Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031020\
Data File : VX015166.D
Acq On : 10 Mar 2020 13:26
Operator : JC/SP
Sample : L1842-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 11 07:28:45 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	326197	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	536124	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	524177	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264018	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	205220	53.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.06%				
35) Dibromofluoromethane	5.49	113	168656	49.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.74%				
50) Toluene-d8	8.71	98	655381	50.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.88%				
62) 4-Bromofluorobenzene	11.14	95	238453	51.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	2013	0.705	ug/l		96
3) Chloromethane	1.32	50	1395	0.345	ug/l	#	74
5) Bromomethane	1.66	94	587	0.233	ug/l		98
7) Trichlorofluoromethane	1.93	101	1366	0.280	ug/l		86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	17772	5.786	ug/l		97
12) 1,1-Dichloroethene	2.37	96	3067	0.968	ug/l	#	75
15) Acrylonitrile	3.11	53	341	0.204	ug/l	#	34
16) Acetone	2.44	43	2490	1.589	ug/l	#	75
20) Methylene Chloride	2.84	84	1040	0.284	ug/l	#	41
24) 1,1-Dichloroethane	3.70	63	1517	0.248	ug/l	#	66
25) 2-Butanone	4.65	43	594	0.259	ug/l	#	49
27) cis-1,2-Dichloroethene	4.59	96	5188	1.366	ug/l		86
29) Tetrahydrofuran	5.12	42	1354	0.915	ug/l	#	59
30) Chloroform	5.22	83	1400	0.235	ug/l	#	61
32) 1,1,1-Trichloroethane	5.49	97	4729	0.958	ug/l	#	46
36) 1,1-Dichloropropene	5.65	75	23321	4.705	ug/l	#	42
38) Carbon Tetrachloride	5.65	117	29486	6.303	ug/l	#	14
41) Methacrylonitrile	5.03	41	1274	0.461	ug/l	#	28
44) Trichloroethene	7.21	130	255075	62.288	ug/l		99
49) 1,4-Dioxane	7.75	88	1856	20.854	ug/l	#	88
64) Tetrachloroethene	9.33	164	1197	0.276	ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	119608	22.712	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	119608	64.456	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.87	75	250	0.222	ug/l		69
95) Naphthalene	13.83	128	962	1.473	ug/l	#	76

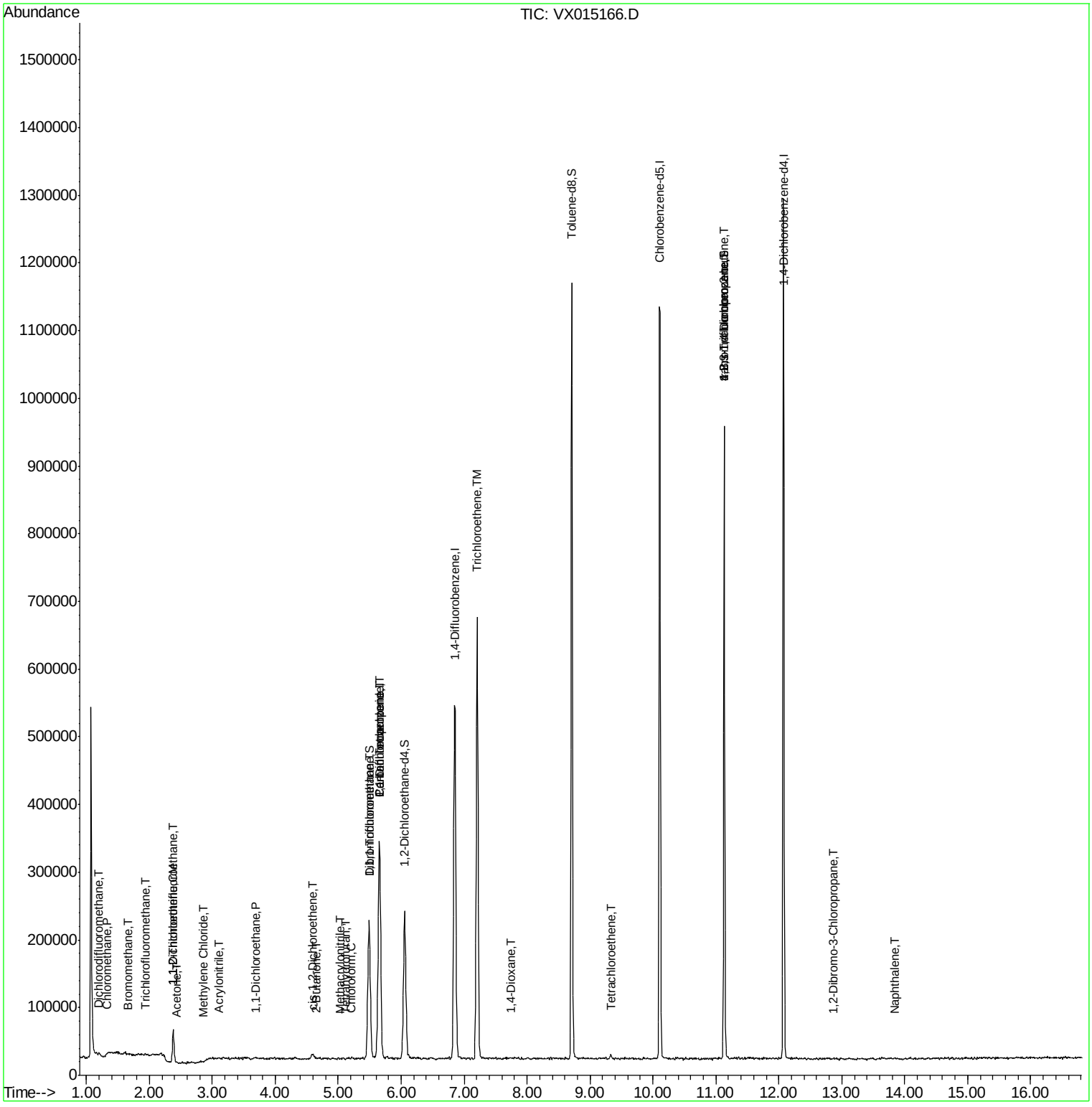
(#) = qualifier out of range (m) = manual integration (+) = signals summed

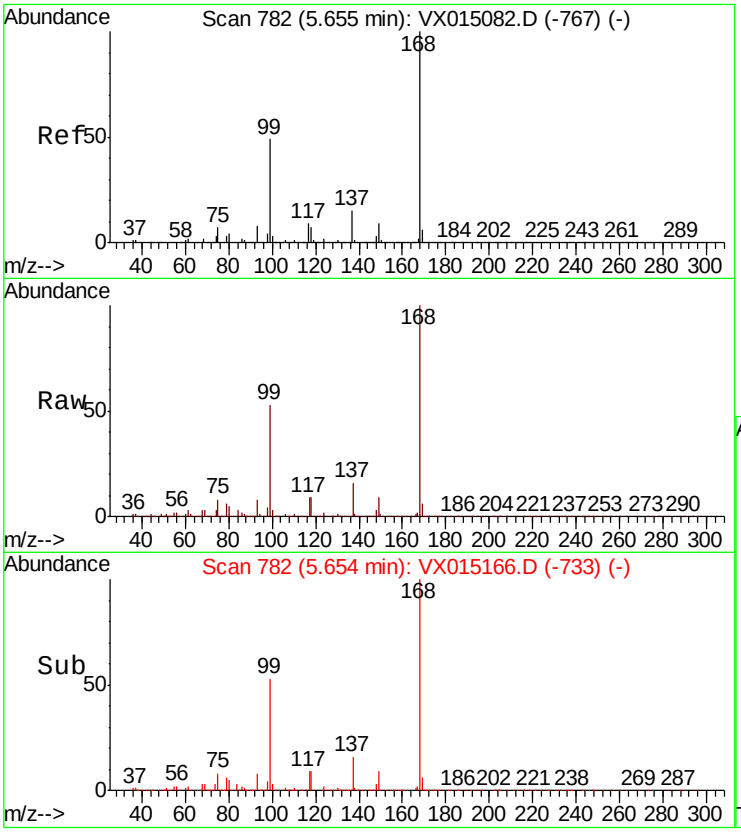
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
Data File : VX015166.D
Acq On : 10 Mar 2020 13:26
Operator : JC/SP
Sample : L1842-24
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 11 07:28:45 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



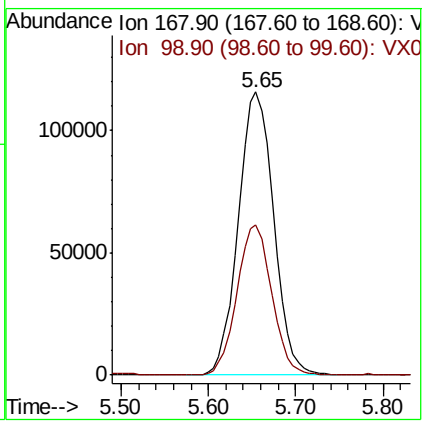


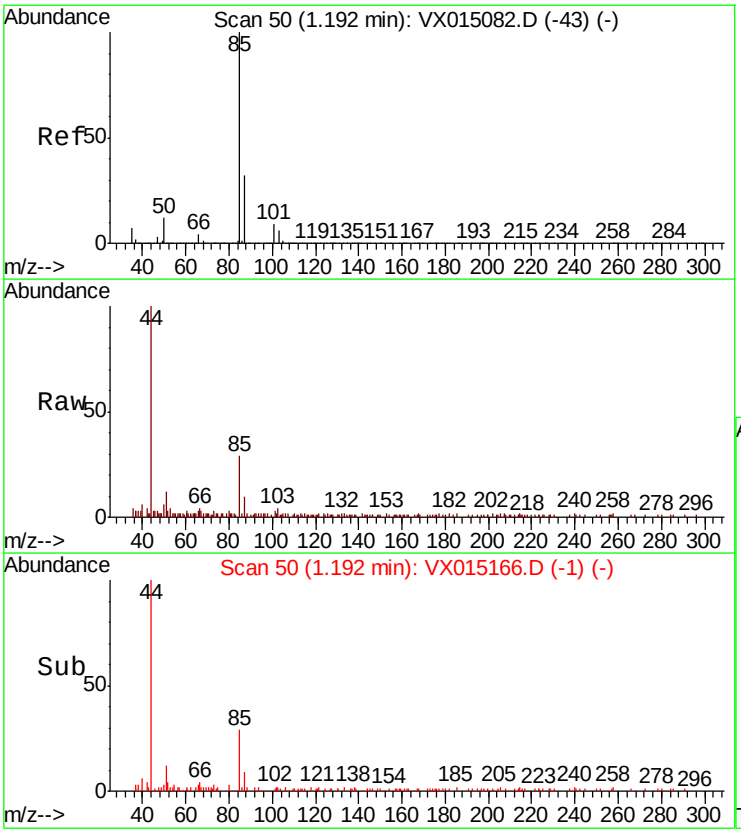
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 326197

