Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013511.D
Acq On : 21 Nov 2019 18:20
Operator : JC/SP
Sample : K5962-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Quant Time: Nov 22 01:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	706860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1140697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1025870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	414537	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.00%			
35) Dibromofluoromethane	5.49	113	344289	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
50) Toluene-d8	8.71	98	1372931	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.80%			
62) 4-Bromofluorobenzene	11.14	95	454754	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	2696	0.331	ug/l	97
3) Chloromethane	1.32	50	2592	0.293	ug/l #	65
4) Vinyl Chloride	1.40	62	2936	0.292	ug/l #	86
5) Bromomethane	1.64	94	1601	0.228	ug/l #	49
6) Chloroethane	1.72	64	929	Below Cal	#	64
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2987	0.451	ug/l #	80
11) Tert butyl alcohol	3.03	59	995	0.451	ug/l #	65
12) 1,1-Dichloroethene	2.37	96	3301	0.509	ug/l	81
16) Acetone	2.43	43	4112	0.984	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	3228	0.457	ug/l	85
27) cis-1,2-Dichloroethene	4.59	96	144774	18.306	ug/l	90
28) Bromochloromethane	5.00	49	974	0.270	ug/l #	86
29) Tetrahydrofuran	5.15	42	816	0.216	ug/l	92
36) 1,1-Dichloropropene	5.65	75	47885	4.893	ug/l #	42
38) Carbon Tetrachloride	5.65	117	60154	6.286	ug/l #	16
44) Trichloroethene	7.21	130	122831	14.639	ug/l	95
49) 1,4-Dioxane	7.72	88	181	0.841	ug/l #	1
56) Ethyl methacrylate	9.18	69	225	1.579	ug/l #	1
64) Tetrachloroethene	9.32	164	1705	0.232	ug/l #	55
71) Bromoform	10.85	173	512	3.270	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	224160	24.324	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	224160	62.610	ug/l #	9

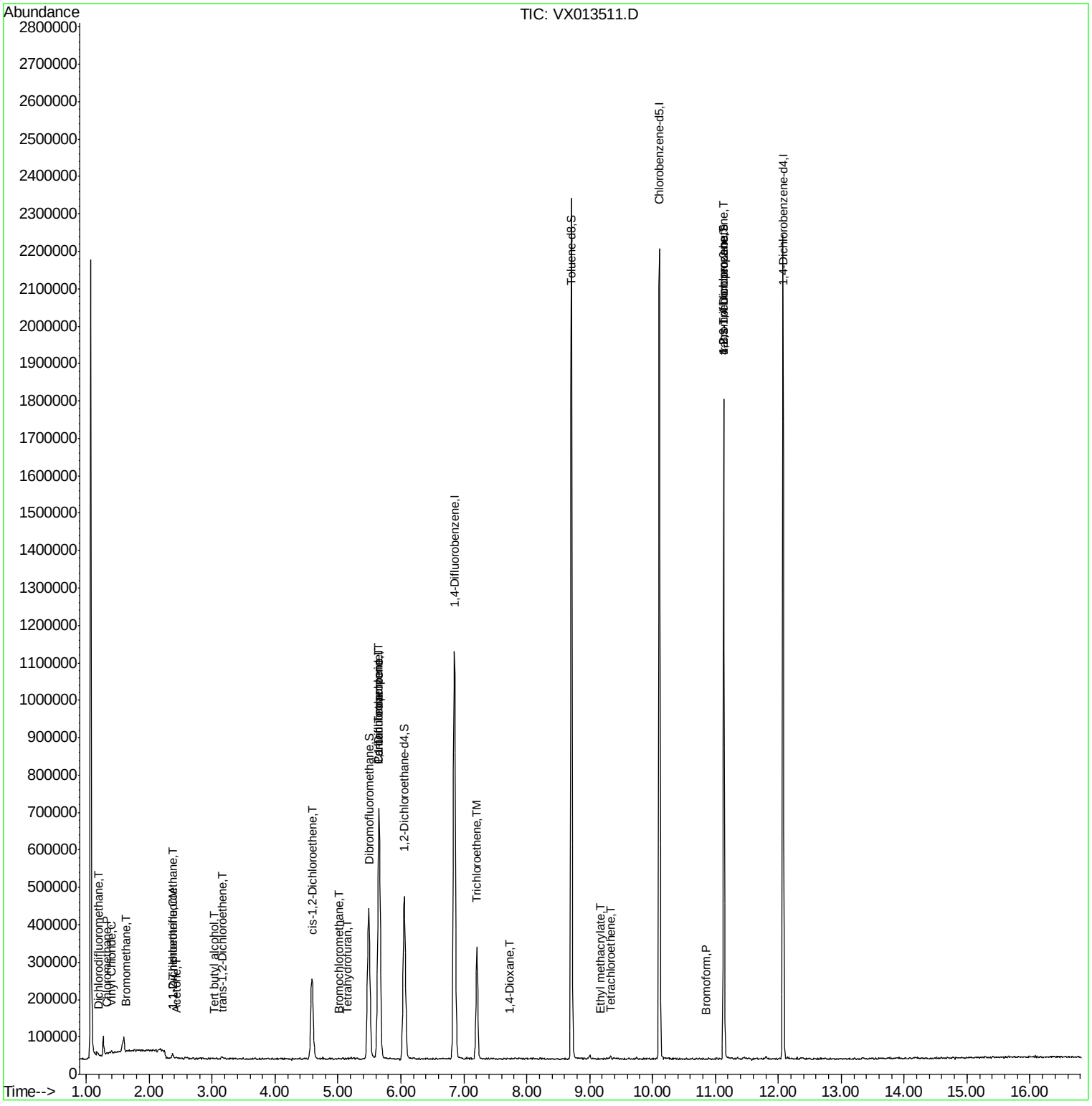
(#) = qualifier out of range (m) = manual integration (+) = signals summed

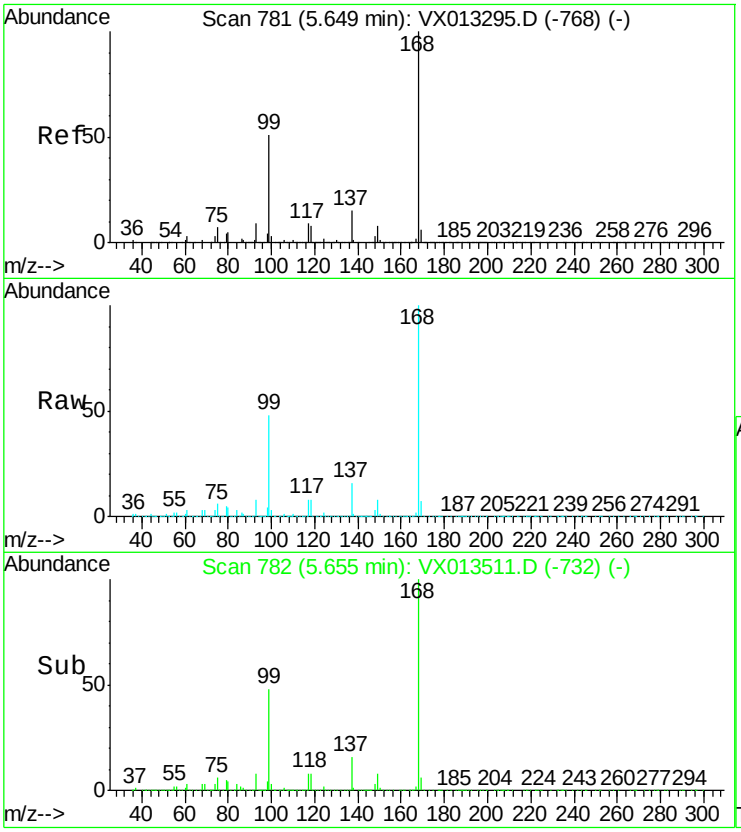
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013511.D
Acq On : 21 Nov 2019 18:20
Operator : JC/SP
Sample : K5962-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Quant Time: Nov 22 01:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



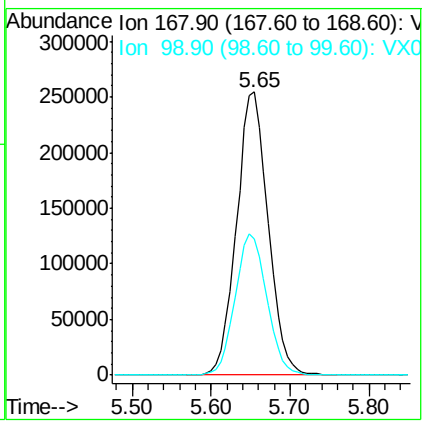


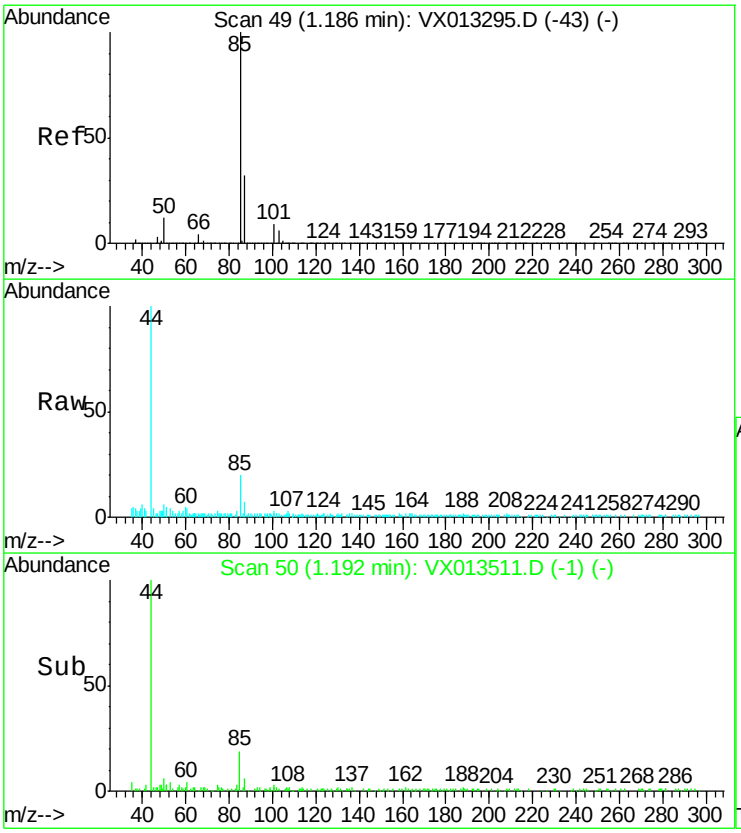
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion:168 Resp: 706860

