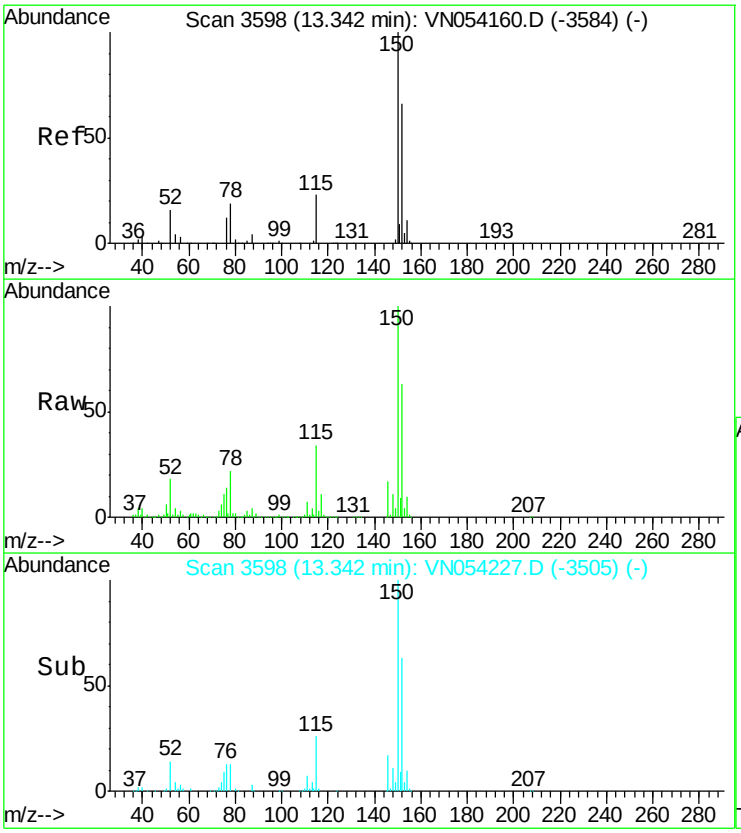
#71
Bromoform
Concen: 44.569 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 513331

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.2
254	0.1	0.1	0.1#

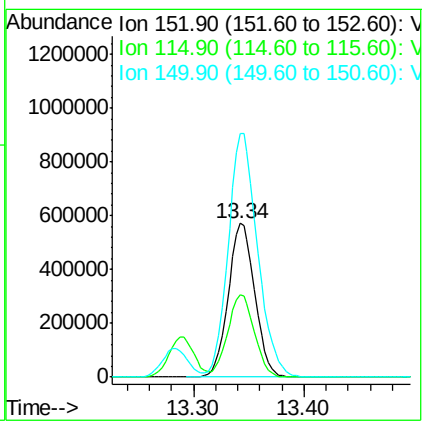


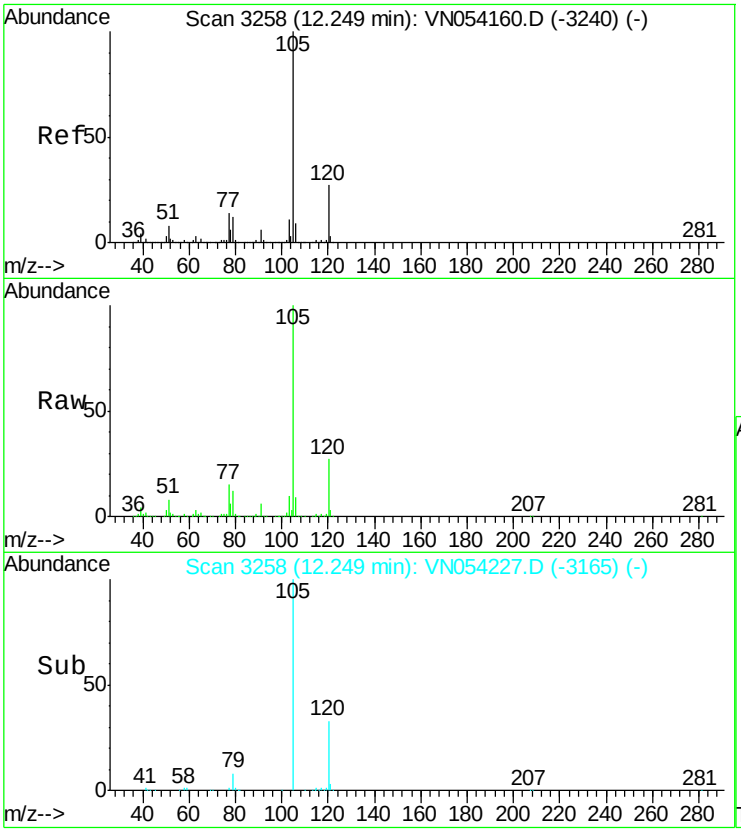


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:152 Resp: 945495

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	175.5	0.0	349.2



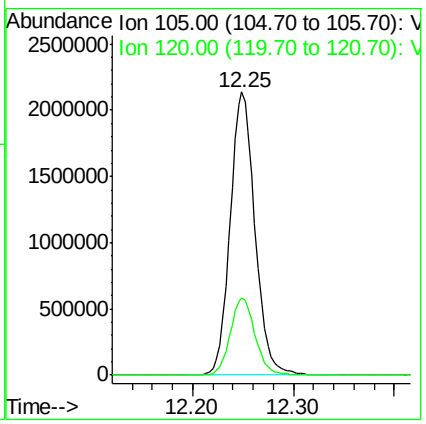


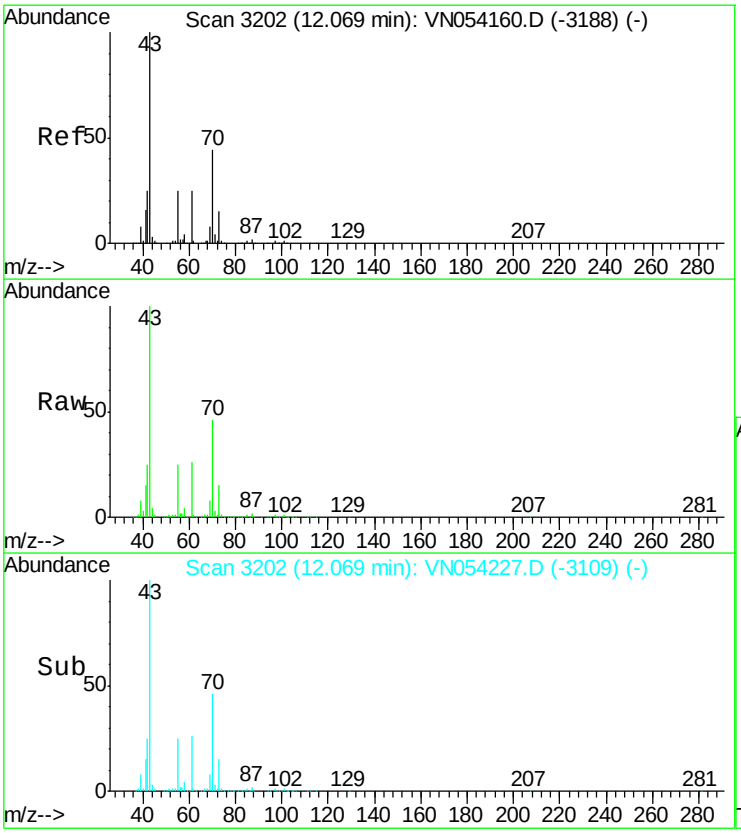
#73
Isopropylbenzene
Concen: 48.307 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 3654189