Ion	Ratio	Lower	Upper
168	100		
99	52.9	39.4	59.2

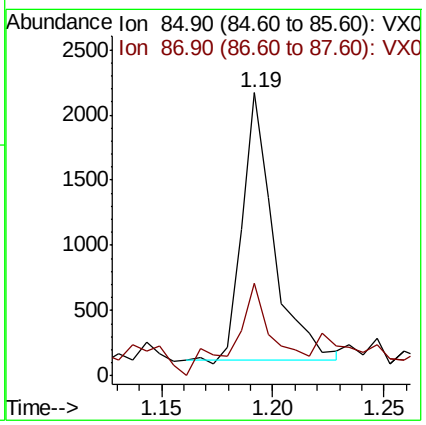


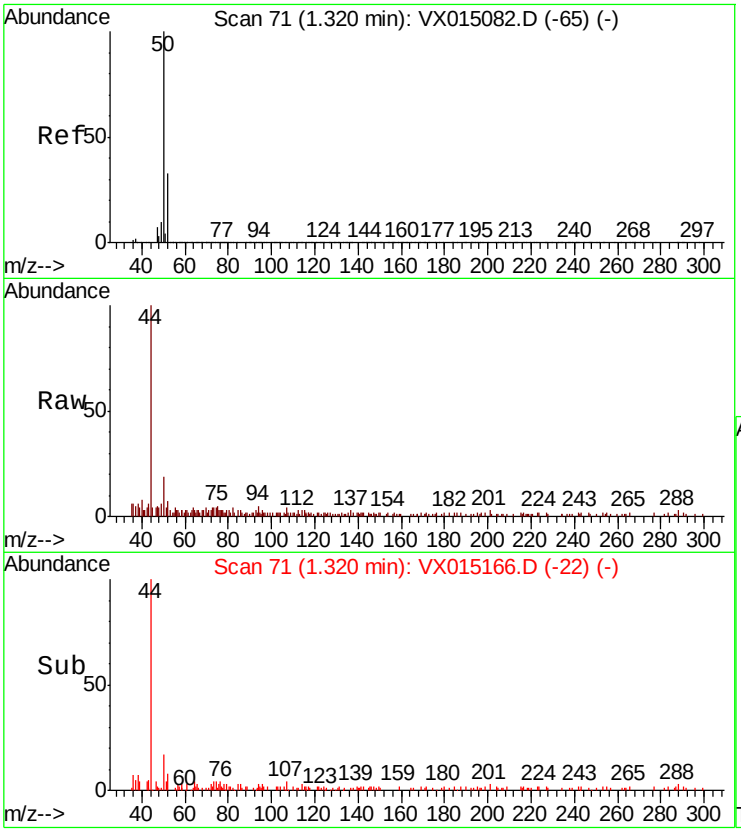


#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 85 Resp: 2013

Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.2	48.5



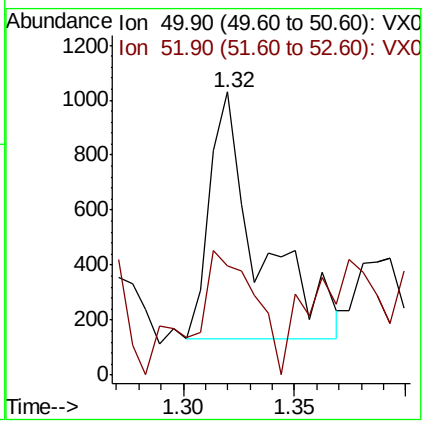


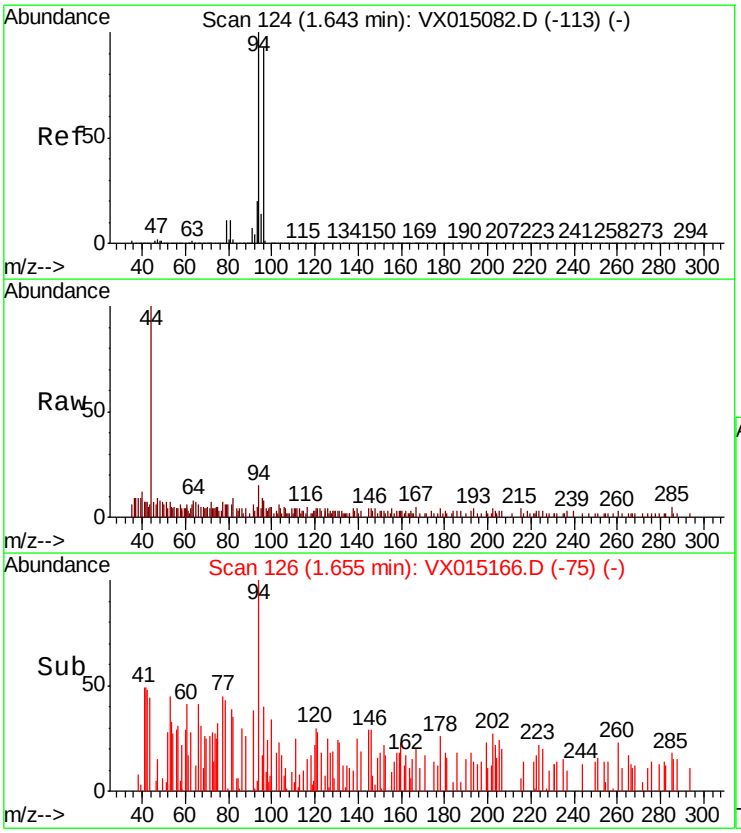
#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1395

Ion	Ratio	Lower	Upper
50	100		
52	17.9	26.2	39.2#

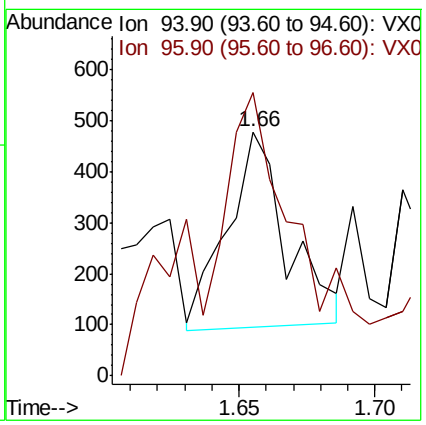


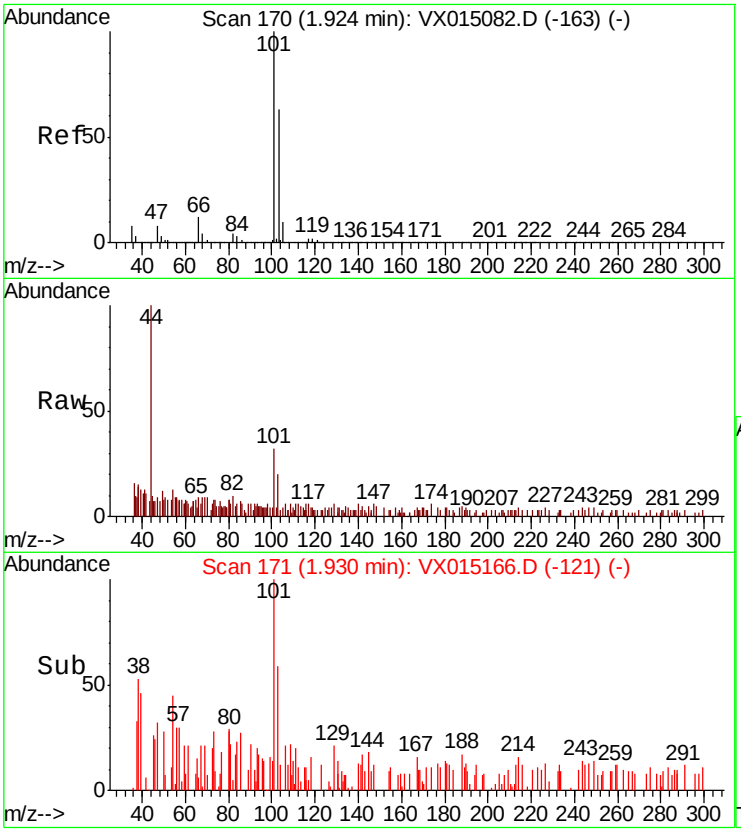


#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 94 Resp: 587

Ion	Ratio	Lower	Upper
94	100		
96	91.5	74.6	111.8



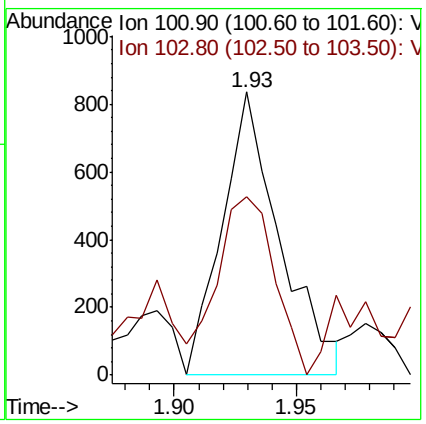


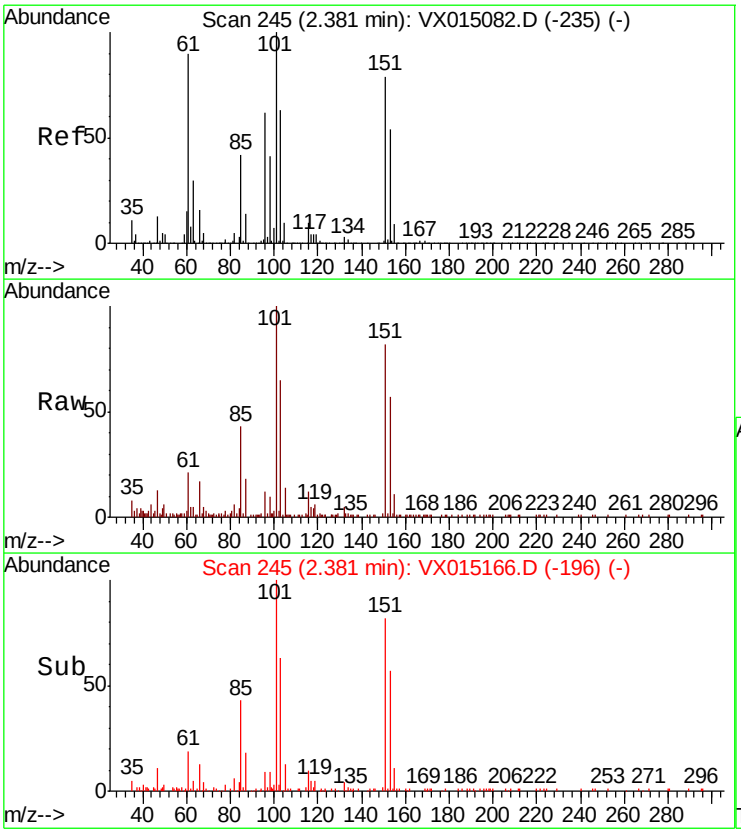
#7
Trichlorofluoromethane
Concen: 0.280 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1366

Ion	Ratio	Lower	Upper
101	100		
103	52.2	50.4	75.6

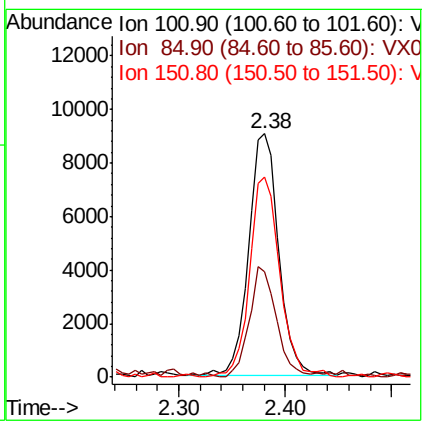


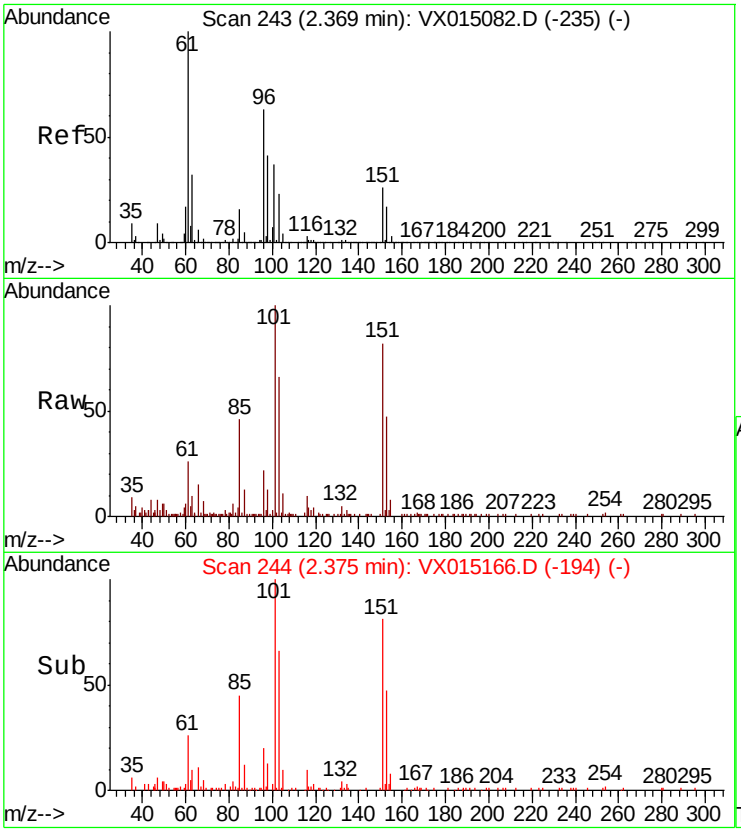


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.786 ug/l
RT: 2.38 min Scan# 245
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion:101 Resp: 17772

Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.7	50.5
151	84.3	64.0	96.0



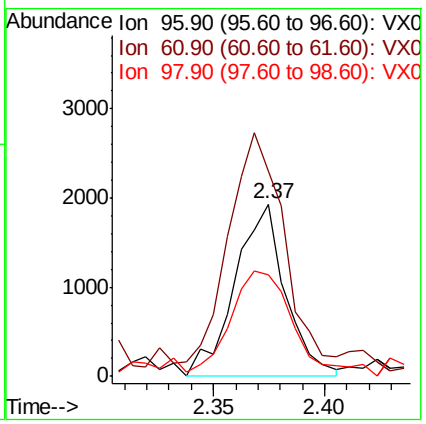


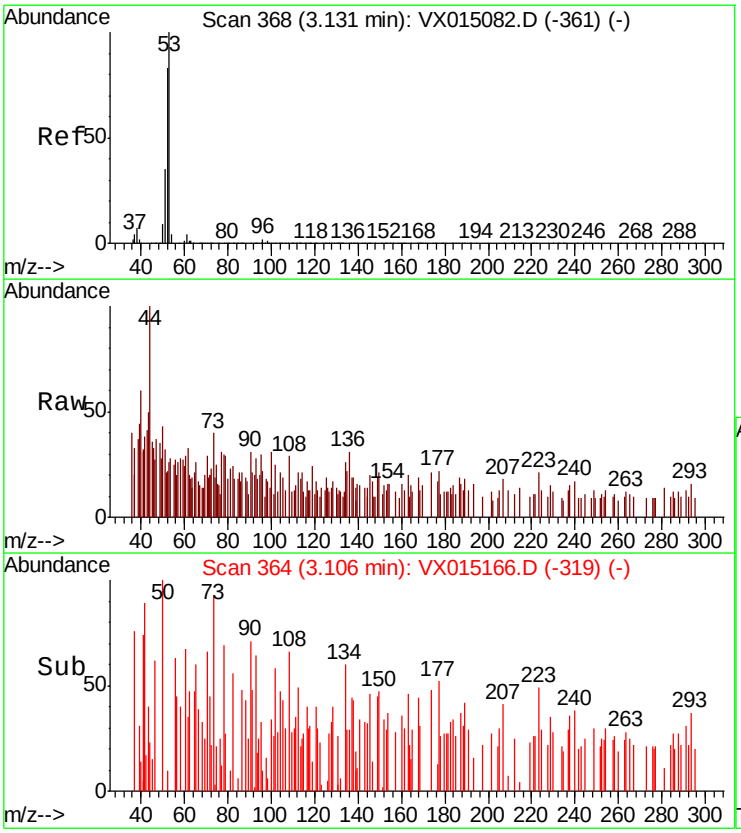
#12
1,1-Dichloroethene
Concen: 0.968 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 3067

Ion	Ratio	Lower	Upper
96	100		
61	116.0	126.2	189.4#
98	59.0	51.4	77.0

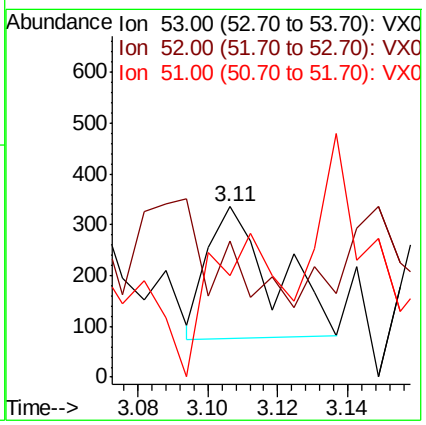


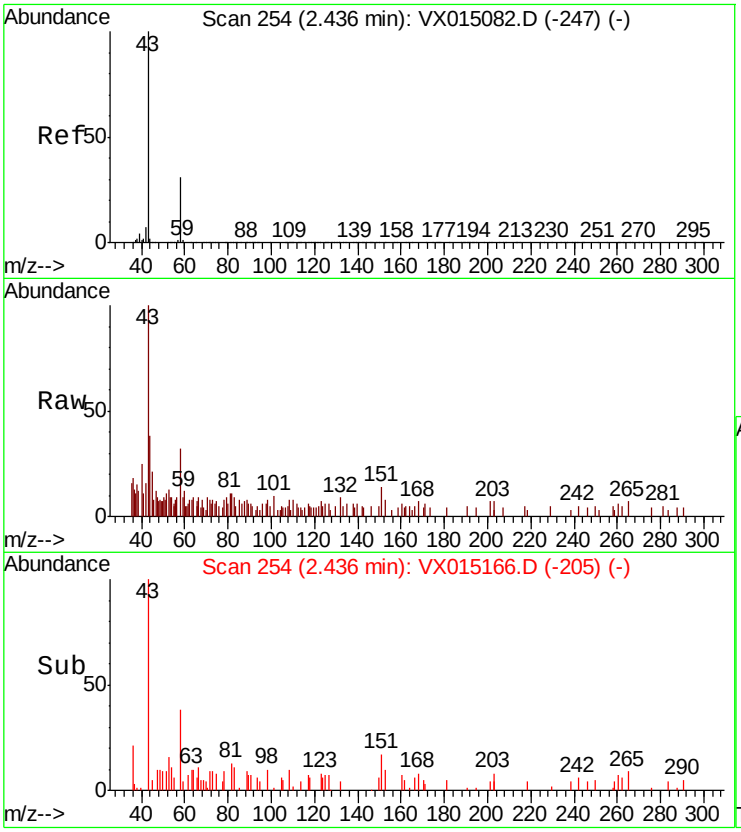


#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 3.11 min Scan# 364
Delta R.T. -0.02 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 53 Resp: 341

Ion	Ratio	Lower	Upper
53	100		
52	115.5	66.6	100.0#
51	115.5	29.0	43.6#



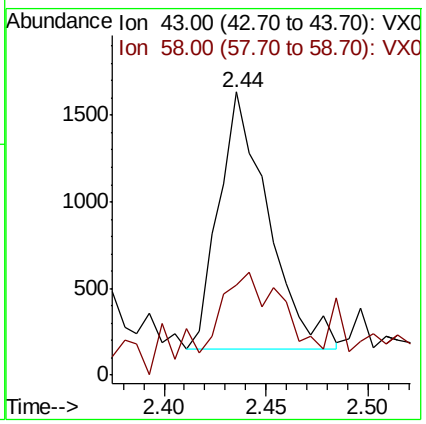


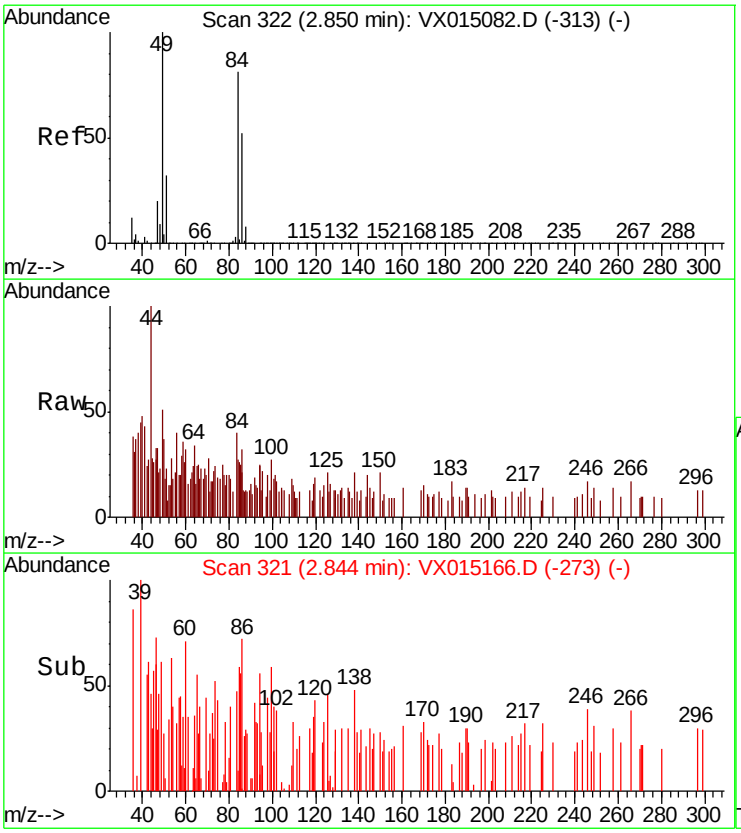
#16
Acetone
Concen: 1.589 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2490

Ion	Ratio	Lower	Upper
43	100		
58	17.2	24.8	37.2#

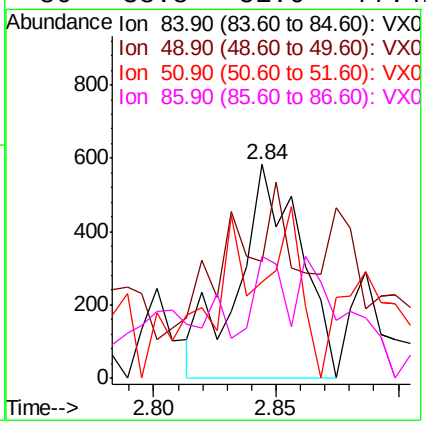


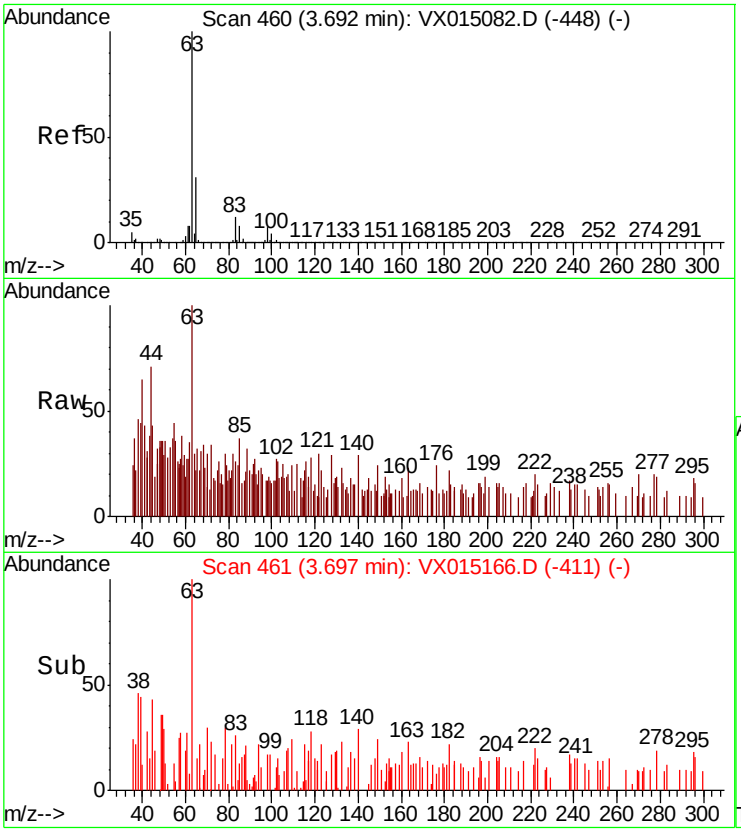


#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 84 Resp: 1040

Ion	Ratio	Lower	Upper
84	100		
49	32.5	99.4	149.2#
51	19.1	31.5	47.3#
86	38.8	51.6	77.4#