Ion	Ratio	Lower	Upper
168	100		
99	48.1	40.8	61.2

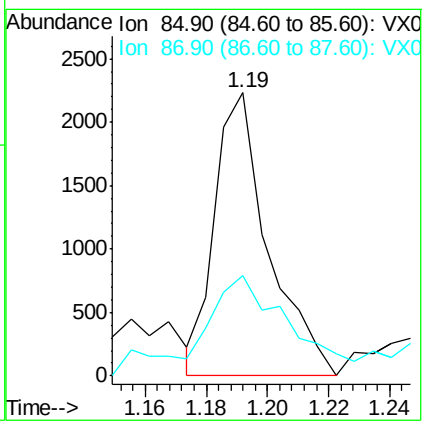


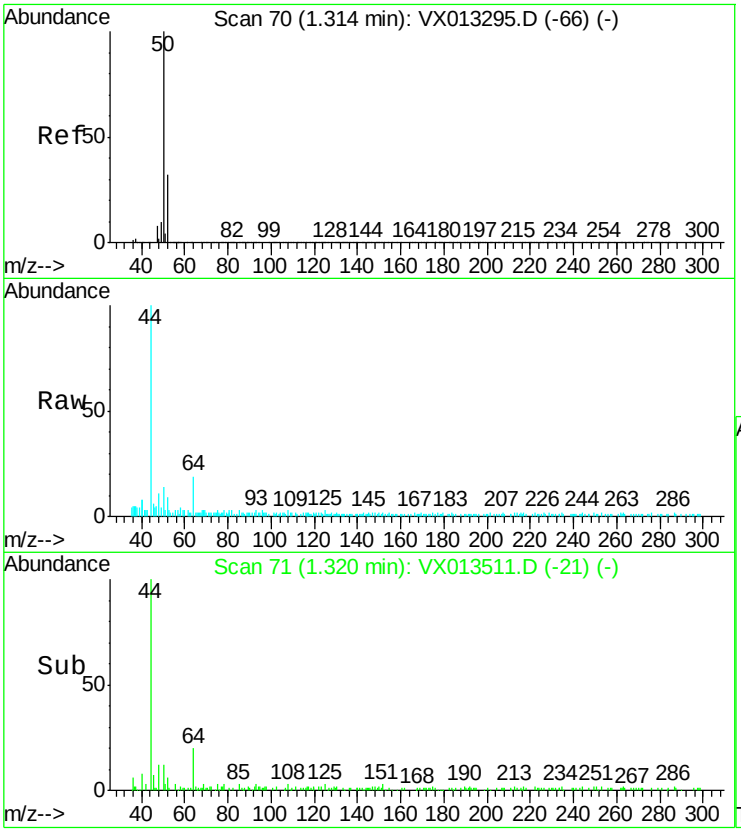


#2
Dichlorodifluoromethane
Concen: 0.331 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 85 Resp: 2696

Ion	Ratio	Lower	Upper
85	100		
87	30.3	15.9	47.6



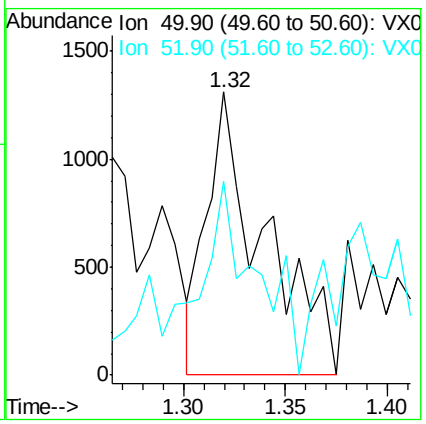


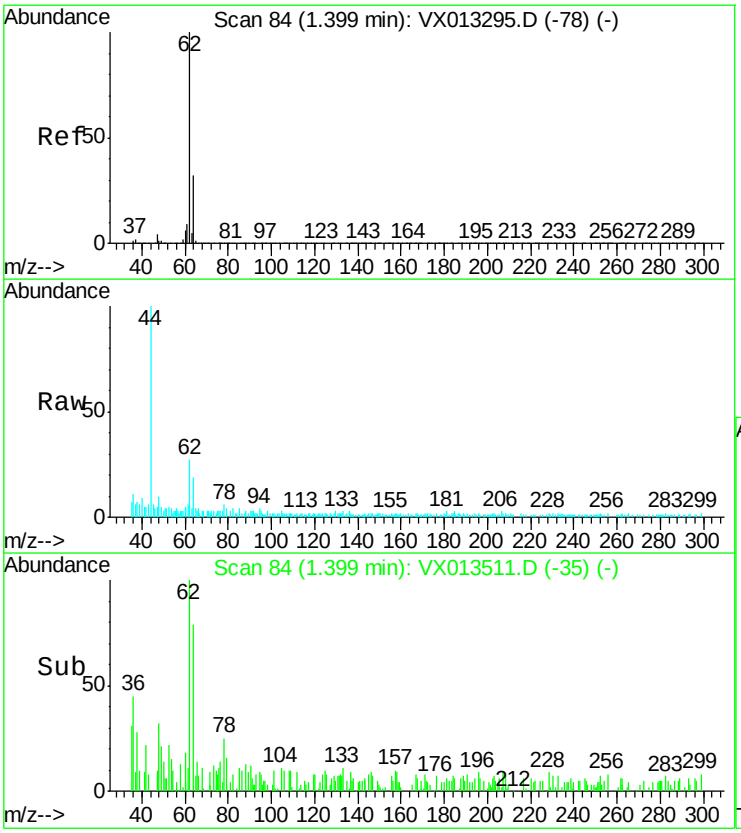
#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 50 Resp: 2592

Ion	Ratio	Lower	Upper
50	100		
52	51.3	25.5	38.3#

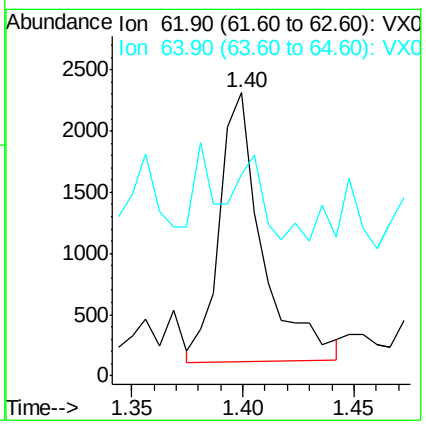


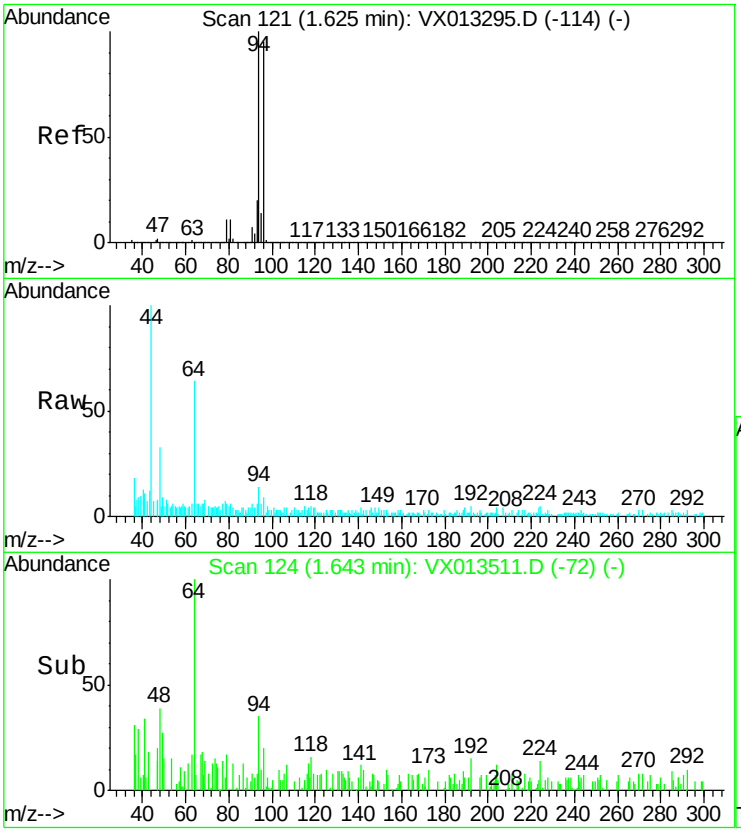


#4
Vinyl Chloride
Concen: 0.292 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 62 Resp: 2936

Ion	Ratio	Lower	Upper
62	100		
64	24.3	25.6	38.4#



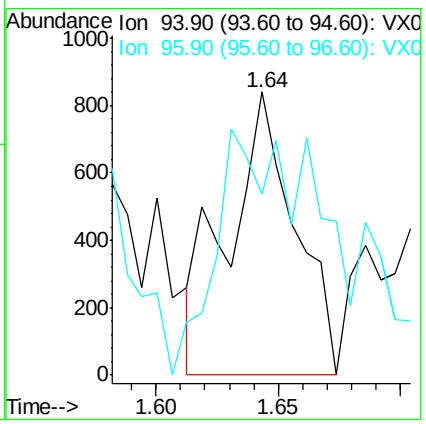


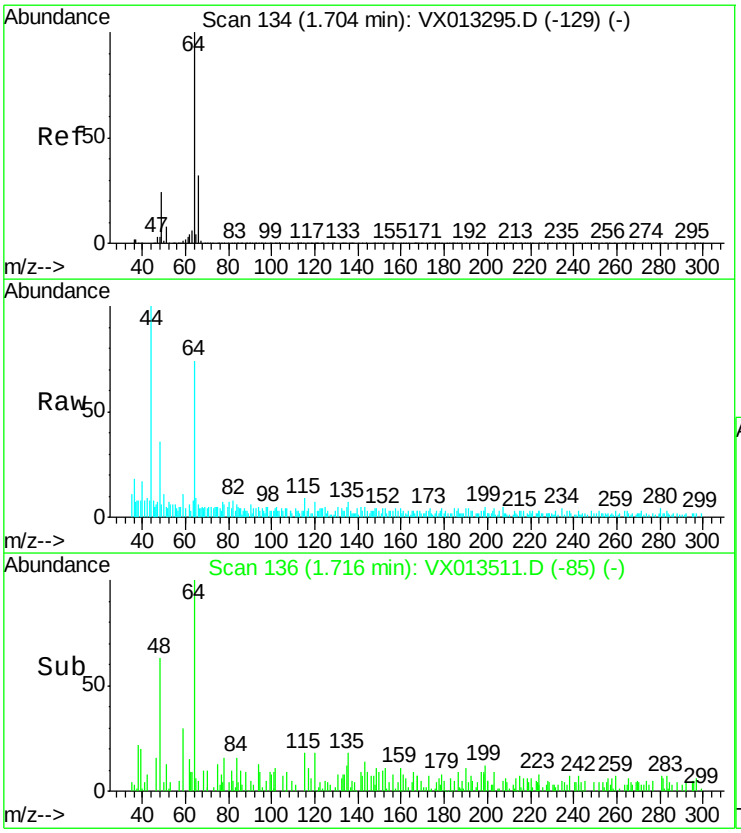
#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion: 94 Resp: 1601

