Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015022.D
Acq On : 26 Feb 2020 15:44
Operator : JC/SP
Sample : L1683-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 27 02:56:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	421050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	238283	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
35) Dibromofluoromethane	5.49	113	204846	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
50) Toluene-d8	8.71	98	794706	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.64%			
62) 4-Bromofluorobenzene	11.14	95	299325	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	30112	7.552	ug/l	90
3) Chloromethane	1.32	50	1315	0.291	ug/l #	83
4) Vinyl Chloride	1.41	62	32281	6.629	ug/l	100
5) Bromomethane	1.65	94	644	0.204	ug/l #	59
7) Trichlorofluoromethane	1.93	101	2307	0.339	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	37612	9.523	ug/l	98
10) Methyl Iodide	2.51	142	766	4.527	ug/l #	78
11) Tert butyl alcohol	3.02	59	373	0.445	ug/l #	28
12) 1,1-Dichloroethene	2.37	96	73485	19.041	ug/l	96
13) Acrolein	2.28	56	224	0.350	ug/l #	15
15) Acrylonitrile	3.14	53	427	0.201	ug/l #	10
16) Acetone	2.44	43	3316	Below Cal		92
20) Methylene Chloride	2.87	84	1050	0.230	ug/l #	14
21) trans-1,2-Dichloroethene	3.16	96	86374	20.283	ug/l	97
24) 1,1-Dichloroethane	3.69	63	2242	0.304	ug/l #	92
27) cis-1,2-Dichloroethene	4.59	96	4013449	843.114	ug/l	88
29) Tetrahydrofuran	5.11	42	727	0.395	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	28335	4.753	ug/l #	50
38) Carbon Tetrachloride	5.65	117	37927	6.529	ug/l #	17
39) Methylcyclohexane	7.22	83	223422	29.969	ug/l #	1
44) Trichloroethene	7.22	130	18040179	3489.123	ug/l	95
49) 1,4-Dioxane	7.74	88	726	7.693	ug/l #	38
59) 2-Hexanone	9.45	43	989	0.203	ug/l	70
64) Tetrachloroethene	9.33	164	6788	1.147	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	147218	24.089	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	147218	61.660	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.76	75	345	0.212	ug/l	60

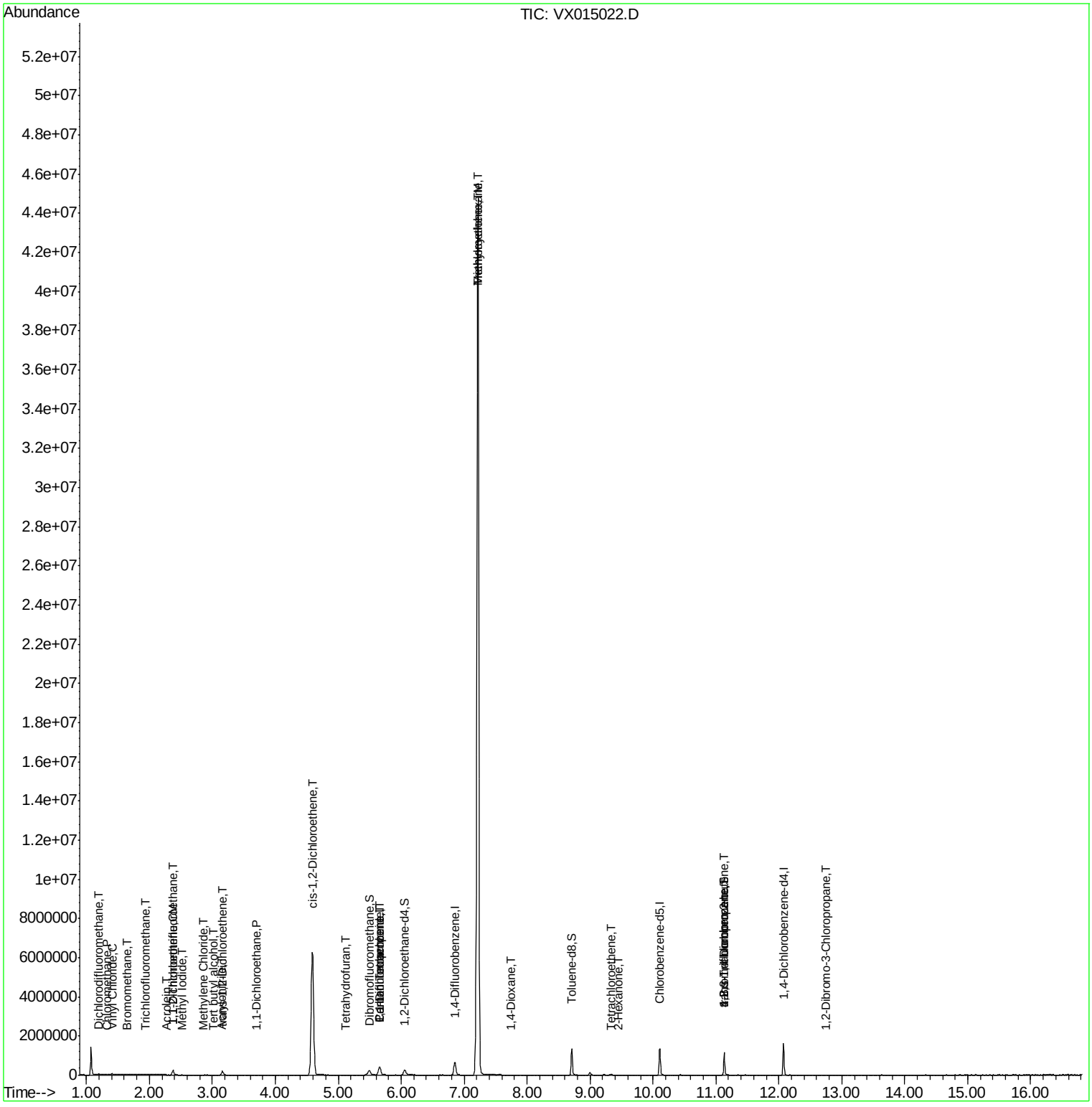
(#) = qualifier out of range (m) = manual integration (+) = signals summed

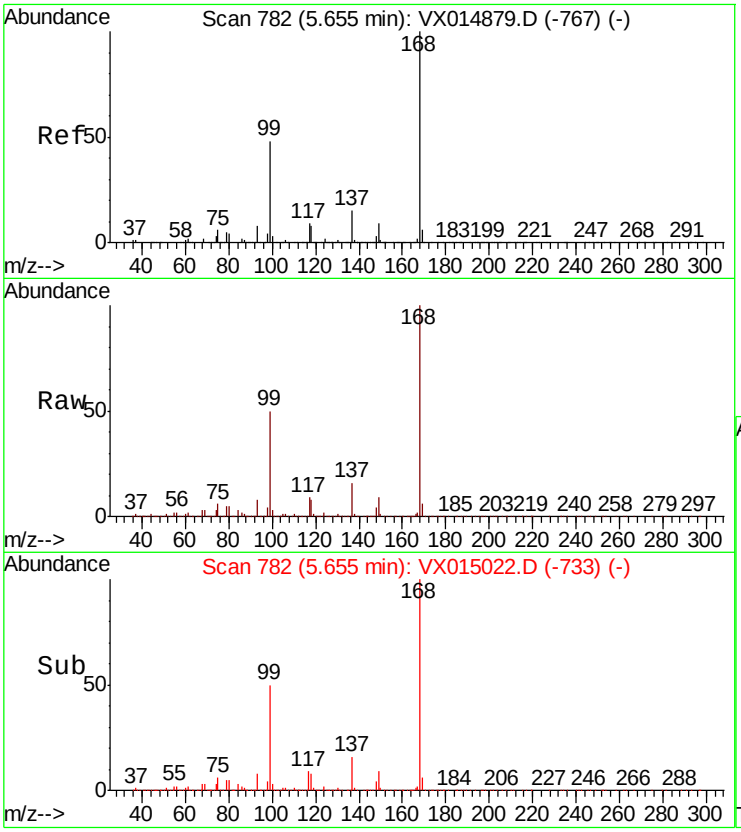
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
Data File : VX015022.D
Acq On : 26 Feb 2020 15:44
Operator : JC/SP
Sample : L1683-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 27 02:56:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration



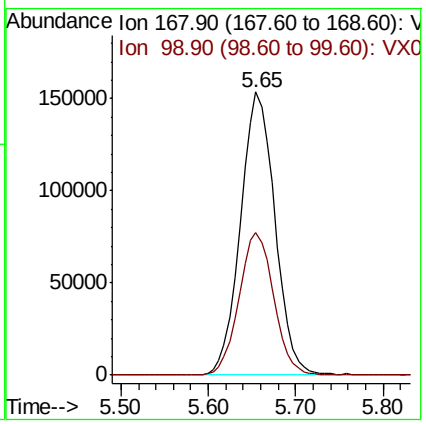


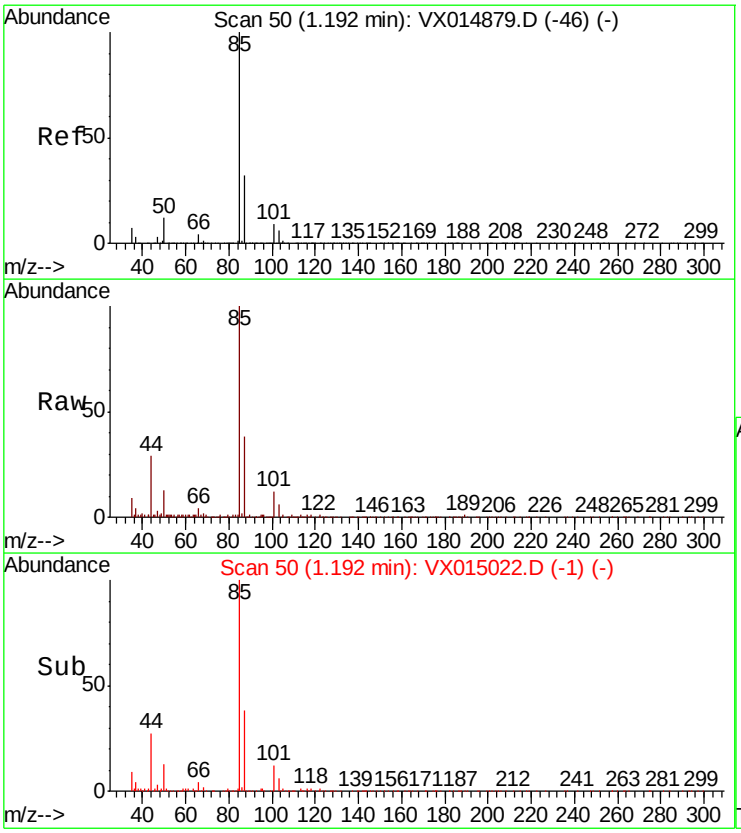
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 421050

Ion	Ratio	Lower	Upper
168	100		
99	50.3	38.7	58.1

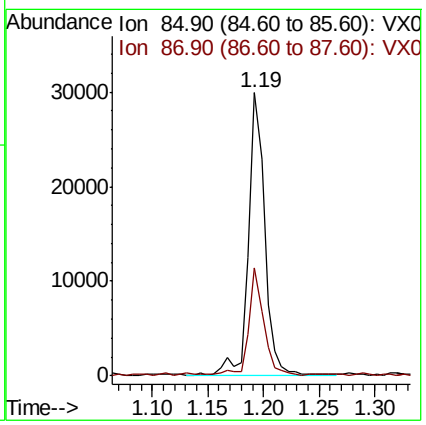


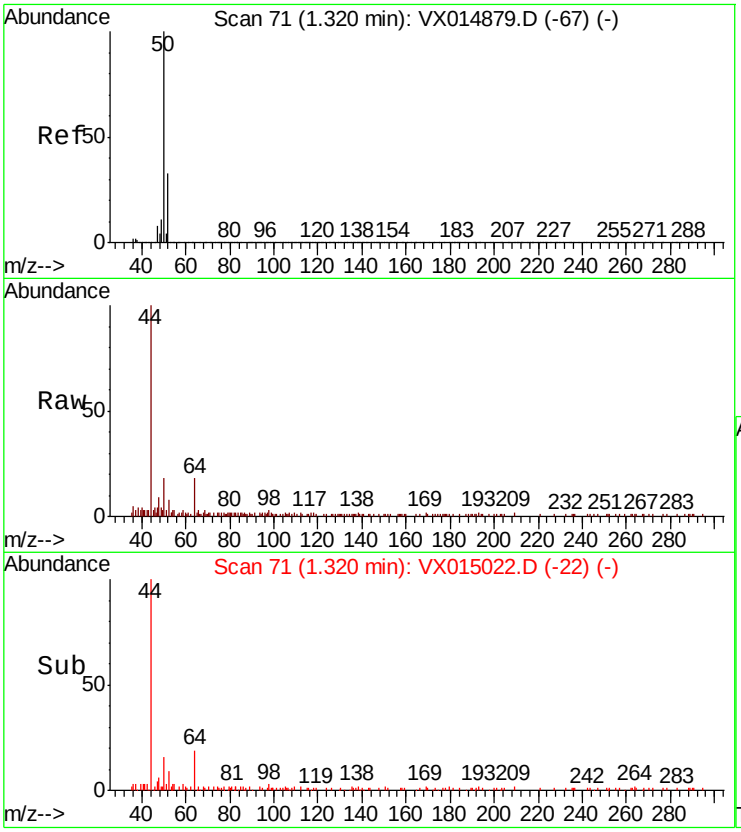


#2
Dichlorodifluoromethane
Concen: 7.552 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 85 Resp: 30112