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

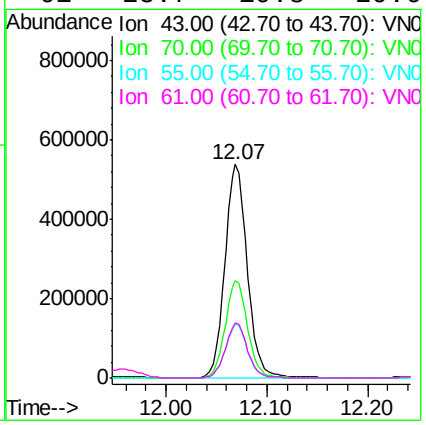


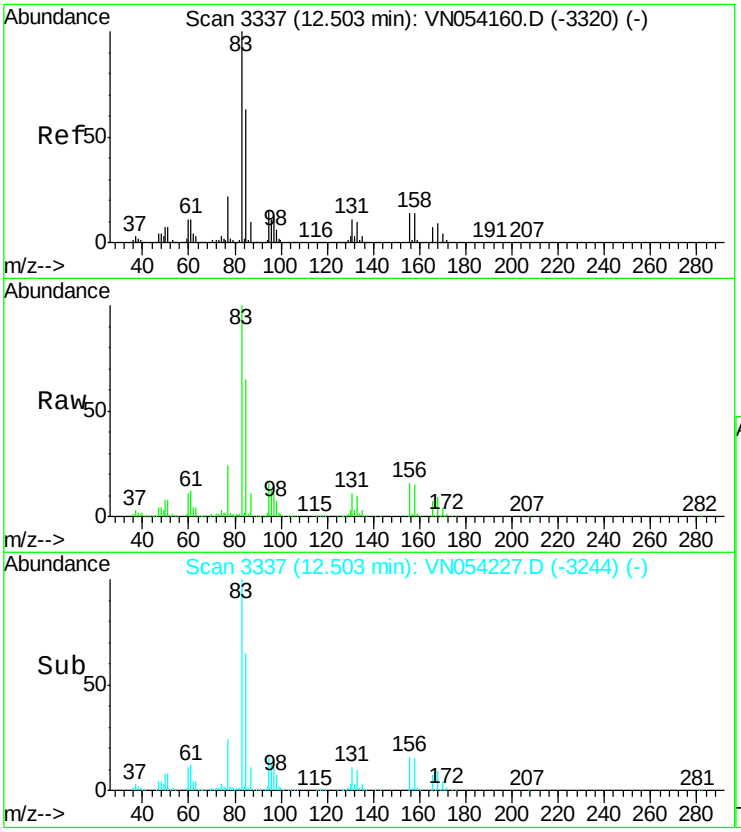


#74
N-amyl acetate
Concen: 49.292 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 43 Resp: 827646

Ion	Ratio	Lower	Upper
43	100		
70	46.2	35.4	53.0
55	25.2	19.8	29.6
61	25.7	19.8	29.6



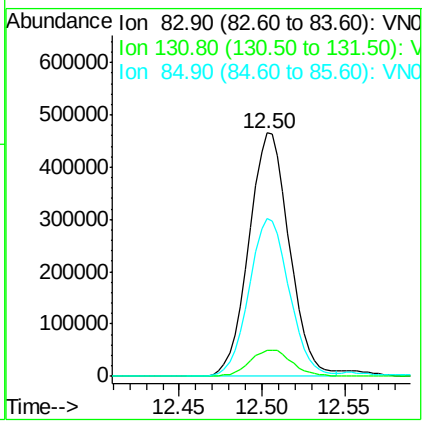


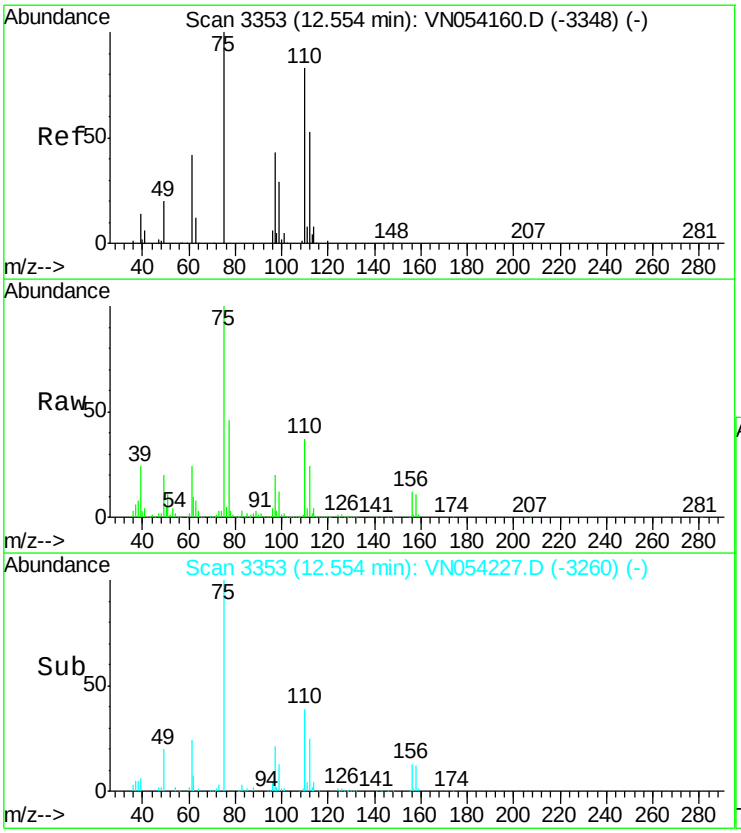
#75
1,1,2,2-Tetrachloroethane
Concen: 49.033 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 790257

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.8	17.4
85	64.4	32.2	96.6

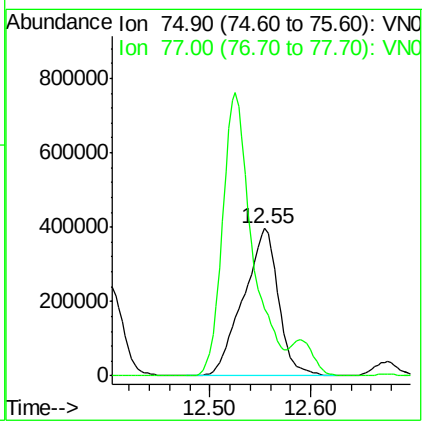


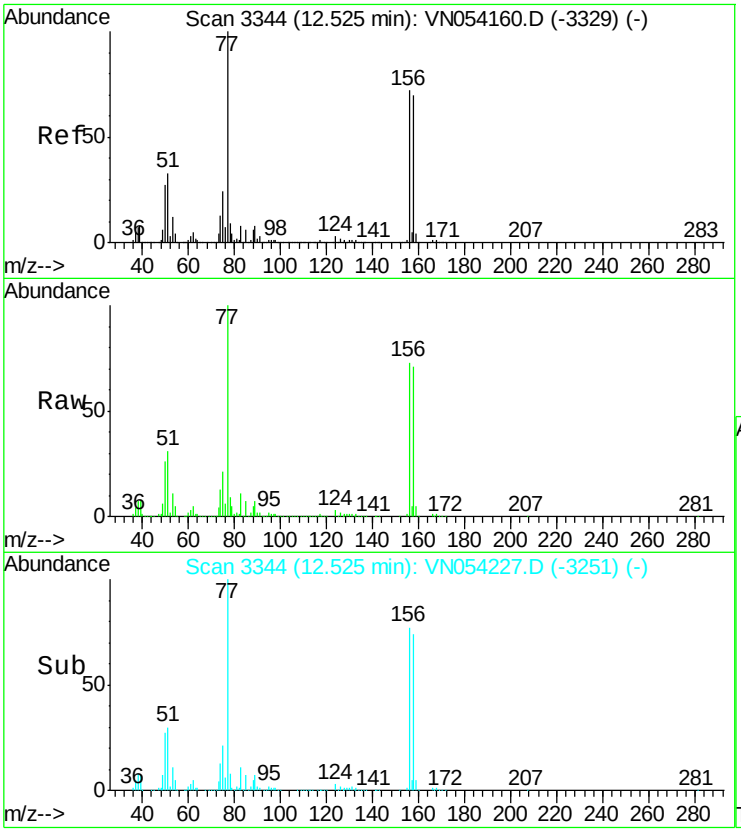


#76
1,2,3-Trichloropropane
Concen: 68.488 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 75 Resp: 952258

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



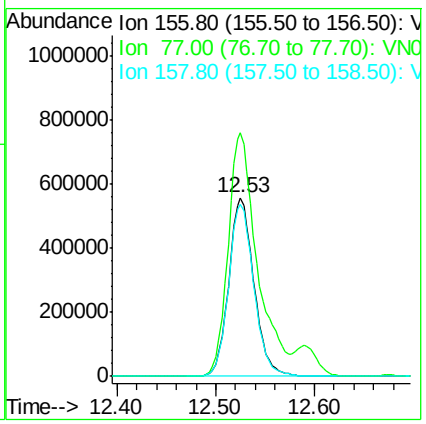


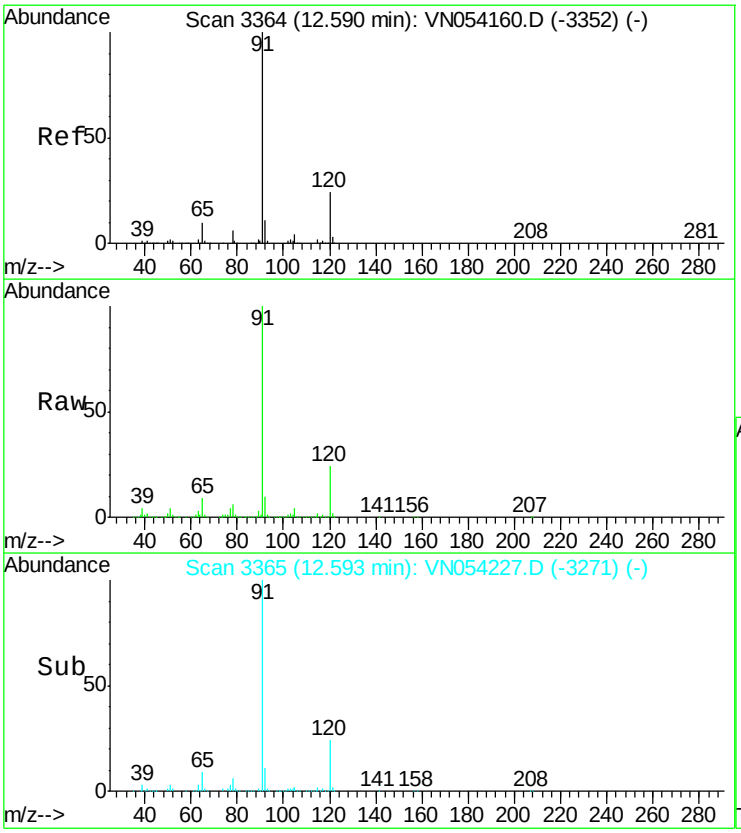
#77
Bromobenzene
Concen: 49.459 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 990027