Ion	Ratio	Lower	Upper
94	100		
96	45.5	75.8	113.8#

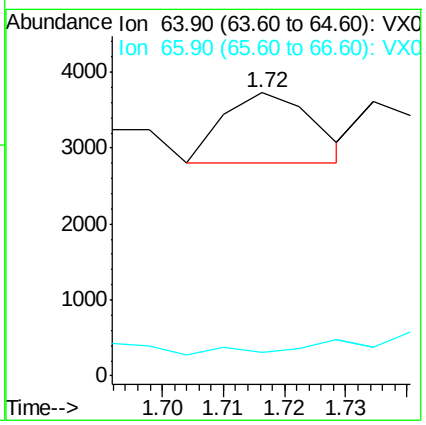


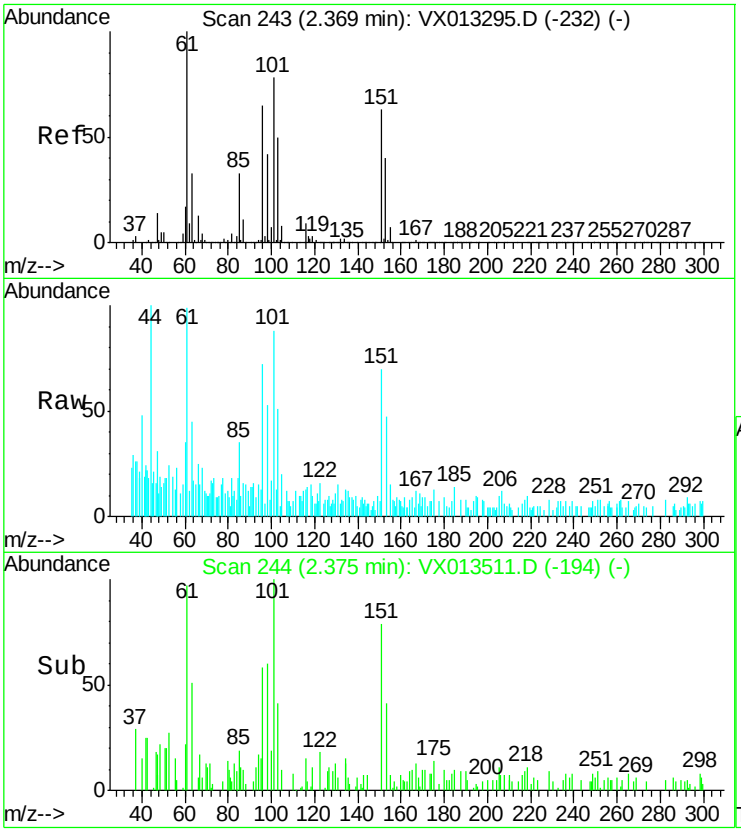


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 64 Resp: 929

Ion	Ratio	Lower	Upper
64	100		
66	11.9	25.6	38.4#



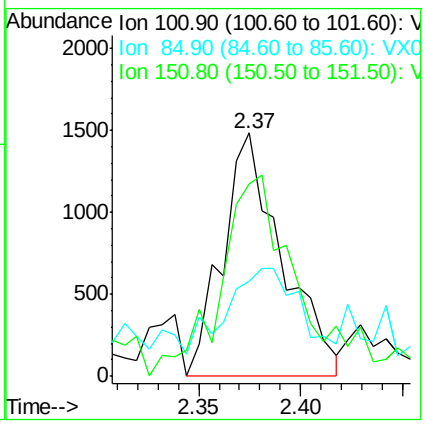


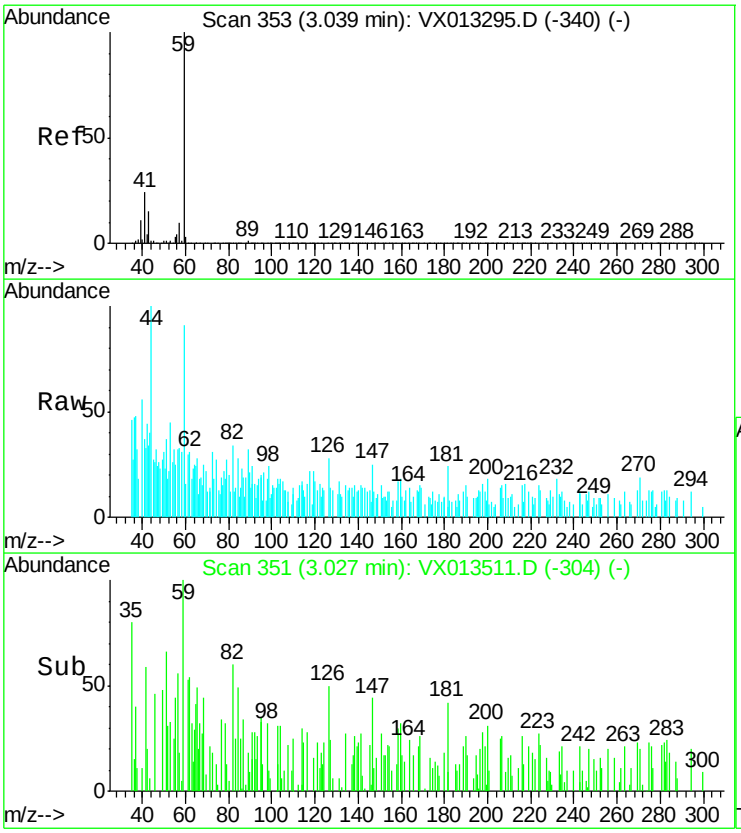
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.451 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion:101 Resp: 2987

Ion	Ratio	Lower	Upper
101	100		
85	48.6	34.4	51.6
151	106.5	66.4	99.6#

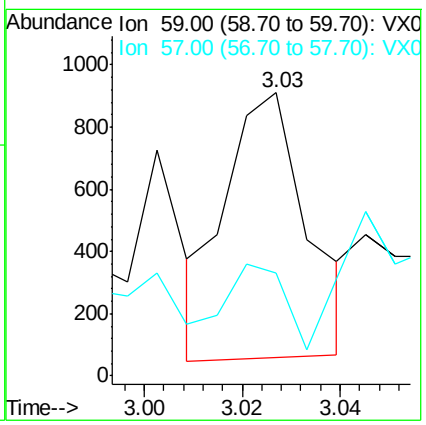


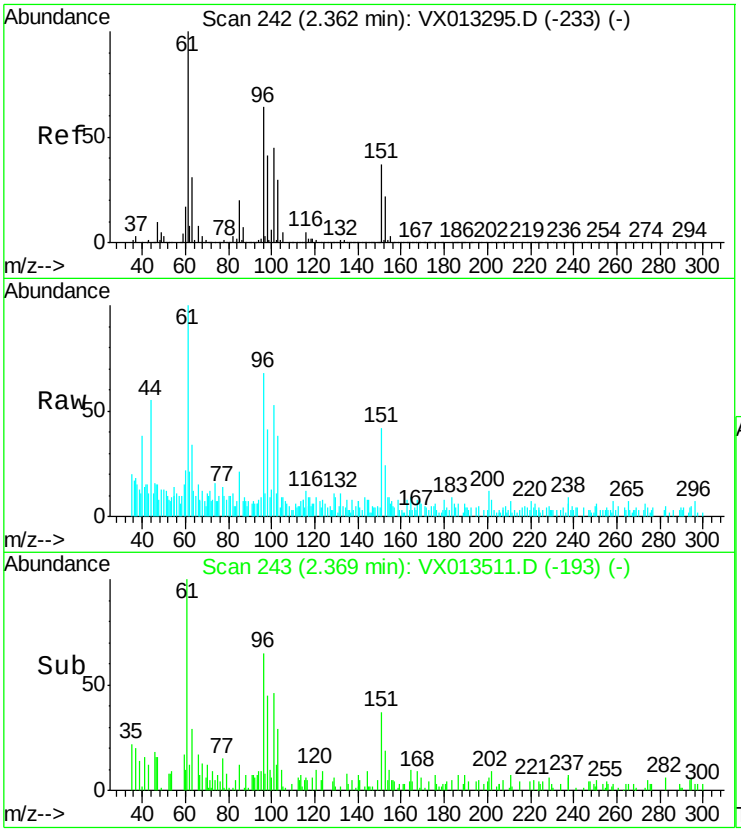


#11
Tert butyl alcohol
Concen: 0.451 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 59 Resp: 995

Ion	Ratio	Lower	Upper
59	100		
57	23.0	8.0	12.0#



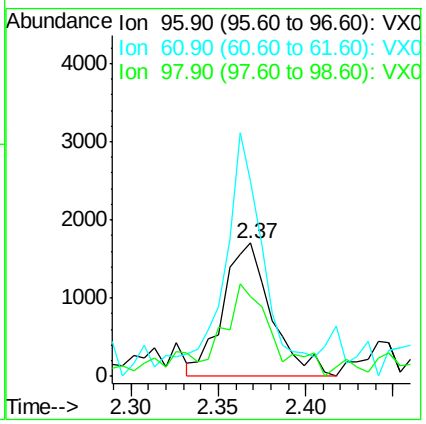


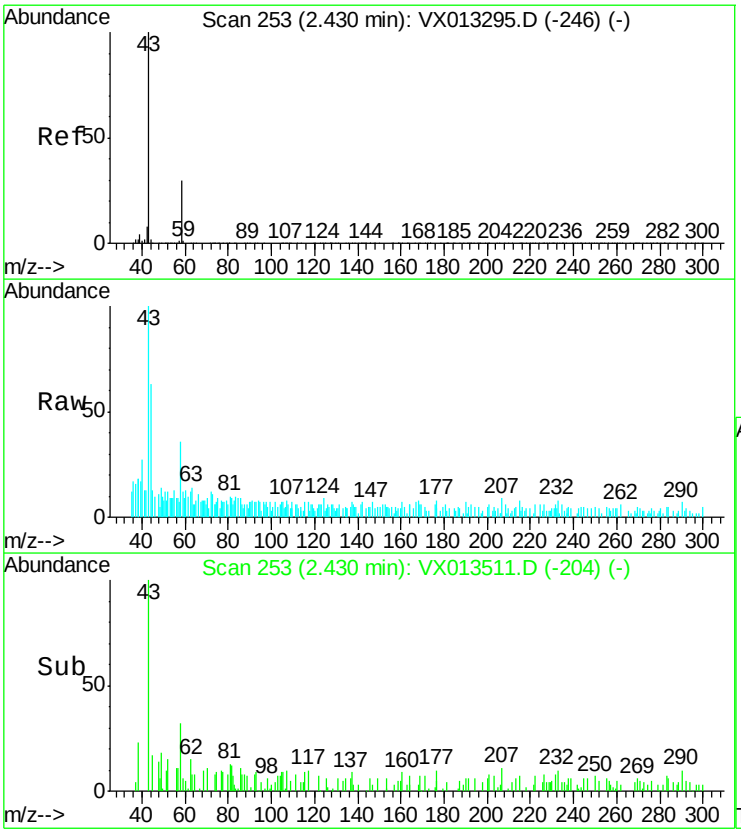
#12
1,1-Dichloroethene
Concen: 0.509 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion: 96 Resp: 3301