Ion	Ratio	Lower	Upper
85	100		
87	37.8	16.1	48.2



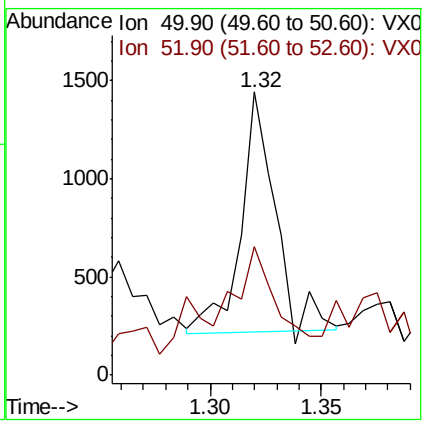


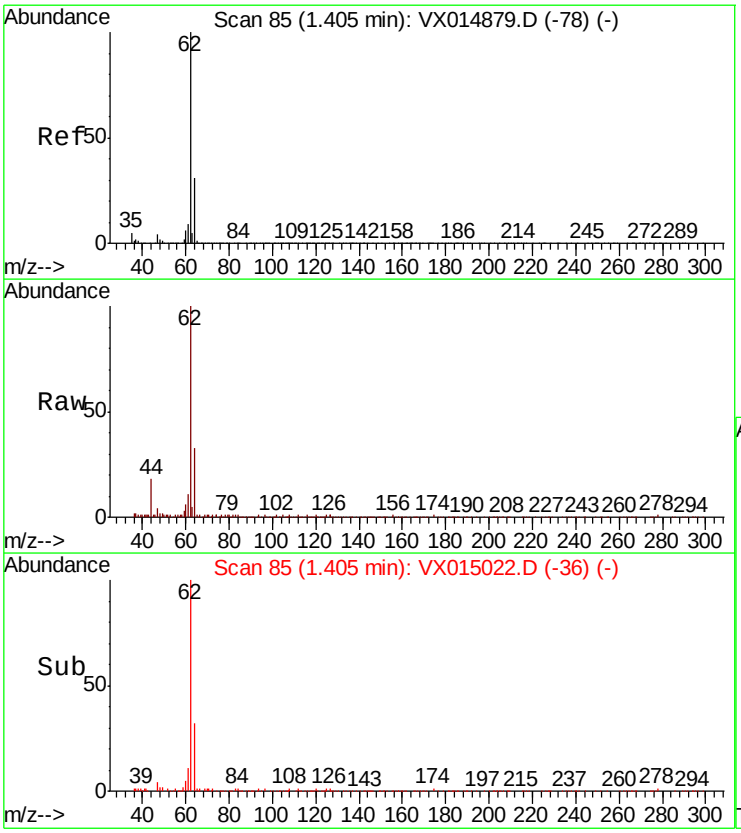
#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1315

Ion	Ratio	Lower	Upper
50	100		
52	23.0	26.2	39.2#

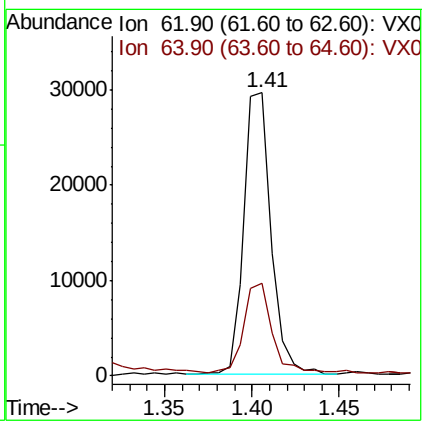


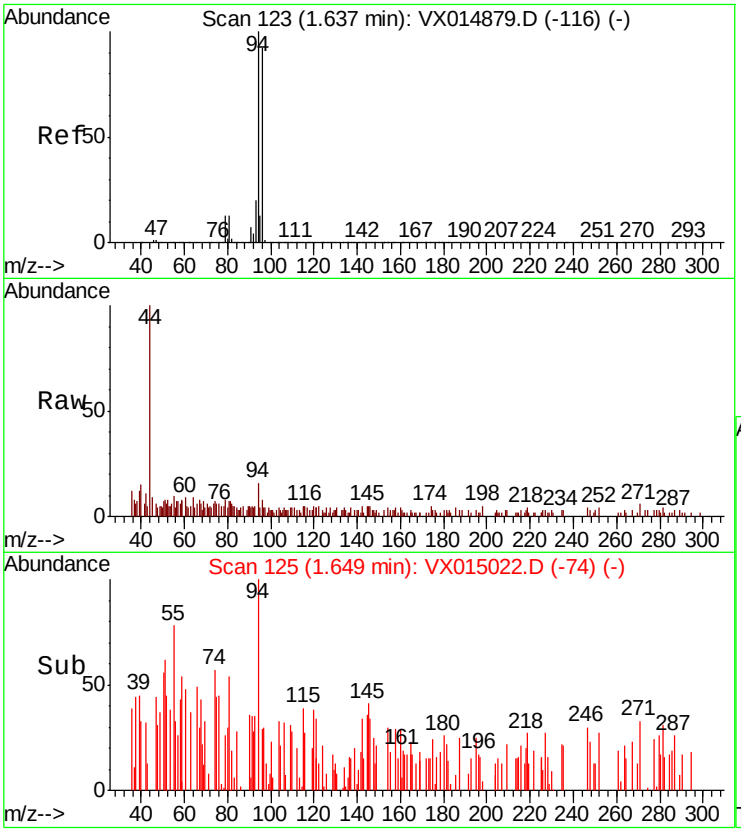


#4
Vinyl Chloride
Concen: 6.629 ug/l
RT: 1.41 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 62 Resp: 32281

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.8	37.2



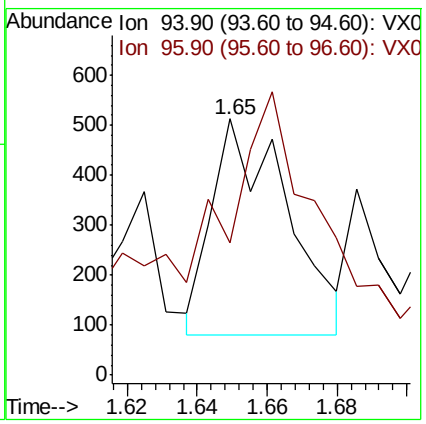


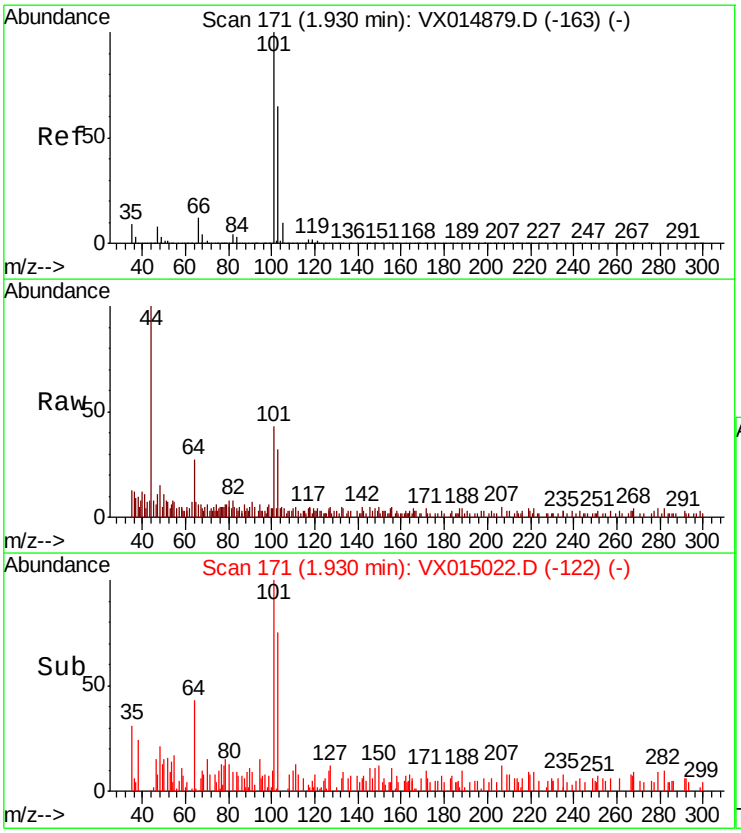
#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 644

Ion	Ratio	Lower	Upper
94	100		
96	52.8	73.7	110.5#

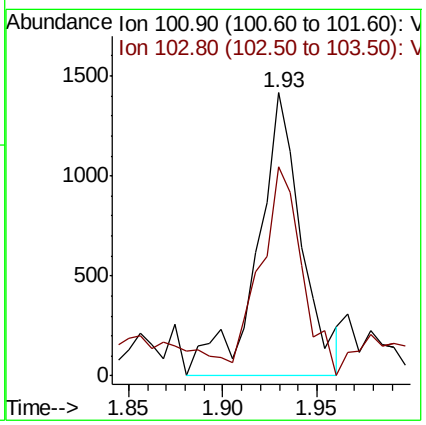


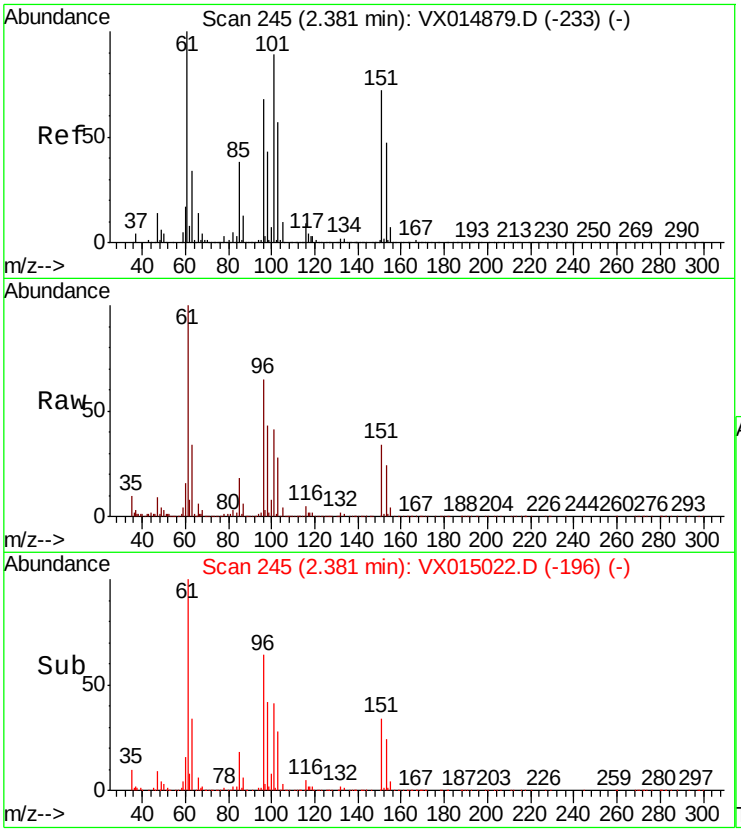


#7
Trichlorofluoromethane
Concen: 0.339 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion:101 Resp: 2307