Ion	Ratio	Lower	Upper
156	100		
77	159.3	81.5	244.4
158	97.1	49.0	147.2

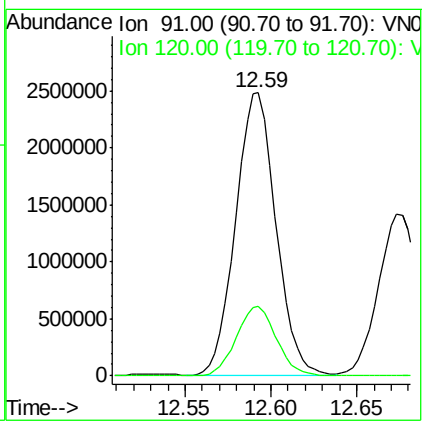


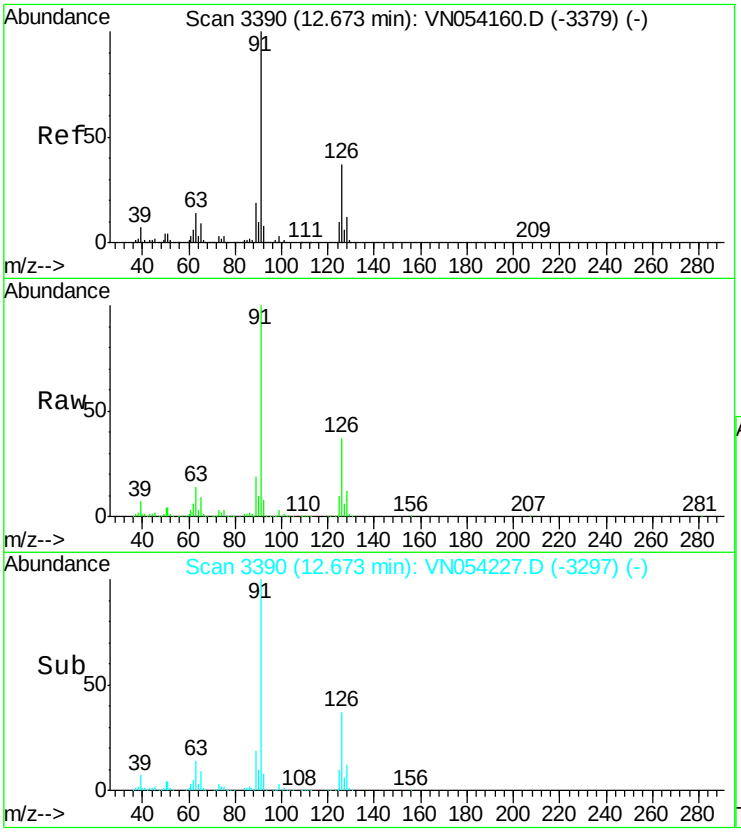


#78
n-propylbenzene
Concen: 49.062 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 91 Resp: 4027028

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9



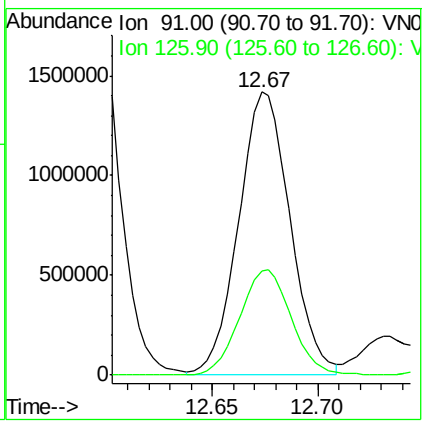


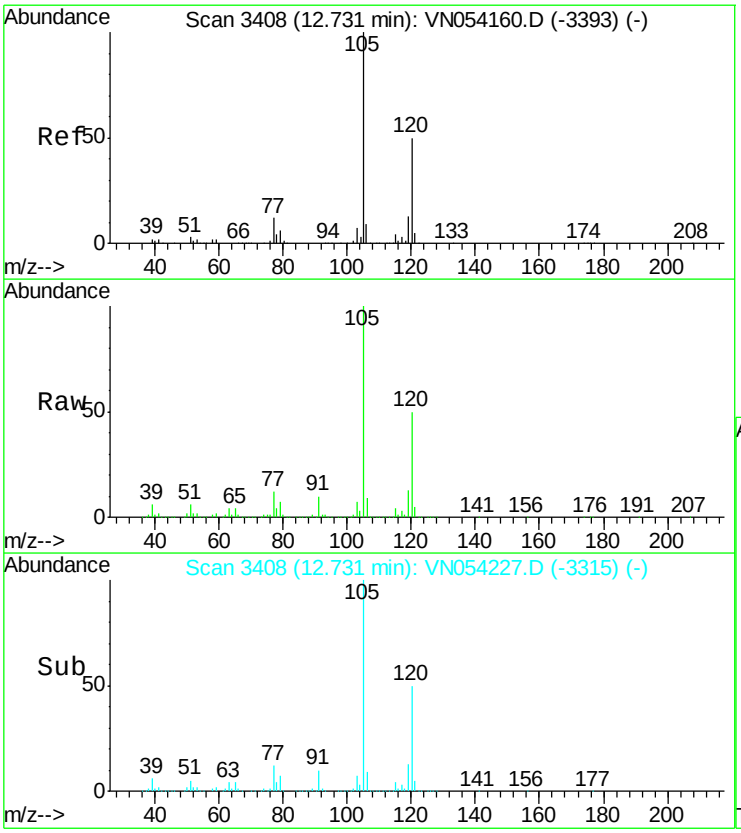
#79
2-Chlorotoluene
Concen: 48.485 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2392847

Ion	Ratio	Lower	Upper
91	100		
126	37.7	18.7	56.1

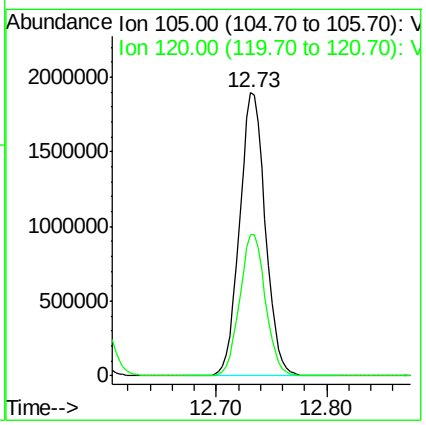


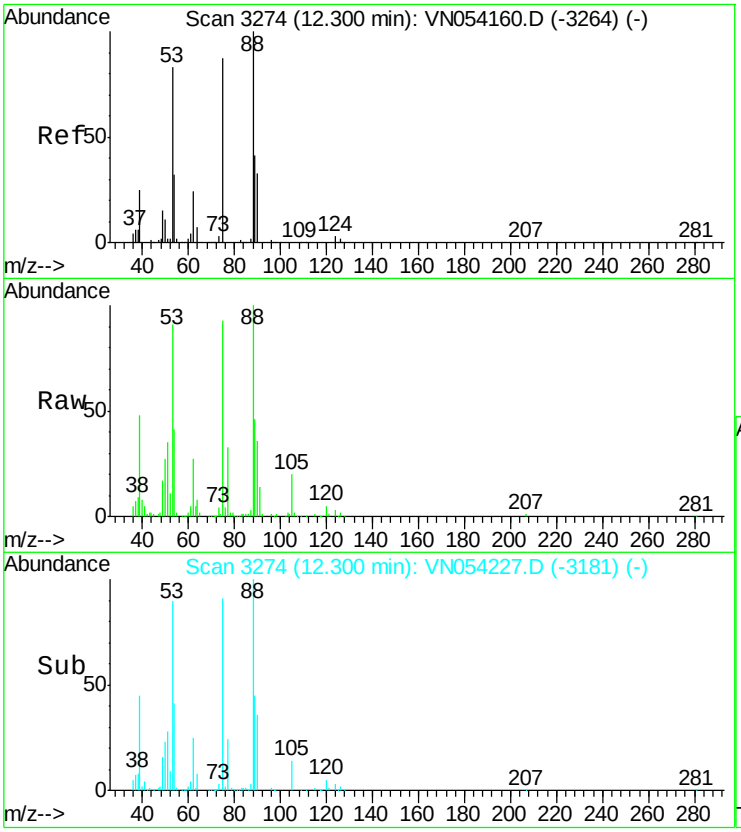


#80
1,3,5-Trimethylbenzene
Concen: 48.444 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:105 Resp: 3048154