Ion	Ratio	Lower	Upper
96	100		
61	129.0	125.0	187.6
98	52.6	50.7	76.1

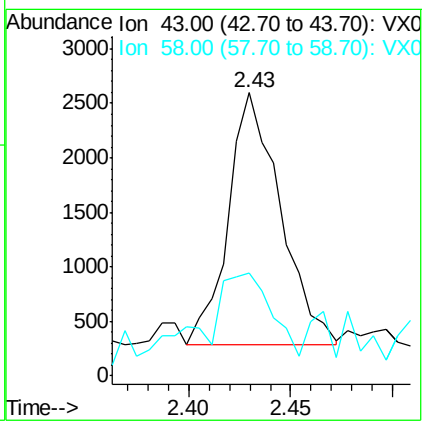


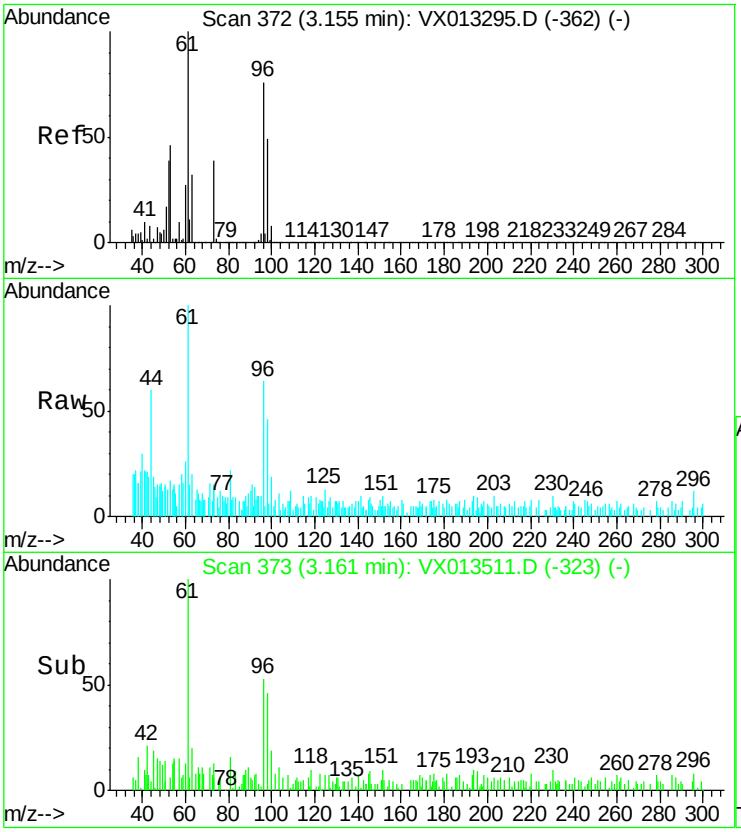


#16
Acetone
Concen: 0.984 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 43 Resp: 4112

Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.3	36.5



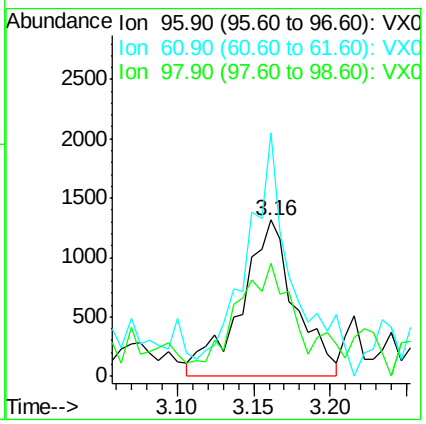


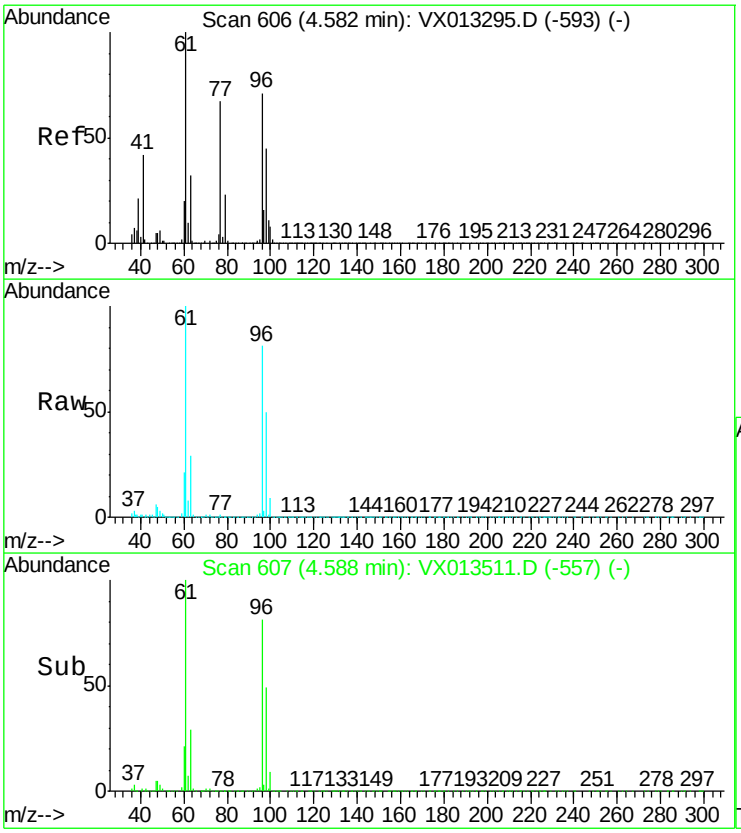
#21
trans-1,2-Dichloroethene
Concen: 0.457 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion: 96 Resp: 3228

Ion	Ratio	Lower	Upper
96	100		
61	154.6	105.8	158.6
98	69.5	51.8	77.6

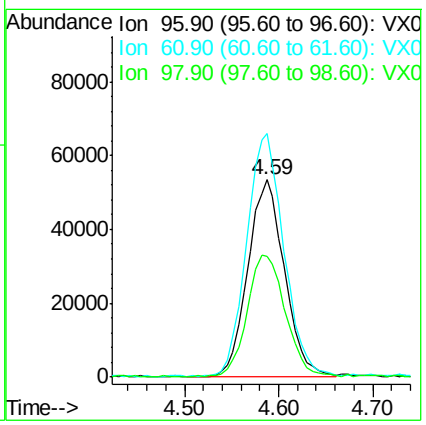


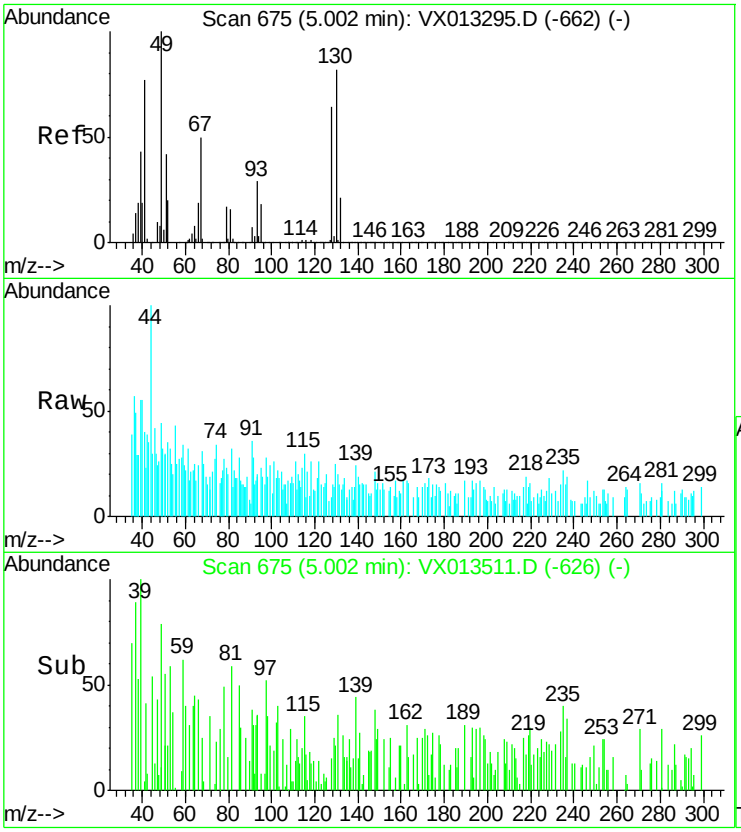


#27
cis-1,2-Dichloroethene
Concen: 18.306 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 96 Resp: 144774

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	288.0
98	64.5	0.0	129.6



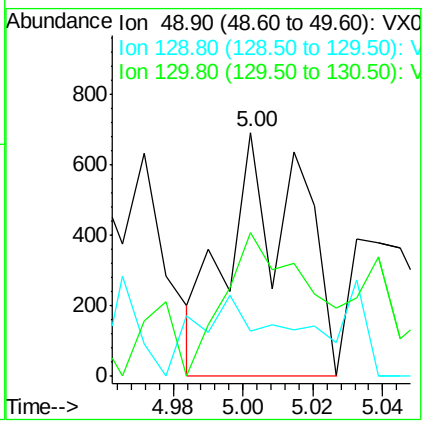


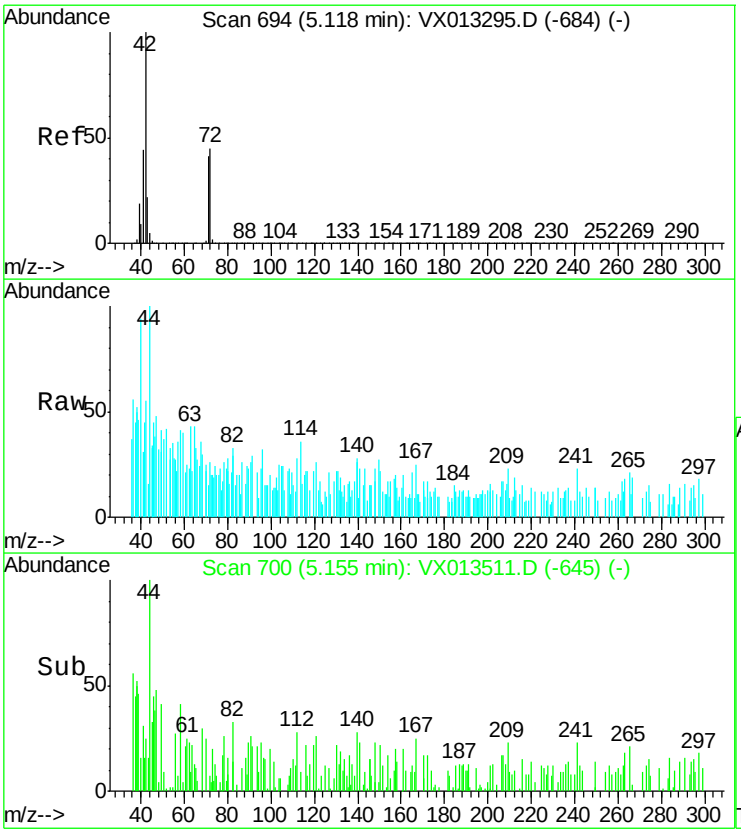
#28
Bromochloromethane
Concen: 0.270 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 49 Resp: 974