Ion	Ratio	Lower	Upper
101	100		
103	74.1	52.2	78.4



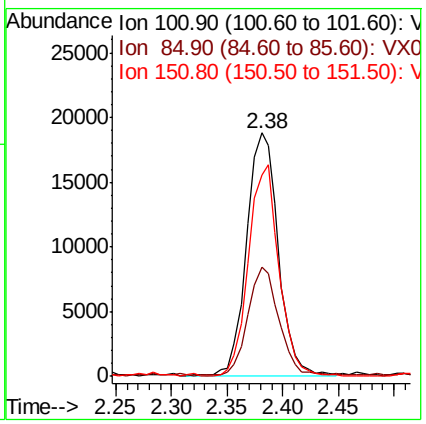


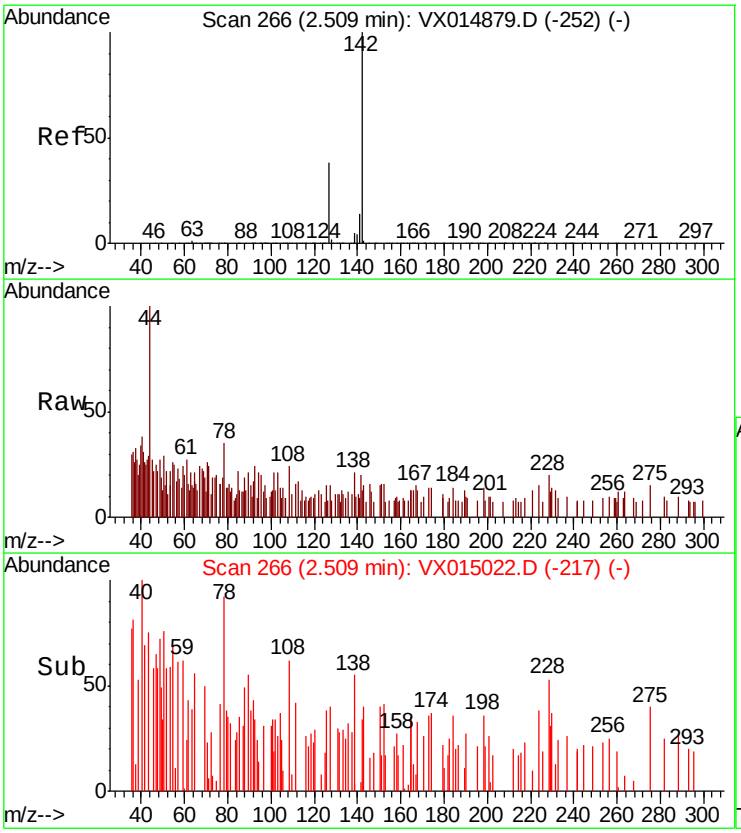
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.523 ug/l
RT: 2.38 min Scan# 245
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 37612

Ion	Ratio	Lower	Upper
101	100		
85	45.1	34.1	51.1
151	83.4	67.3	100.9

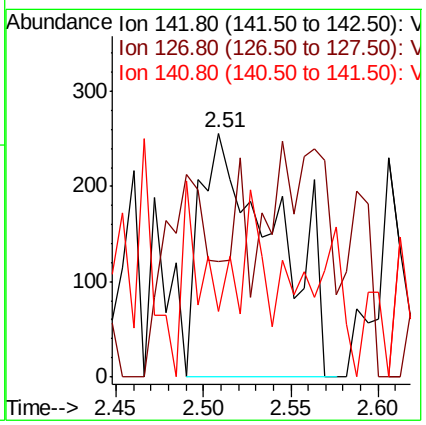


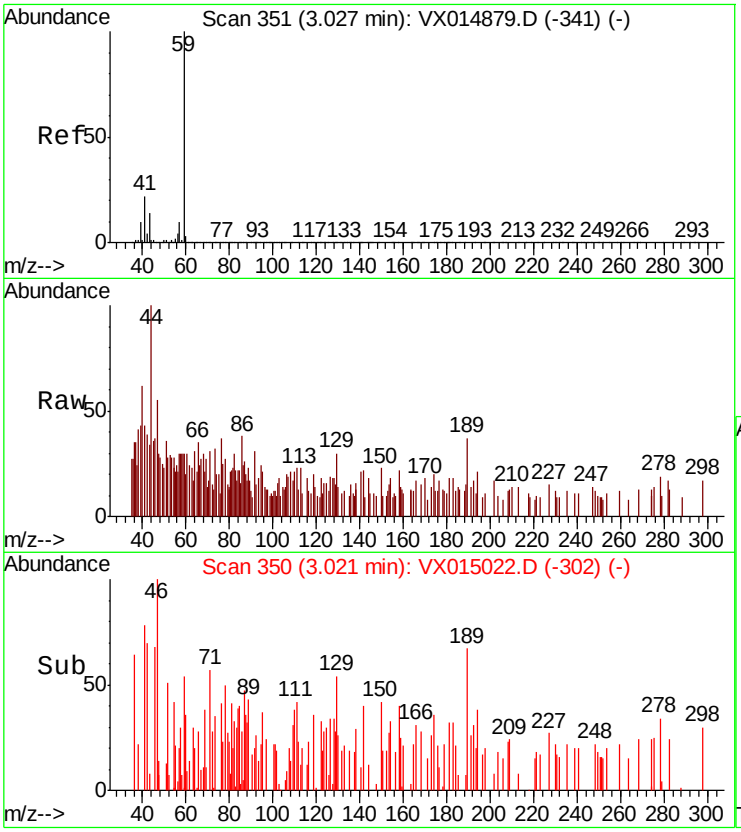


#10
Methyl Iodide
Concen: 4.527 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion:142 Resp: 766

Ion	Ratio	Lower	Upper
142	100		
127	20.8	31.1	46.7#
141	14.5	11.3	16.9



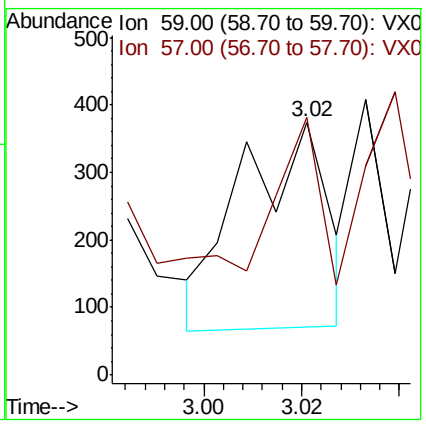


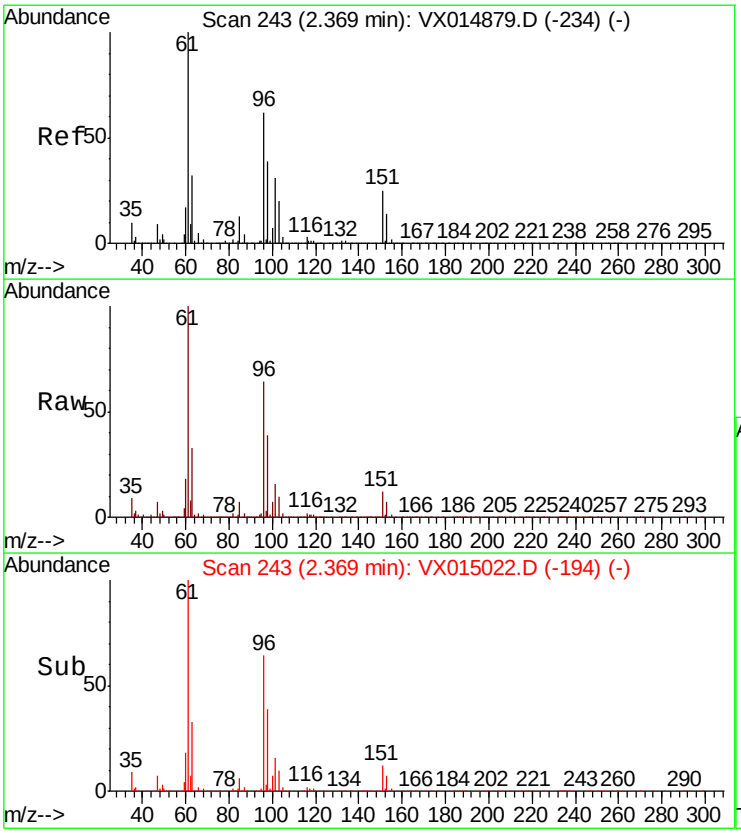
#11
Tert butyl alcohol
Concen: 0.445 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 373

Ion	Ratio	Lower	Upper
59	100		
57	37.3	8.2	12.4#

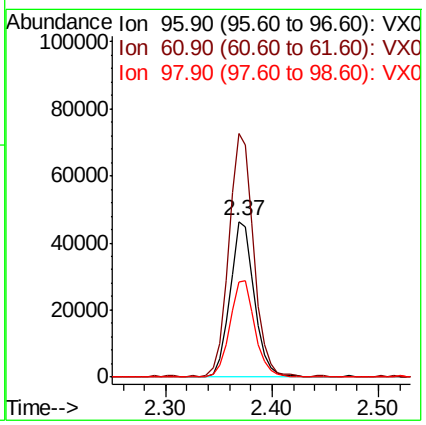


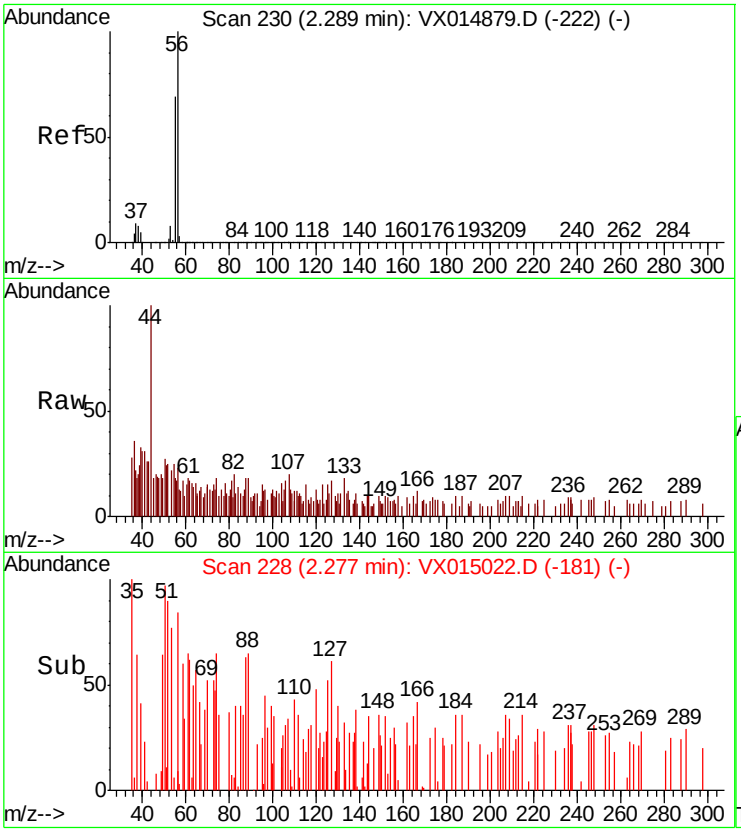


#12
1,1-Dichloroethene
Concen: 19.041 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 96 Resp: 73485

Ion	Ratio	Lower	Upper
96	100		
61	156.7	129.5	194.3
98	61.2	50.6	76.0



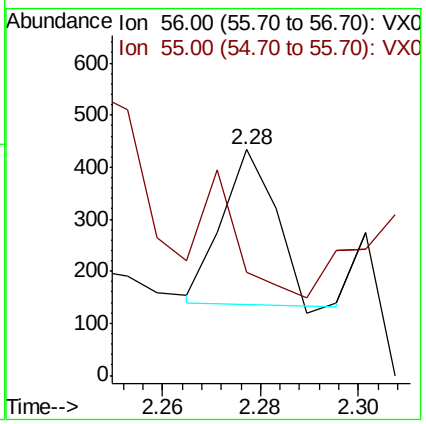


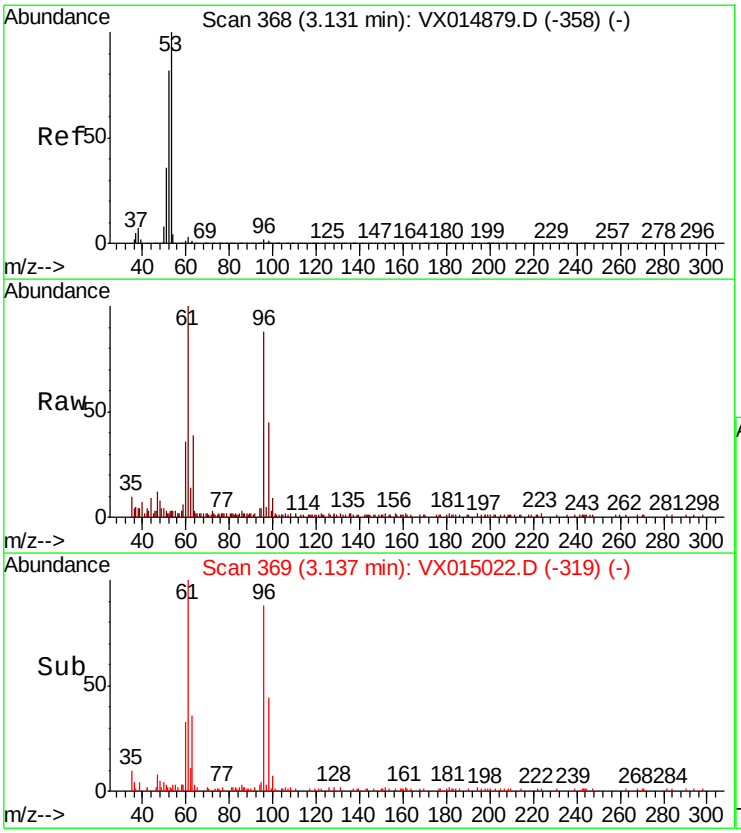
#13
Acrolein
Concen: 0.350 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.0	82.4#

