Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
Data File : VX015165.D
Acq On : 10 Mar 2020 13:03
Operator : JC/SP
Sample : L1842-21
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 11 07:28:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	304616	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	500260	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	496754	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253700	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	173056	47.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.78%				
35) Dibromofluoromethane	5.49	113	150890	47.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.62%				
50) Toluene-d8	8.71	98	614200	51.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.32%				
62) 4-Bromofluorobenzene	11.13	95	227173	53.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	538	0.202	ug/l	#	58
3) Chloromethane	1.32	50	1612	0.427	ug/l		94
5) Bromomethane	1.65	94	491	0.208	ug/l	#	63
7) Trichlorofluoromethane	1.93	101	1370	0.301	ug/l		93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75575	26.349	ug/l		98
11) Tert butyl alcohol	3.03	59	804	1.282	ug/l		96
12) 1,1-Dichloroethene	2.37	96	818	0.276	ug/l	#	70
13) Acrolein	2.30	56	172	0.292	ug/l		84
15) Acrylonitrile	3.14	53	466	0.298	ug/l	#	90
16) Acetone	2.44	43	6555	4.479	ug/l		98
20) Methylene Chloride	2.85	84	1125	0.328	ug/l	#	46
21) trans-1,2-Dichloroethene	3.16	96	1074	0.340	ug/l		85
24) 1,1-Dichloroethane	3.69	63	2662	0.466	ug/l	#	92
27) cis-1,2-Dichloroethene	4.58	96	7246	2.043	ug/l		89
29) Tetrahydrofuran	5.11	42	283	0.205	ug/l	#	79
31) Cyclohexane	5.65	56	5702	1.120	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	19998	4.324	ug/l	#	42
38) Carbon Tetrachloride	5.65	117	26049	5.967	ug/l	#	16
44) Trichloroethene	7.21	130	473943	124.031	ug/l		97
49) 1,4-Dioxane	7.75	88	2865	34.498	ug/l		89
55) 1,1,2-Trichloroethane	9.20	97	1109	0.321	ug/l	#	43
60) Dibromochloromethane	9.33	129	55448	15.286	ug/l	#	11
64) Tetrachloroethene	9.33	164	62033	15.103	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	108723	21.484	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	108723	60.973	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	231	0.214	ug/l	#	38
95) Naphthalene	13.82	128	1279	1.494	ug/l	#	83

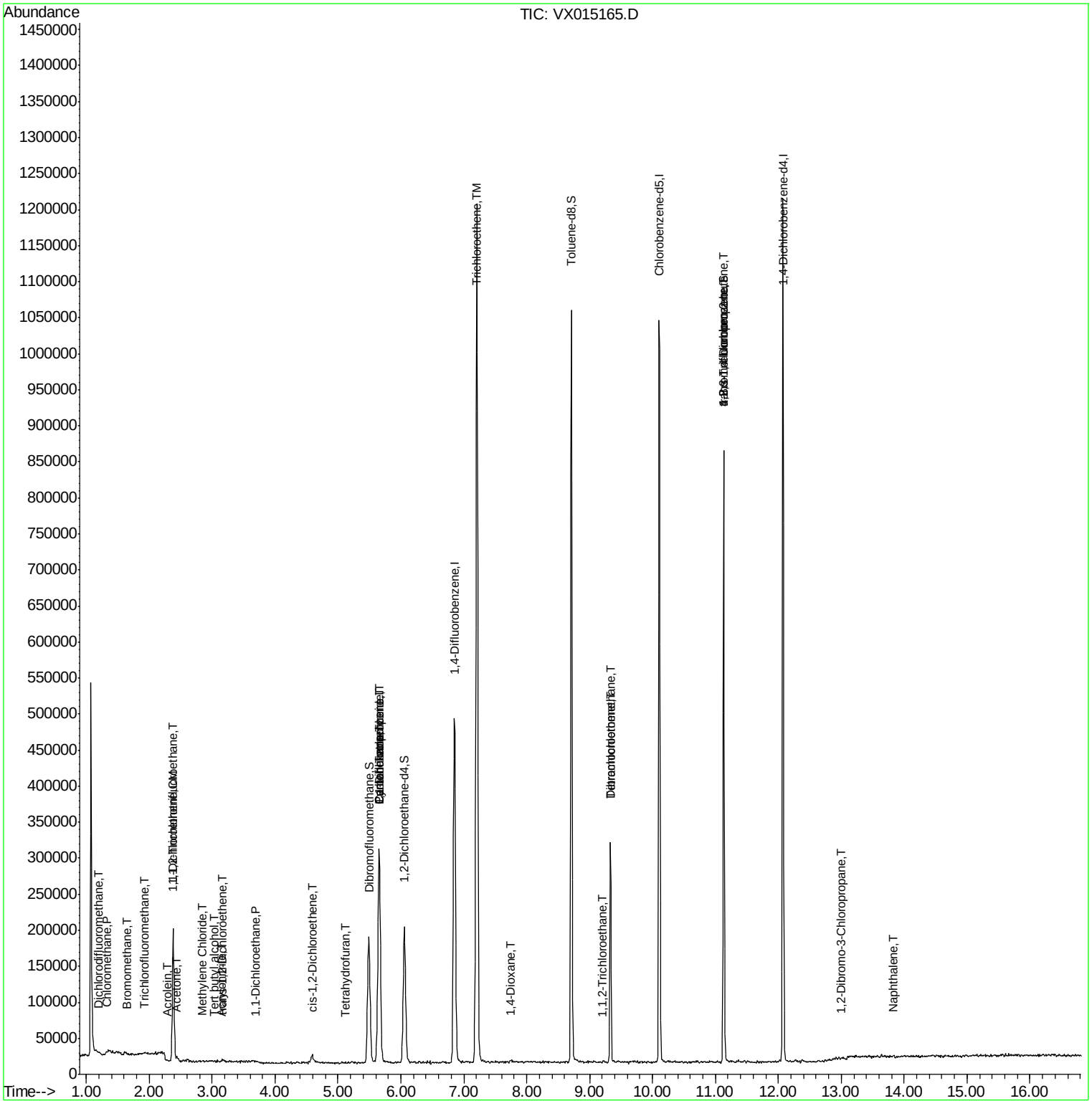
(#) = qualifier out of range (m) = manual integration (+) = signals summed

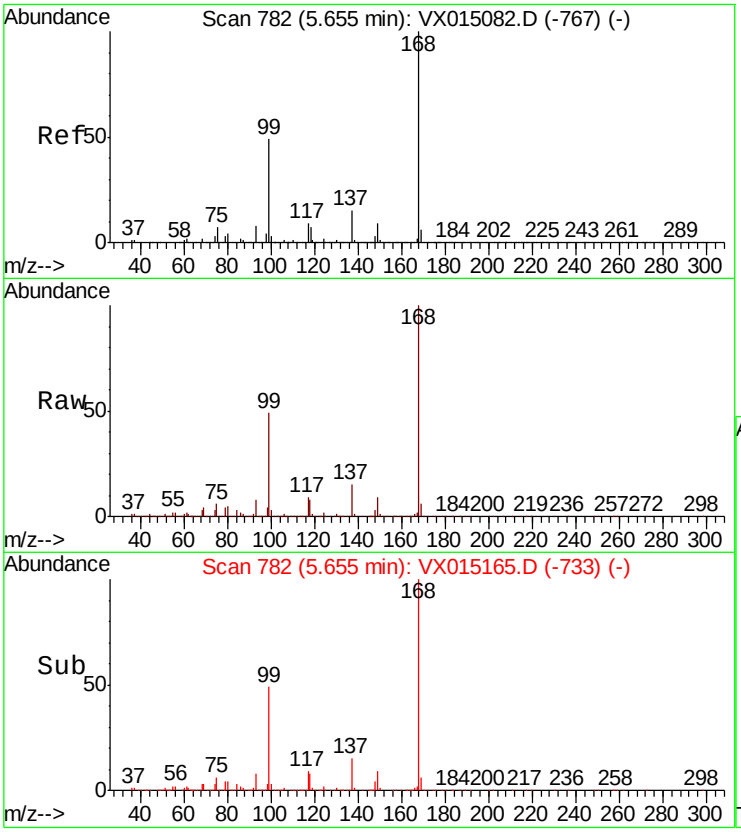
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
Data File : VX015165.D
Acq On : 10 Mar 2020 13:03
Operator : JC/SP
Sample : L1842-21
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 11 07:28:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration



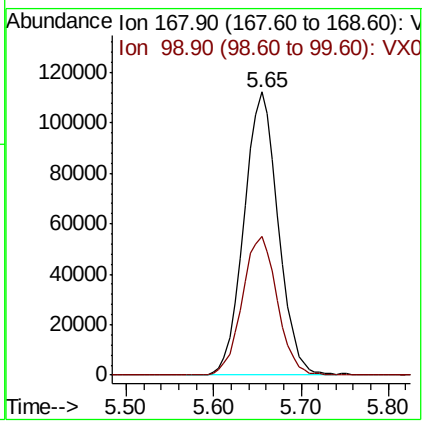


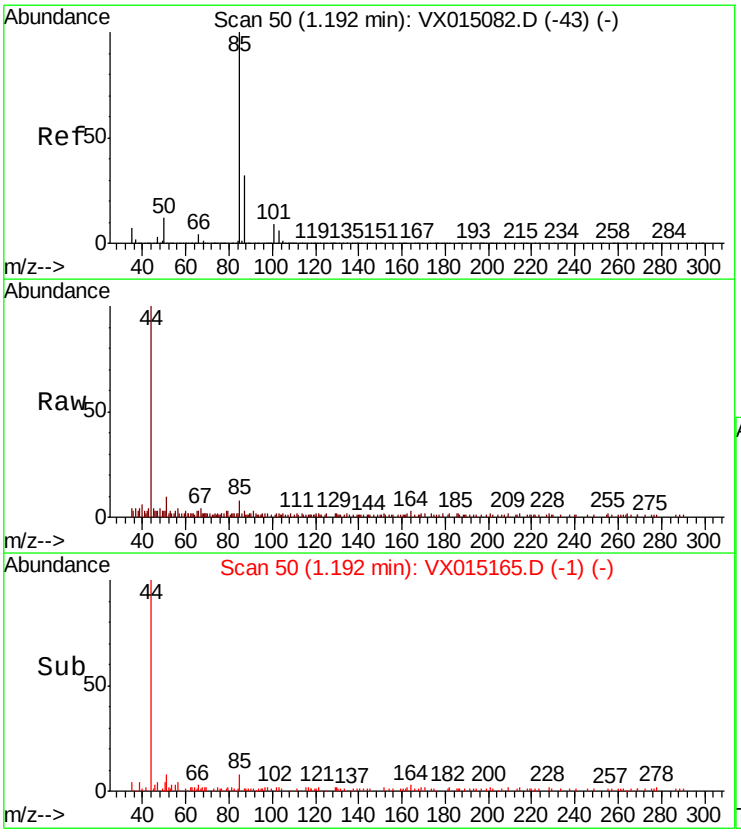
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 304616

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.4	59.2

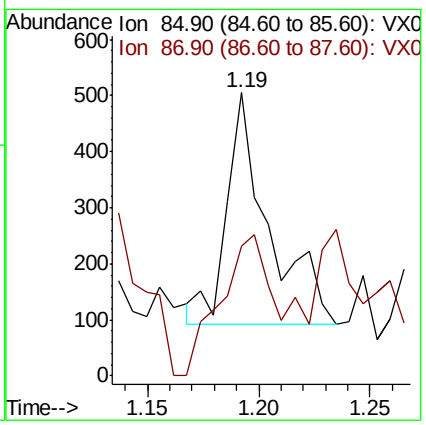


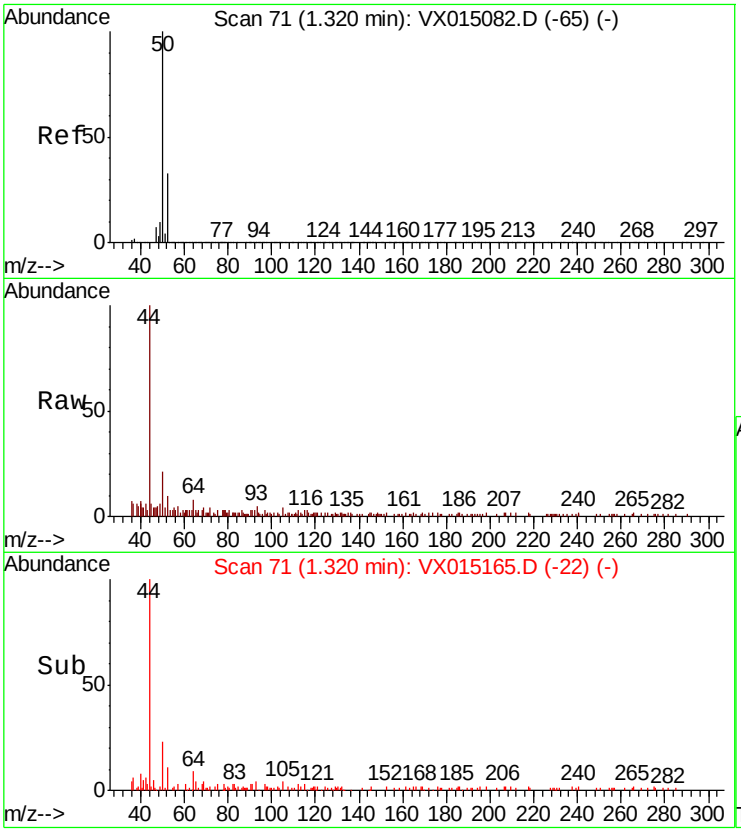


#2
Dichlorodifluoromethane
Concen: 0.202 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 85 Resp: 538