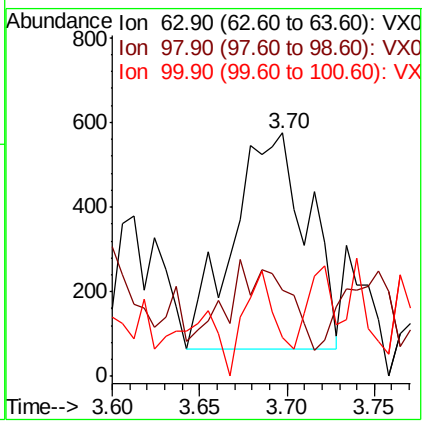


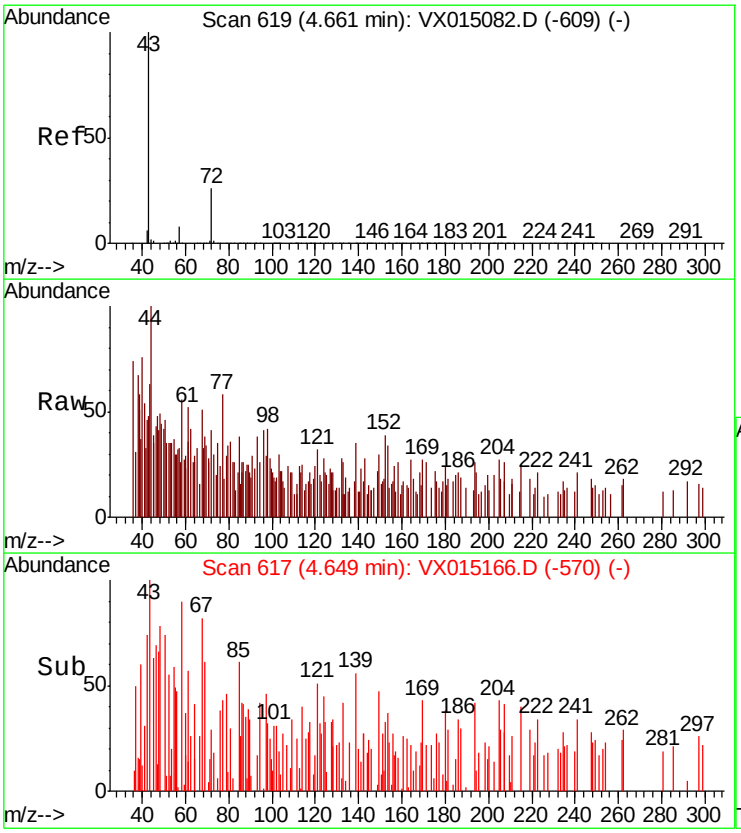
#24
1,1-Dichloroethane
Concen: 0.248 ug/l
RT: 3.70 min Scan# 461
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 1517

Ion	Ratio	Lower	Upper
63	100		
98	23.7	3.7	11.1#
100	0.0	2.1	6.5#

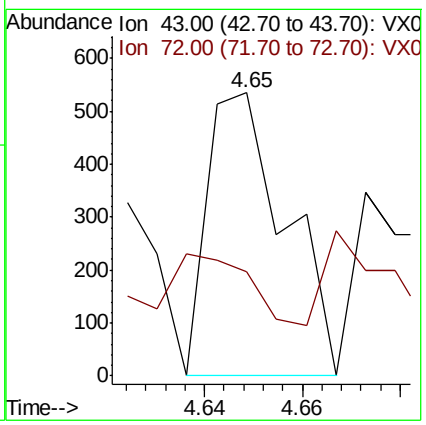


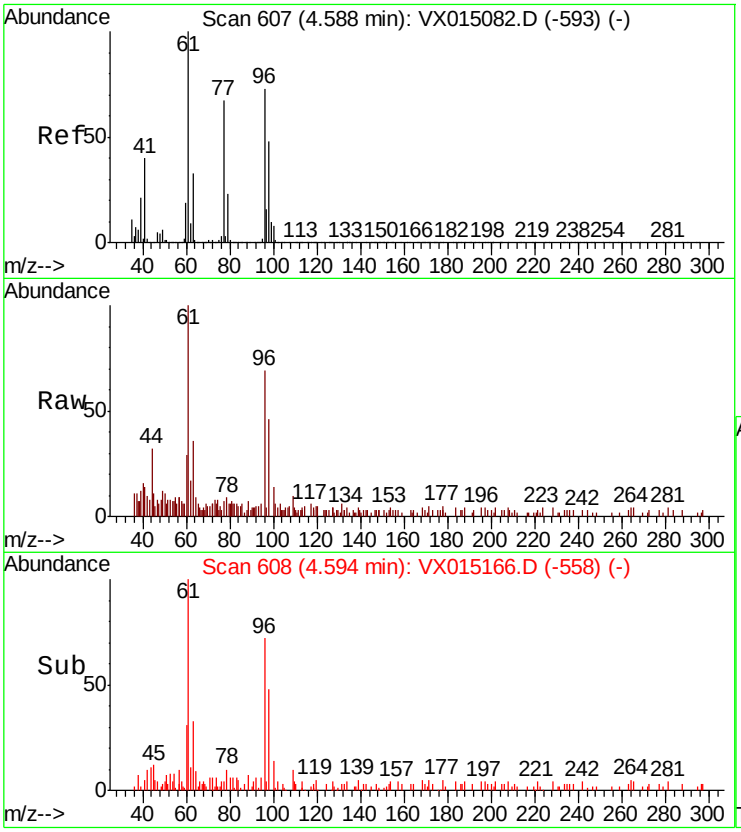


#25
2-Butanone
Concen: 0.259 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 43 Resp: 594

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	30.8#



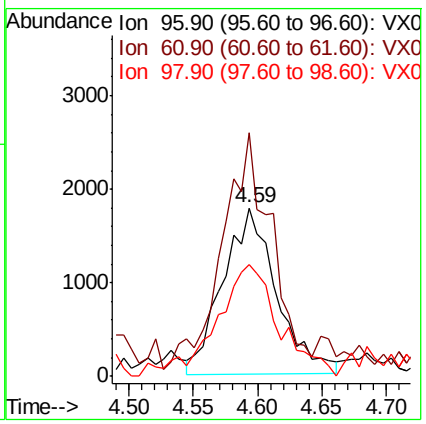


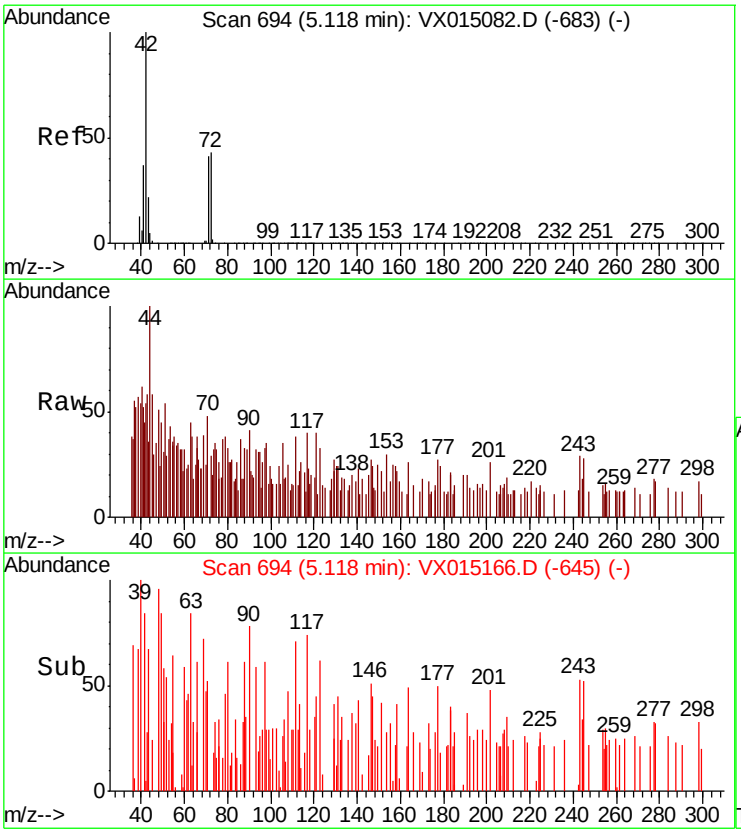
#27
cis-1,2-Dichloroethene
Concen: 1.366 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 5188

Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	286.8
98	78.6	0.0	128.4

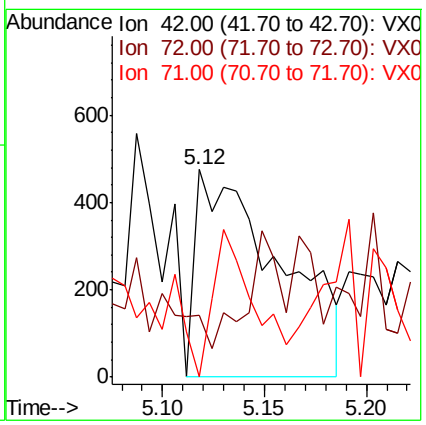


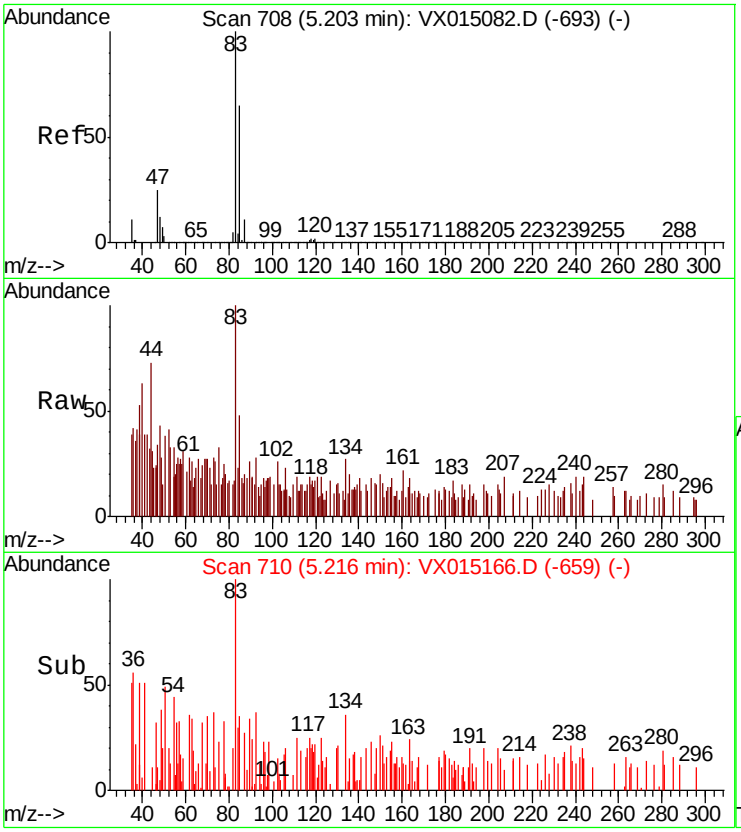


#29
Tetrahydrofuran
Concen: 0.915 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 42 Resp: 1354

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.4	54.6#
71	35.3	33.3	49.9



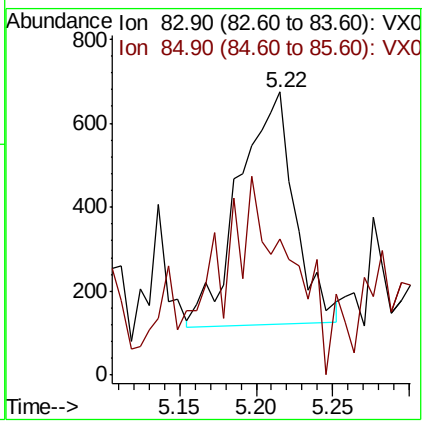


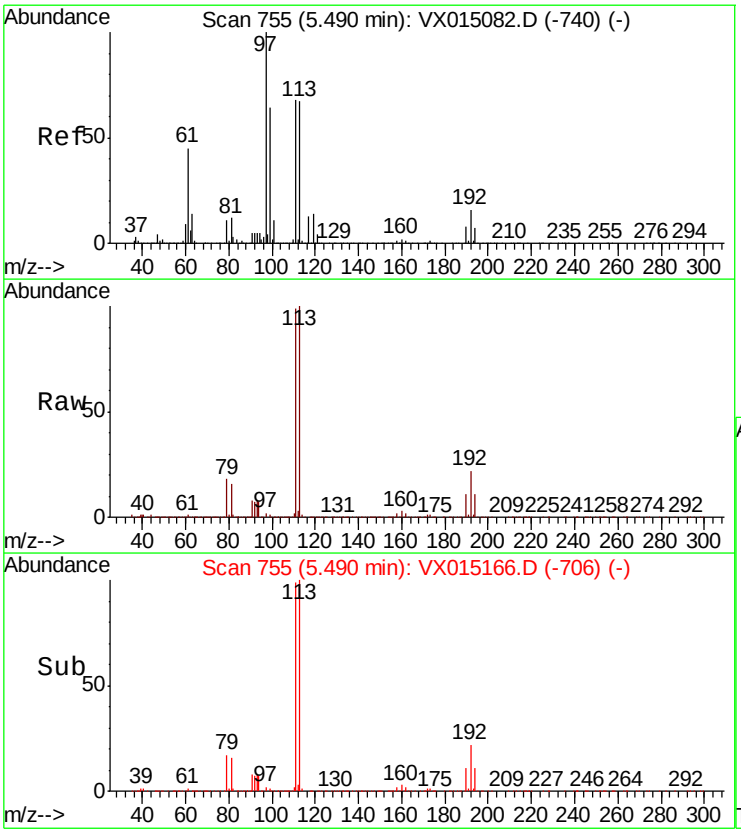
#30
Chloroform
Concen: 0.235 ug/l
RT: 5.22 min Scan# 710
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1400