Ion	Ratio	Lower	Upper
49	100		
129	35.1	0.0	5.2#
130	69.6	63.8	95.6

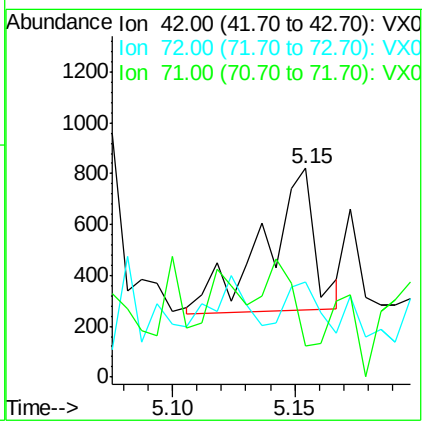


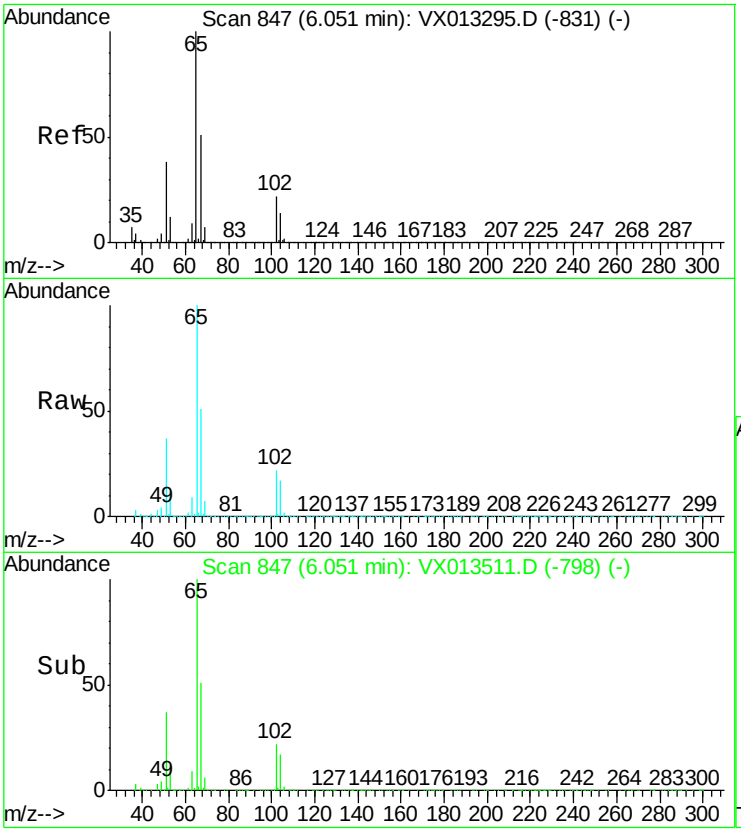


#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 5.15 min Scan# 700
Delta R.T. 0.04 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 42 Resp: 816

Ion	Ratio	Lower	Upper
42	100		
72	41.3	35.8	53.8
71	35.0	33.4	50.0



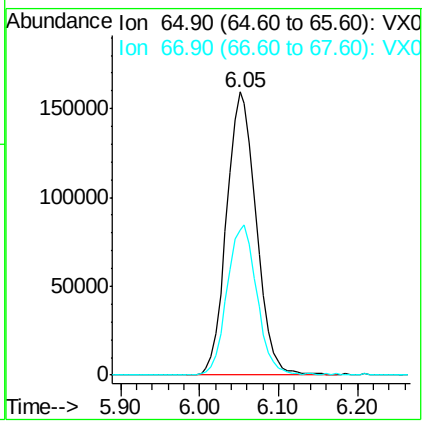


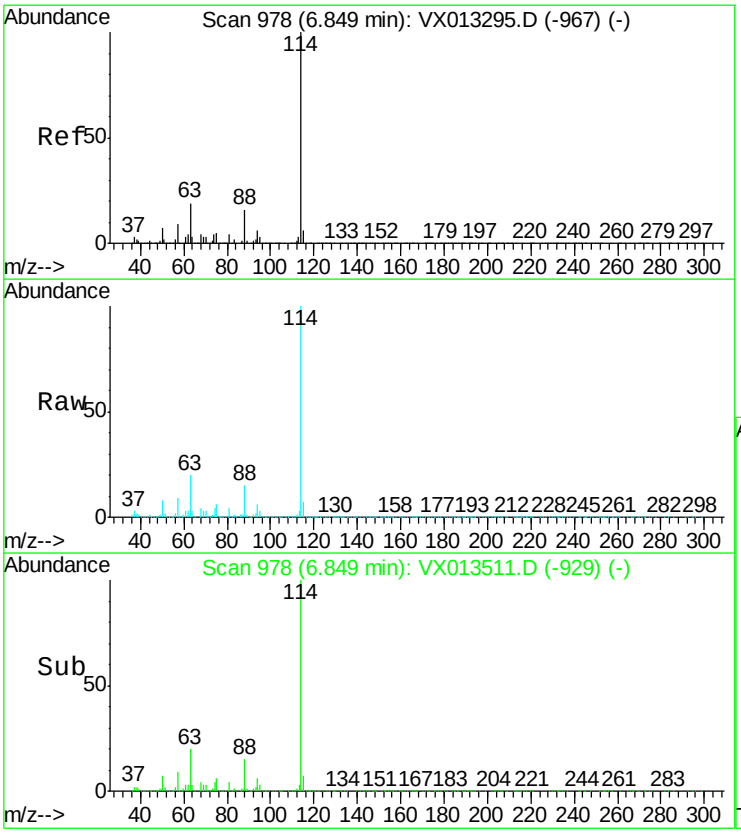
#33
1,2-Dichloroethane-d4
Concen: 49.502 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 65 Resp: 414537

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.2

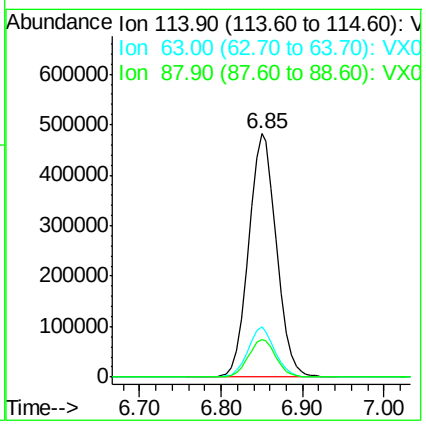


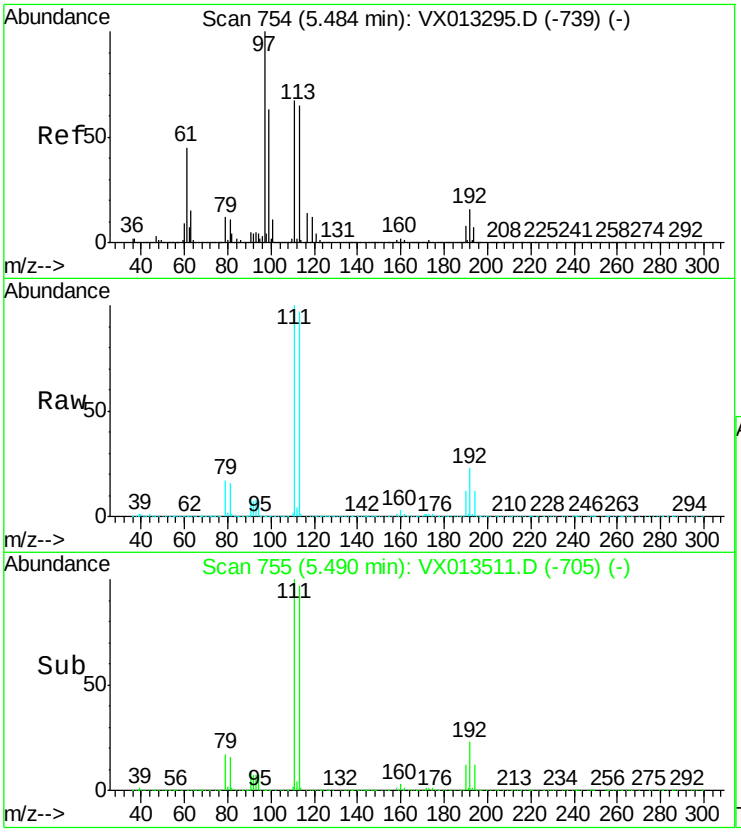


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion:114 Resp: 1140697

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	15.4	0.0	32.2



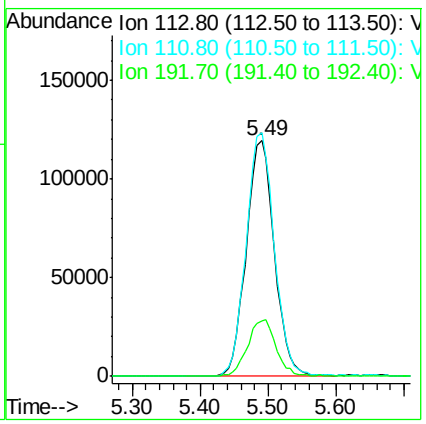


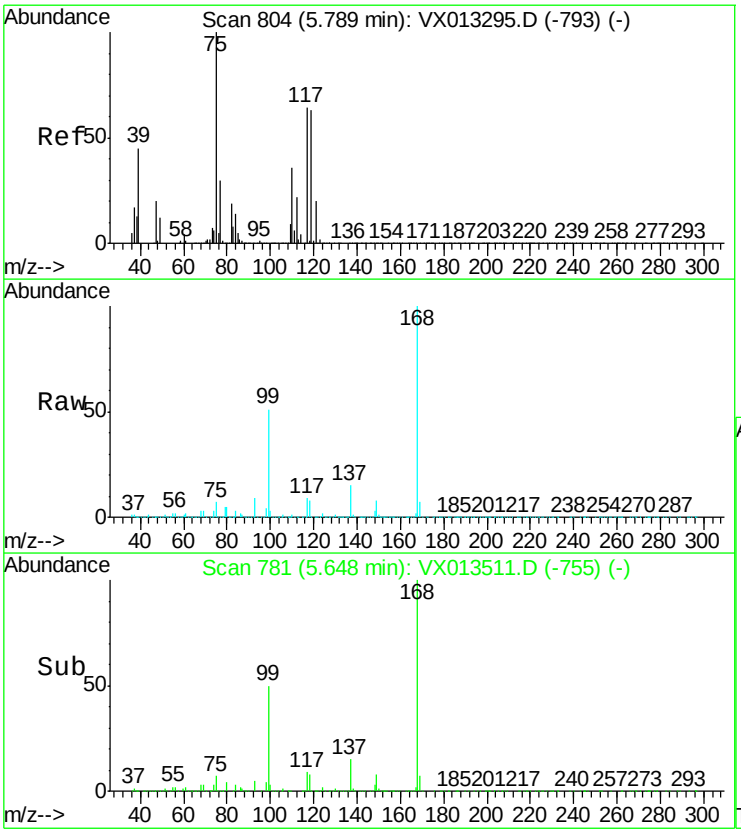
#35
Dibromofluoromethane
Concen: 48.121 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion:113 Resp: 344289