Ion	Ratio	Lower	Upper
85	100		
87	55.9	16.2	48.5#



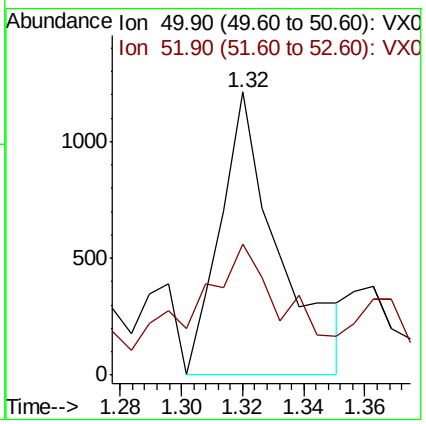


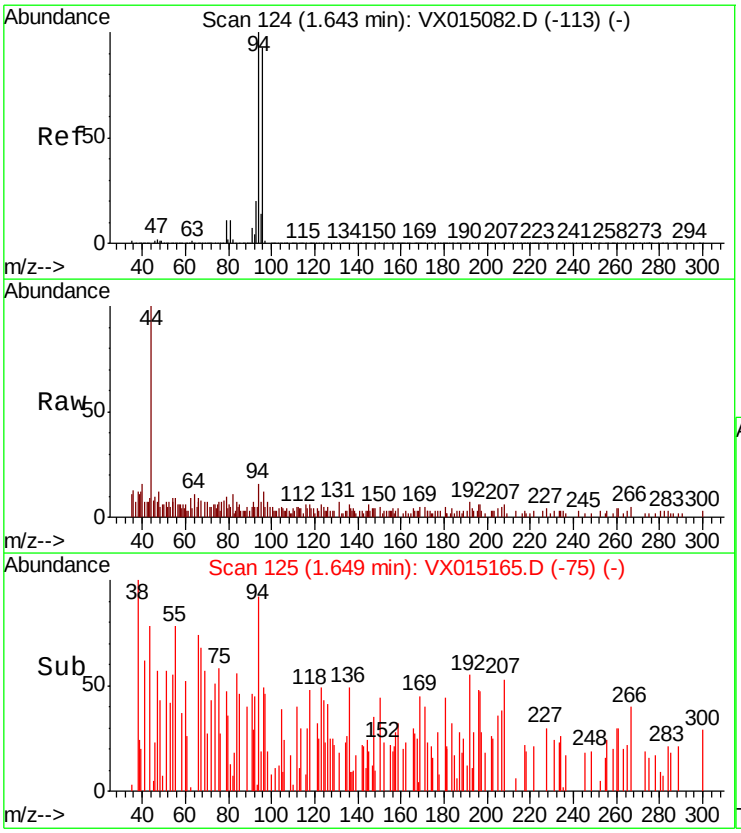
#3
Chloromethane
Concen: 0.427 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1612

Ion	Ratio	Lower	Upper
50	100		
52	36.1	26.2	39.2

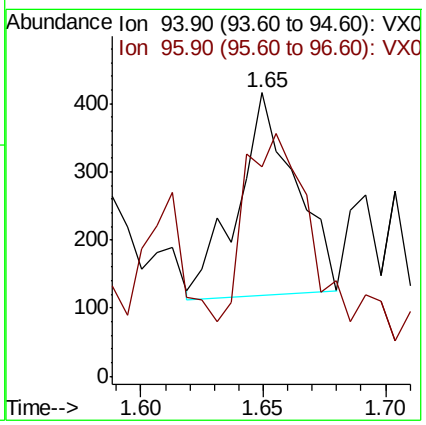


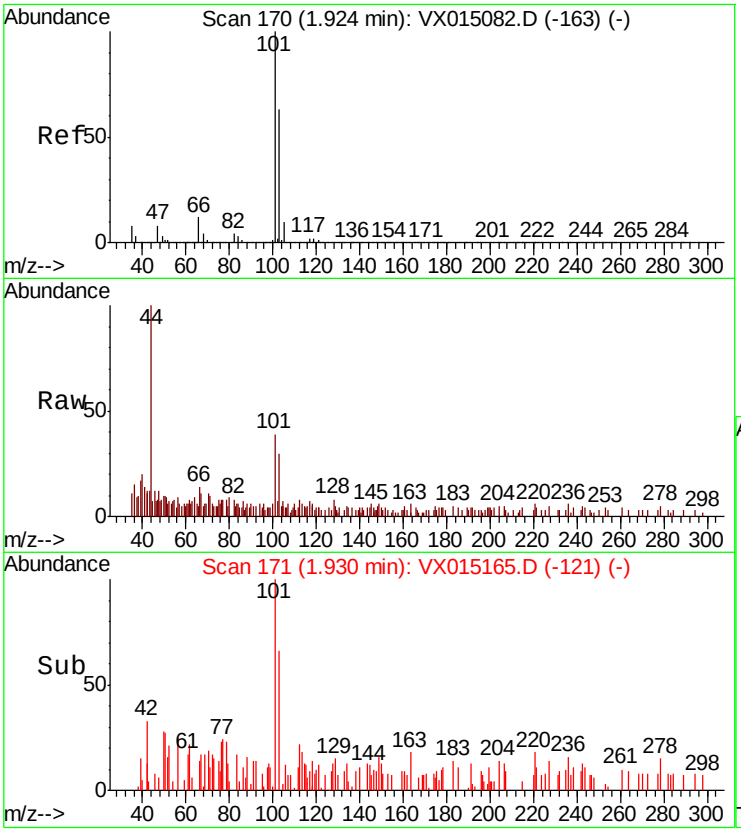


#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 94 Resp: 491

Ion	Ratio	Lower	Upper
94	100		
96	57.7	74.6	111.8#



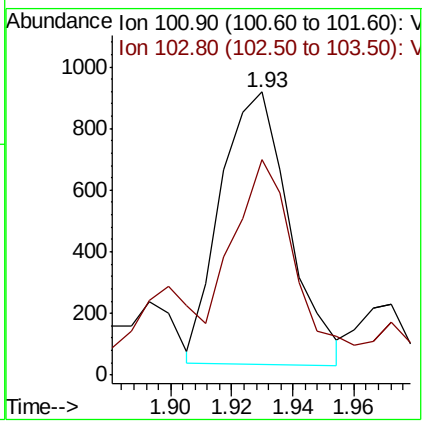


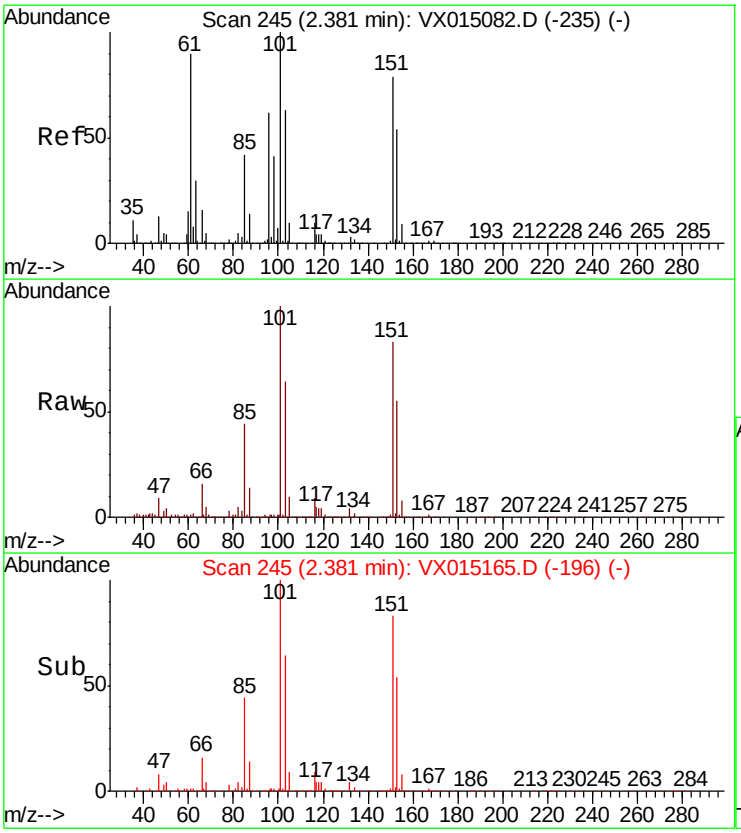
#7
Trichlorofluoromethane
Concen: 0.301 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1370

Ion	Ratio	Lower	Upper
101	100		
103	68.3	50.4	75.6

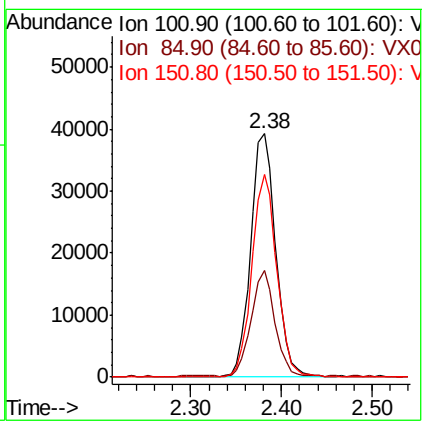


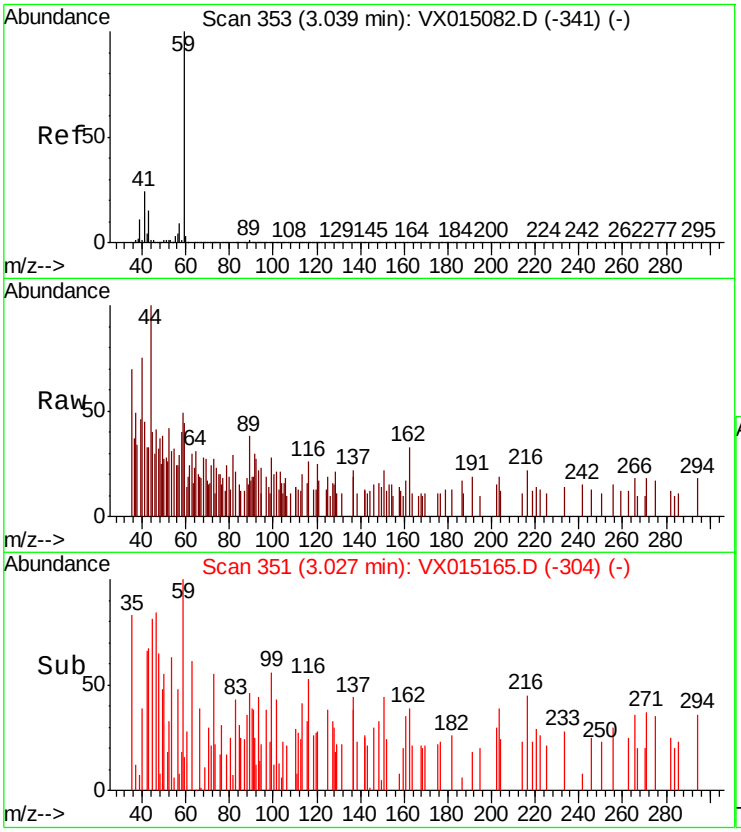


#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.349 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion:101 Resp: 75575