Ion	Ratio	Lower	Upper
83	100		
85	34.1	52.0	78.0#

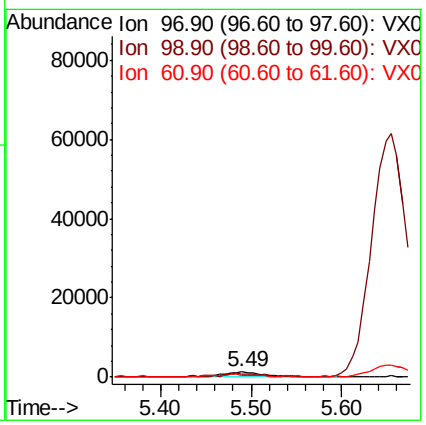


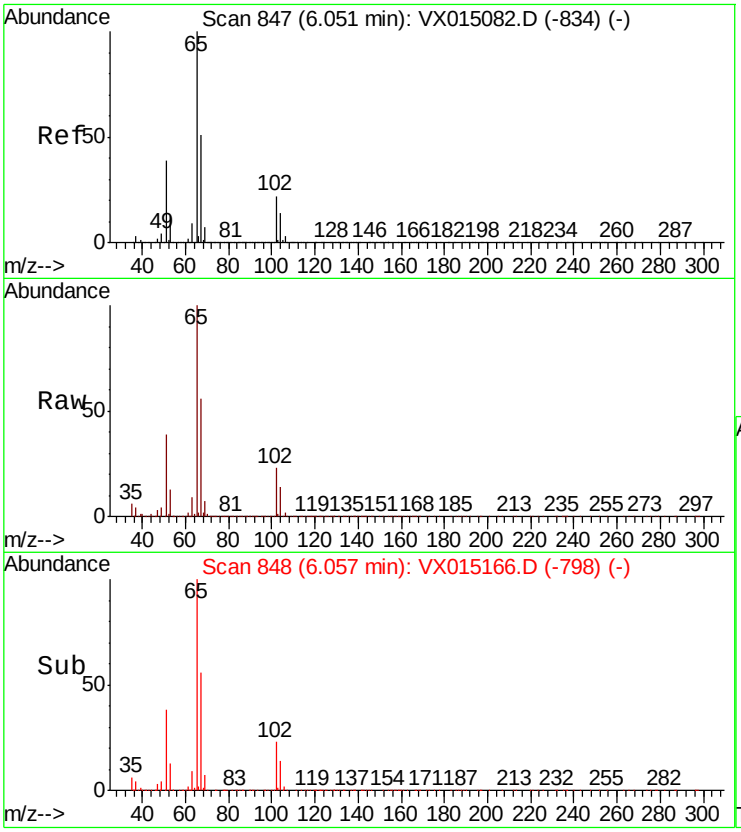


#32
1,1,1-Trichloroethane
Concen: 0.958 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 97 Resp: 4729

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.8	79.2#
61	53.7	36.6	54.8



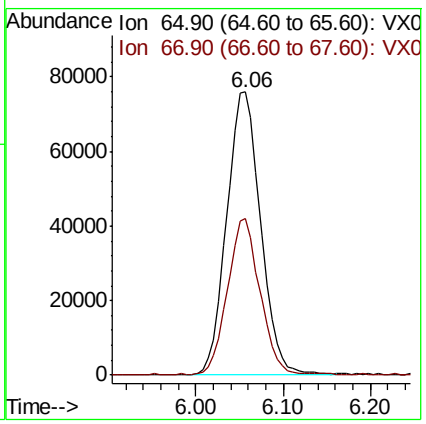


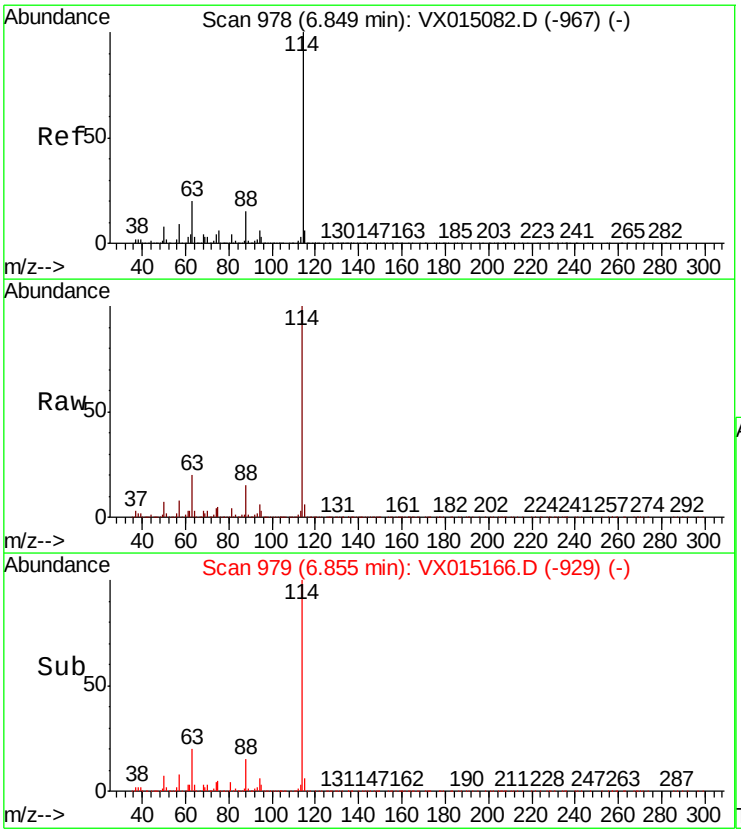
#33
1,2-Dichloroethane-d4
Concen: 53.030 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 205220

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.6

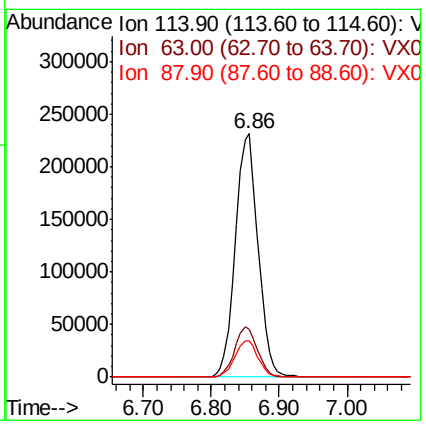


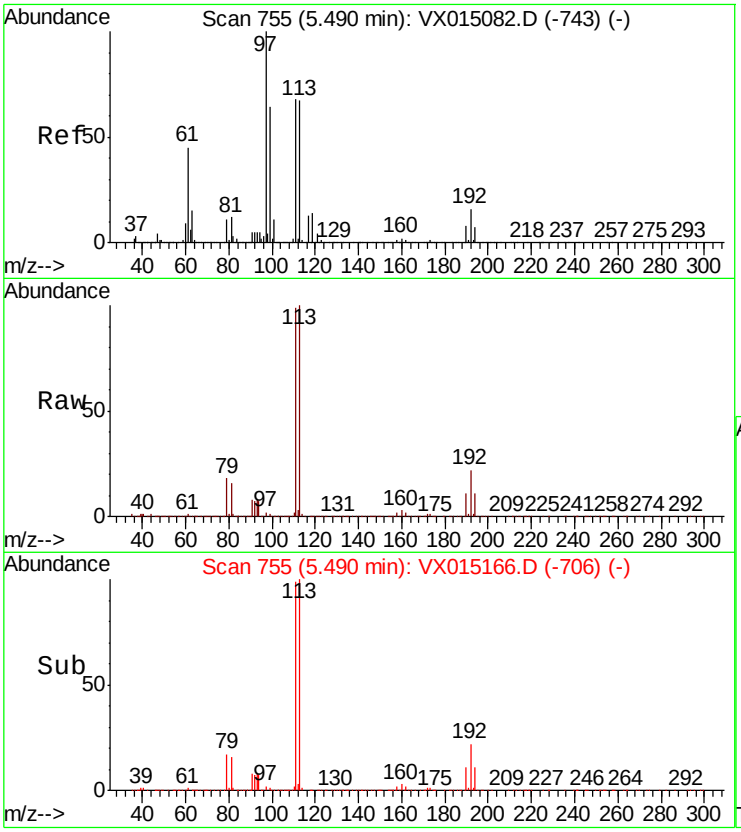


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion:114 Resp: 536124

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	14.6	0.0	30.6



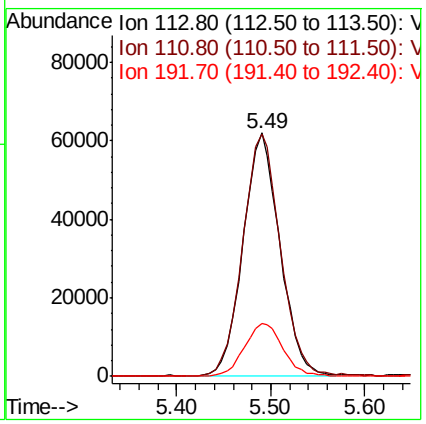


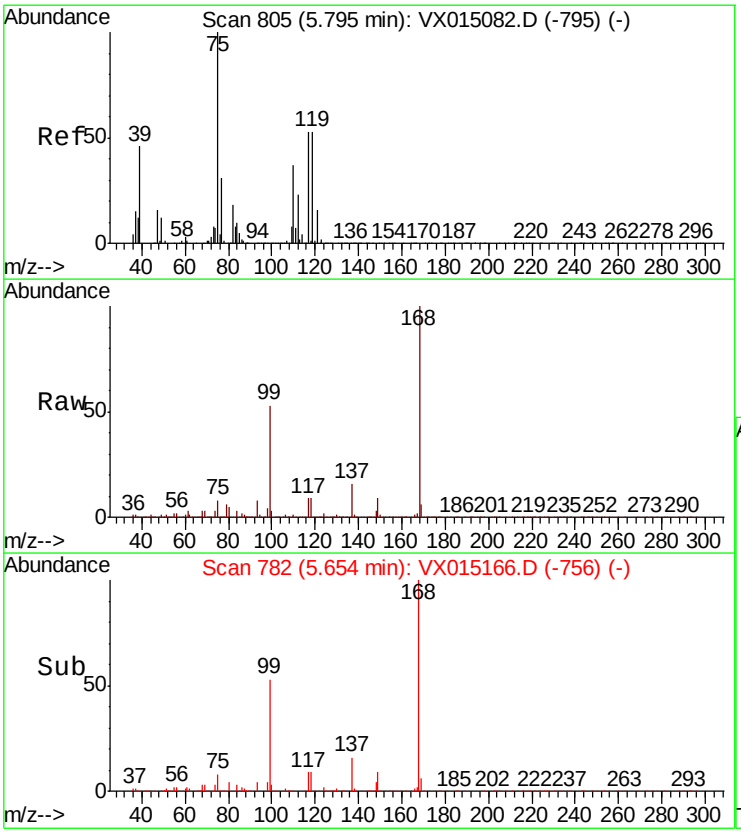
#35
Dibromofluoromethane
Concen: 49.865 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 168656