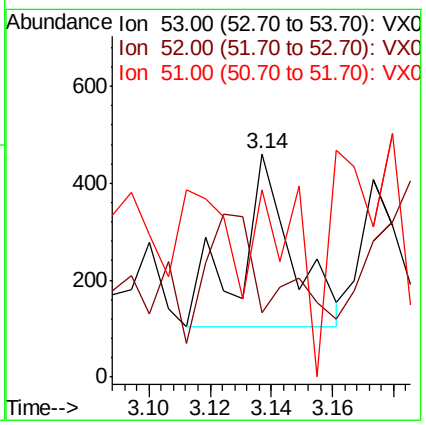


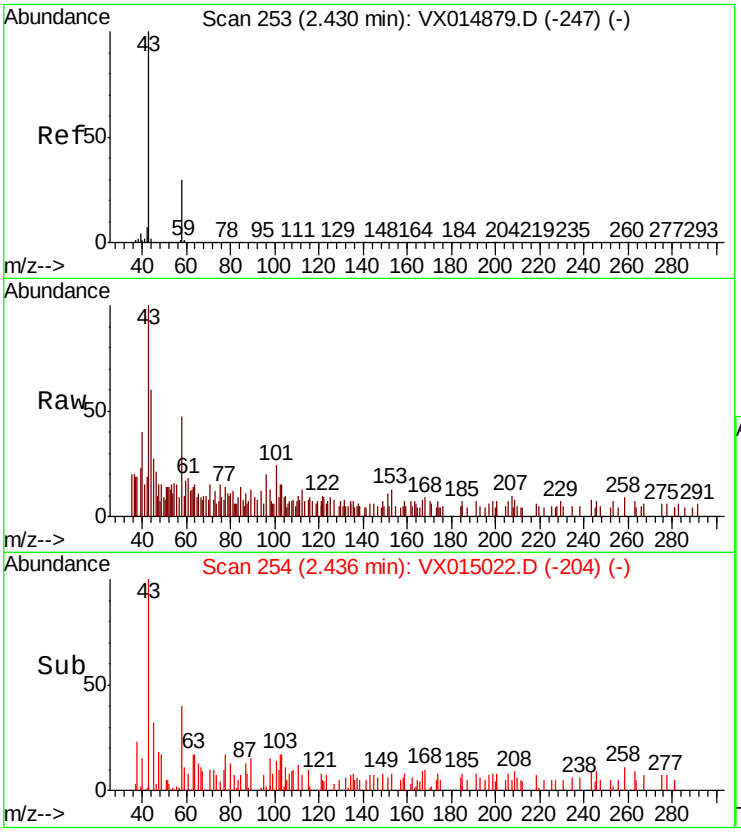


#15
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 53 Resp: 427

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.8	98.6#
51	87.4	29.1	43.7#



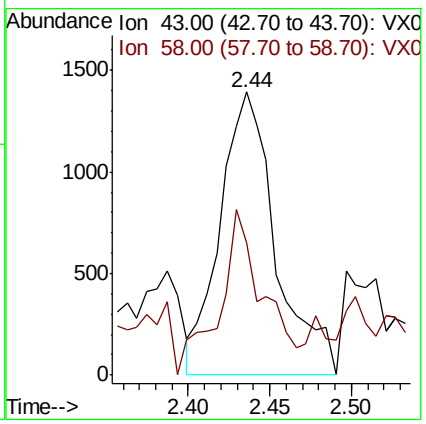


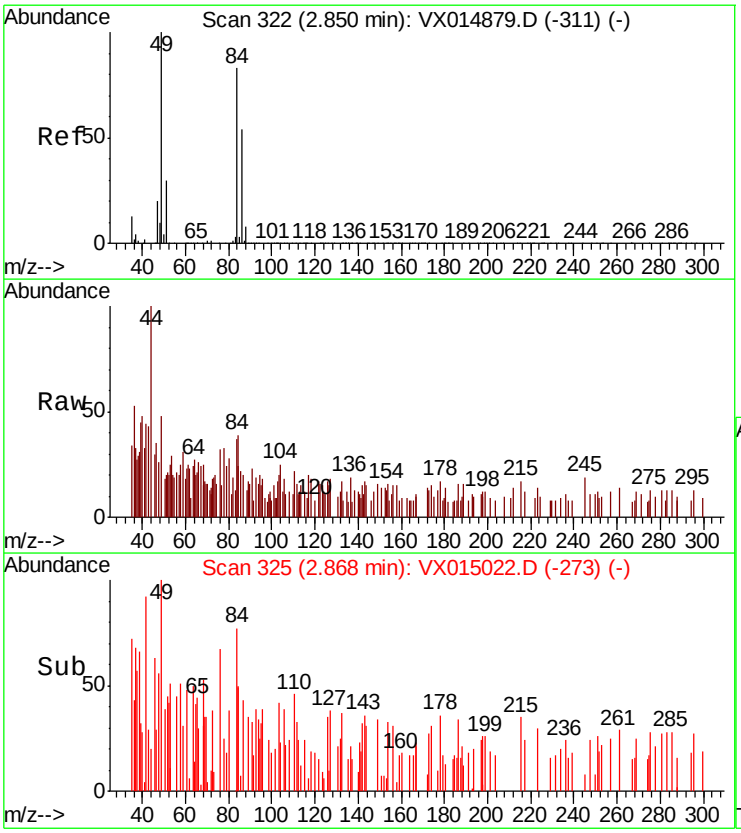
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3316

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.1	36.1

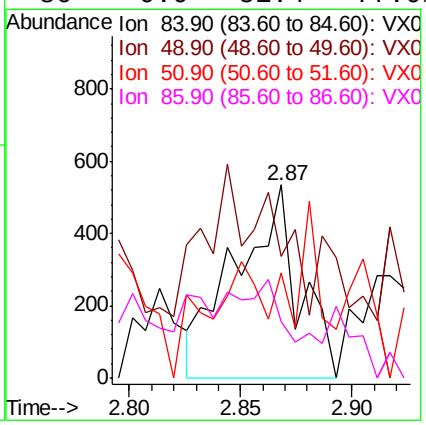


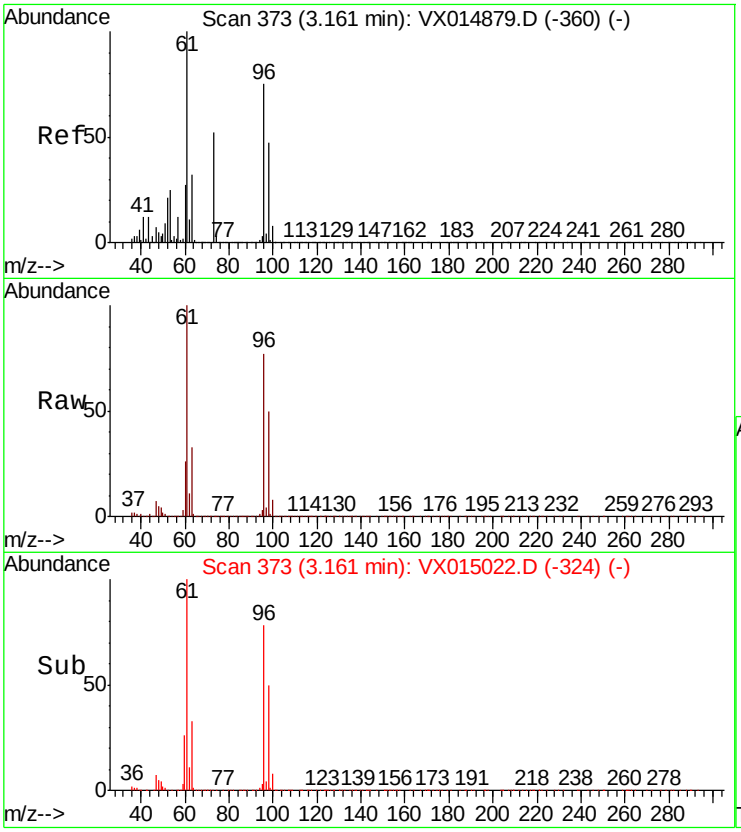


#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.87 min Scan# 325
Delta R.T. 0.02 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 84 Resp: 1050

Ion	Ratio	Lower	Upper
84	100		
49	0.3	95.6	143.4#
51	22.5	29.0	43.6#
86	0.0	51.4	77.0#



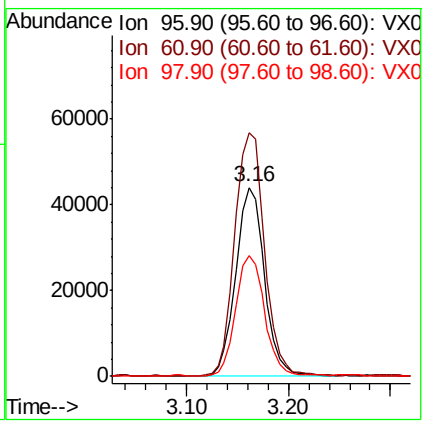


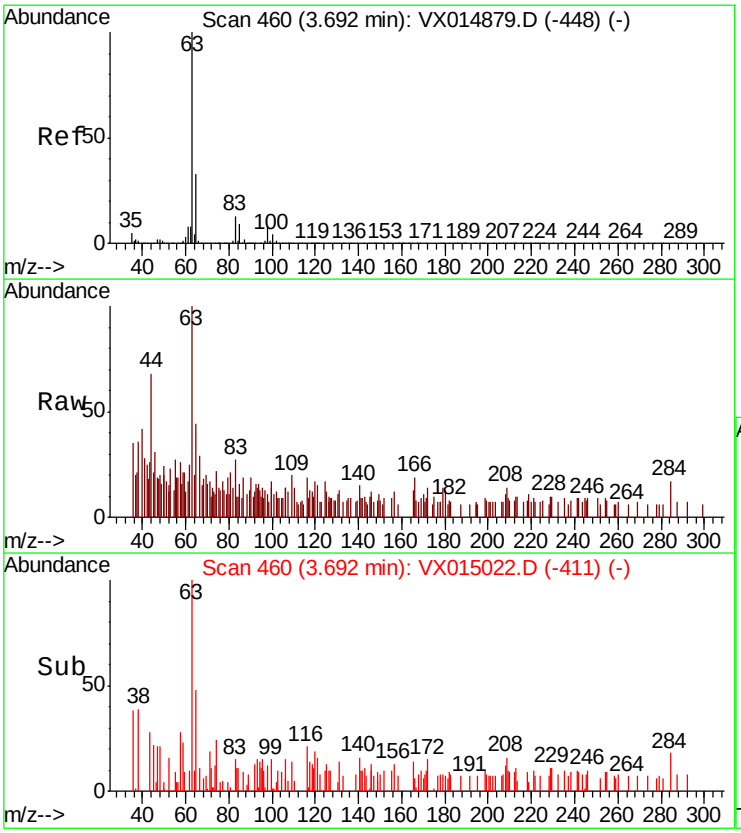
#21
trans-1,2-Dichloroethene
Concen: 20.283 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 86374

Ion	Ratio	Lower	Upper
96	100		
61	128.6	106.9	160.3
98	64.0	50.7	76.1

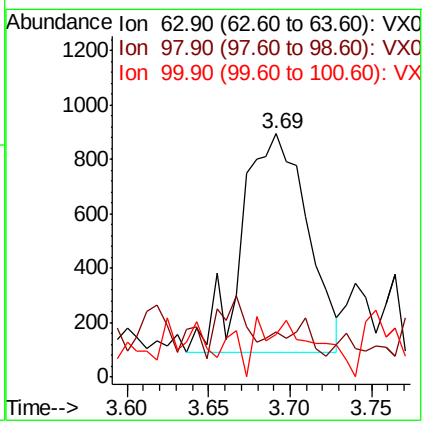


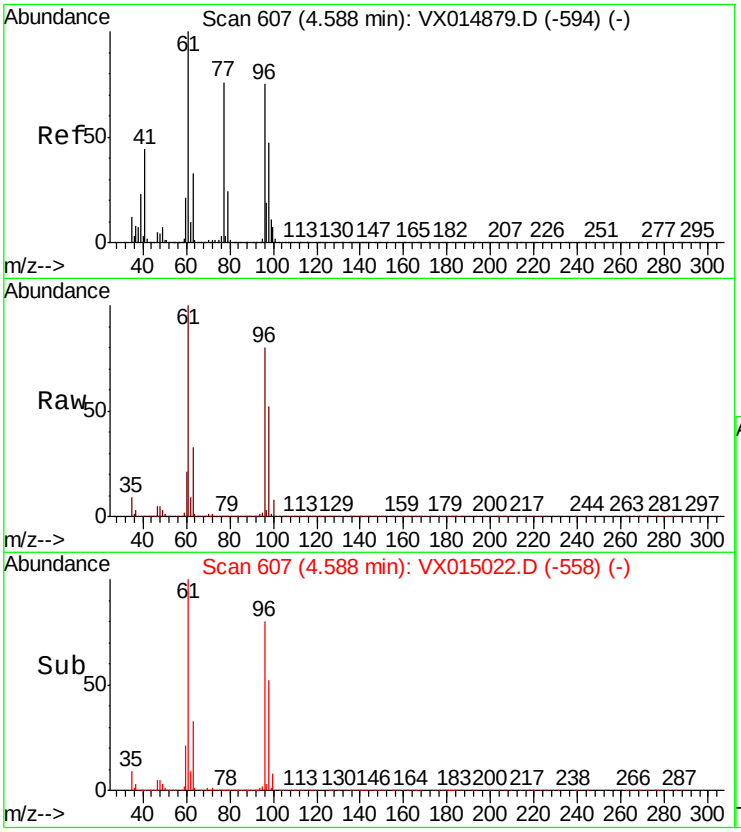


#24
1,1-Dichloroethane
Concen: 0.304 ug/l
RT: 3.69 min Scan# 460
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 63 Resp: 2242