Ion	Ratio	Lower	Upper
101	100		
85	41.3	33.7	50.5
151	82.6	64.0	96.0



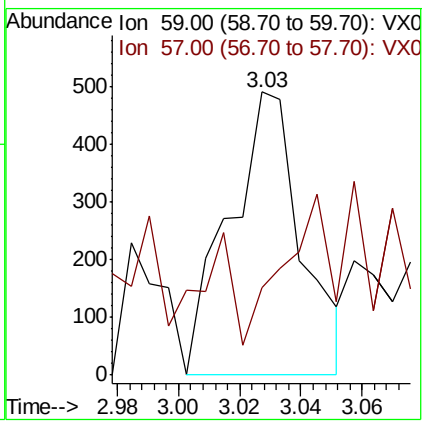


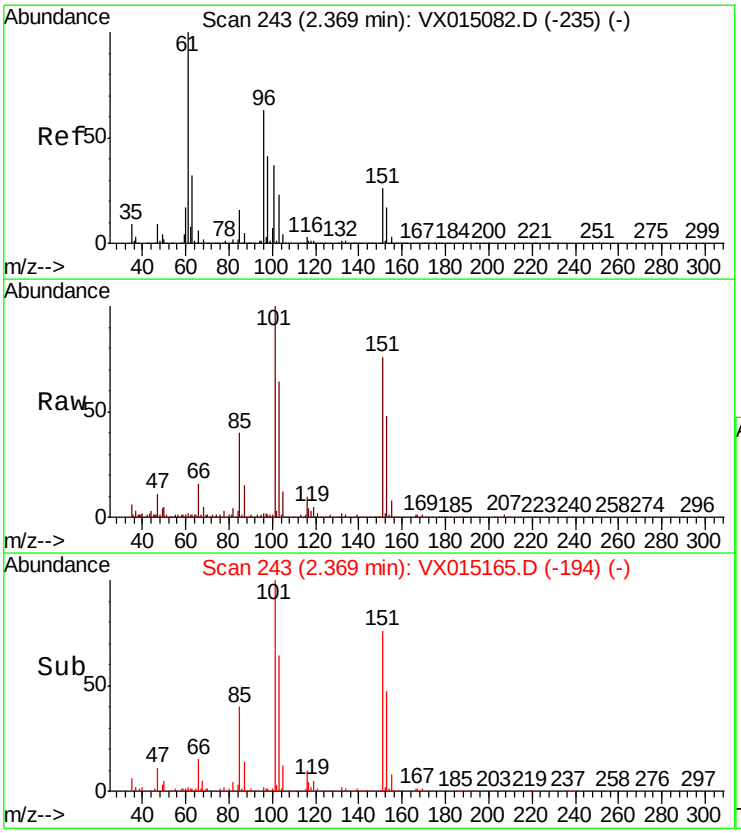
#11
Tert butyl alcohol
Concen: 1.282 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 804

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.2	12.4

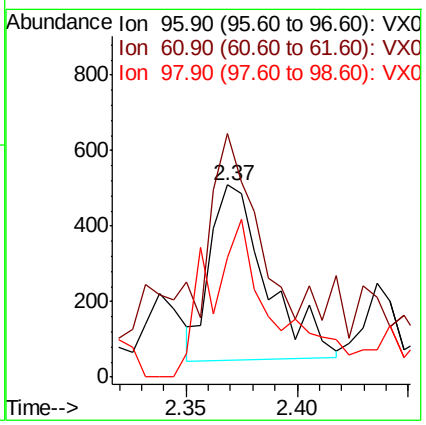


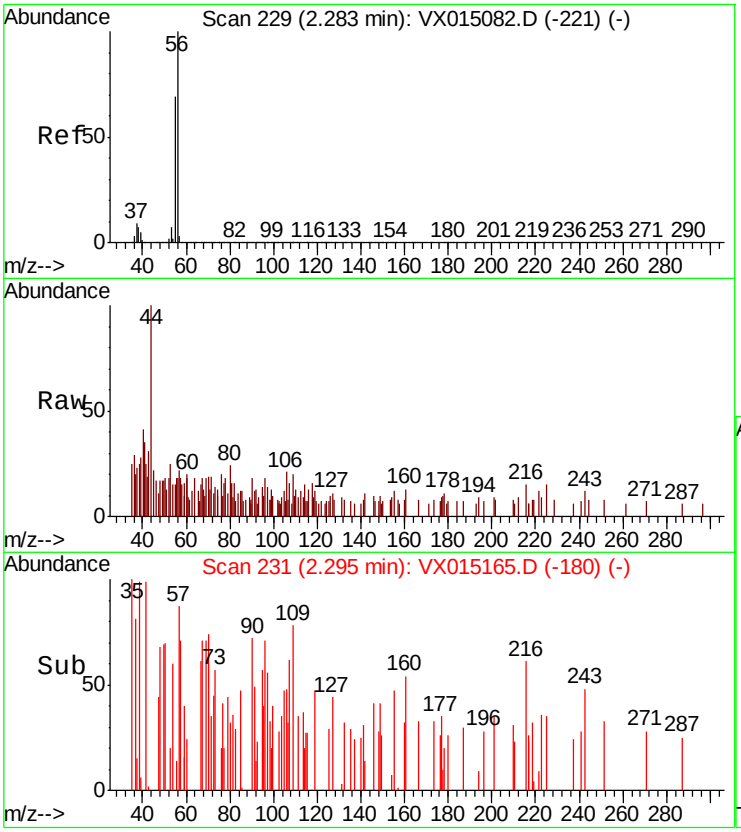


#12
1,1-Dichloroethene
Concen: 0.276 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 96 Resp: 818

Ion	Ratio	Lower	Upper
96	100		
61	104.0	126.2	189.4#
98	66.2	51.4	77.0



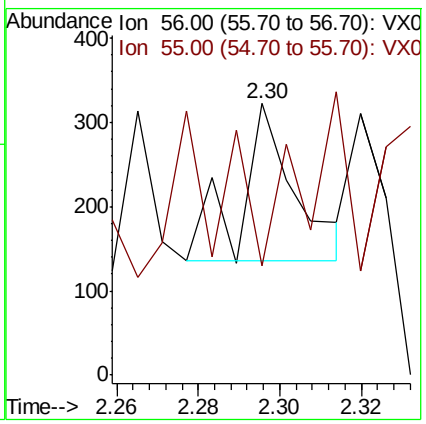


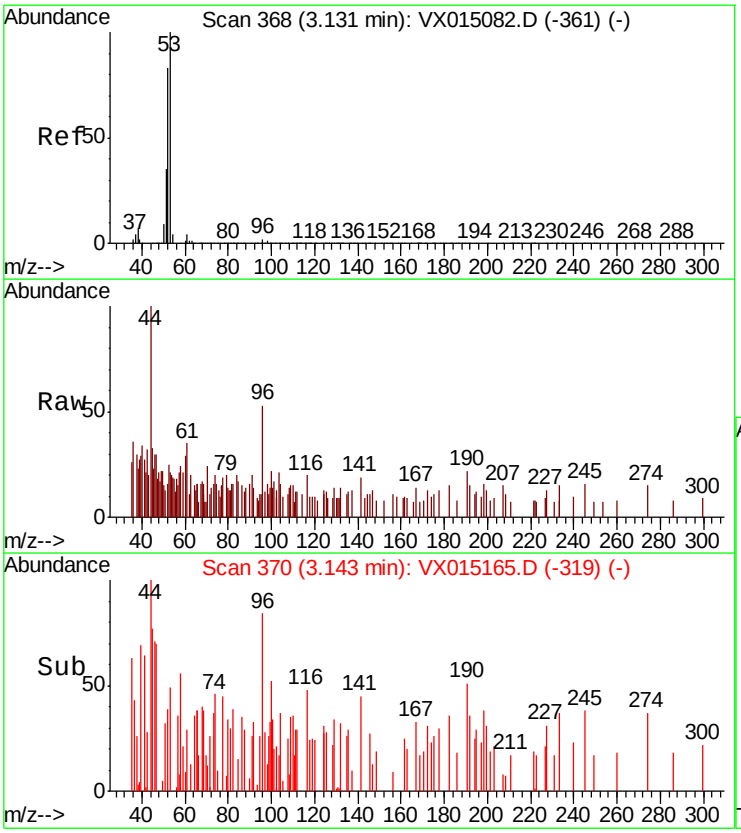
#13
Acrolein
Concen: 0.292 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	55.8	55.4	83.0

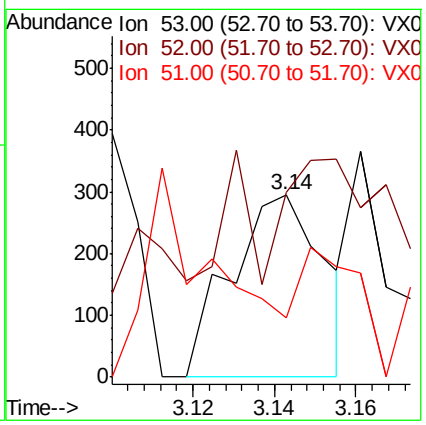


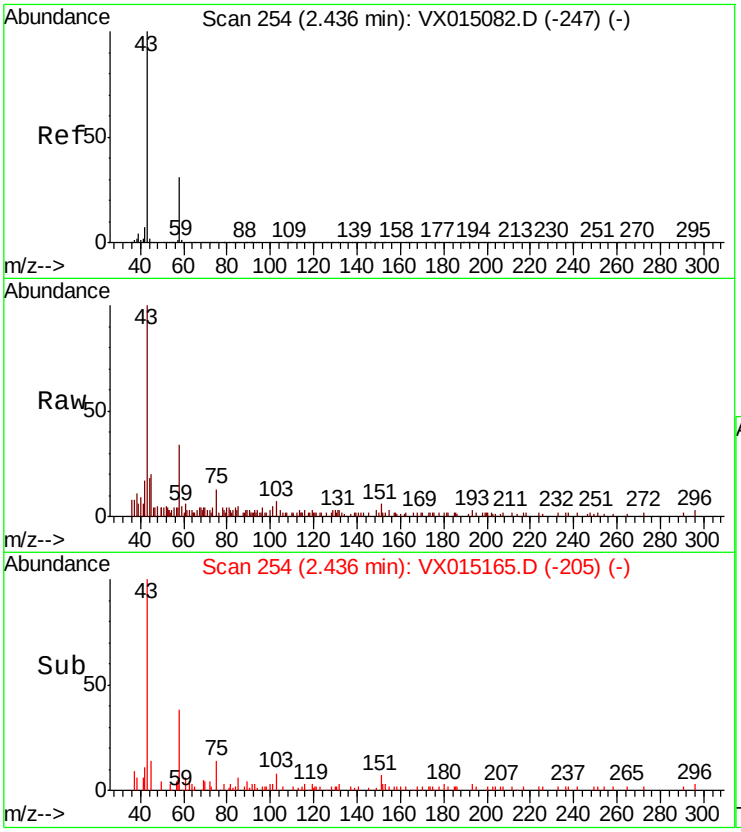


#15
Acrylonitrile
Concen: 0.298 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 53 Resp: 466

Ion	Ratio	Lower	Upper
53	100		
52	91.8	66.6	100.0
51	43.8	29.0	43.6#



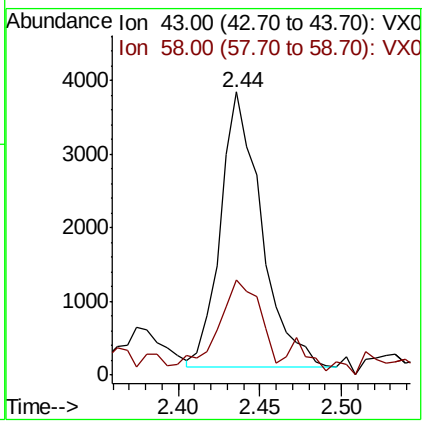


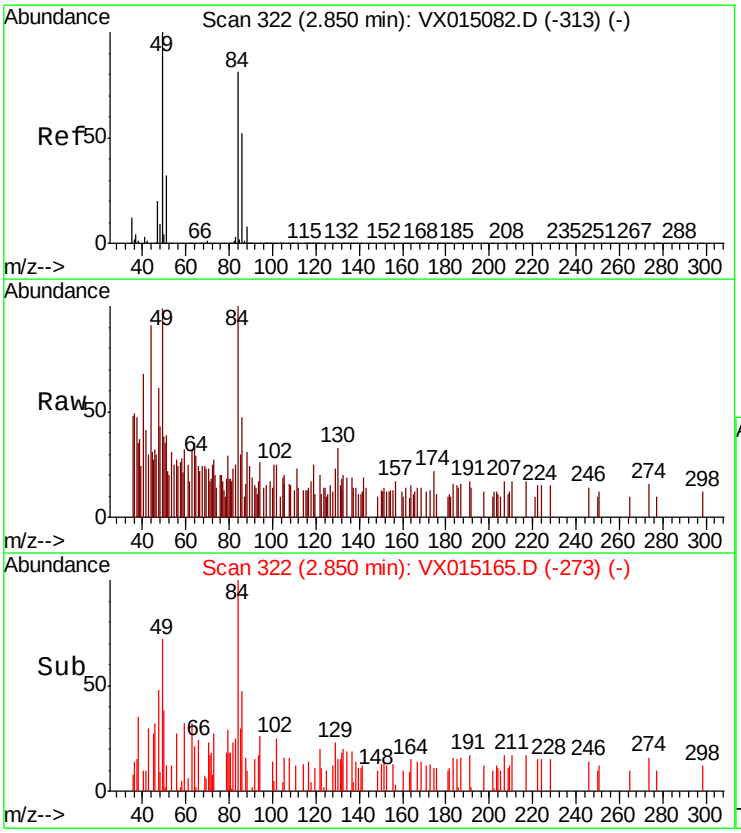
#16
Acetone
Concen: 4.479 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6555