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.0	75.0



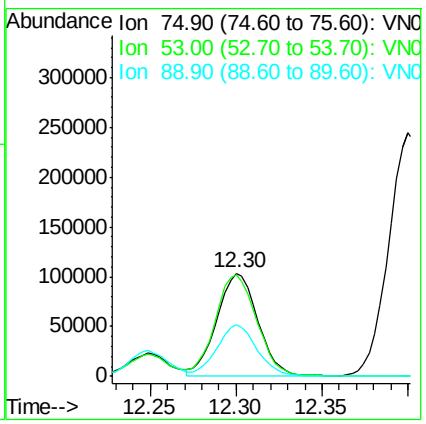


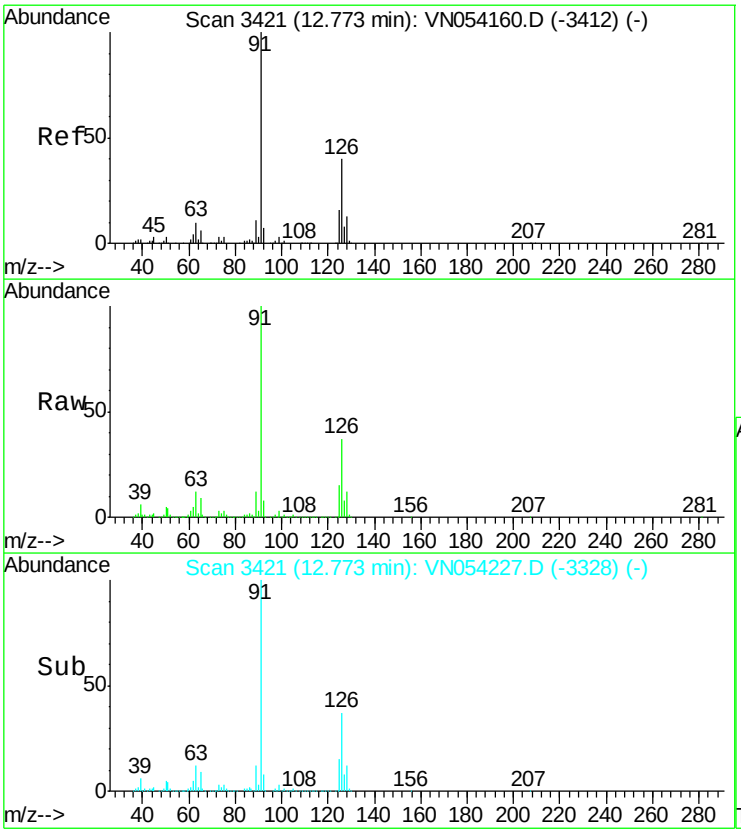
#81
trans-1,4-Dichloro-2-butene
Concen: 41.901 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 170425

Ion	Ratio	Lower	Upper
75	100		
53	101.7	76.2	114.2
89	49.2	39.2	58.8

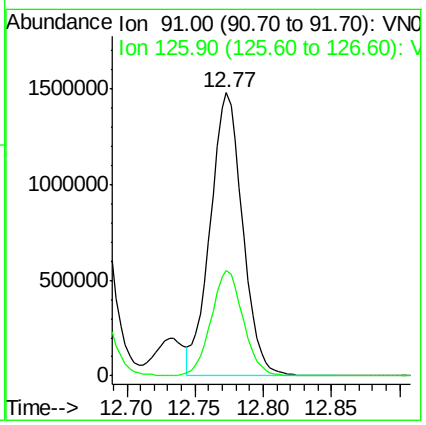


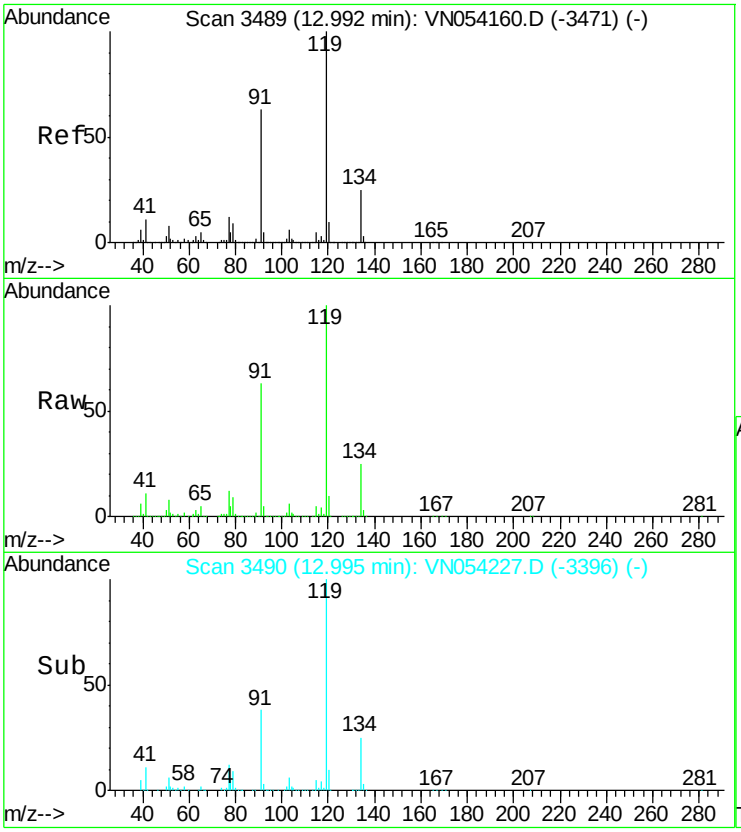


#82
4-Chlorotoluene
Concen: 49.349 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 91 Resp: 2431929

Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.1	54.1



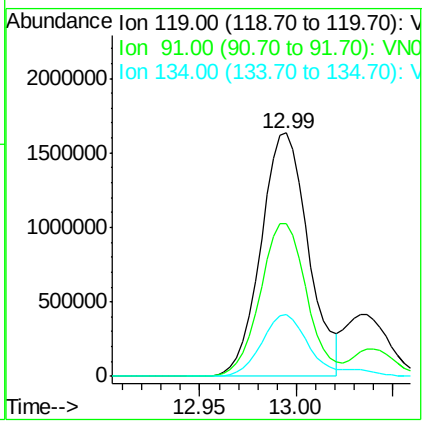


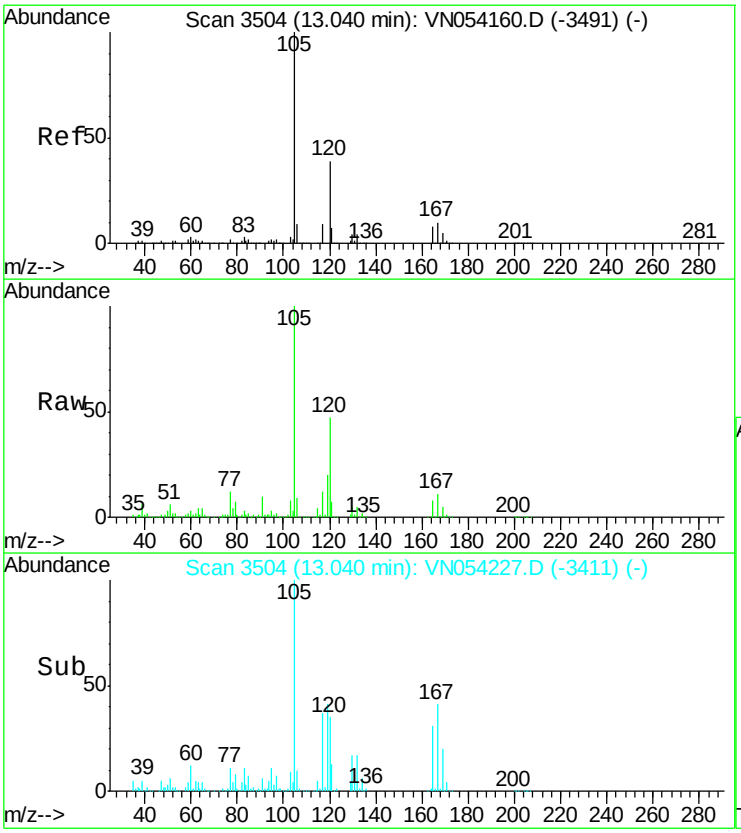
#83
tert-Butylbenzene
Concen: 48.047 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 2782669

Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.9	92.8
134	26.6	13.2	39.6

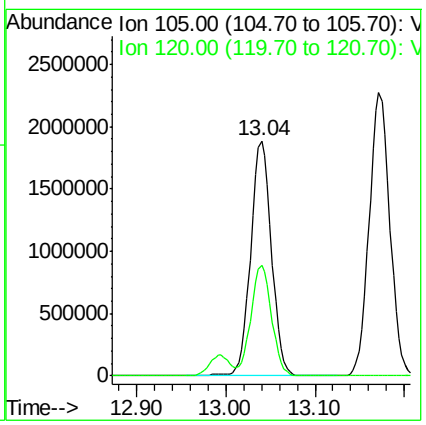


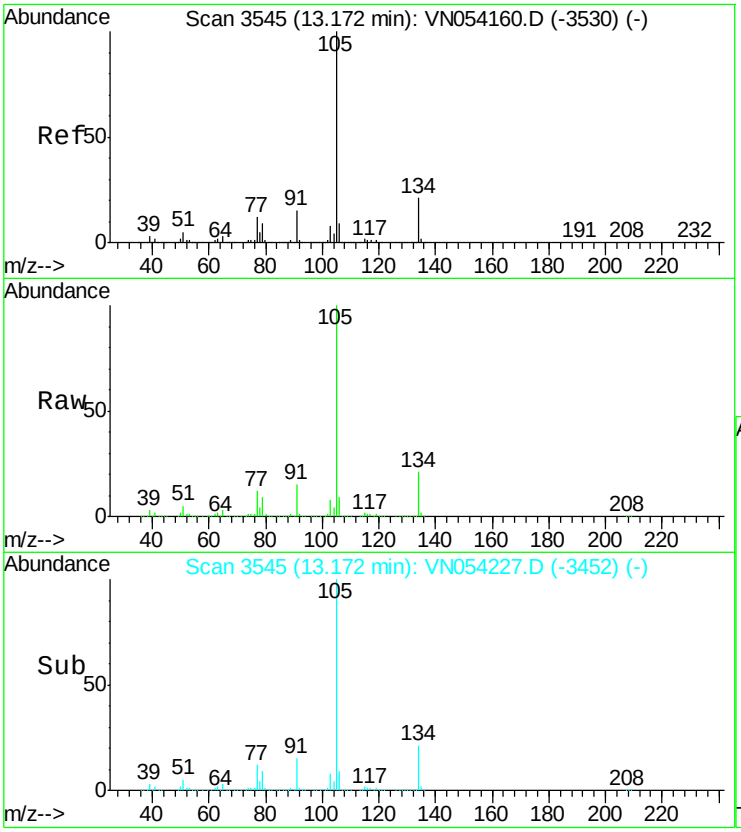


#84
1,2,4-Trimethylbenzene
Concen: 49.734 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:105 Resp: 3070012

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.3



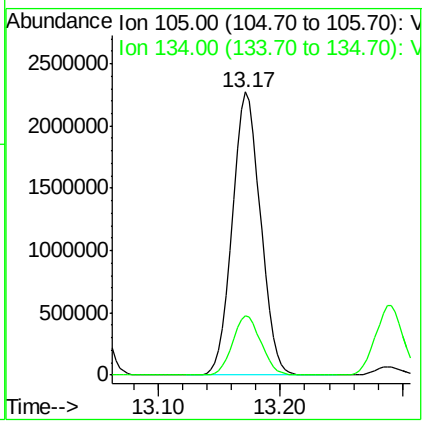


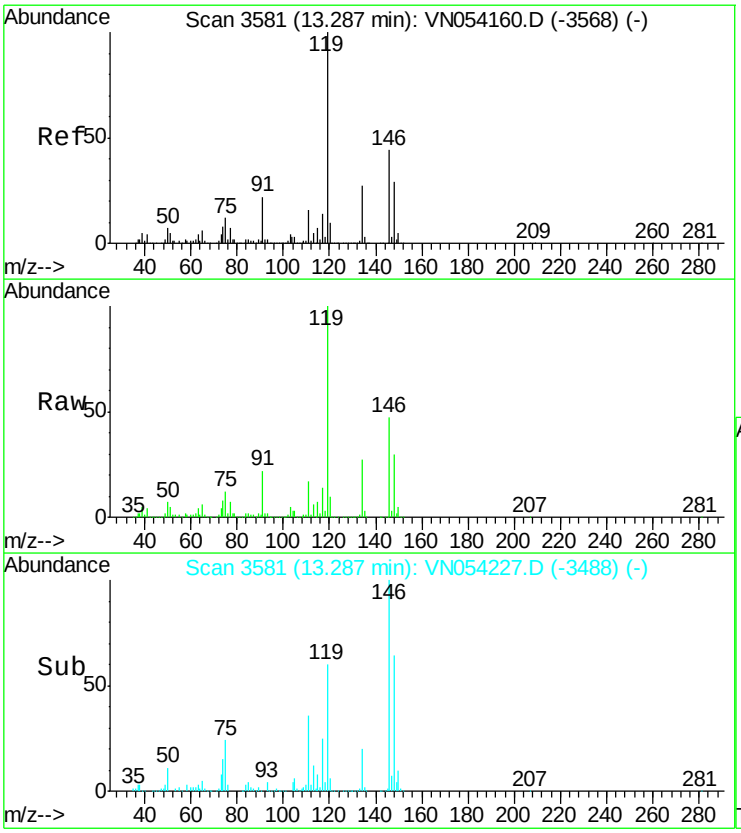
#85
sec-Butylbenzene
Concen: 48.440 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 3638256

Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.7	32.1

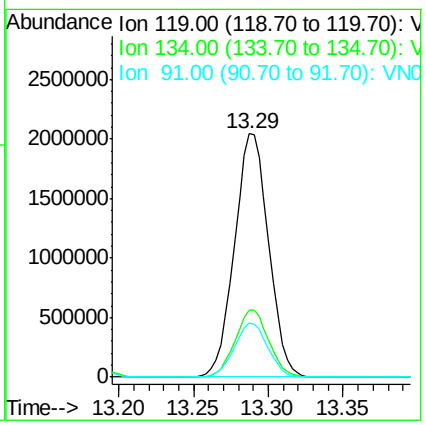


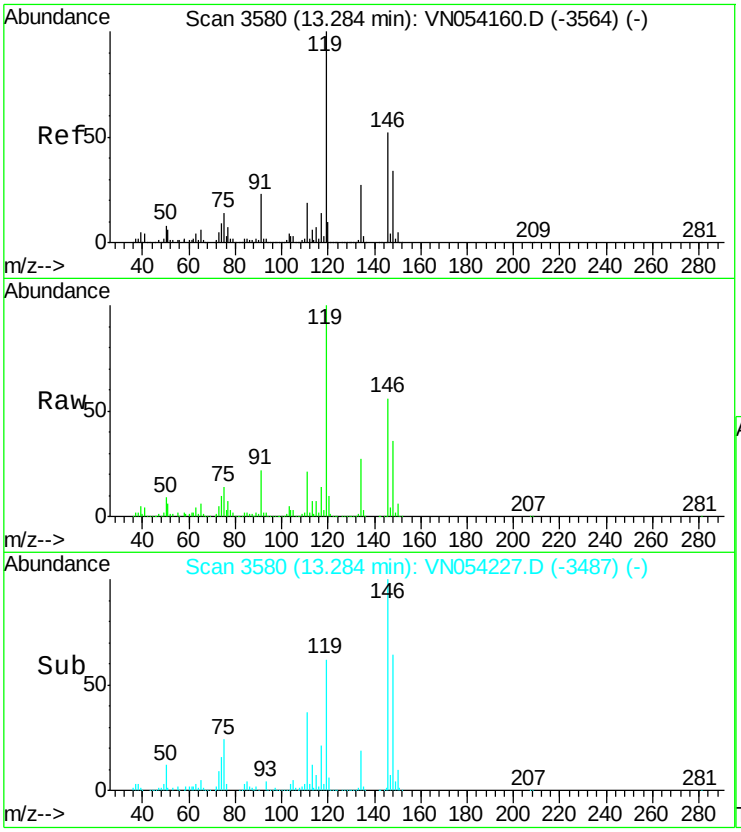


#86
p-Isopropyltoluene
Concen: 49.055 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:119 Resp: 3232319