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.9	11.5
100	0.0	2.2	6.6#



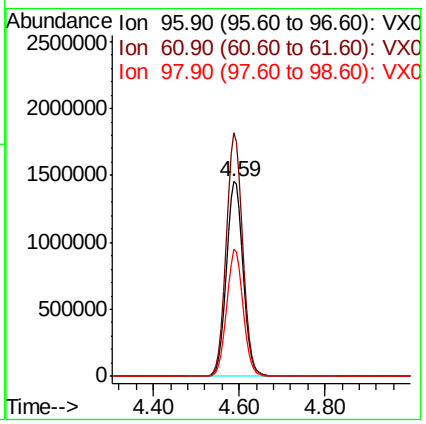


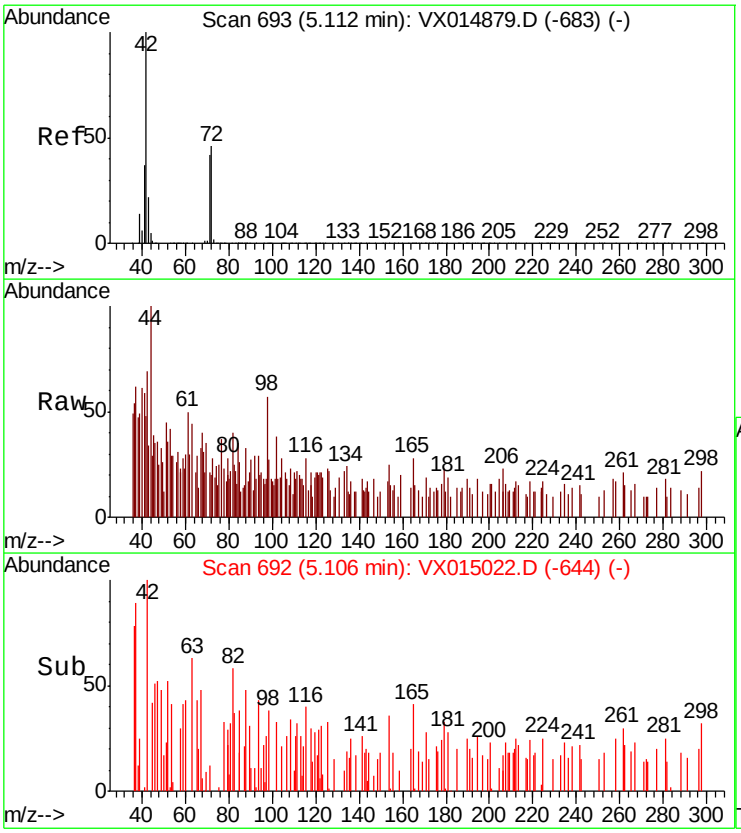
#27
cis-1,2-Dichloroethene
Concen: 843.114 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 4013449

Ion	Ratio	Lower	Upper
96	100		
61	123.0	0.0	286.2
98	64.3	0.0	131.0

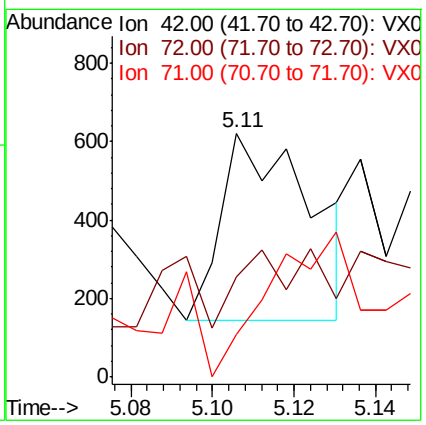


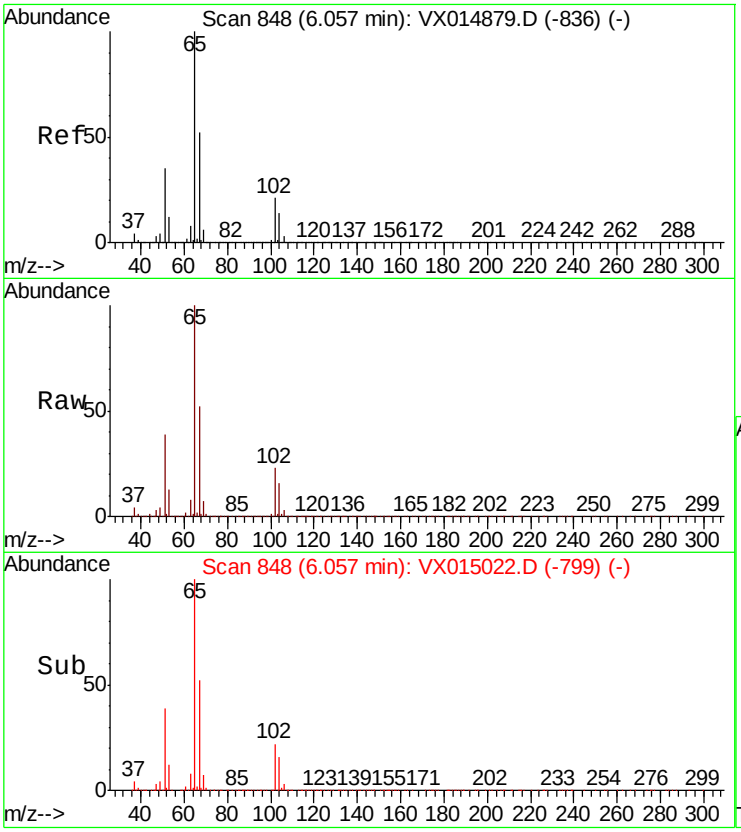


#29
Tetrahydrofuran
Concen: 0.395 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 42 Resp: 727

Ion	Ratio	Lower	Upper
42	100		
72	21.3	36.9	55.3#
71	0.0	34.1	51.1#



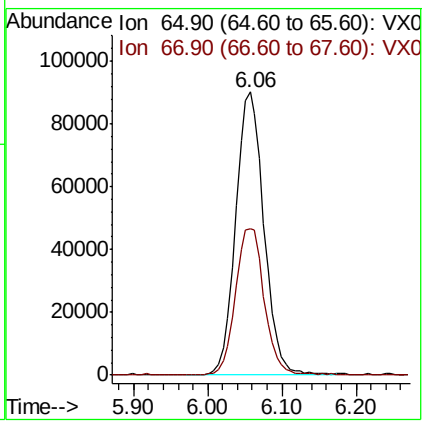


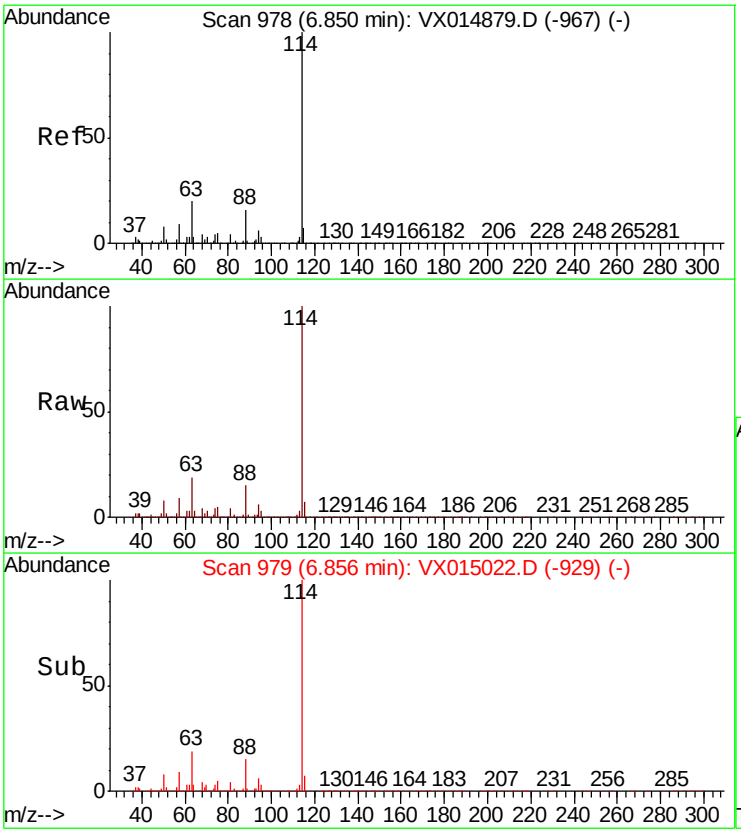
#33
1,2-Dichloroethane-d4
Concen: 50.145 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 238283