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2

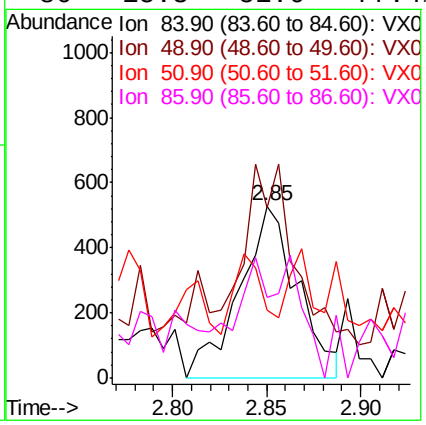


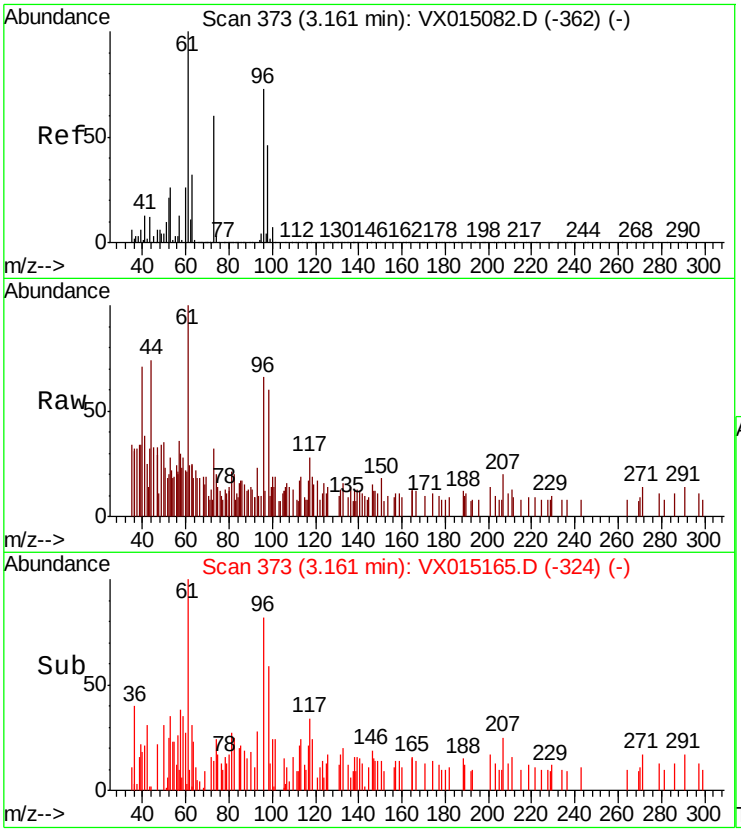


#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 84 Resp: 1125

Ion	Ratio	Lower	Upper
84	100		
49	72.3	99.4	149.2#
51	0.0	31.5	47.3#
86	15.3	51.6	77.4#



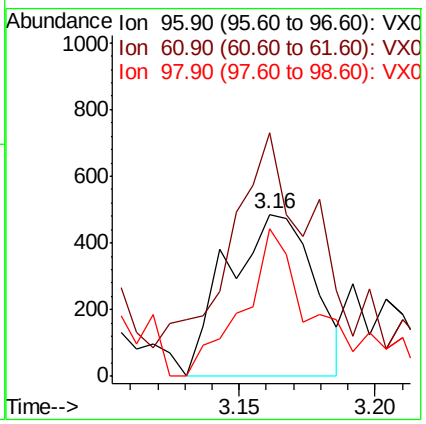


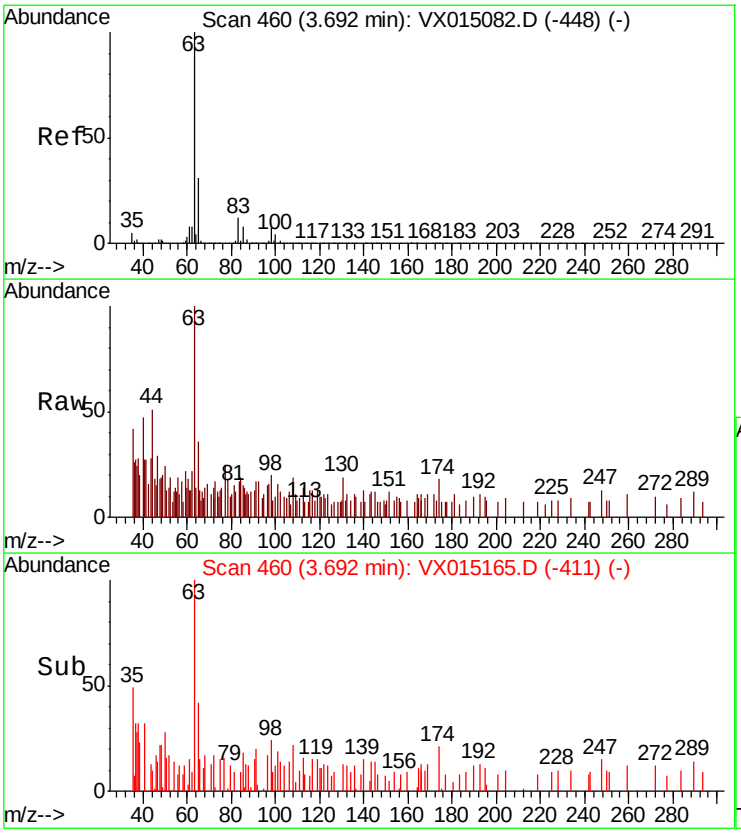
#21
trans-1,2-Dichloroethene
Concen: 0.340 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1074

Ion	Ratio	Lower	Upper
96	100		
61	115.7	109.9	164.9
98	70.3	50.2	75.2

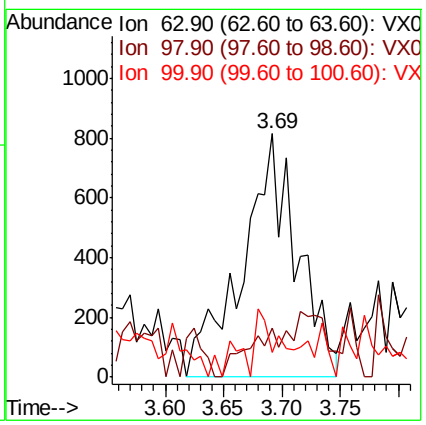


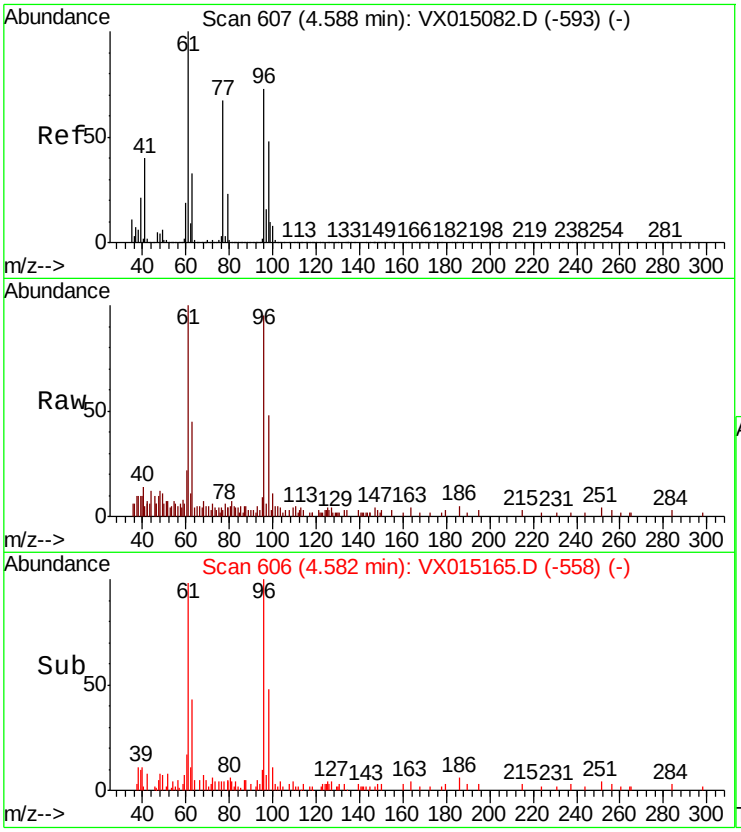


#24
1,1-Dichloroethane
Concen: 0.466 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 63 Resp: 2662

Ion	Ratio	Lower	Upper
63	100		
98	9.7	3.7	11.1
100	1.1	2.1	6.5#



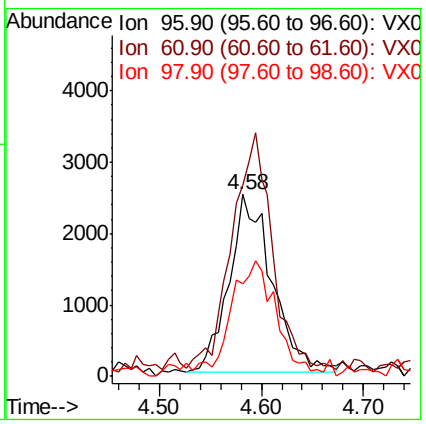


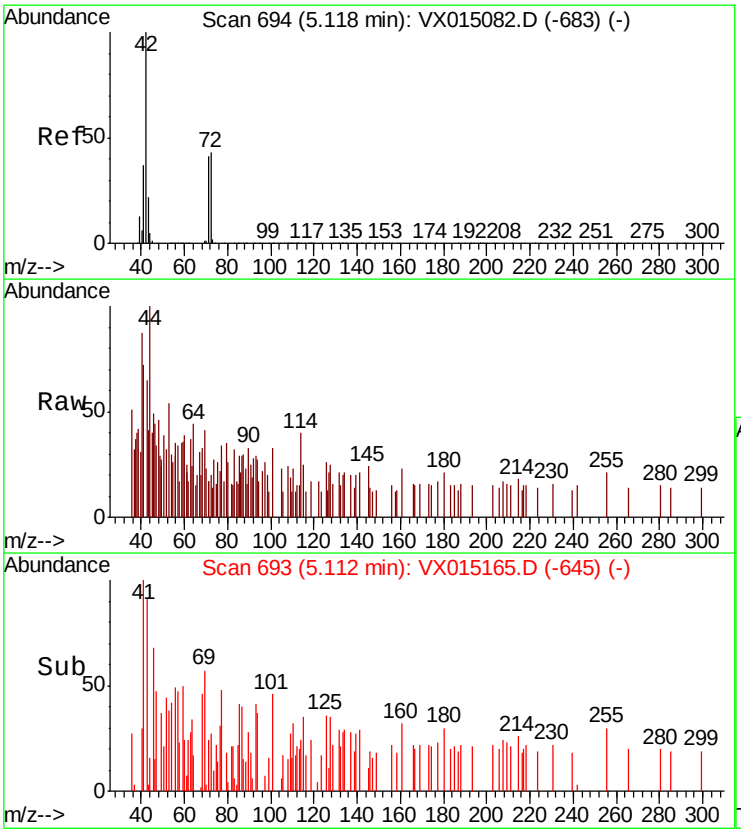
#27
cis-1,2-Dichloroethene
Concen: 2.043 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 7246

Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	286.8
98	68.5	0.0	128.4

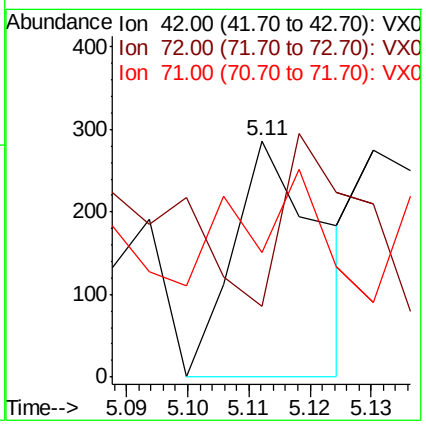


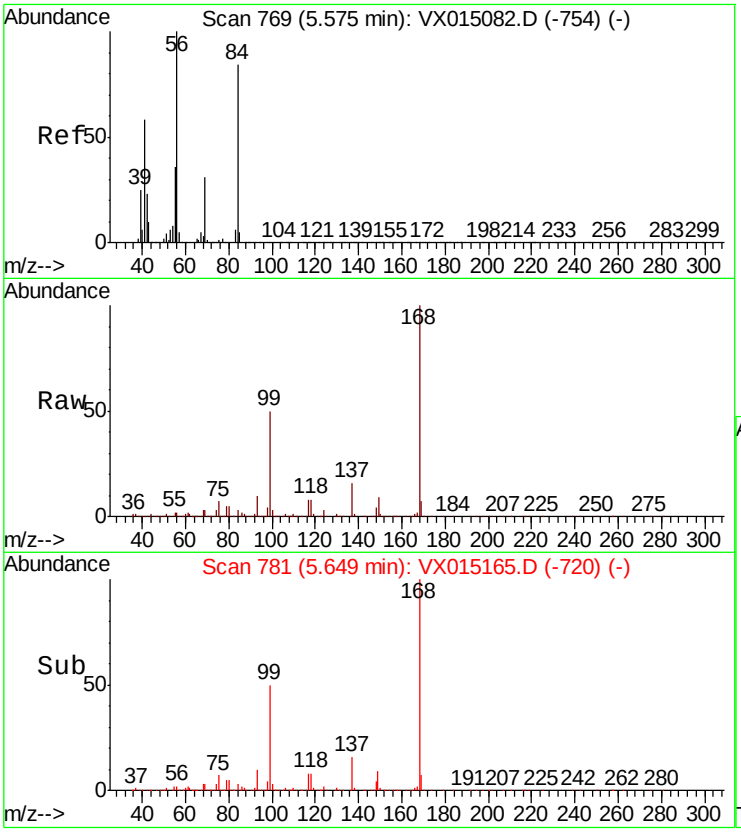


#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 42 Resp: 283

Ion	Ratio	Lower	Upper
42	100		
72	62.9	36.4	54.6#
71	50.5	33.3	49.9#



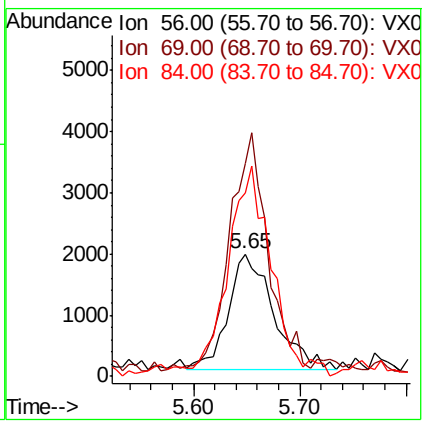


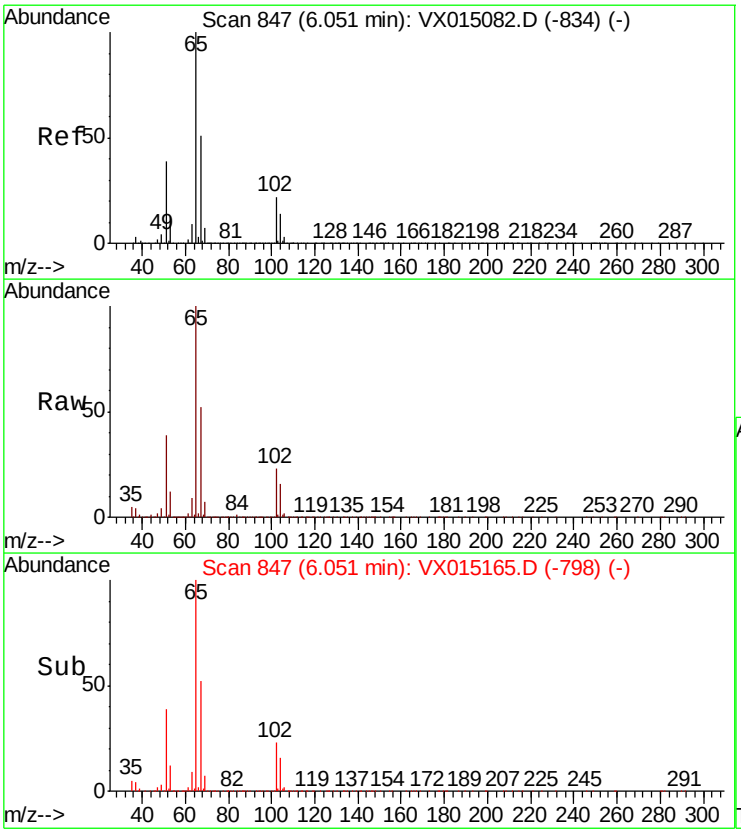
#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.07 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5702

Ion	Ratio	Lower	Upper
56	100		
69	175.2	25.0	37.6#
84	155.7	67.6	101.4#

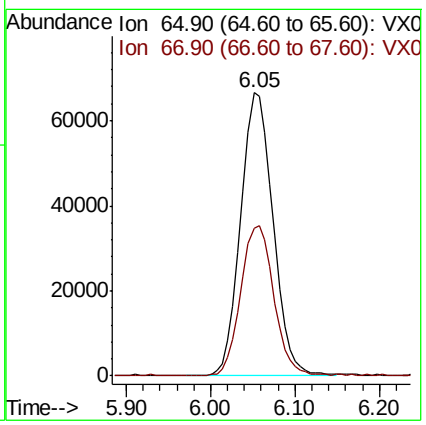


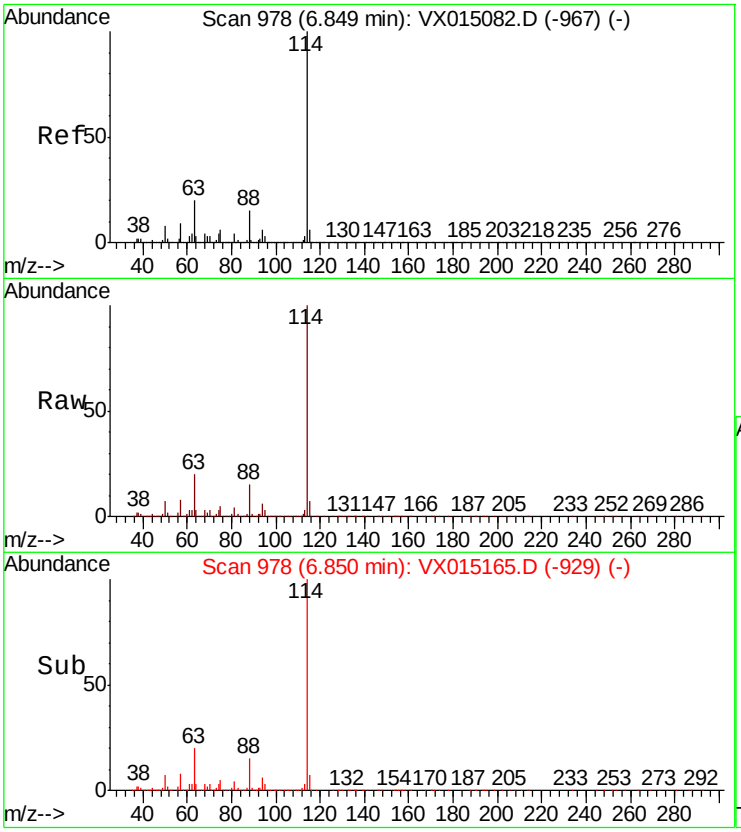


#33
1,2-Dichloroethane-d4
Concen: 47.886 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 65 Resp: 173056

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.6



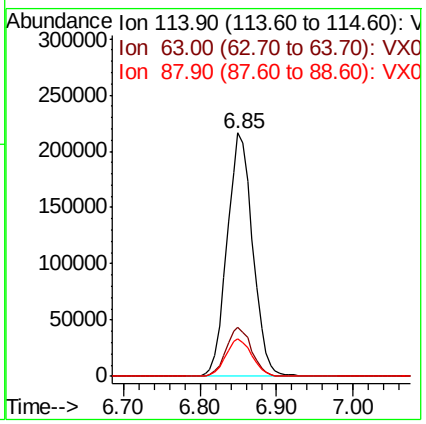


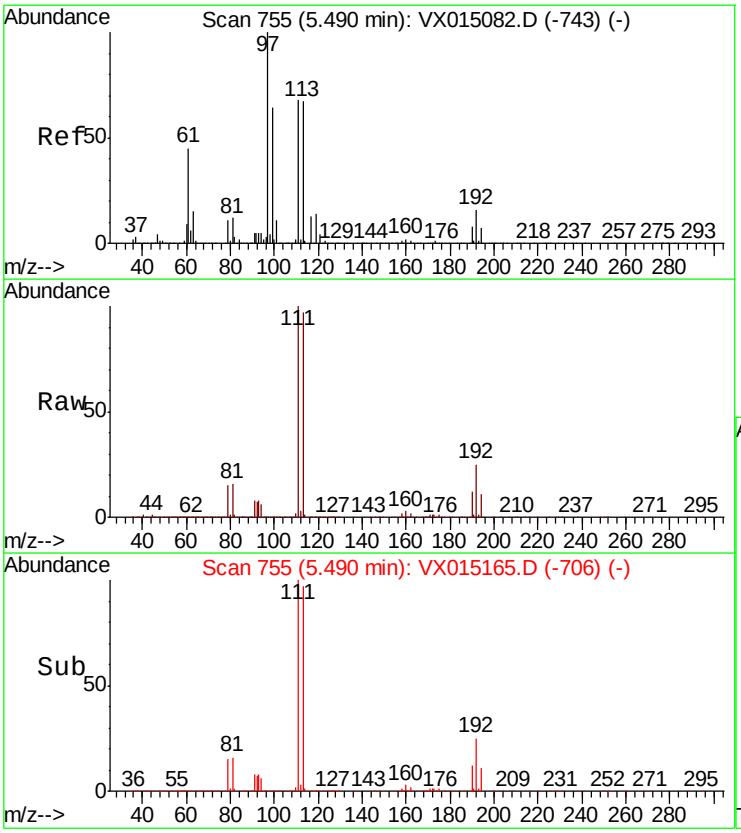
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 500260

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.2	0.0	30.6

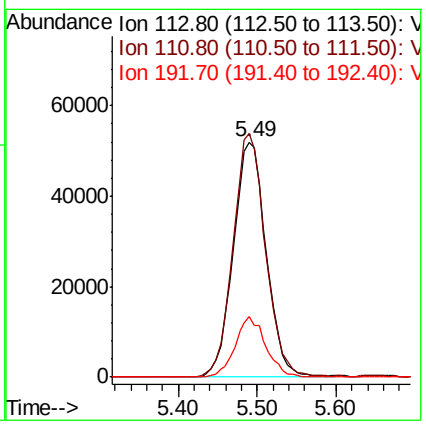


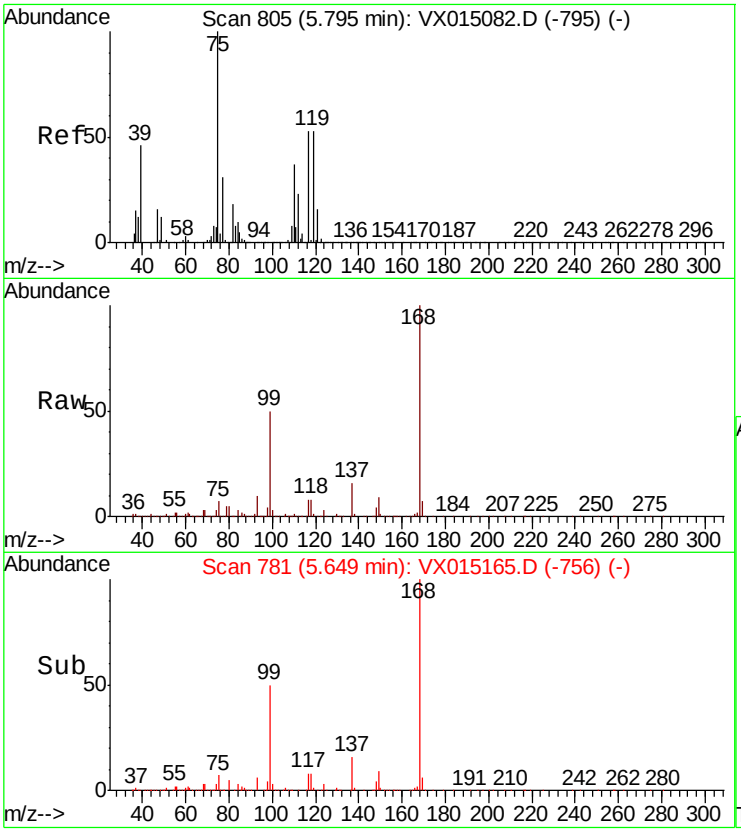


#35
Dibromofluoromethane
Concen: 47.811 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion:113 Resp: 150890