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	23.0	18.6	28.0

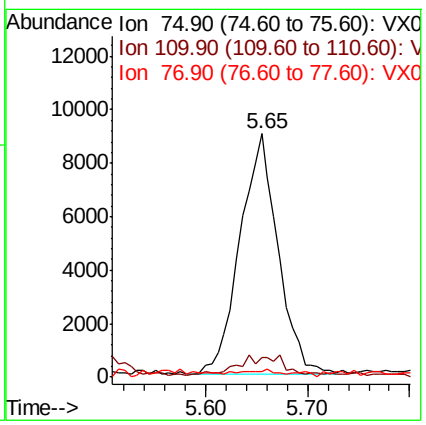


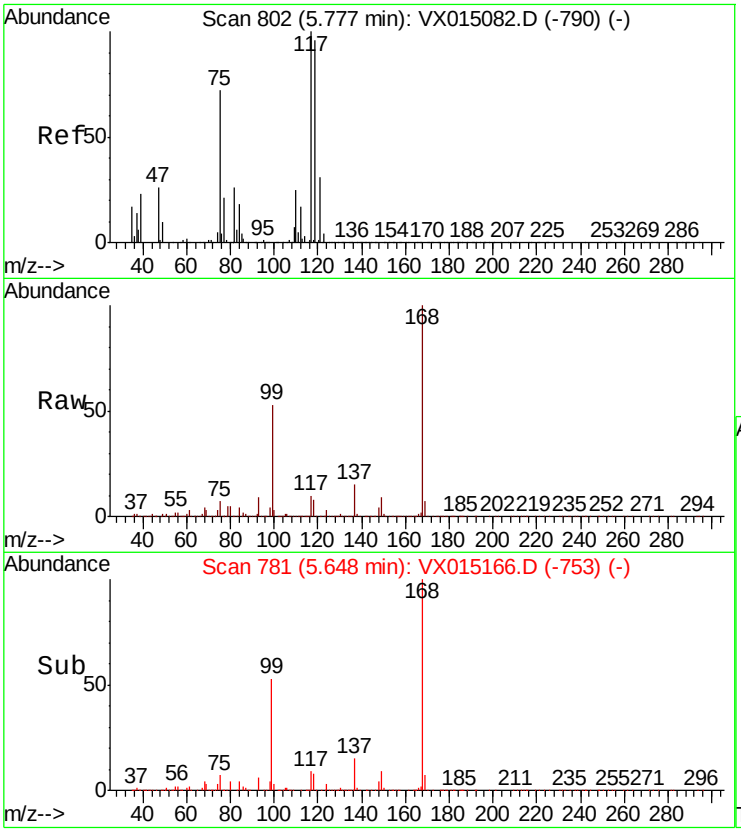


#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 75 Resp: 23321

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.8#
77	0.7	24.8	37.2#



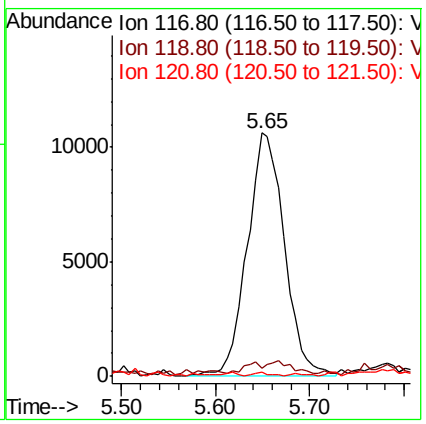


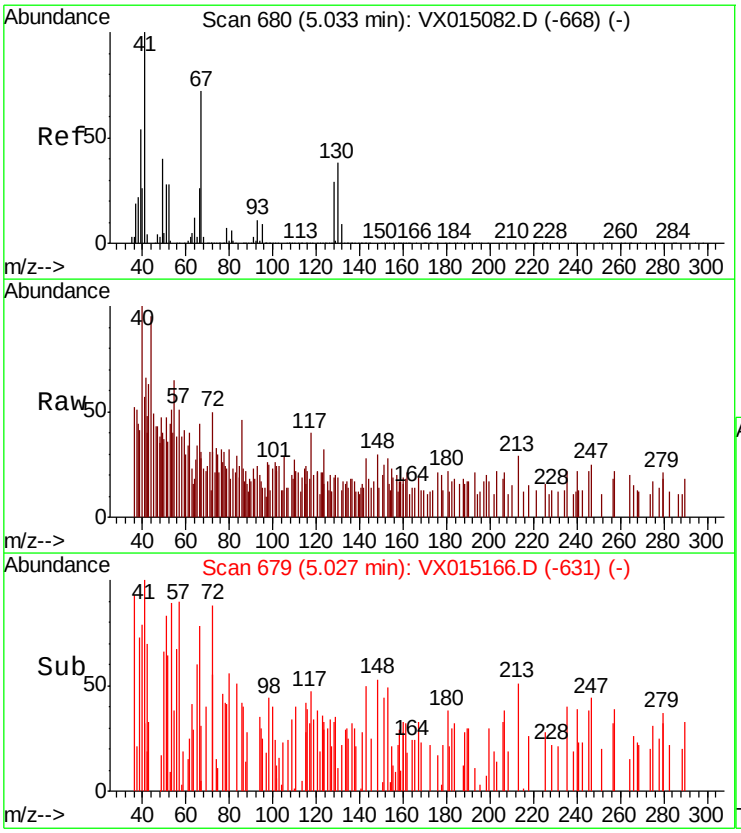
#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 29486

Ion	Ratio	Lower	Upper
117	100		
119	2.2	76.9	115.3#
121	1.6	24.6	37.0#

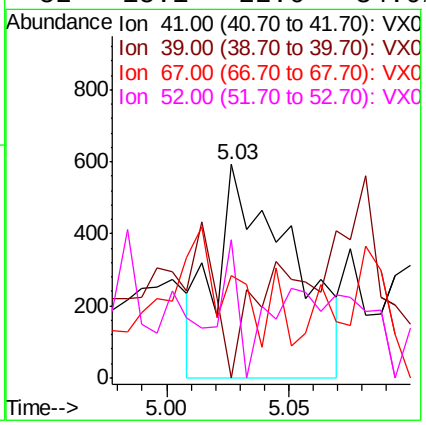


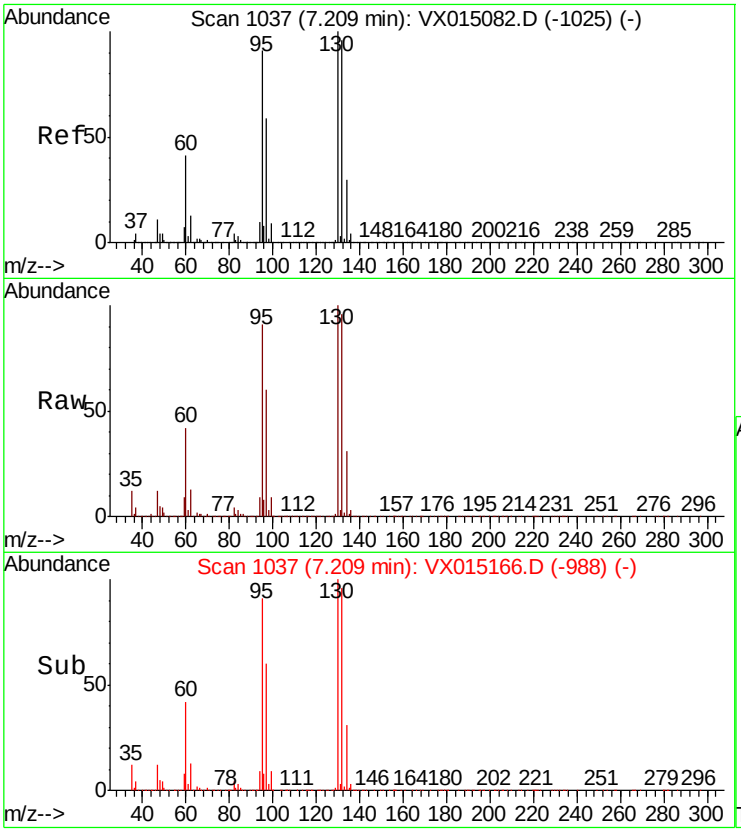


#41
Methacrylonitrile
Concen: 0.461 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 41 Resp: 1274

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.9	65.9#
67	0.0	57.8	86.8#
52	15.1	22.6	34.0#



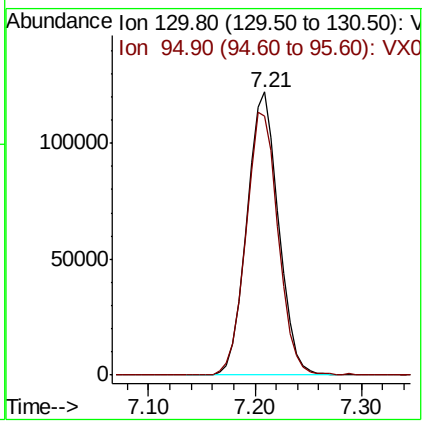


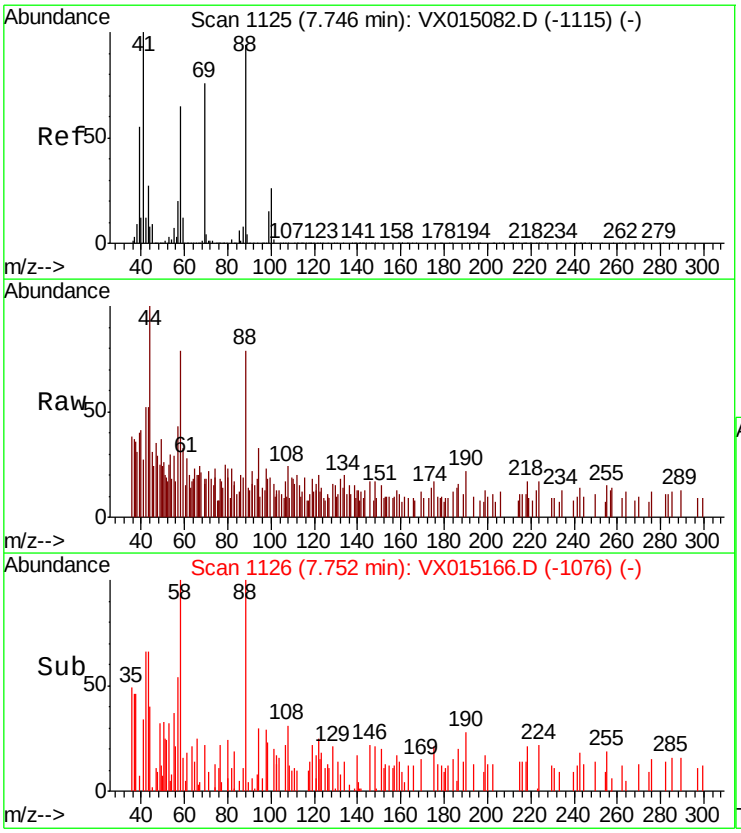
#44
Trichloroethene
Concen: 62.288 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 255075

Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	181.2

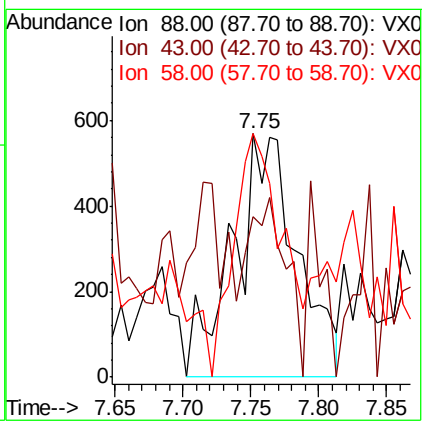


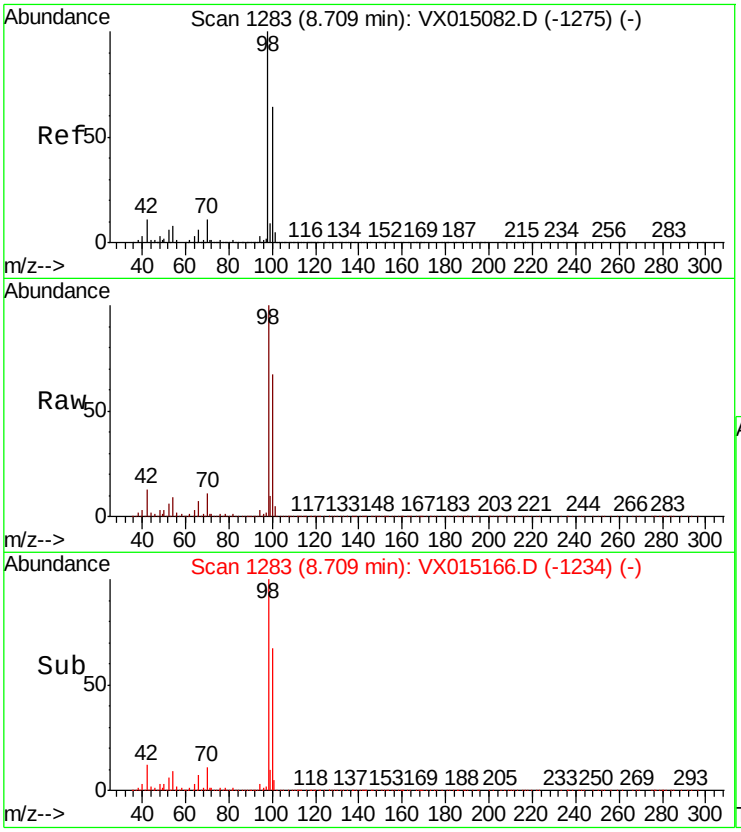


#49
1,4-Dioxane
Concen: 20.854 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 88 Resp: 1856

Ion	Ratio	Lower	Upper
88	100		
43	44.7	27.0	40.4#
58	75.9	55.6	83.4



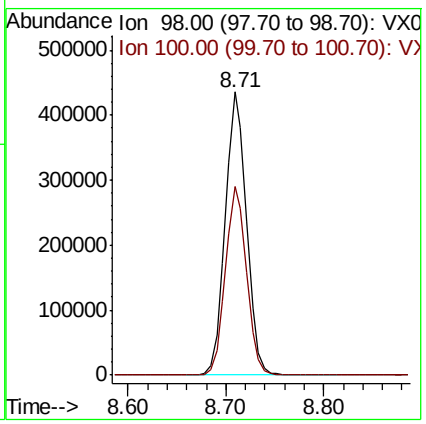


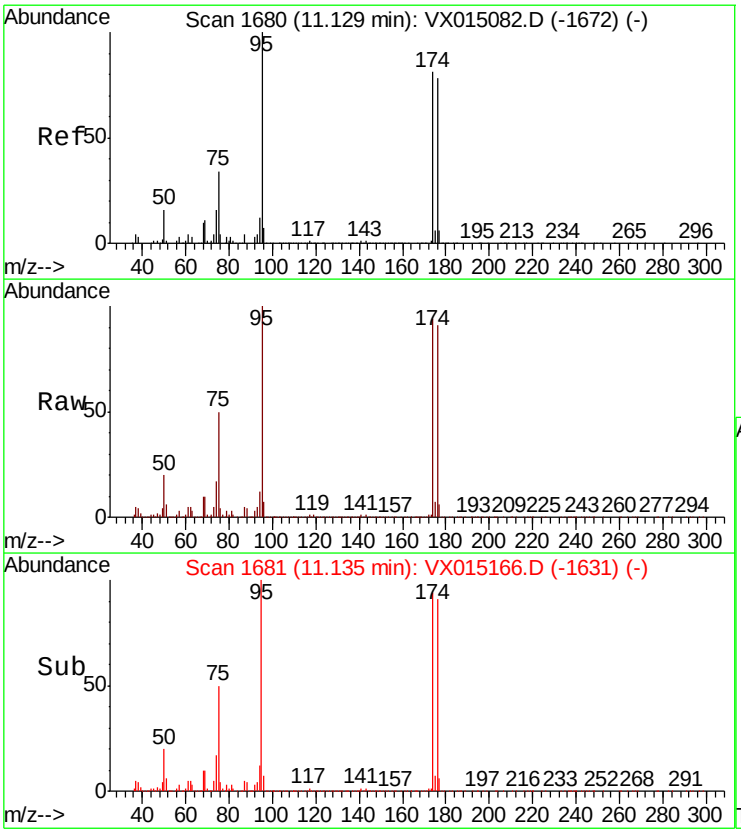
#50
Toluene-d8
Concen: 50.941 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 655381

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6

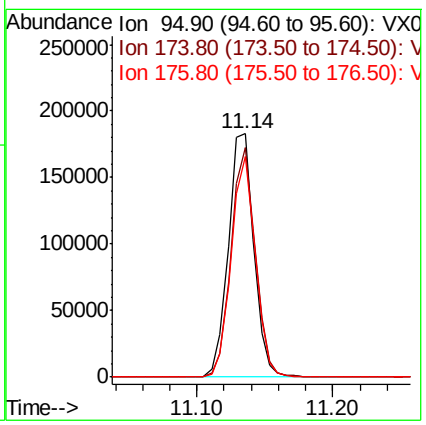


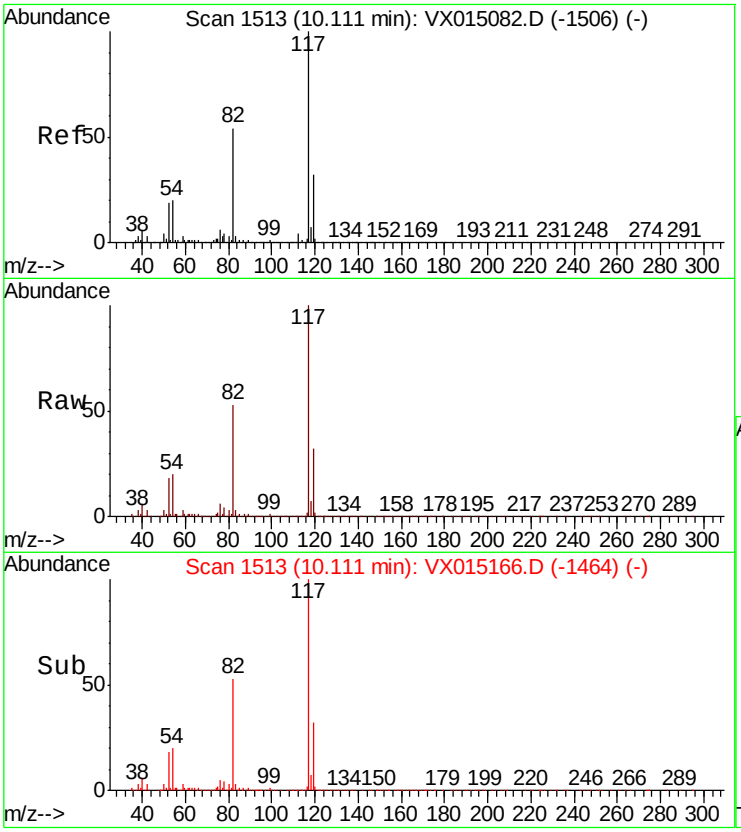


#62
4-Bromofluorobenzene
Concen: 51.962 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 95 Resp: 238453

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	177.6
176	86.1	0.0	170.2



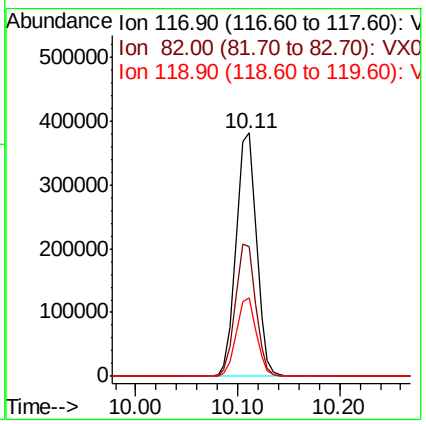


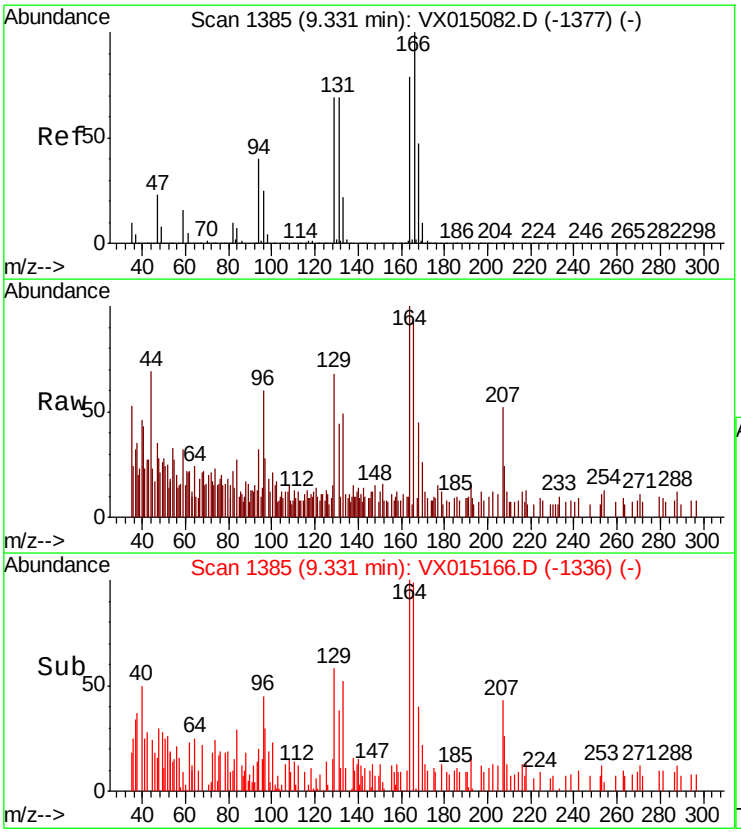
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 524177

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	32.1	25.8	38.8

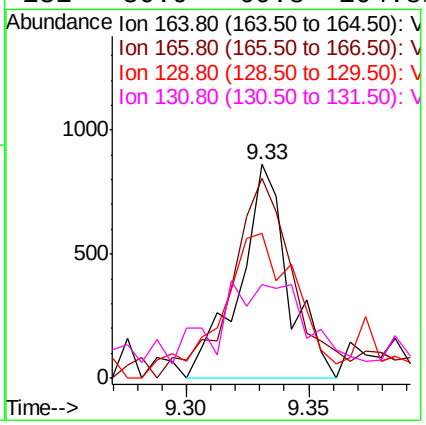


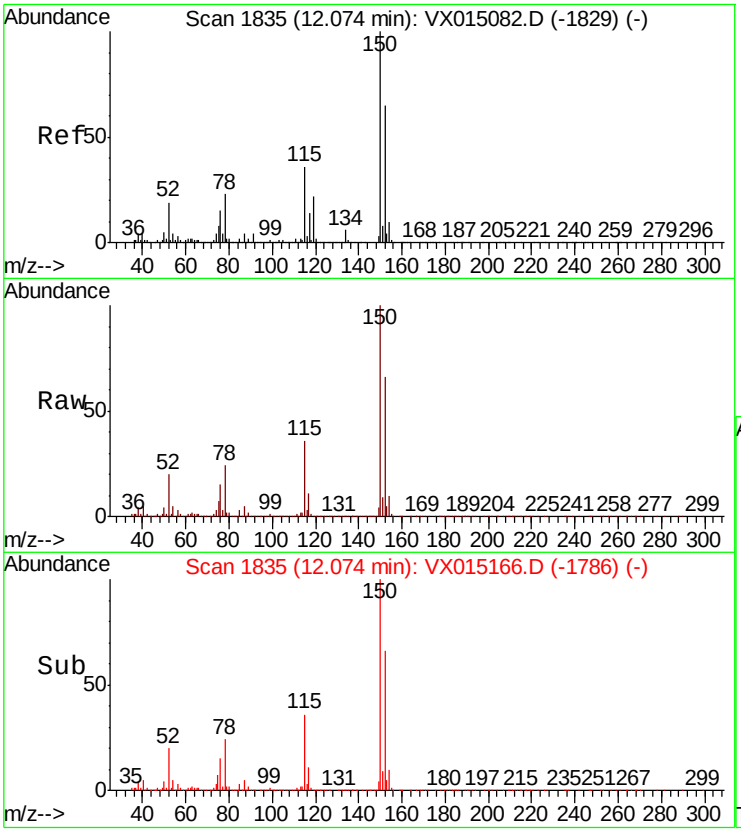


#64
Tetrachloroethene
Concen: 0.276 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion:164 Resp: 1197