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.0

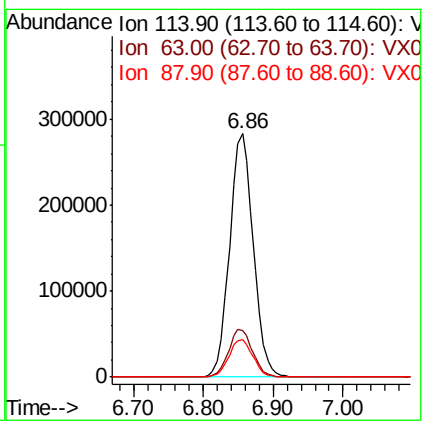


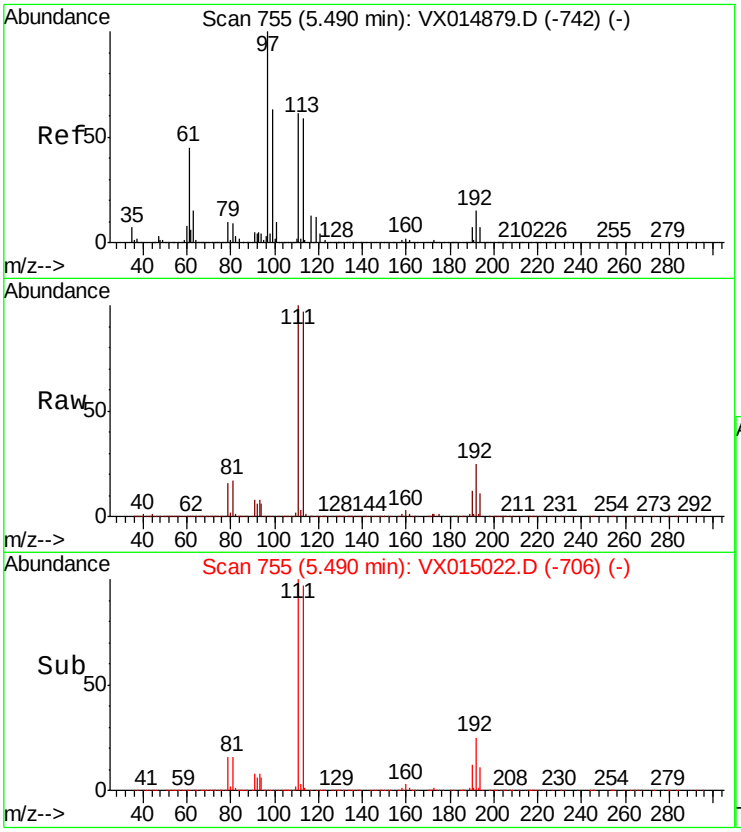


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion:114 Resp: 666392

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.2
88	15.3	0.0	32.0



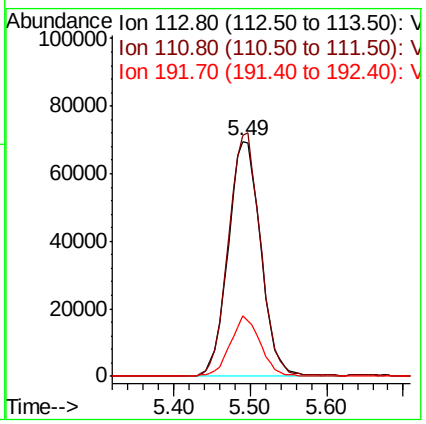


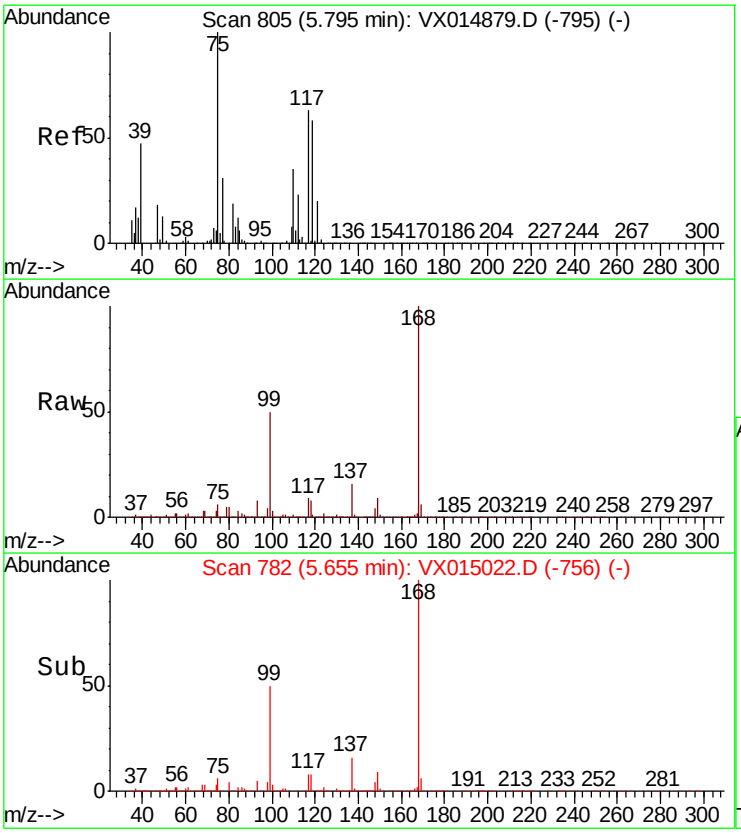
#35
Dibromofluoromethane
Concen: 50.001 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 204846

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	23.8	19.1	28.7

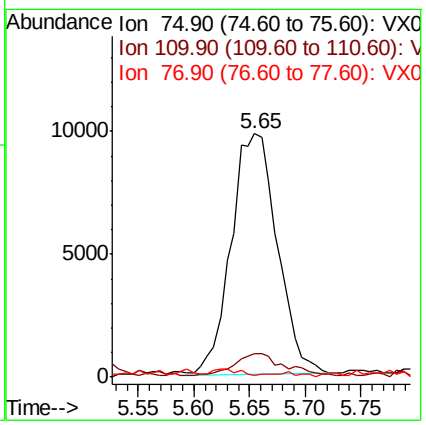


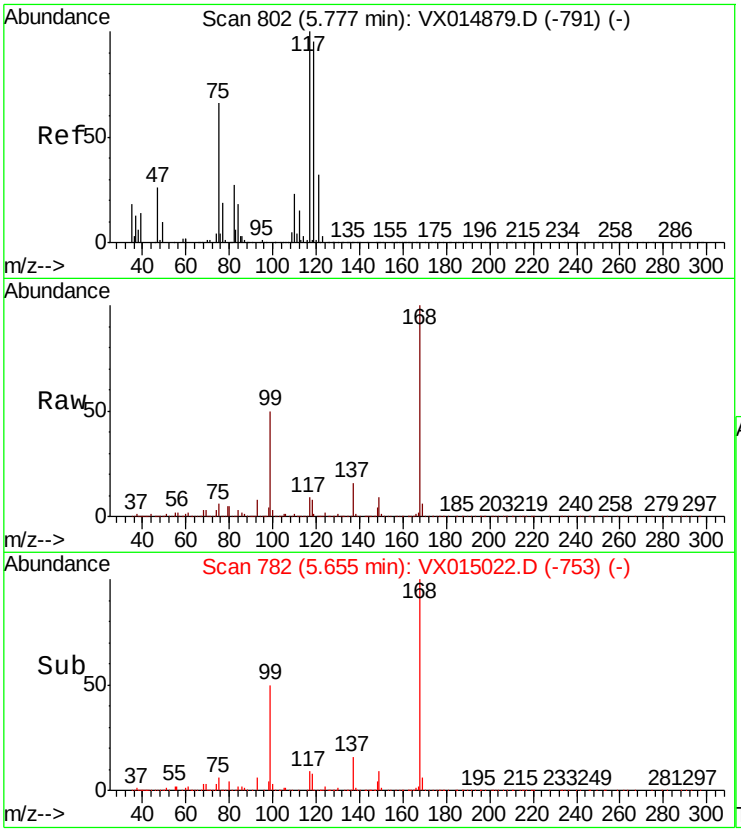


#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 75 Resp: 28335

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.8#
77	0.0	24.6	36.8#



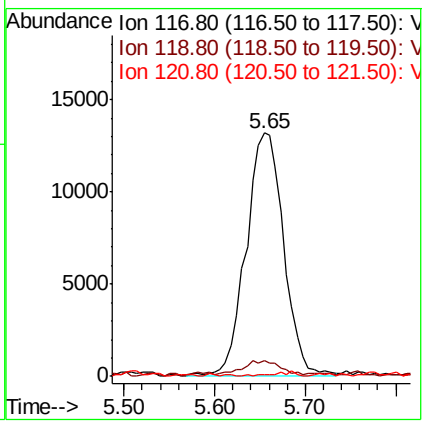


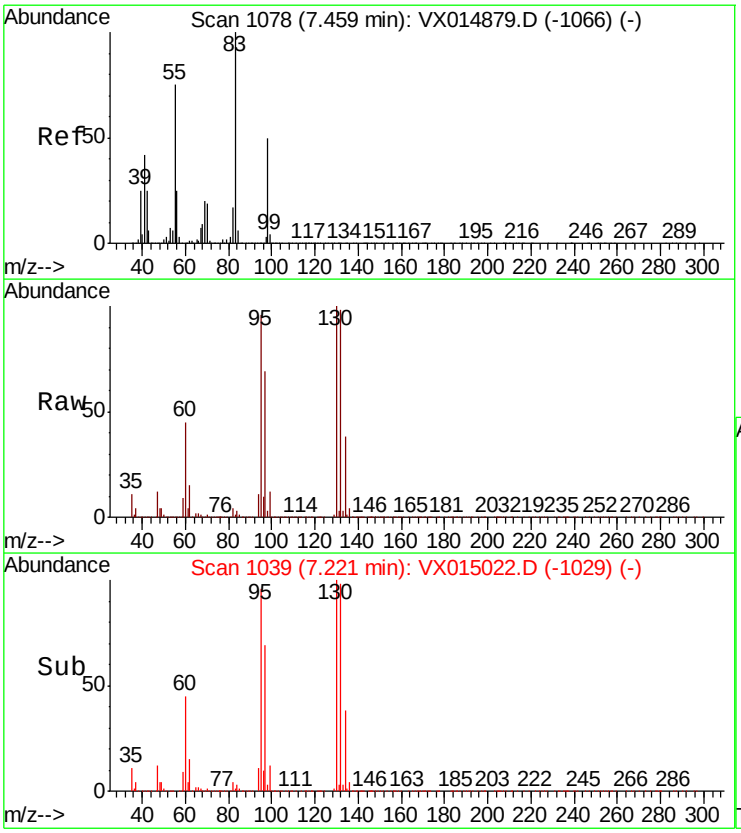
#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 37927

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.0	114.0#
121	0.0	25.4	38.2#

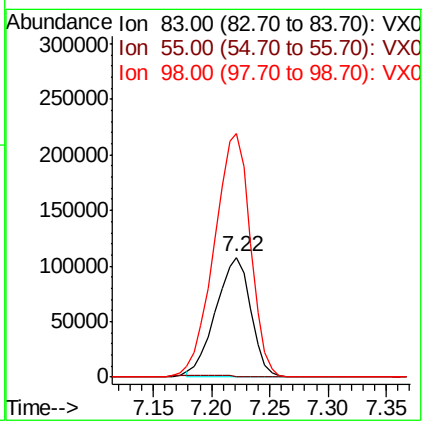


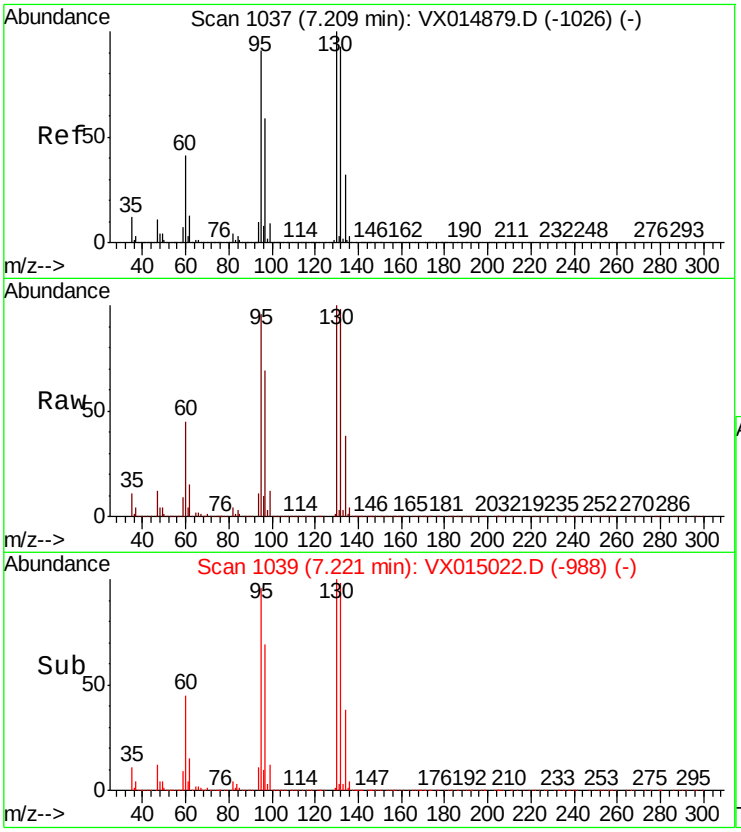


#39
Methylcyclohexane
Concen: 29.969 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. -0.24 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 83 Resp: 223422

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.0	90.0#
98	203.8	39.6	59.4#



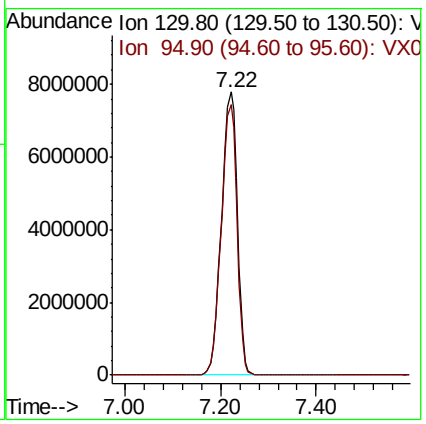


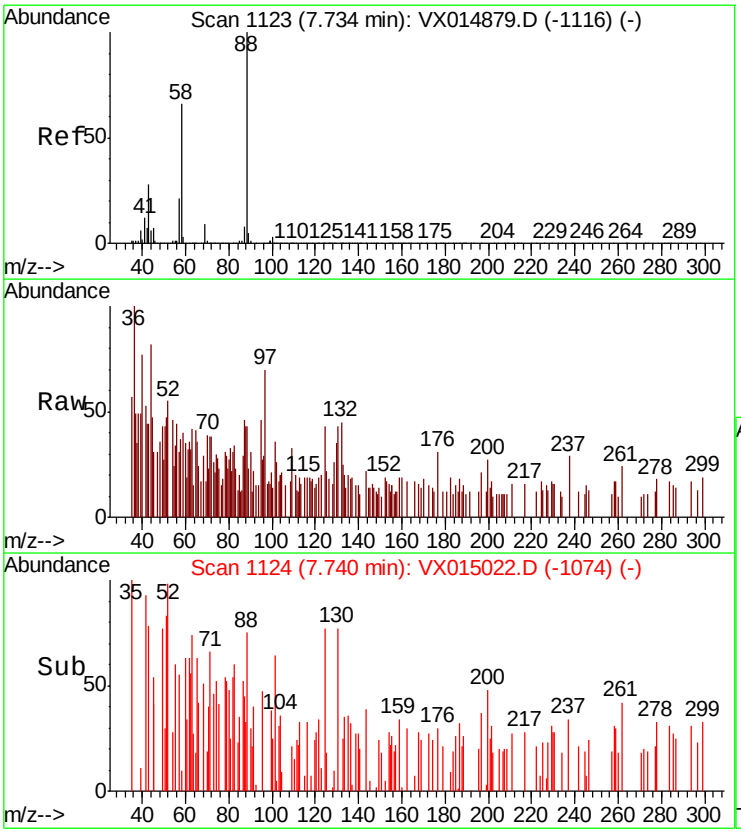
#44
Trichloroethene
Concen: 3489.123 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp:18040179