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	24.1	18.6	28.0



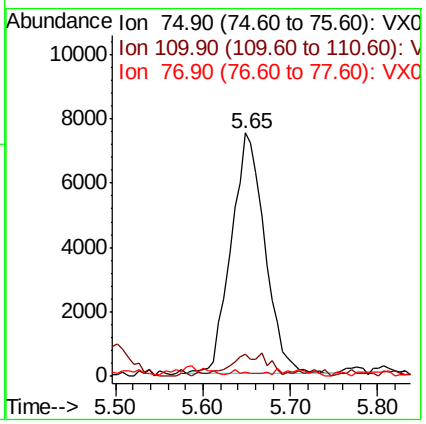


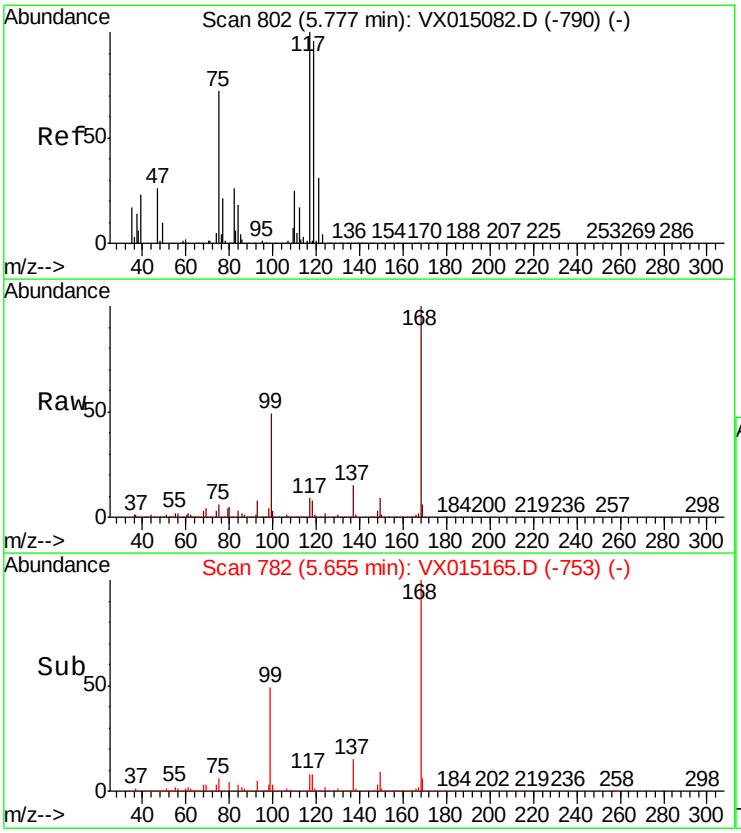
#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 19998

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.8#
77	0.6	24.8	37.2#

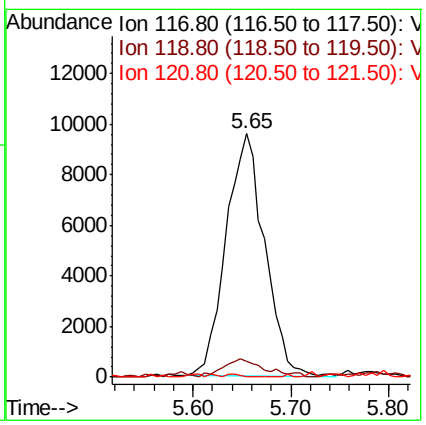


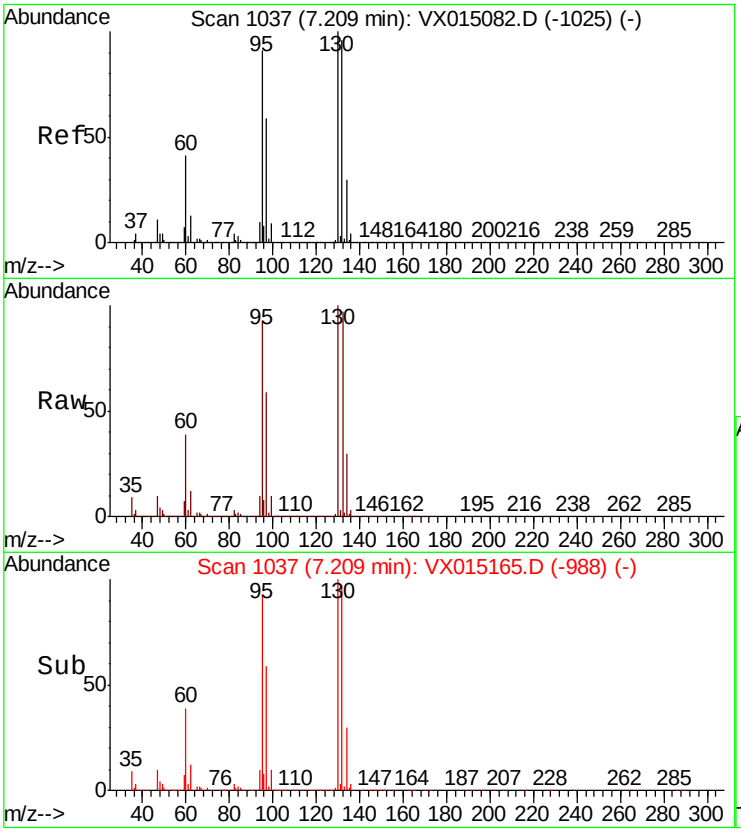


#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion:117 Resp: 26049

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.9	115.3#
121	0.0	24.6	37.0#



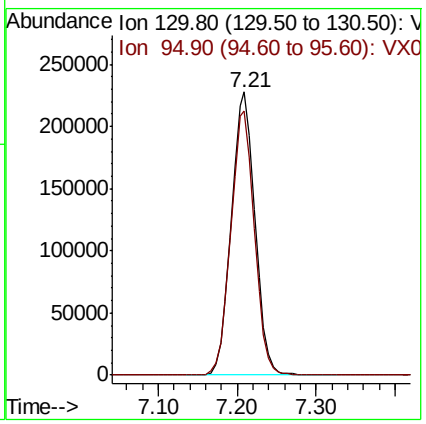


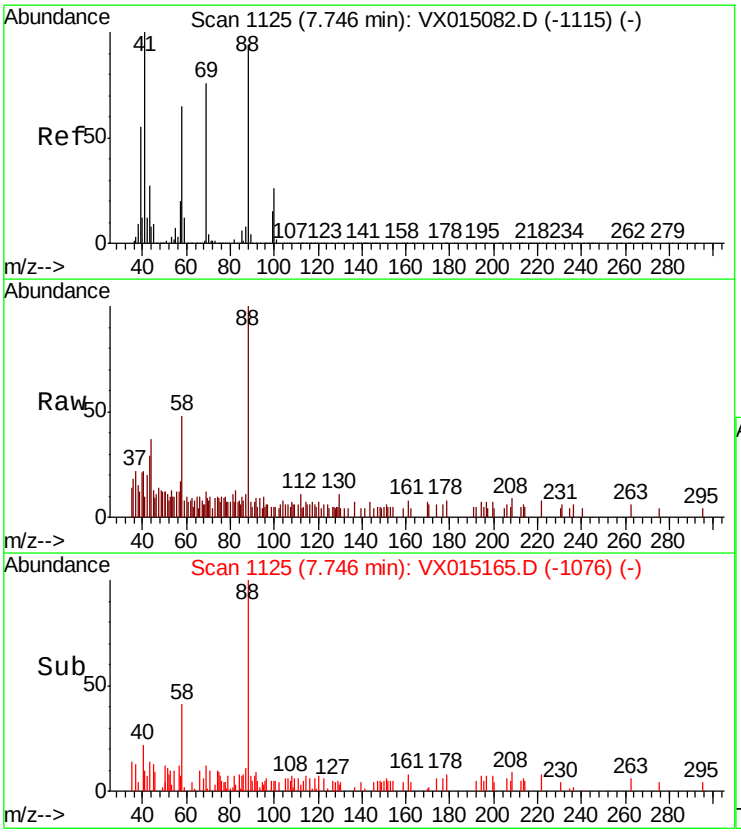
#44
Trichloroethene
Concen: 124.031 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 473943

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.2

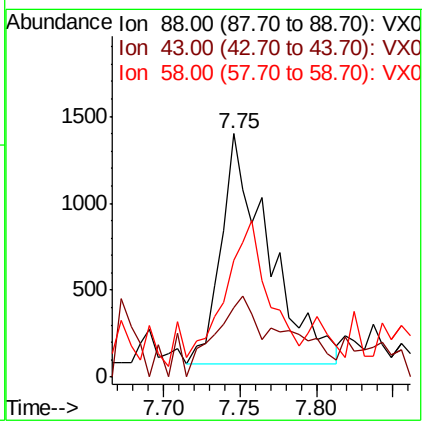


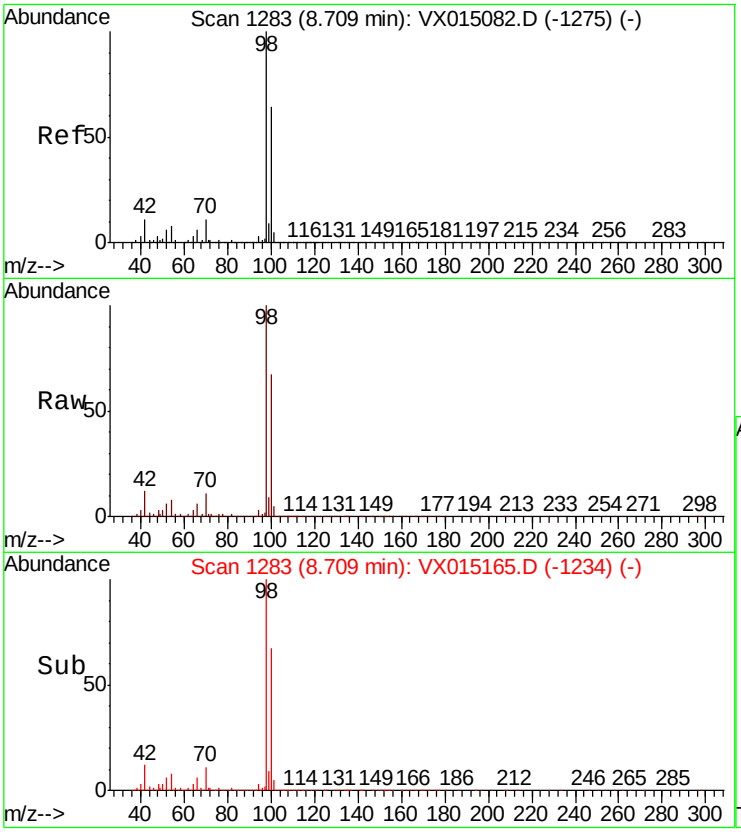


#49
1,4-Dioxane
Concen: 34.498 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 88 Resp: 2865

Ion	Ratio	Lower	Upper
88	100		
43	37.0	27.0	40.4
58	58.5	55.6	83.4



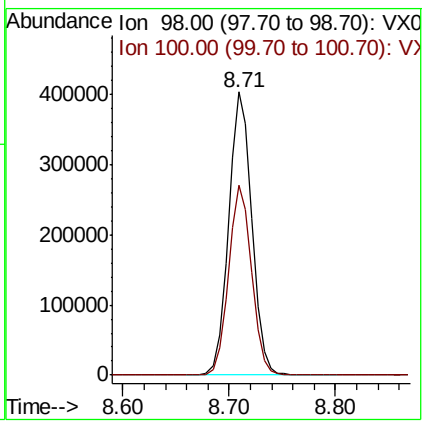


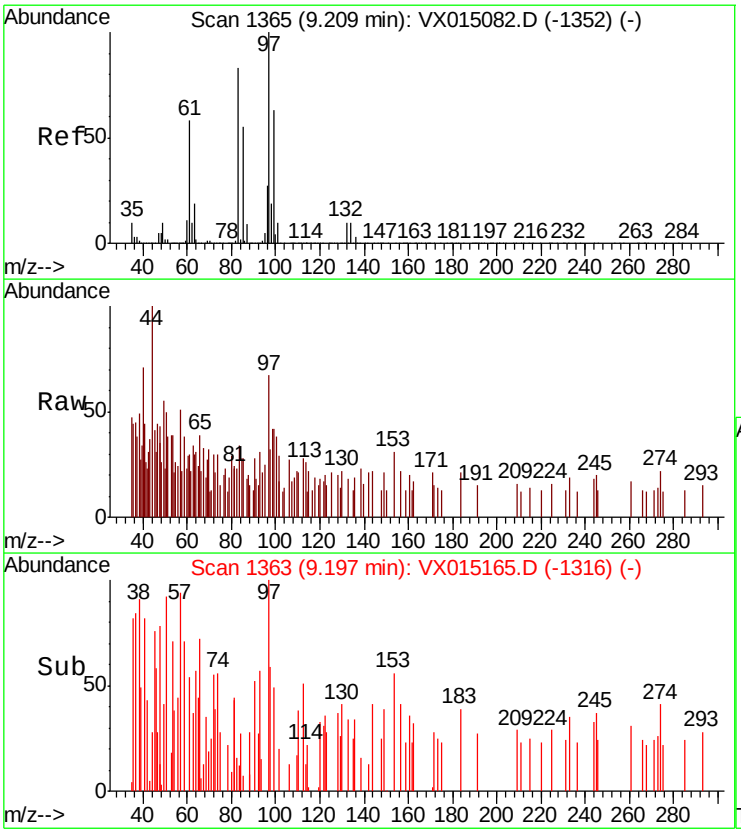
#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 614200