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.8
91	21.9	11.1	33.3



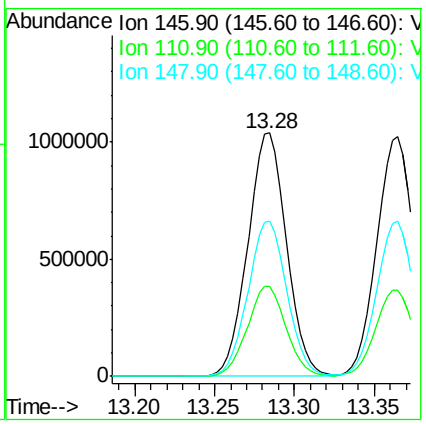


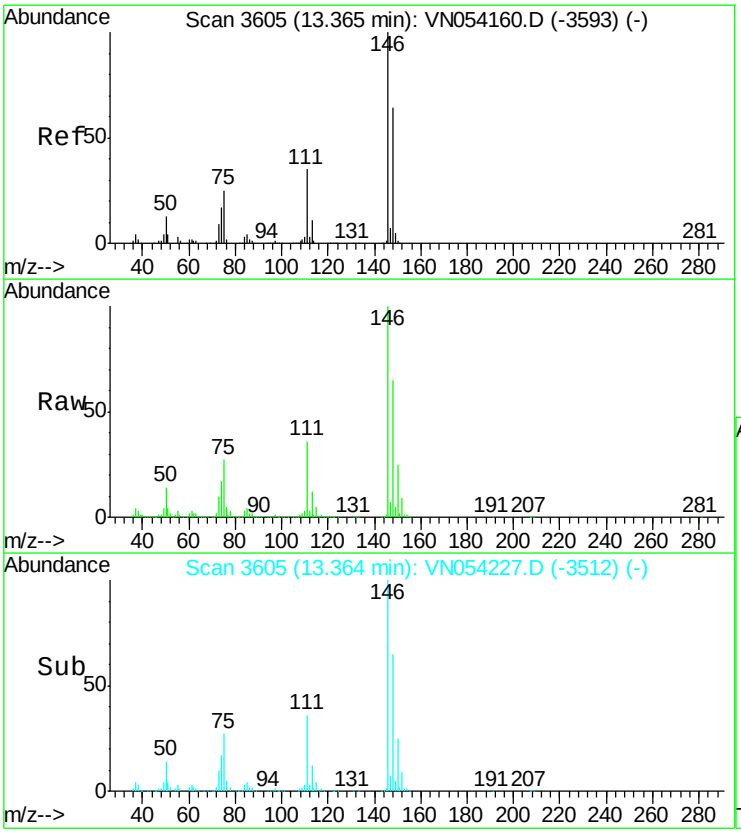
#87
1,3-Dichlorobenzene
Concen: 51.250 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1728631

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.3	32.2	96.6

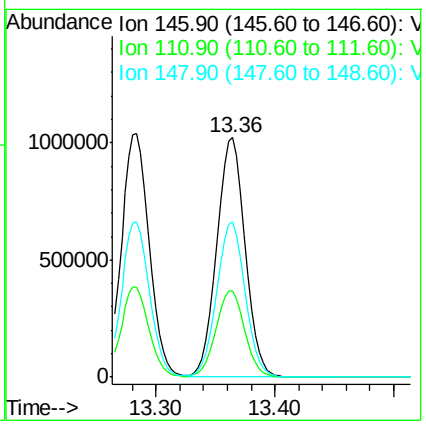


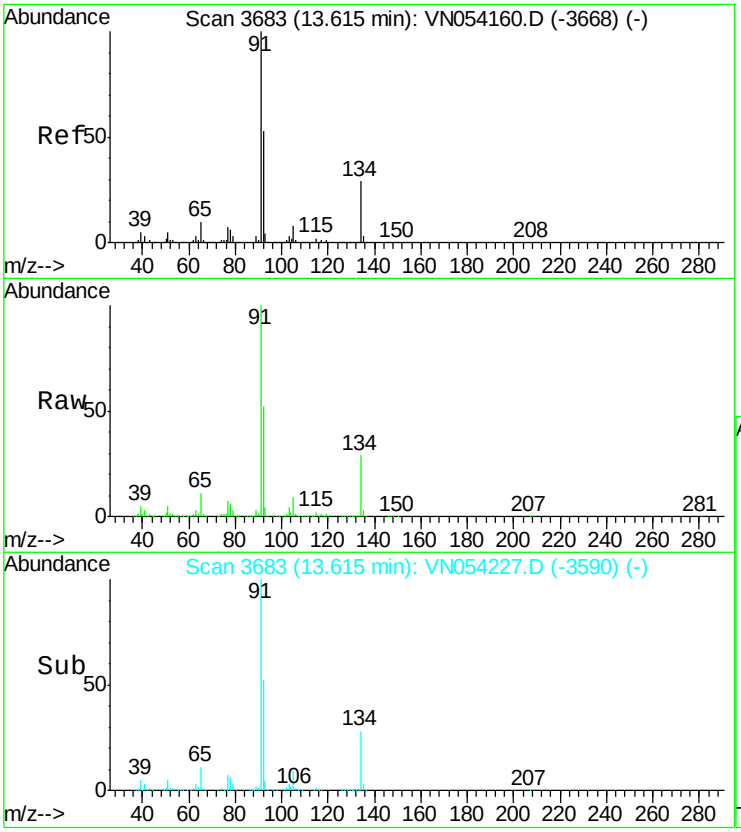


#88
1,4-Dichlorobenzene
Concen: 50.888 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:146 Resp: 1686131

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.7	32.0	96.0



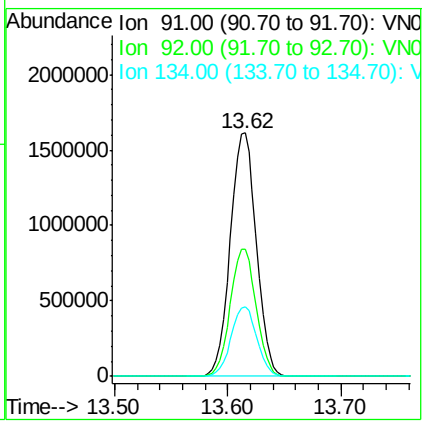


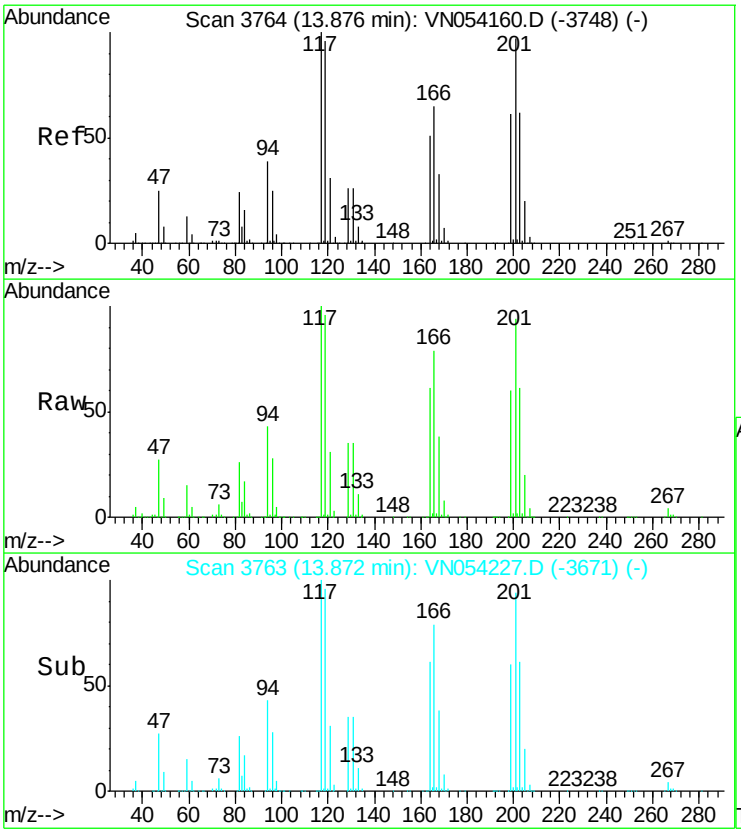
#89
n-Butylbenzene
Concen: 51.551 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2580919

Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	28.4	14.3	42.9

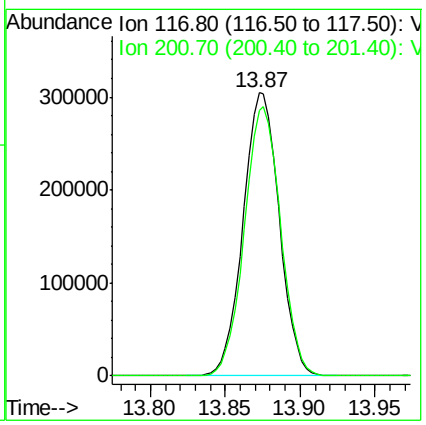


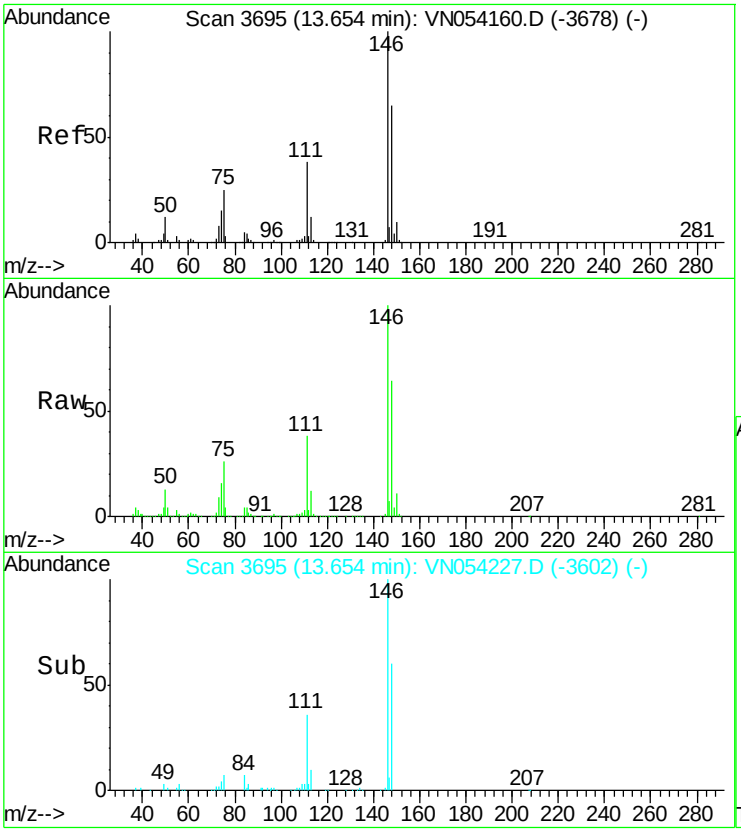


#90
Hexachloroethane
Concen: 46.930 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:117 Resp: 512036

Ion	Ratio	Lower	Upper
117	100		
201	95.2	48.1	144.4



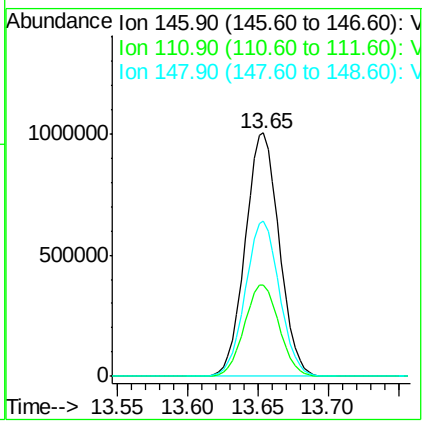


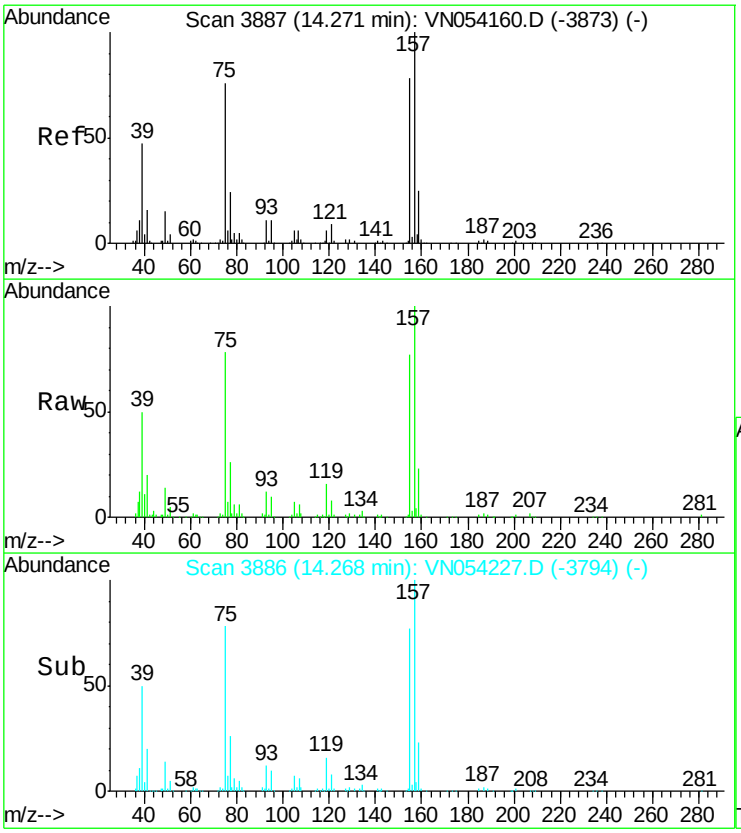
#91
1,2-Dichlorobenzene
Concen: 51.336 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1692717

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	64.1	32.4	97.0

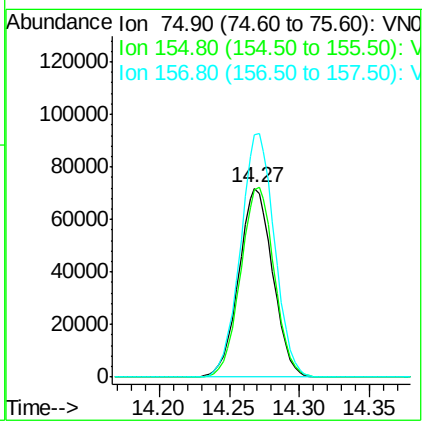


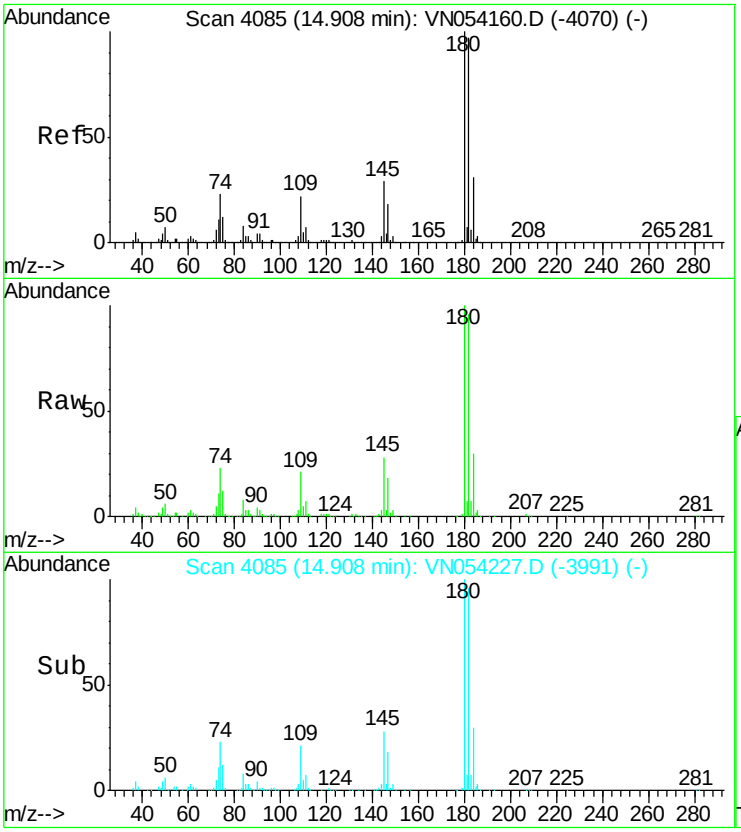


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.644 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion: 75 Resp: 121316