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	24.2	19.1	28.7

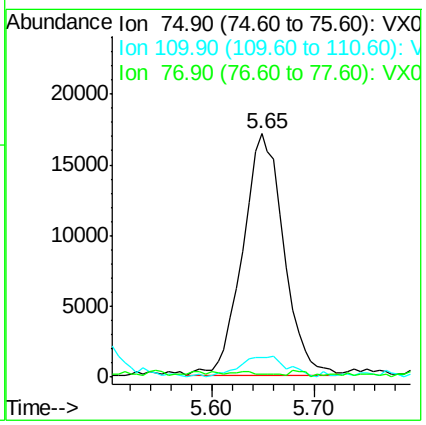


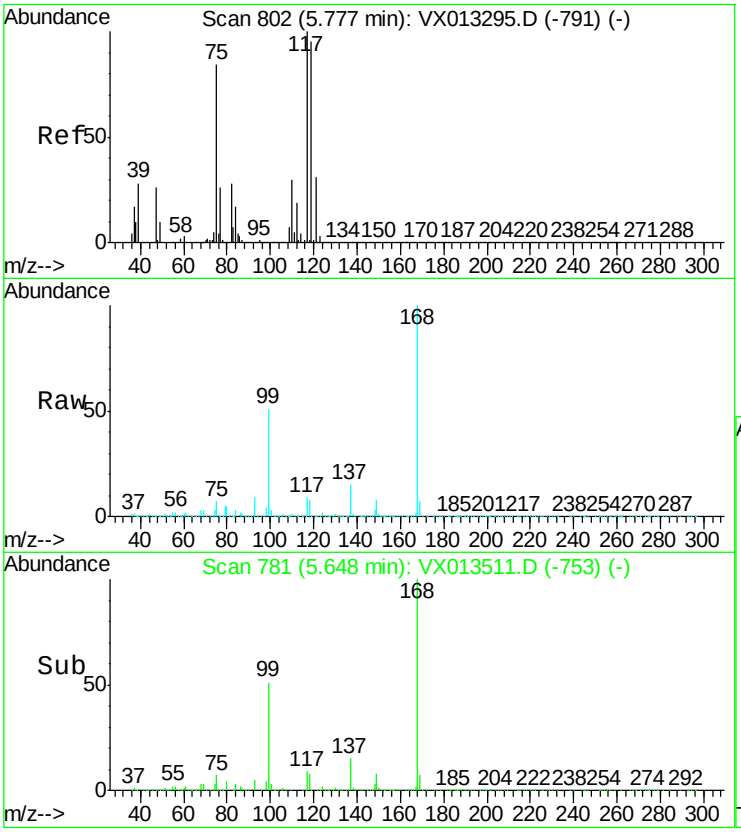


#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 75 Resp: 47885

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.9	25.0	37.4#



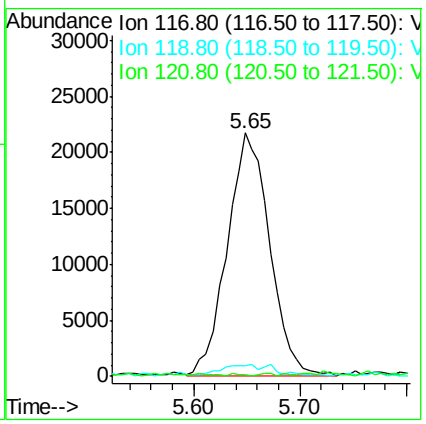


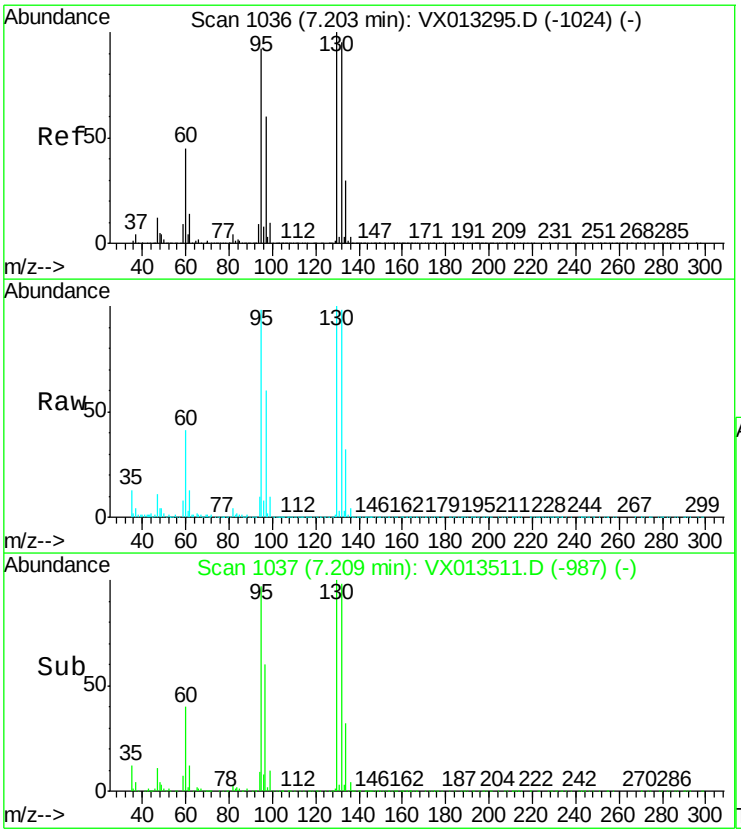
#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion:117 Resp: 60154

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.3	24.6	37.0#

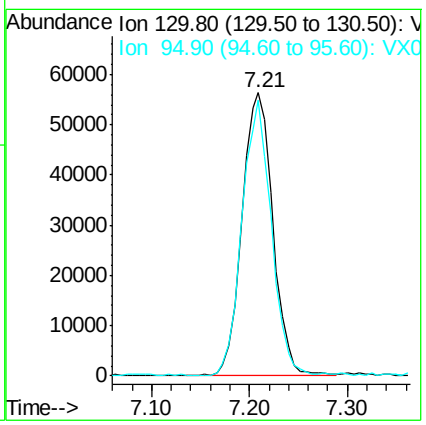


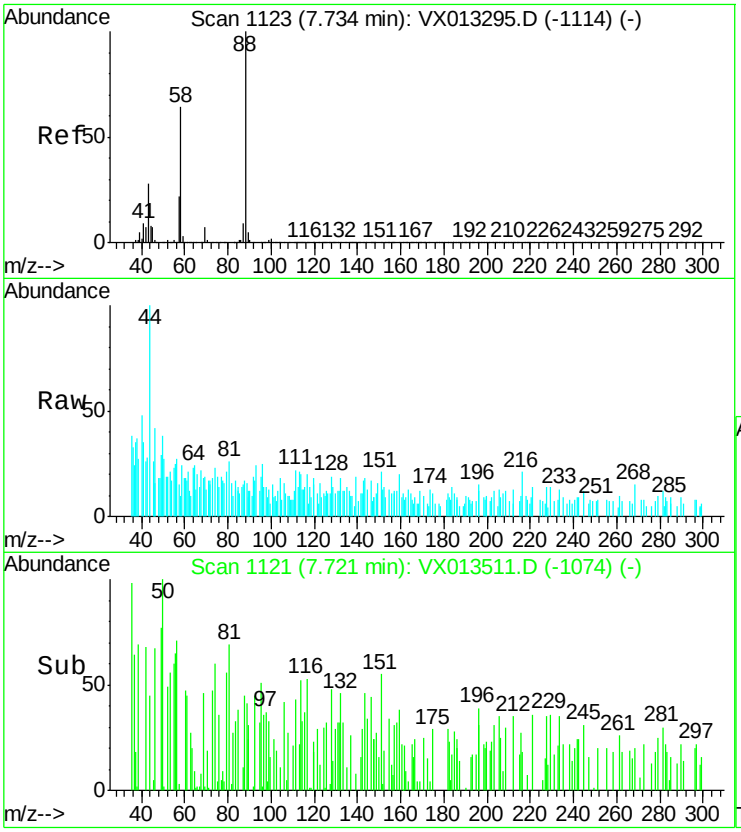


#44
Trichloroethene
Concen: 14.639 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion:130 Resp: 122831

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	184.8



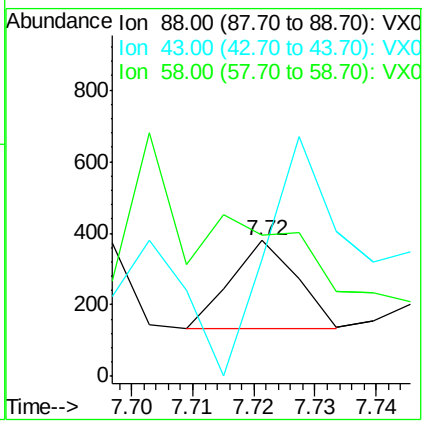


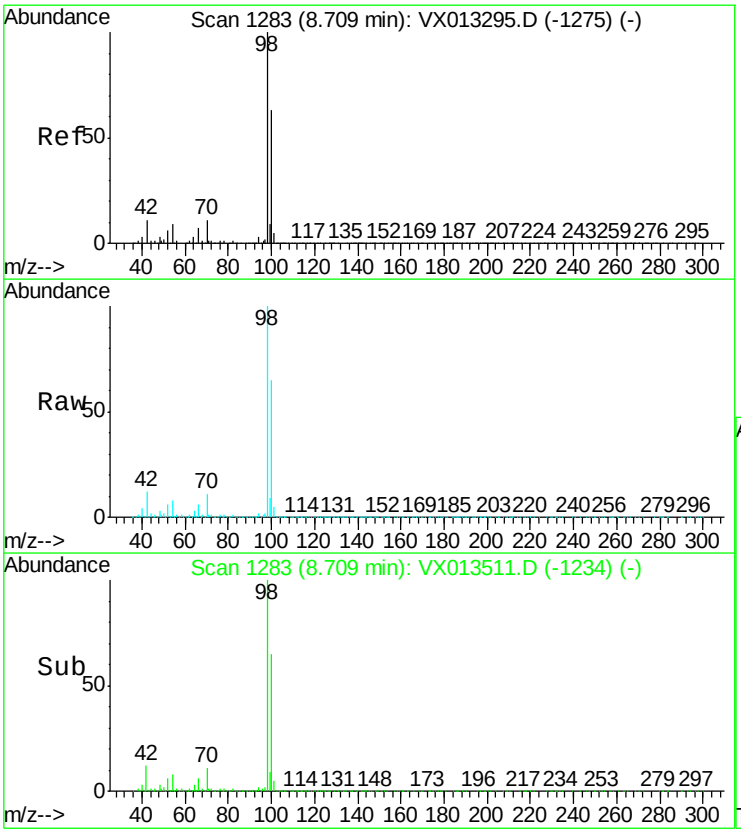
#49
1,4-Dioxane
Concen: 0.841 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	347.5	26.6	39.8#
58	0.0	55.0	82.6#