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.4	78.6

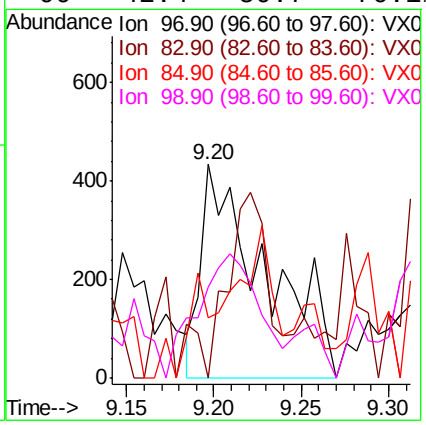


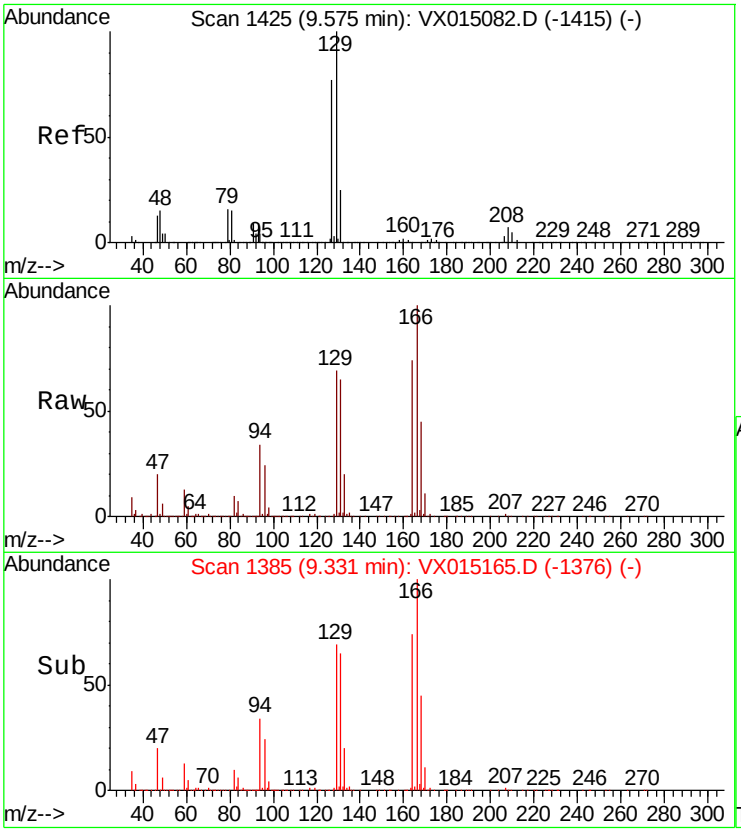


#55
1,1,2-Trichloroethane
Concen: 0.321 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 97 Resp: 1109

Ion	Ratio	Lower	Upper
97	100		
83	9.9	66.4	99.6#
85	14.1	43.5	65.3#
99	42.4	50.7	76.1#



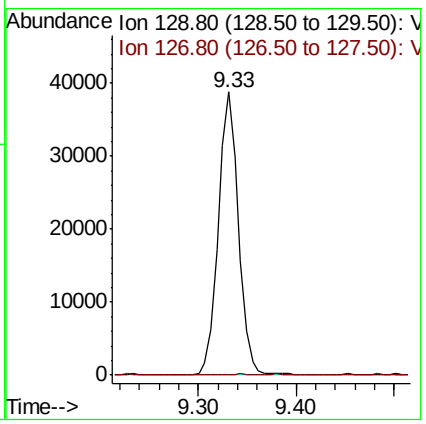


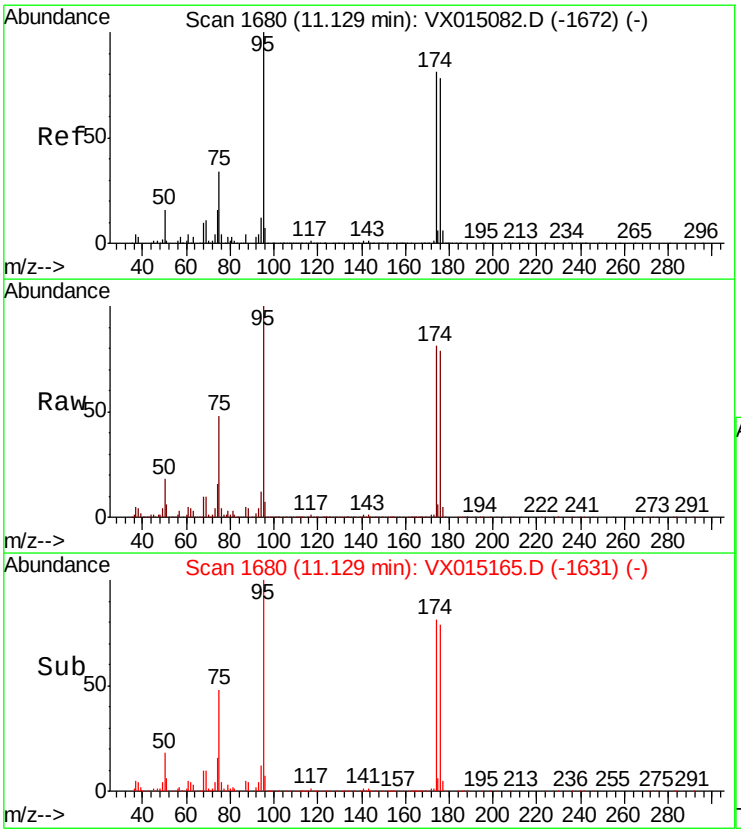
#60
Dibromochloromethane
Concen: 15.286 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.24 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 55448

Ion	Ratio	Lower	Upper
129	100		
127	0.2	38.8	116.3#

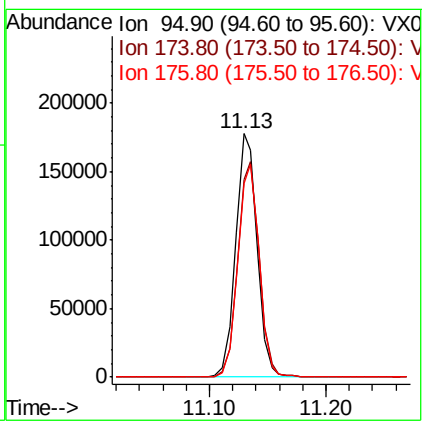


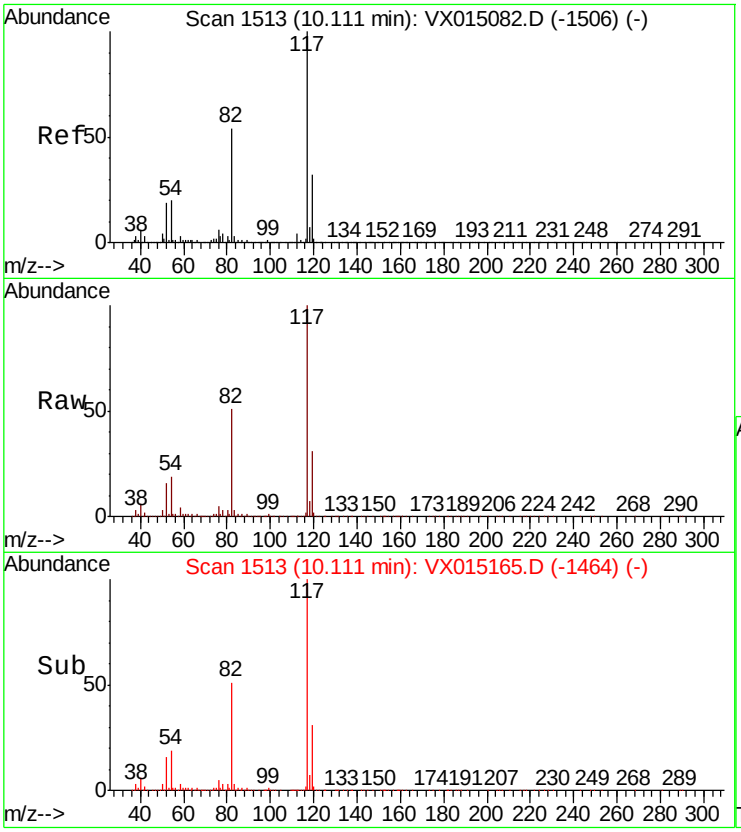


#62
4-Bromofluorobenzene
Concen: 53.053 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 95 Resp: 227173

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	177.6
176	87.7	0.0	170.2



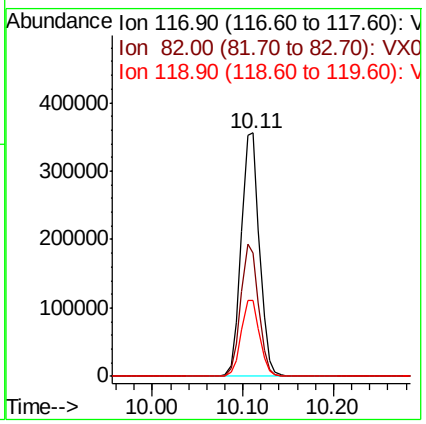


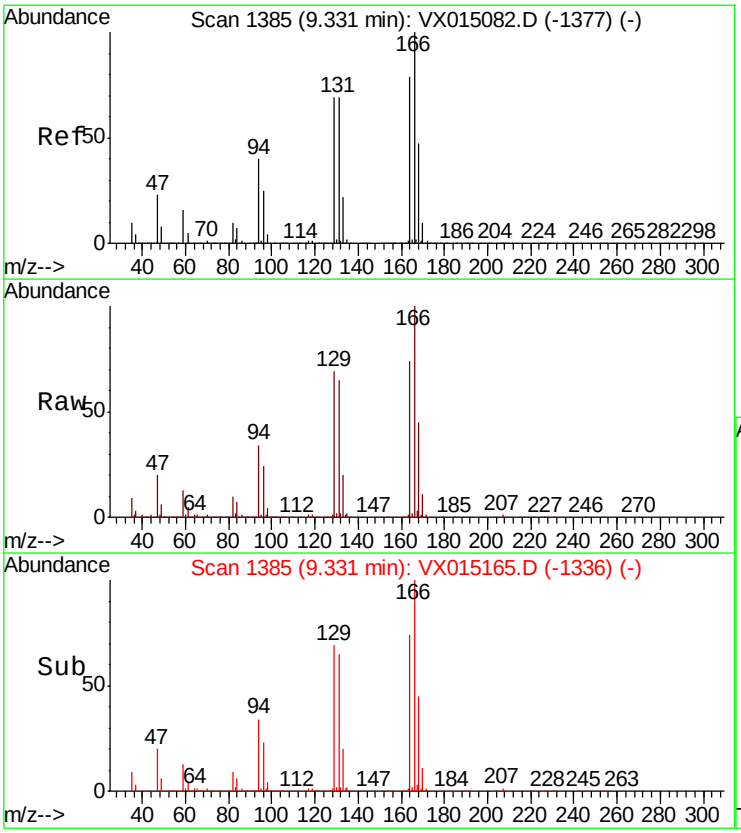
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 496754

Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.3	64.9
119	31.3	25.8	38.8

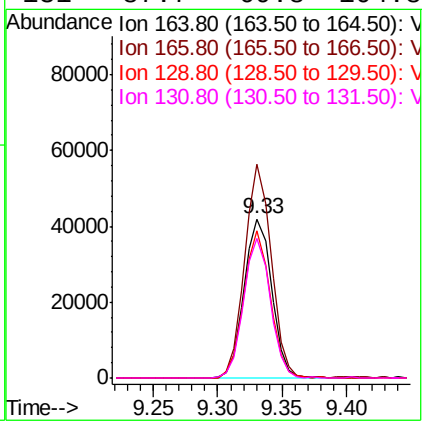


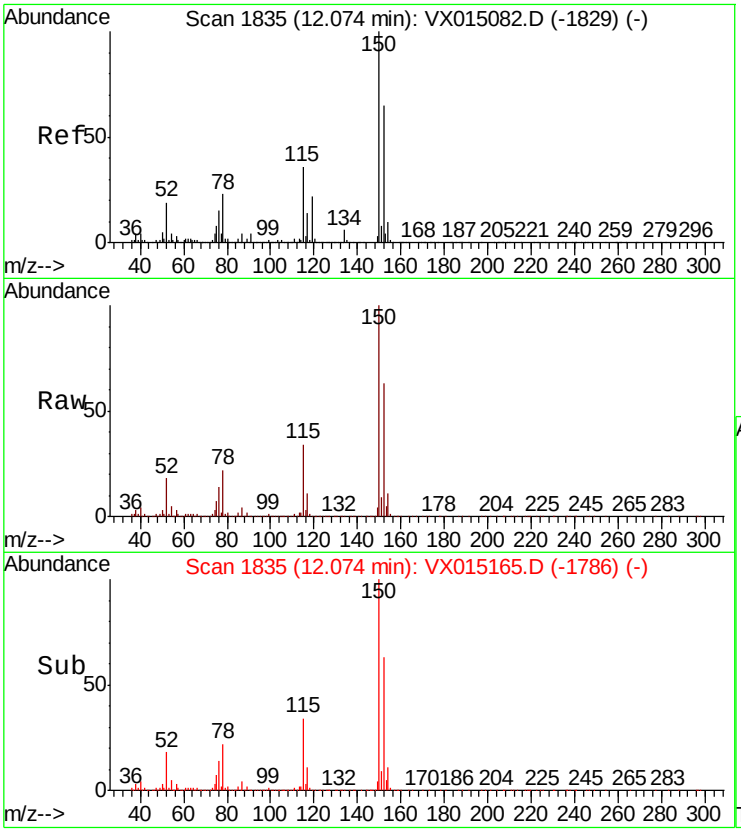


#64
Tetrachloroethene
Concen: 15.103 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion:164 Resp: 62033