Ion	Ratio	Lower	Upper
75	100		
155	99.4	50.1	150.3
157	129.3	63.1	189.3



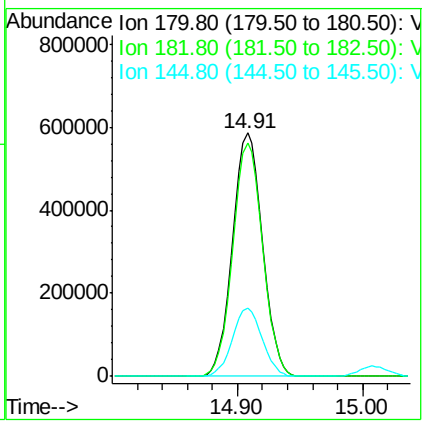


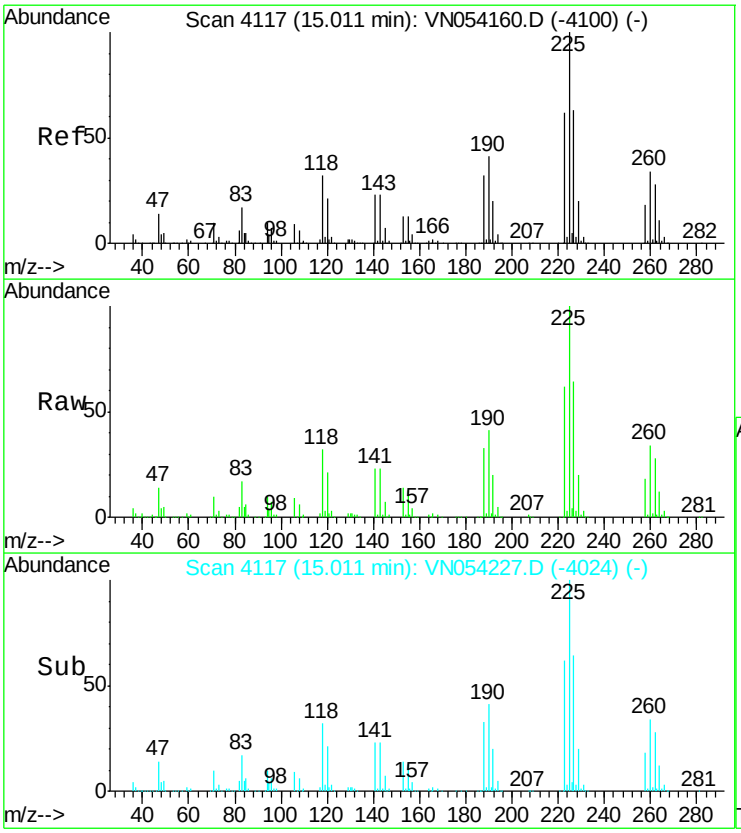
#93
1,2,4-Trichlorobenzene
Concen: 48.852 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 971279

Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	27.9	14.2	42.8

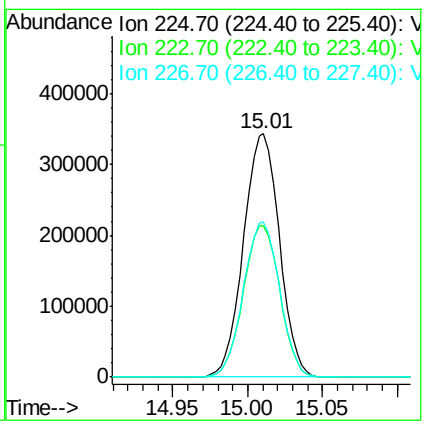


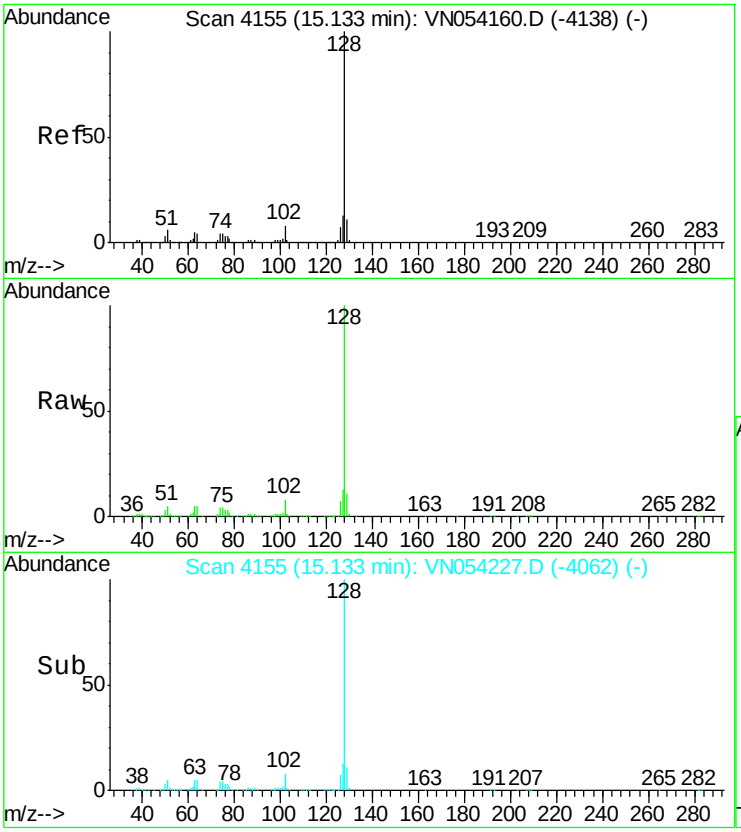


#94
Hexachlorobutadiene
Concen: 45.807 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:225 Resp: 575317

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.5
227	64.0	31.9	95.9



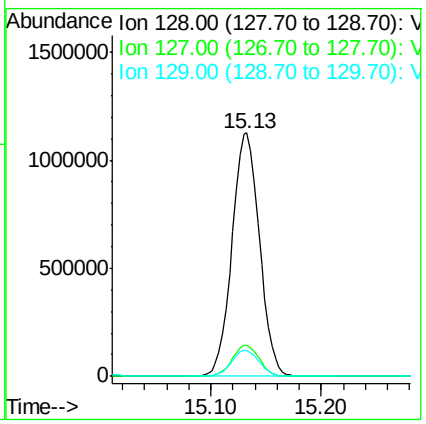


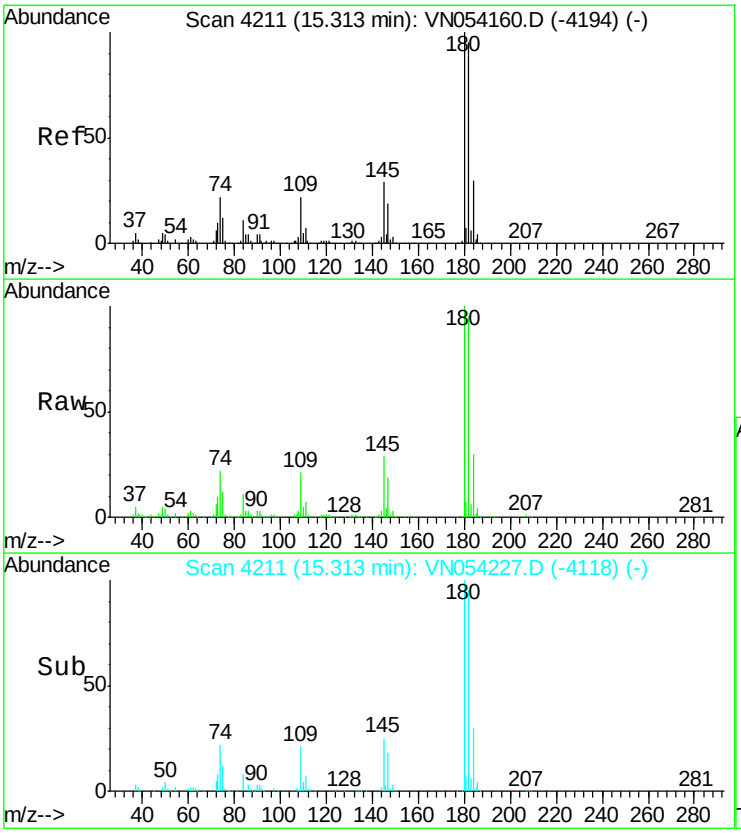
#95
Naphthalene
Concen: 47.024 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :

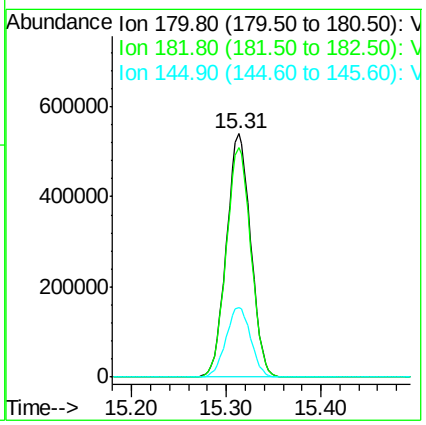
Tgt Ion:128 Resp: 1940841

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 54.741 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054227.D
Acq: 13 Mar 2019 22:15

Tgt Ion:180 Resp: 959027

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	29.2	14.8	44.3