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	182.6

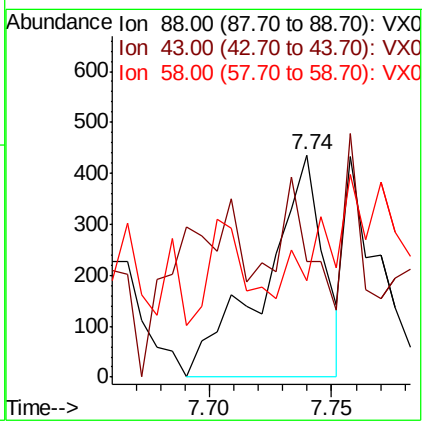


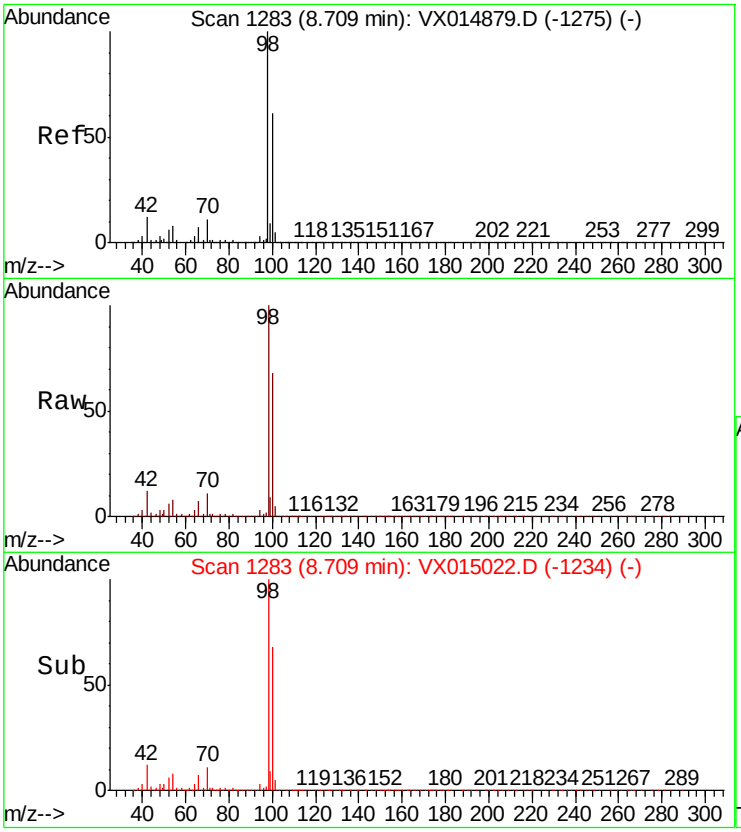


#49
1,4-Dioxane
Concen: 7.693 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 88 Resp: 726

Ion	Ratio	Lower	Upper
88	100		
43	22.9	27.0	40.4#
58	0.0	53.2	79.8#



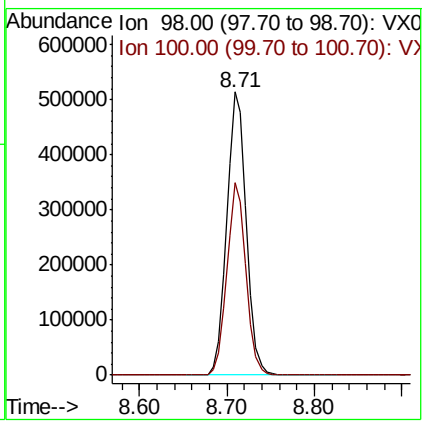


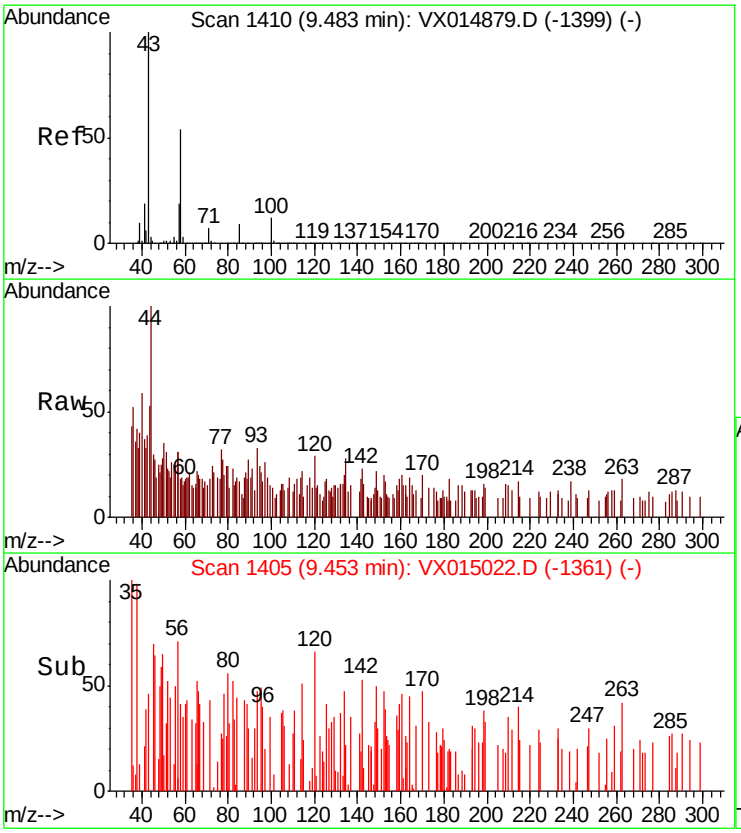
#50
Toluene-d8
Concen: 50.819 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 794706

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6

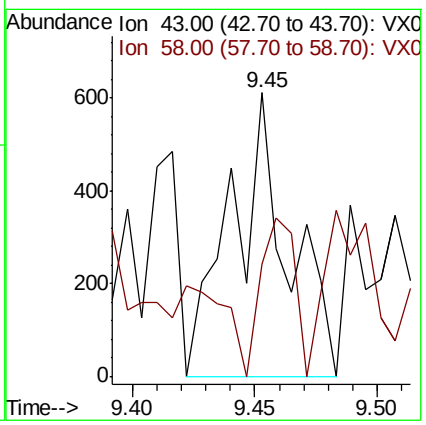


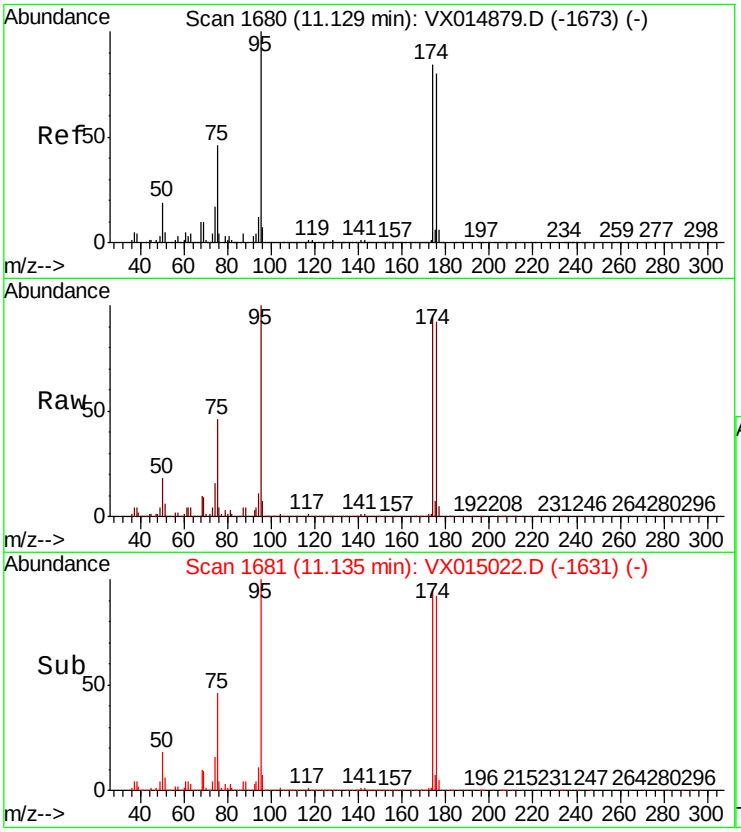


#59
2-Hexanone
Concen: 0.203 ug/l
RT: 9.45 min Scan# 1405
Delta R.T. -0.03 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 43 Resp: 989

Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.5	82.5



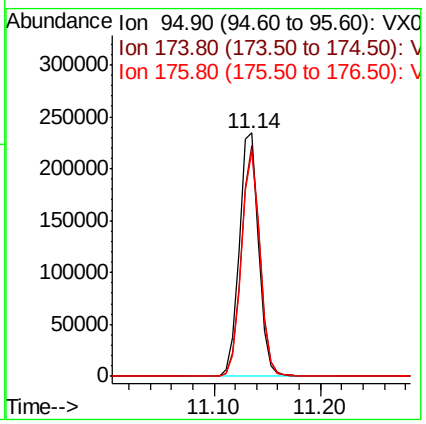


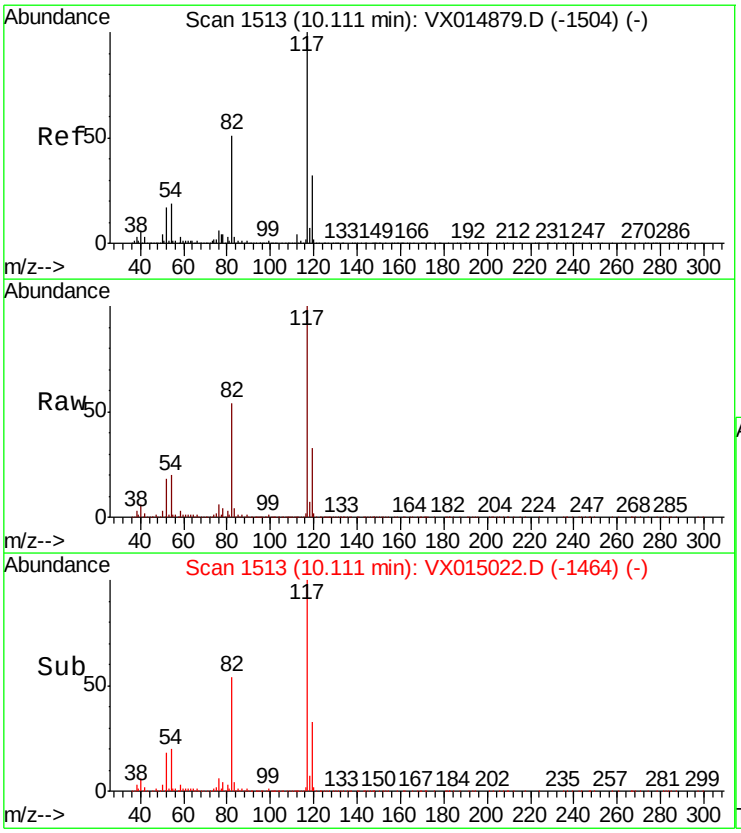
#62
4-Bromofluorobenzene
Concen: 53.135 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 299325