Ion	Ratio	Lower	Upper
164	100		
166	134.4	101.1	151.7
129	92.6	69.4	104.0
131	87.7	69.8	104.8



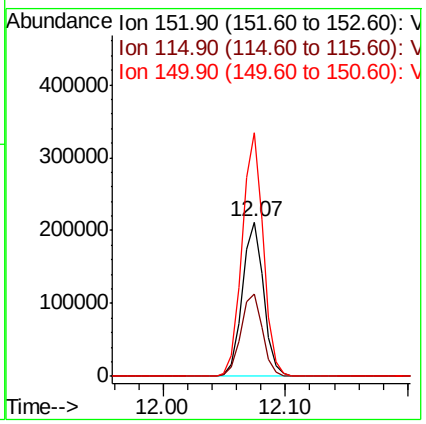


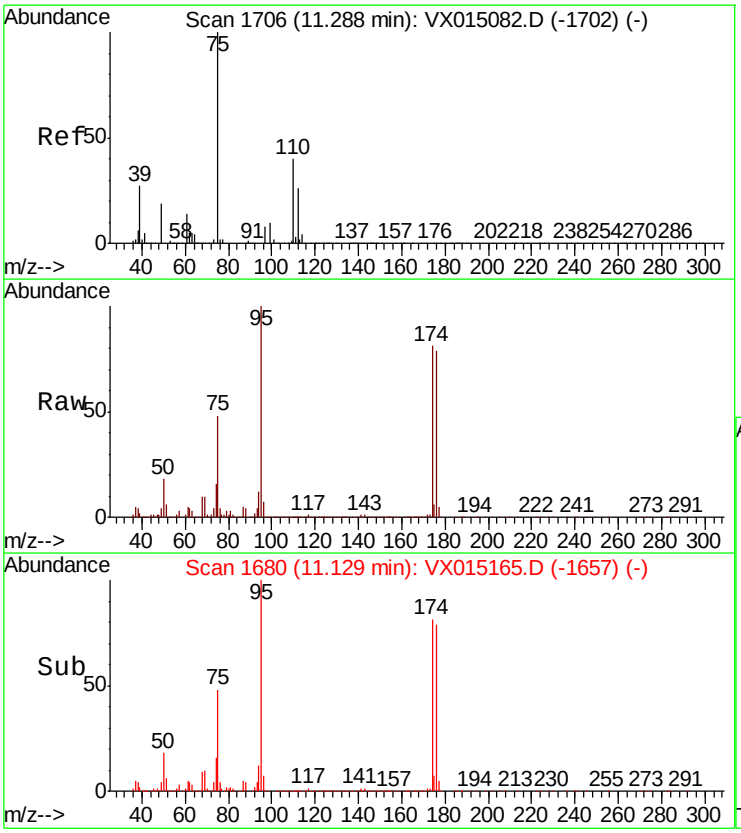
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 253700

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.2	114.6
150	156.3	0.0	343.8

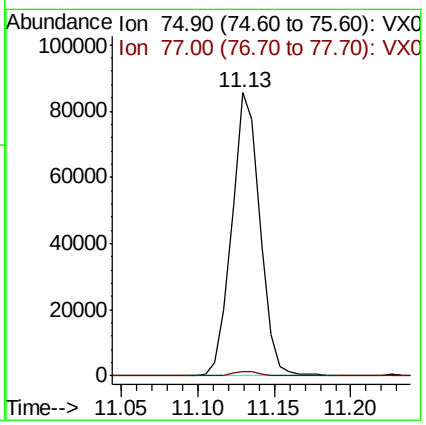


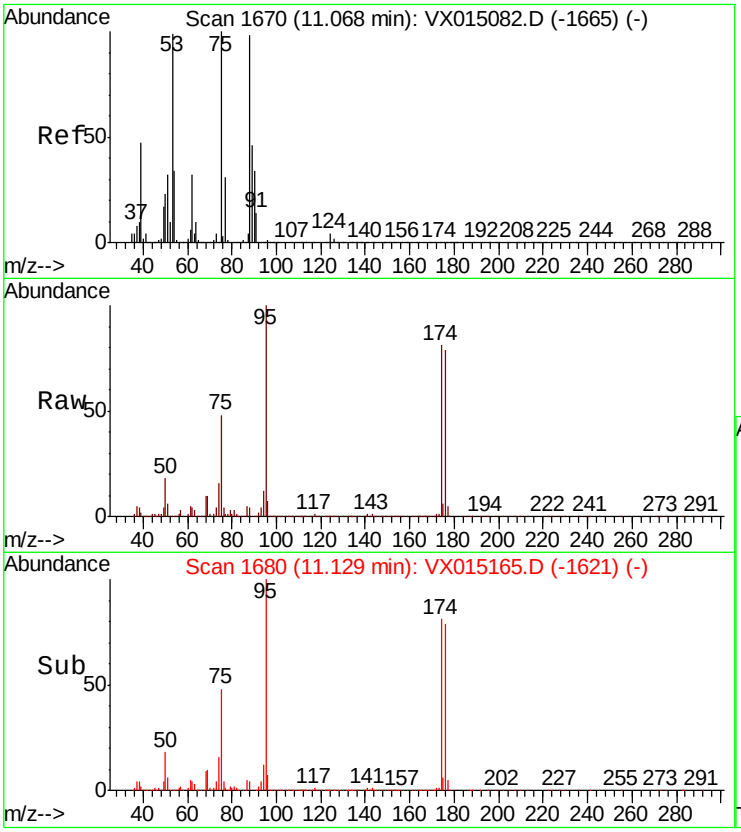


#76
1,2,3-Trichloropropane
Concen: 21.484 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 75 Resp: 108723

Ion	Ratio	Lower	Upper
75	100		
77	1.8	22.6	67.8#



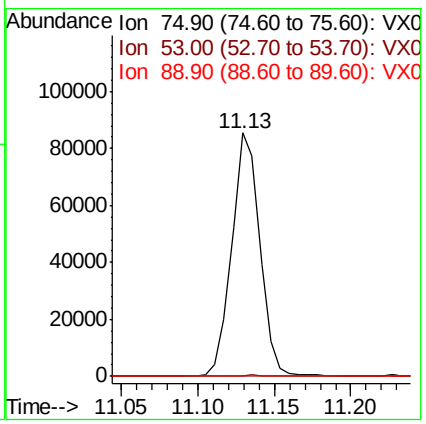


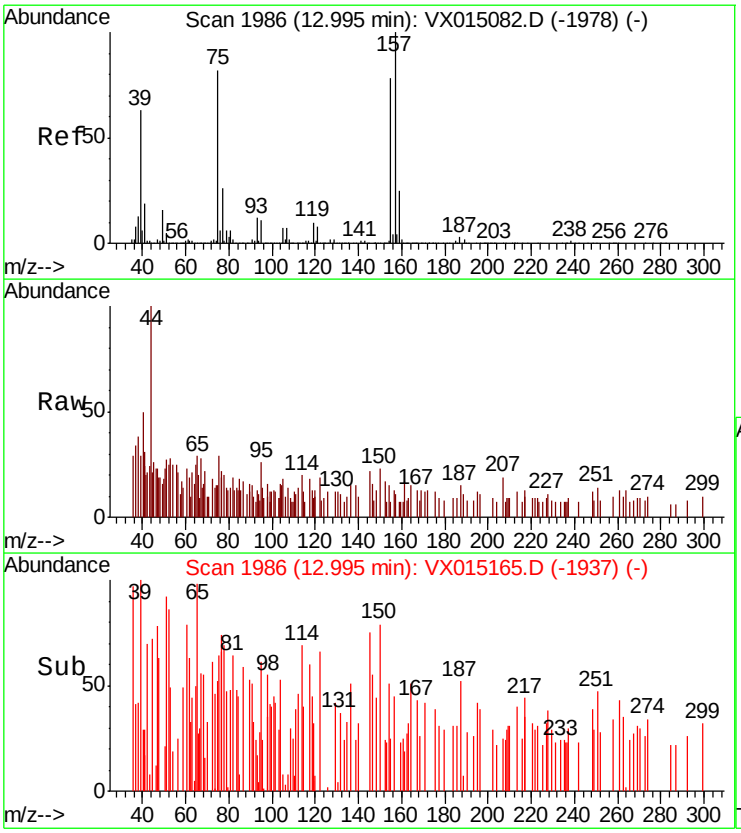
#81
trans-1,4-Dichloro-2-butene
Concen: 60.973 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 108723

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.9	116.9#
89	0.2	36.2	54.2#

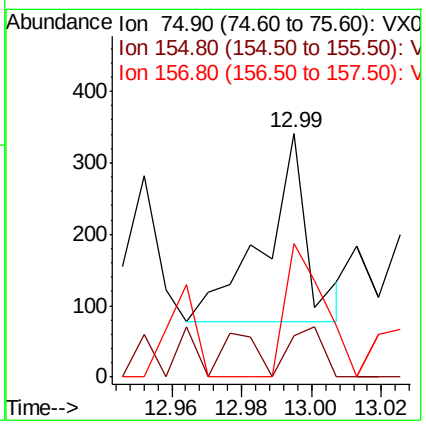


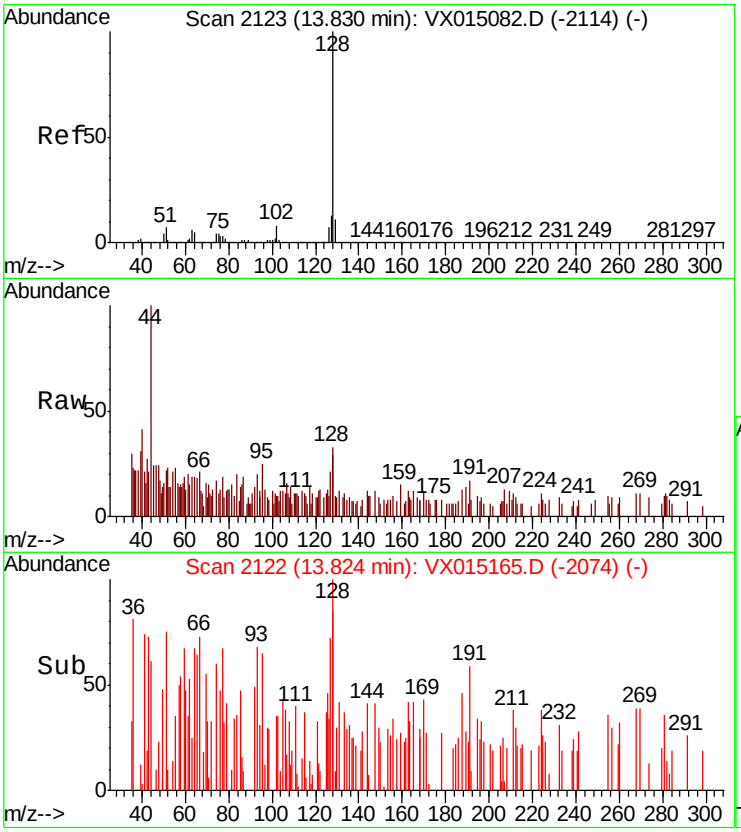


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.214 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Tgt Ion: 75 Resp: 231

Ion	Ratio	Lower	Upper
75	100		
155	20.3	46.6	139.7#
157	62.3	59.2	177.5





#95
Naphthalene
Concen: 1.494 ug/l
RT: 13.82 min Scan# 2122
Delta R.T. -0.01 min
Lab File: VX015165.D
Acq: 10 Mar 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1279

Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	0.0	8.6	13.0#