Ion	Ratio	Lower	Upper
164	100		
166	84.8	101.1	151.7#
129	61.2	69.4	104.0#
131	30.9	69.8	104.8#



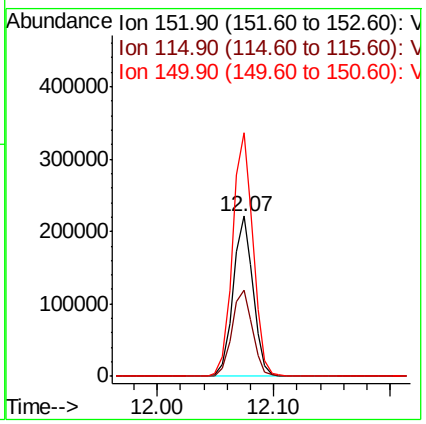


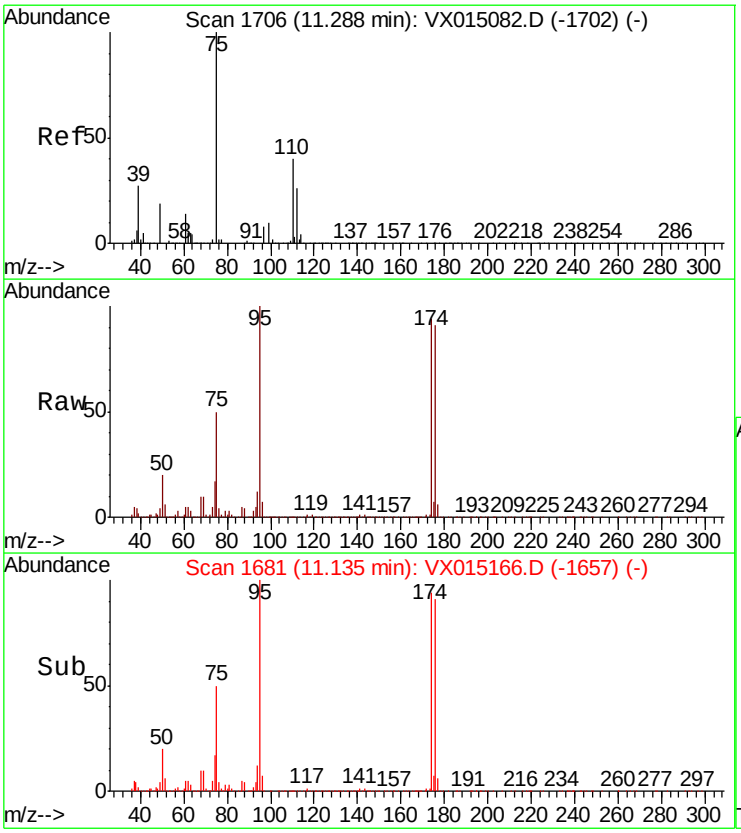
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 264018

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.2	114.6
150	155.3	0.0	343.8

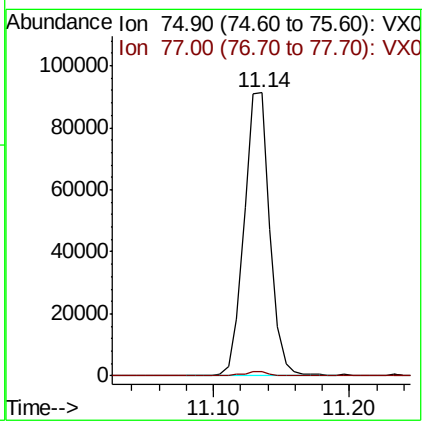


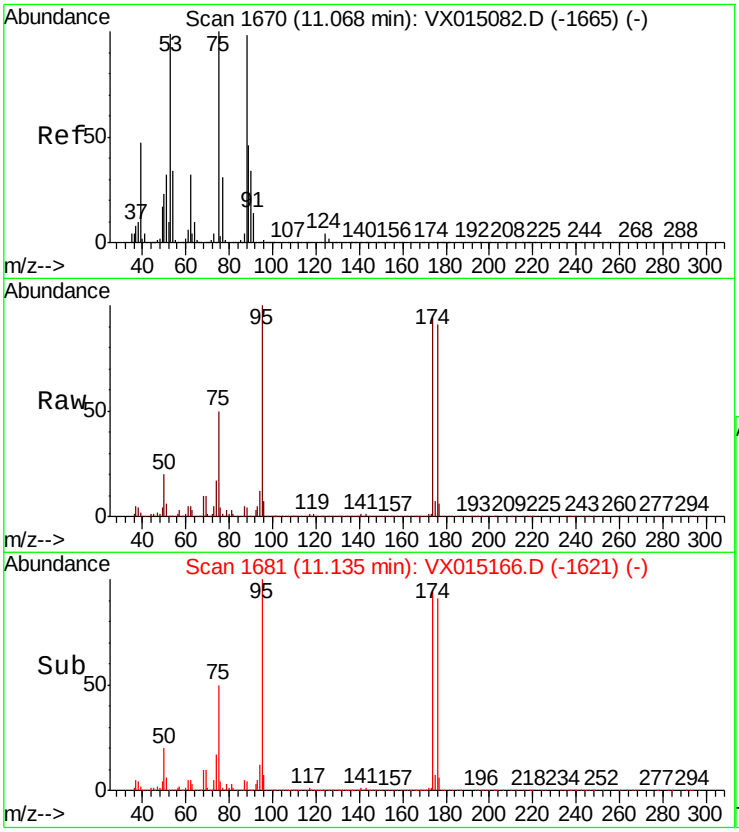


#76
1,2,3-Trichloropropane
Concen: 22.712 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.15 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 75 Resp: 119608

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.6	67.8#



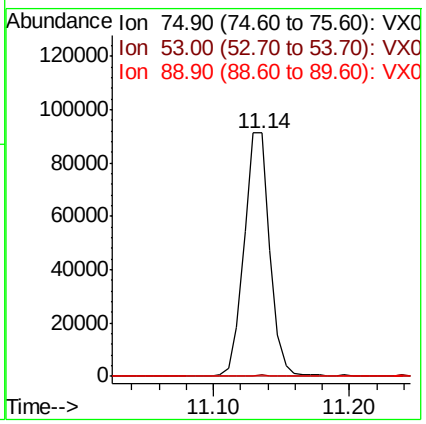


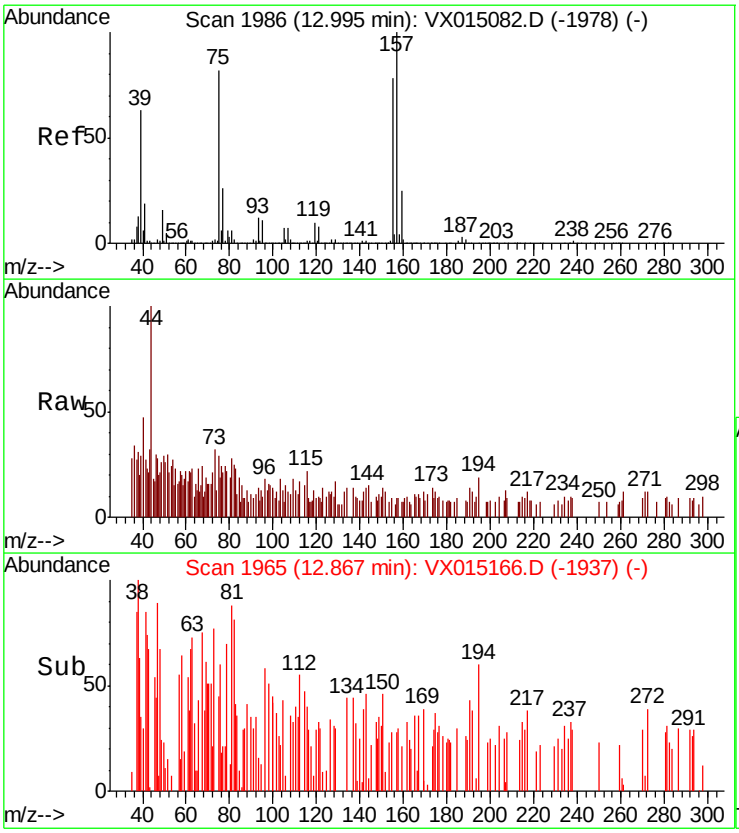
#81
trans-1,4-Dichloro-2-butene
Concen: 64.456 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 119608

Ion	Ratio	Lower	Upper
75	100		
53	0.7	77.9	116.9#
89	0.1	36.2	54.2#

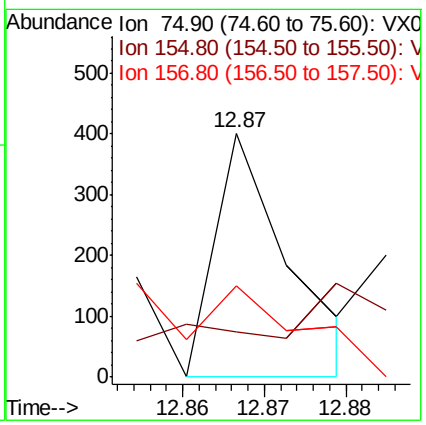


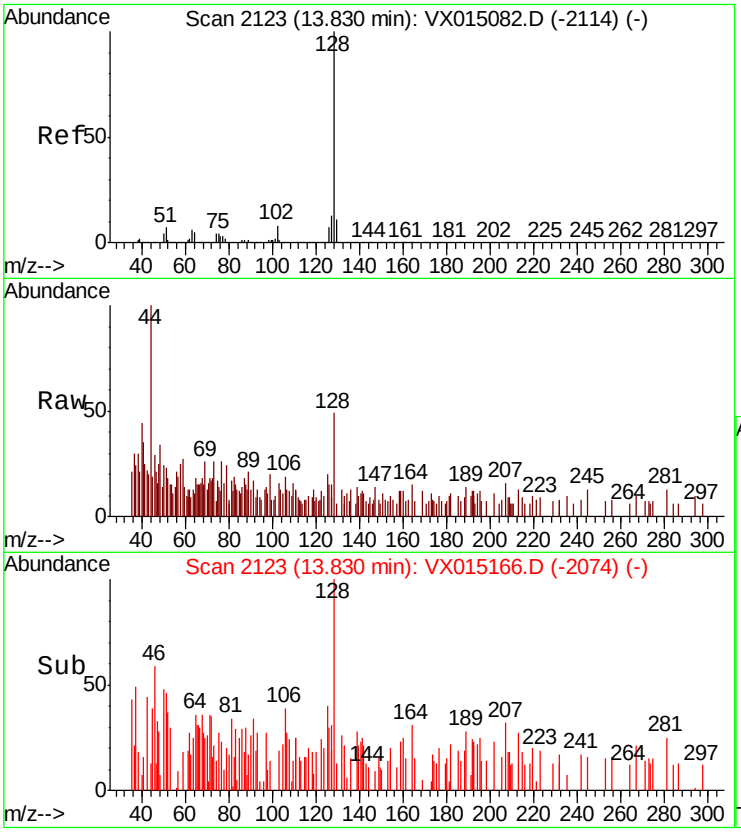


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.222 ug/l
RT: 12.87 min Scan# 1965
Delta R.T. -0.13 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Tgt Ion: 75 Resp: 250

Ion	Ratio	Lower	Upper
75	100		
155	62.0	46.6	139.7
157	86.0	59.2	177.5





#95
Naphthalene
Concen: 1.473 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015166.D
Acq: 10 Mar 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 962

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	15.8	8.6	13.0#