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	183.0
176	88.5	0.0	178.0

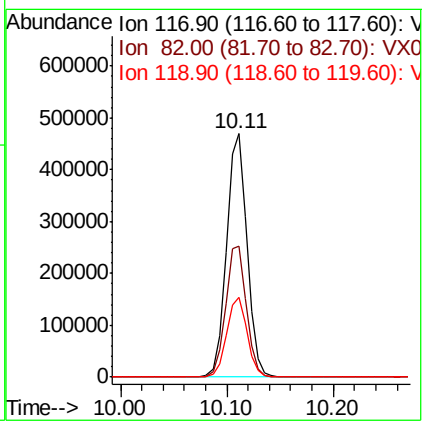


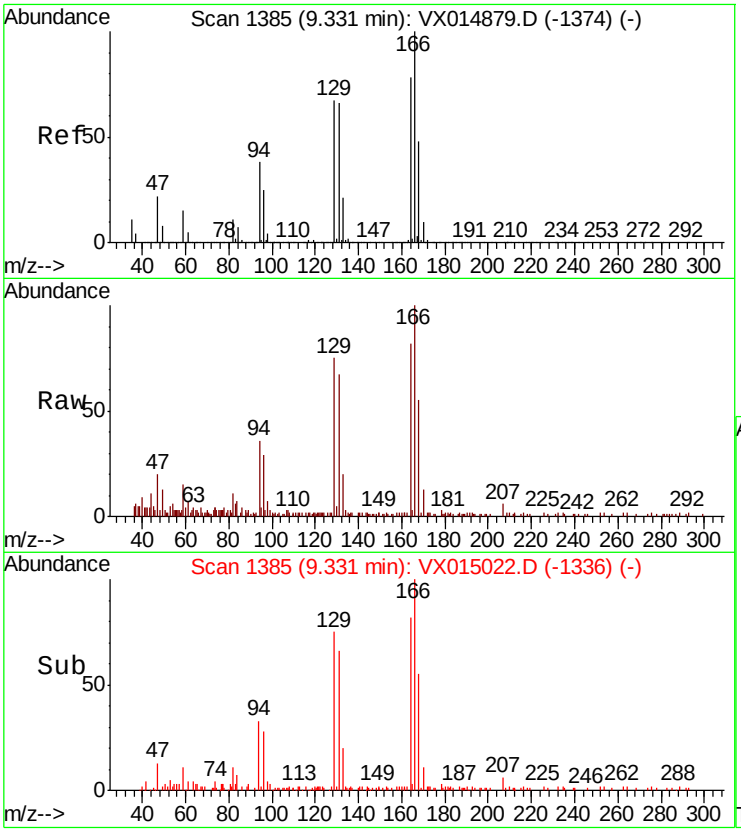


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion:117 Resp: 633227

Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.5	60.7
119	32.6	25.8	38.6



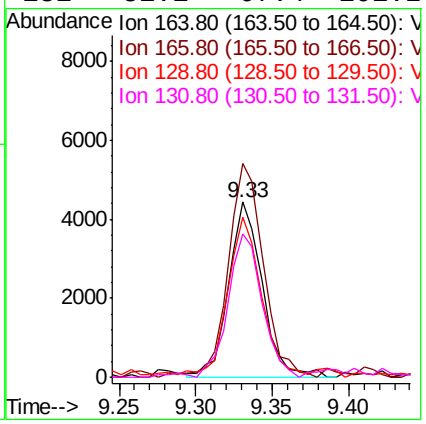


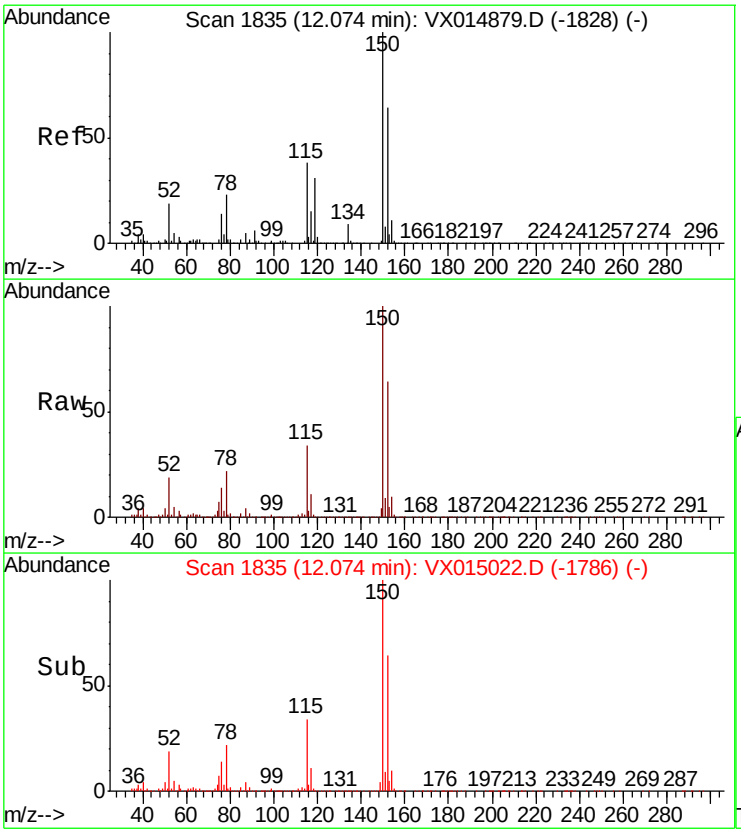
#64
Tetrachloroethene
Concen: 1.147 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 6788

Ion	Ratio	Lower	Upper
164	100		
166	119.0	102.6	153.8
129	88.3	68.3	102.5
131	81.1	67.4	101.2

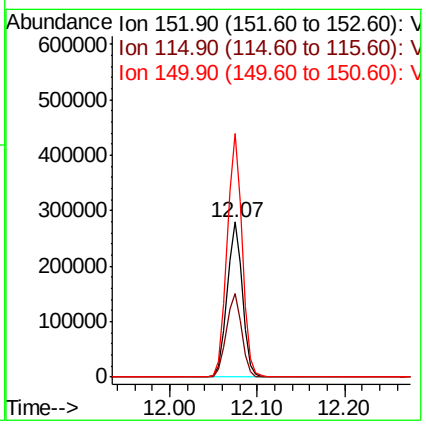


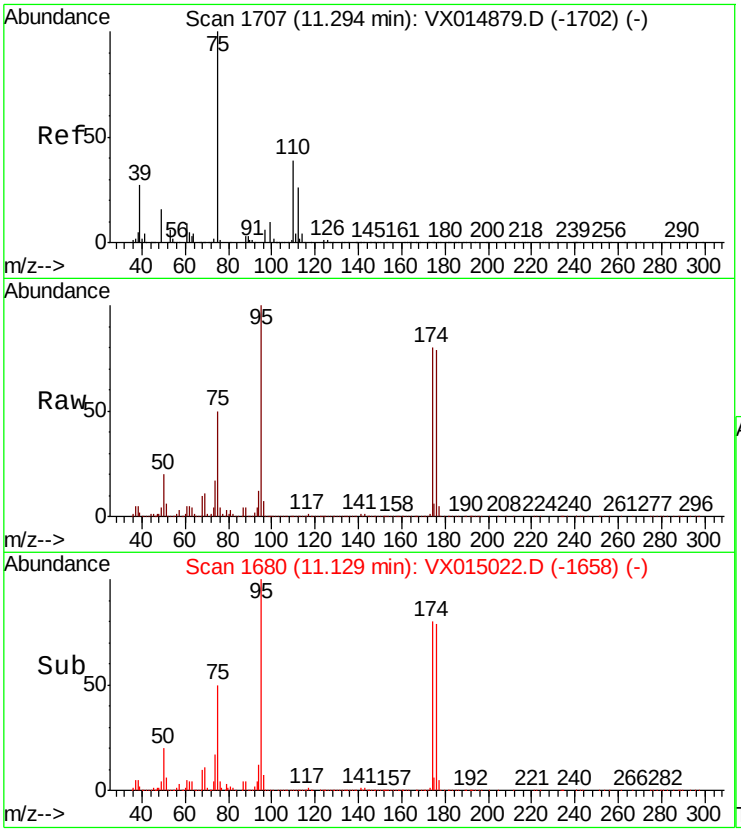


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion:152 Resp: 337966

Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.6	116.0
150	155.2	0.0	349.0



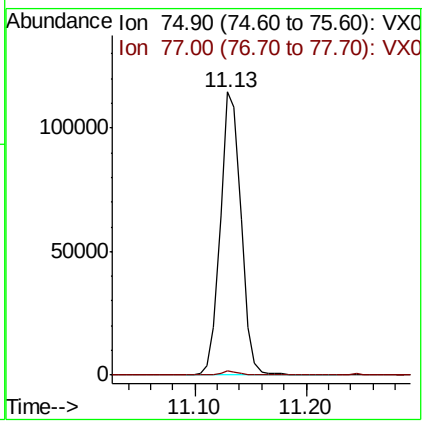


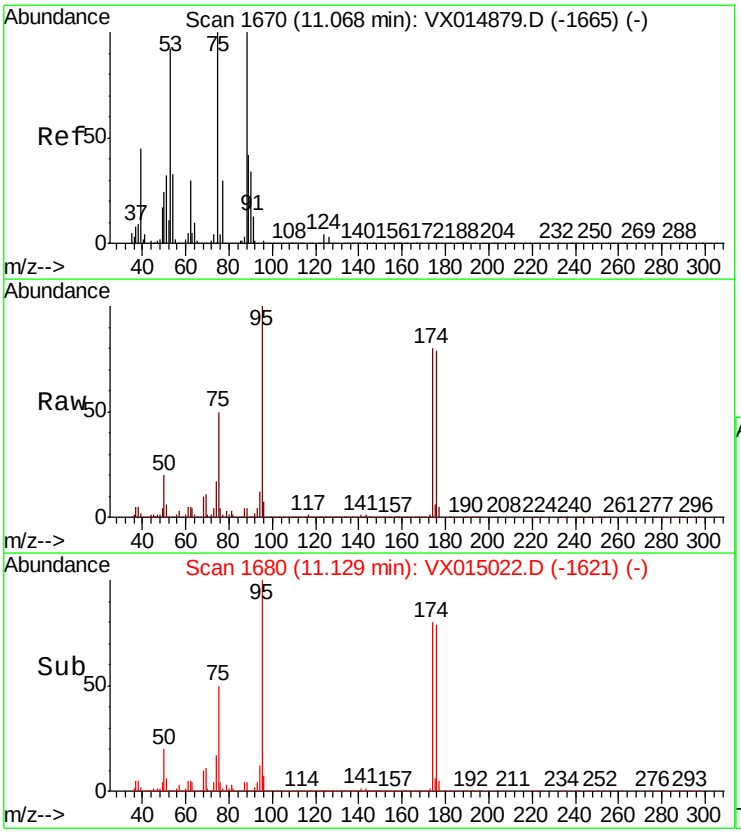
#76
1,2,3-Trichloropropane
Concen: 24.089 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 147218

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.4	55.0#

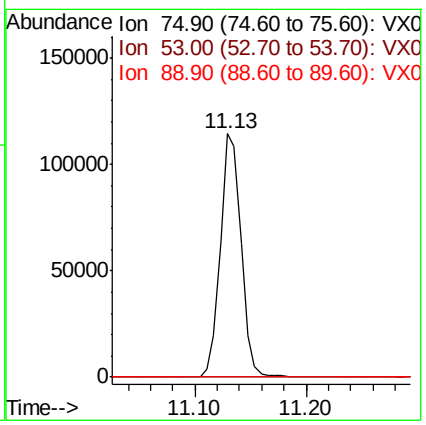


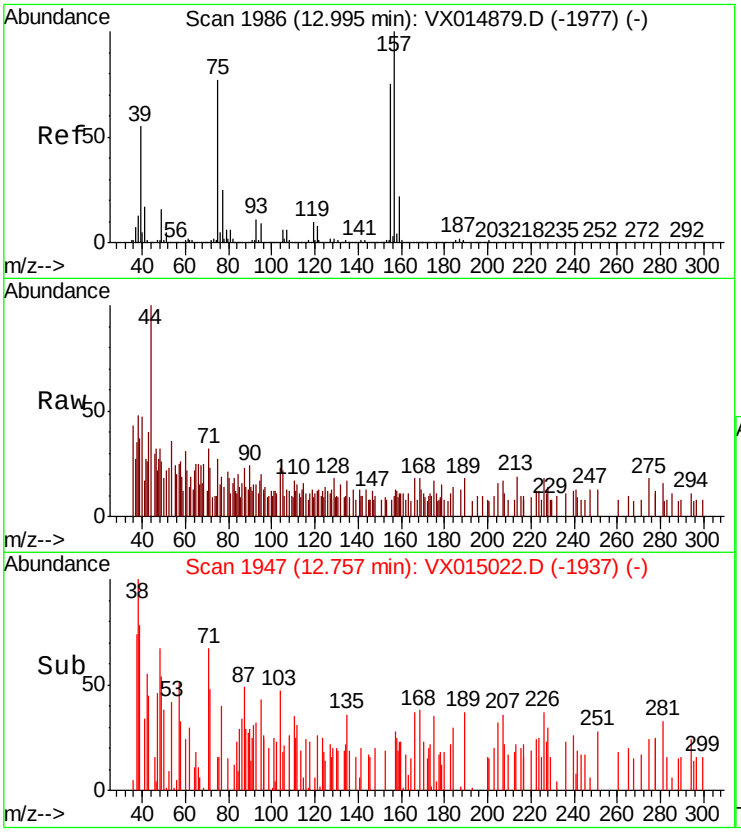


#81
trans-1,4-Dichloro-2-butene
Concen: 61.660 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Tgt Ion: 75 Resp: 147218

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.2	114.2#
89	0.0	35.8	53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.212 ug/l
RT: 12.76 min Scan# 1947
Delta R.T. -0.24 min
Lab File: VX015022.D
Acq: 26 Feb 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 345

Ion	Ratio	Lower	Upper
75	100		
155	49.6	48.6	145.9
157	85.8	62.0	186.0