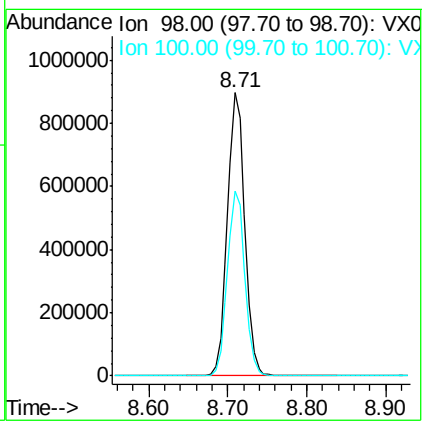


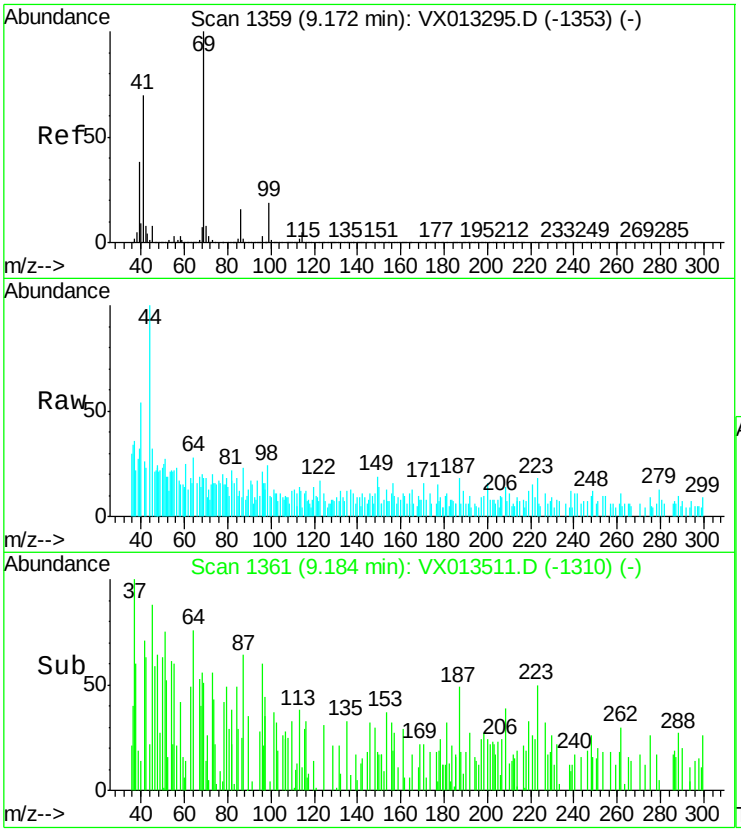


#50
Toluene-d8
Concen: 50.902 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 98 Resp: 1372931

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2



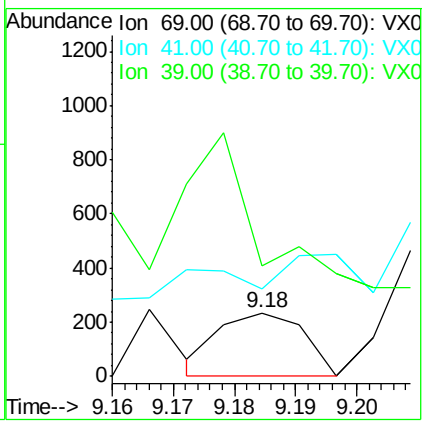


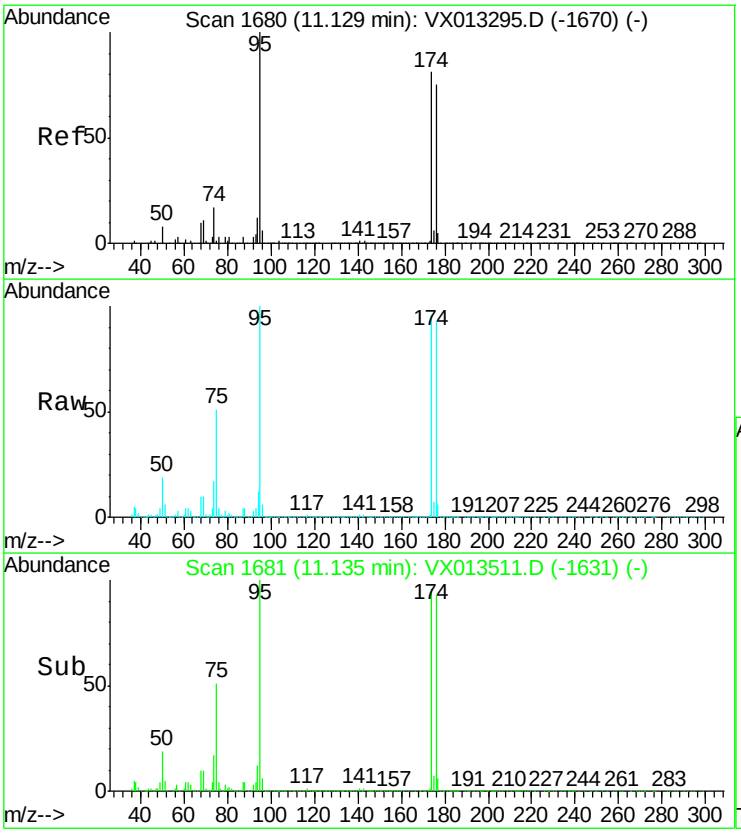
#56
Ethyl methacrylate
Concen: 1.579 ug/l
RT: 9.18 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 69 Resp: 225

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.2#
39	361.8	31.1	46.7#

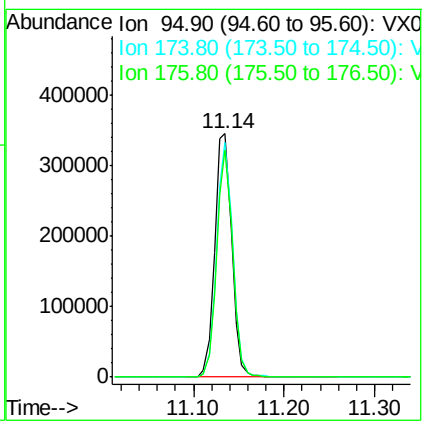


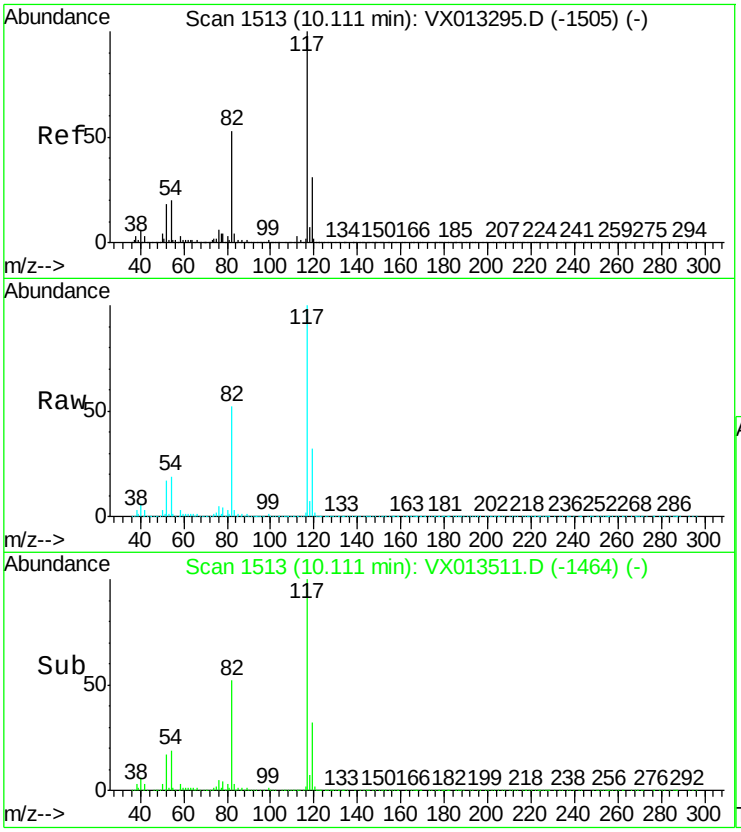


#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 95 Resp: 454754

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	179.8
176	87.4	0.0	173.0



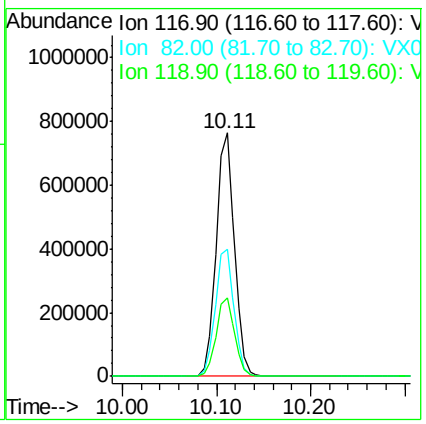


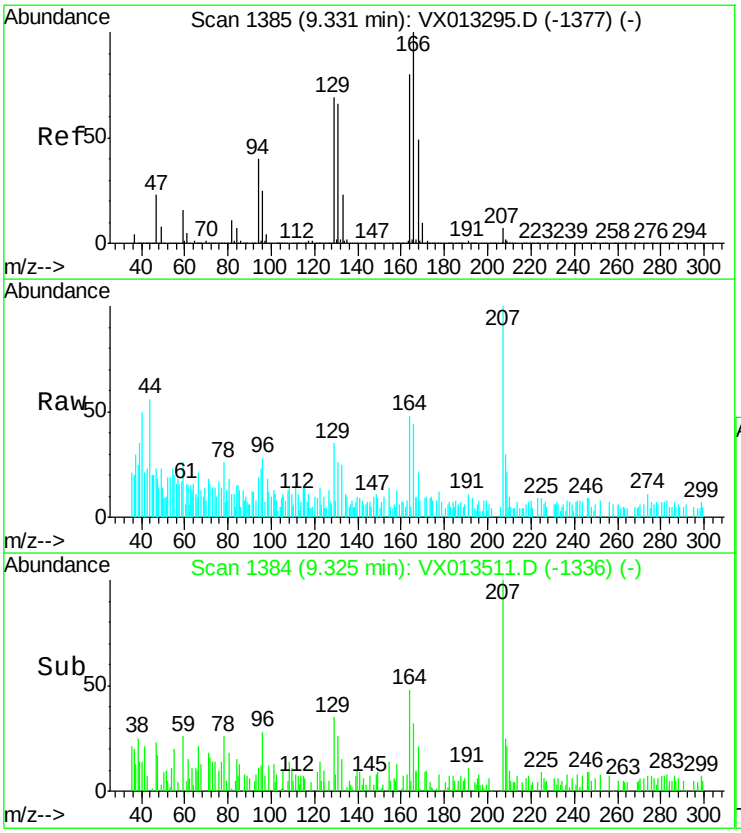
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion:117 Resp: 1025870

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	64.0
119	32.2	24.8	37.2

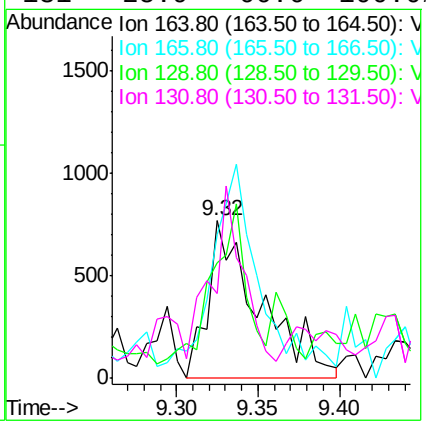


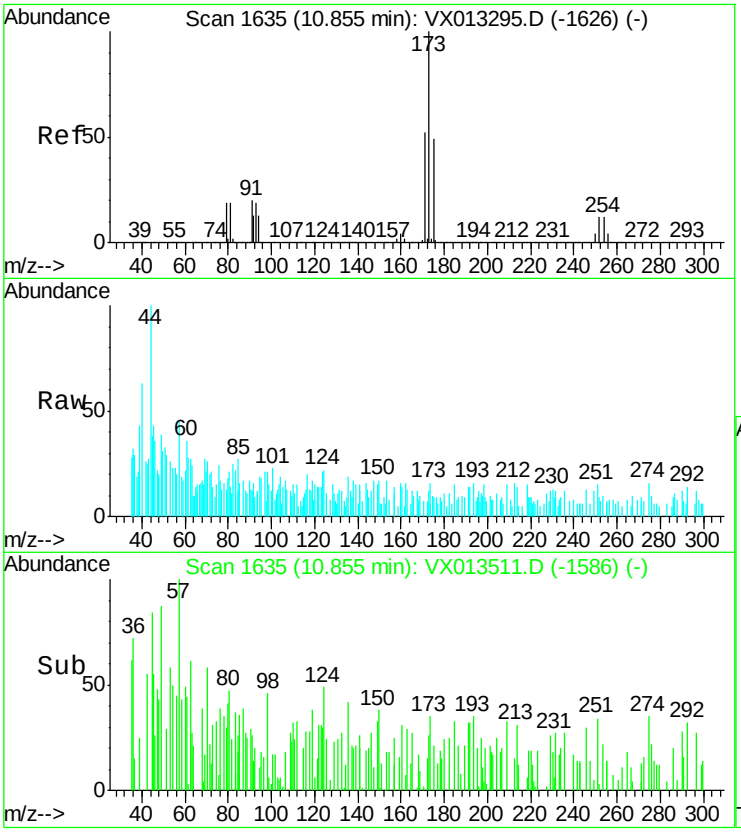


#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion:164 Resp: 1705

Ion	Ratio	Lower	Upper
164	100		
166	83.6	100.4	150.6#
129	51.6	69.4	104.2#
131	25.9	66.6	100.0#



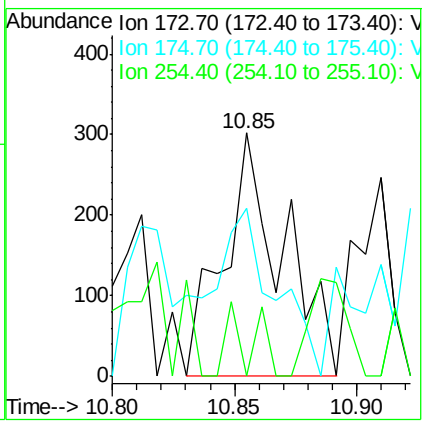


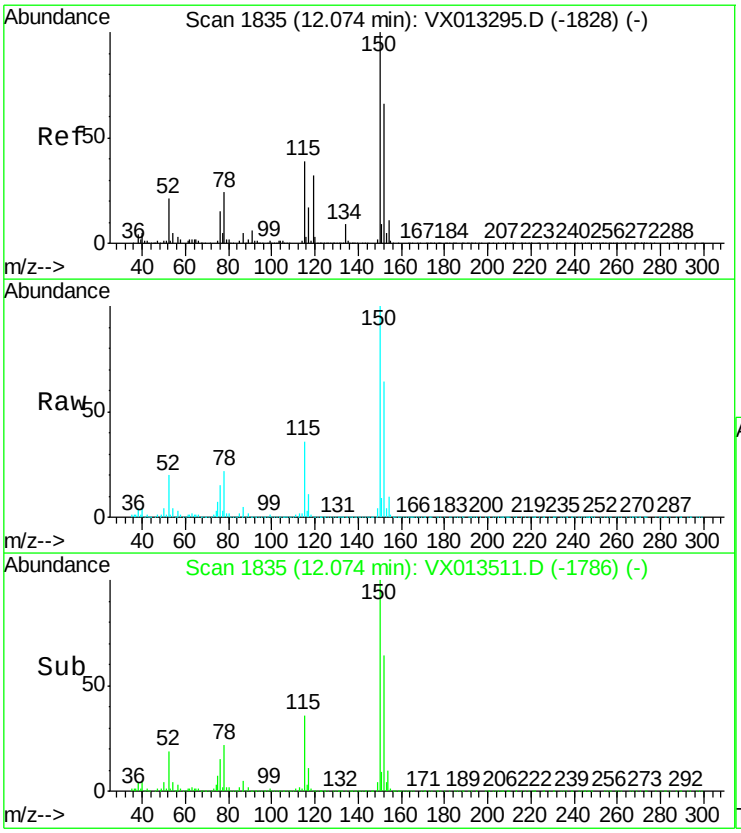
#71
Bromoform
Concen: 3.270 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument : MSVOA_X
ClientSampleId : 22BR-20191120

Tgt Ion:173 Resp: 512

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	12.9	0.2	0.2#

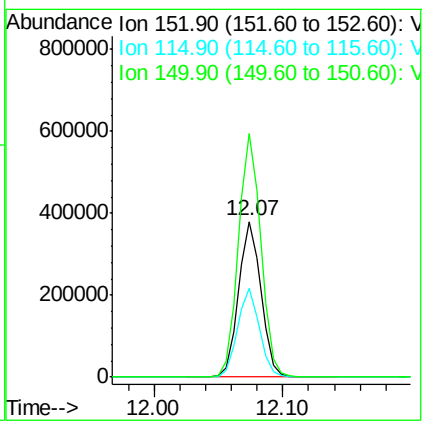


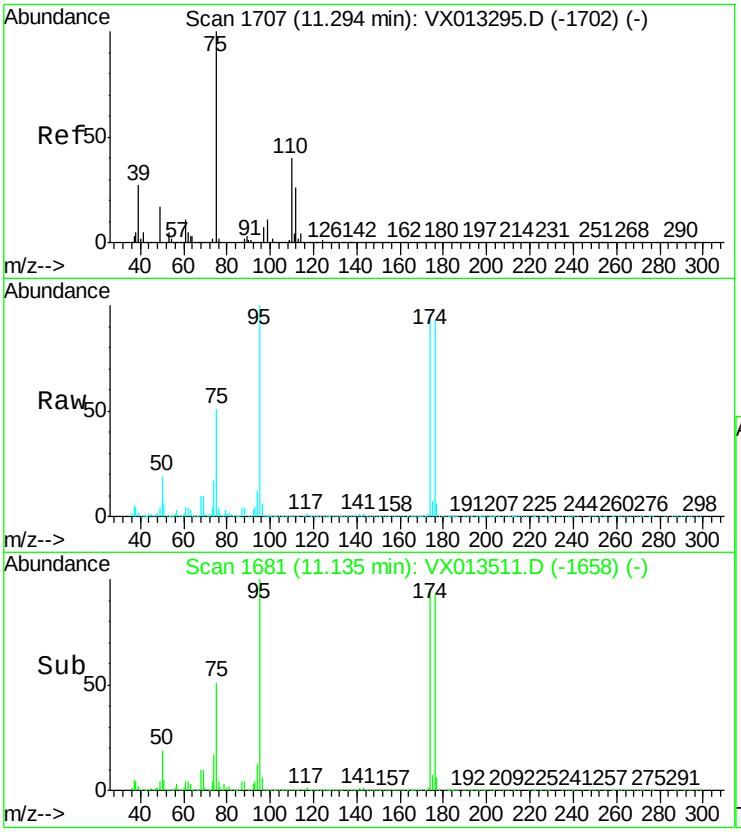


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion:152 Resp: 453711

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.5	118.3
150	157.4	0.0	344.4



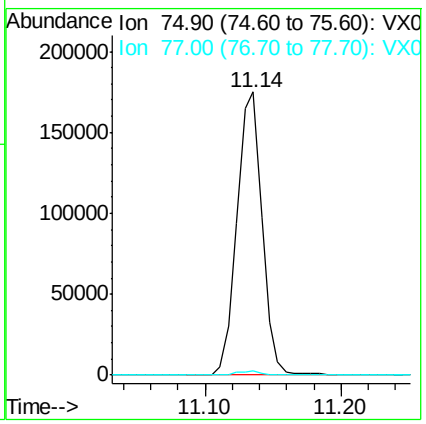


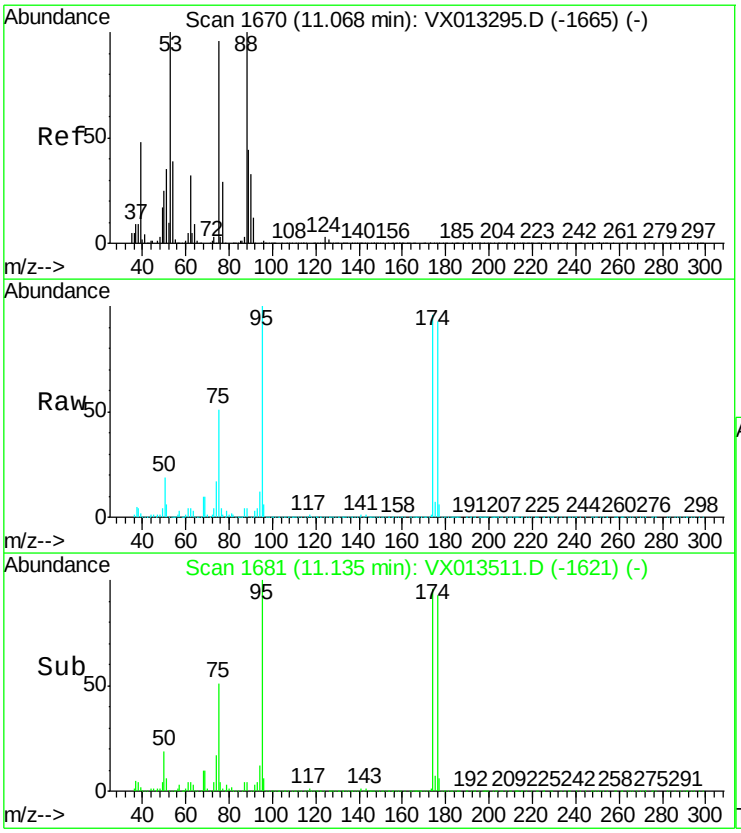
#76
1,2,3-Trichloropropane
Concen: 24.324 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tgt Ion: 75 Resp: 224160

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.610 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion: 75 Resp: 224160

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.6#
89	0.0	36.0	54.0#