Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

Quantitation Report (Not Reviewed)

Data File : VX013900.D
Acq On : 10 Dec 2019 16:00
Operator : JC/SP
Sample : K6185-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D2-20191204

Quant Time: Dec 11 02:26:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	790150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	324564	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.56%			
35) Dibromofluoromethane	5.49	113	269028	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	8.71	98	1044080	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.14%			
62) 4-Bromofluorobenzene	11.13	95	349395	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.16%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2581	0.357	ug/l #	79
5) Bromomethane	1.64	94	2004	0.367	ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13476	2.441	ug/l	97
11) Tert butyl alcohol	3.03	59	2969	1.789	ug/l #	76
12) 1,1-Dichloroethene	2.36	96	2185	0.396	ug/l #	77
13) Acrolein	2.27	56	335	6.298	ug/l #	1
14) Allyl chloride	2.70	41	2355	0.235	ug/l #	86
15) Acrylonitrile	3.14	53	7364	2.150	ug/l	98
16) Acetone	2.43	43	9626	2.900	ug/l	95
18) Methyl Acetate	2.59	43	25470	2.756	ug/l #	55
20) Methylene Chloride	2.86	84	1957	0.307	ug/l #	44
24) 1,1-Dichloroethane	3.69	63	3302	0.314	ug/l #	80
27) cis-1,2-Dichloroethene	4.59	96	4744	0.688	ug/l	81
30) Chloroform	5.21	83	5250	0.492	ug/l #	81
36) 1,1-Dichloropropene	5.65	75	39404	4.864	ug/l #	52
38) Carbon Tetrachloride	5.79	117	2814	0.377	ug/l #	45
39) Methylcyclohexane	7.20	83	32979	3.293	ug/l #	1
44) Trichloroethene	7.21	130	2972355	438.964	ug/l	97
49) 1,4-Dioxane	7.73	88	272	1.672	ug/l #	9
55) 1,1,2-Trichloroethane	9.21	97	1756	0.284	ug/l #	88
64) Tetrachloroethene	9.33	164	4224	0.717	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	169212	22.092	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	169212	60.440	ug/l #	11

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

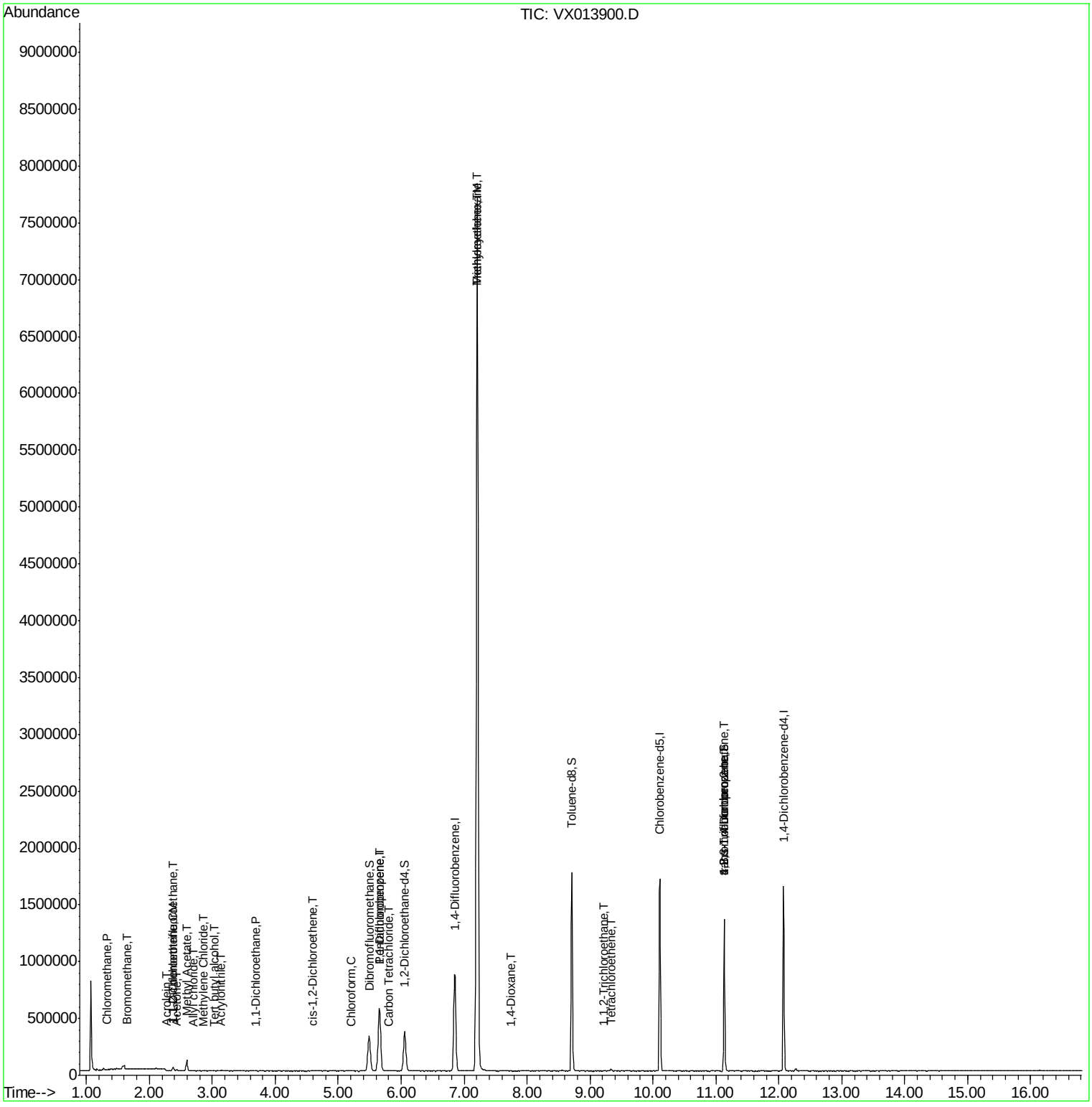
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

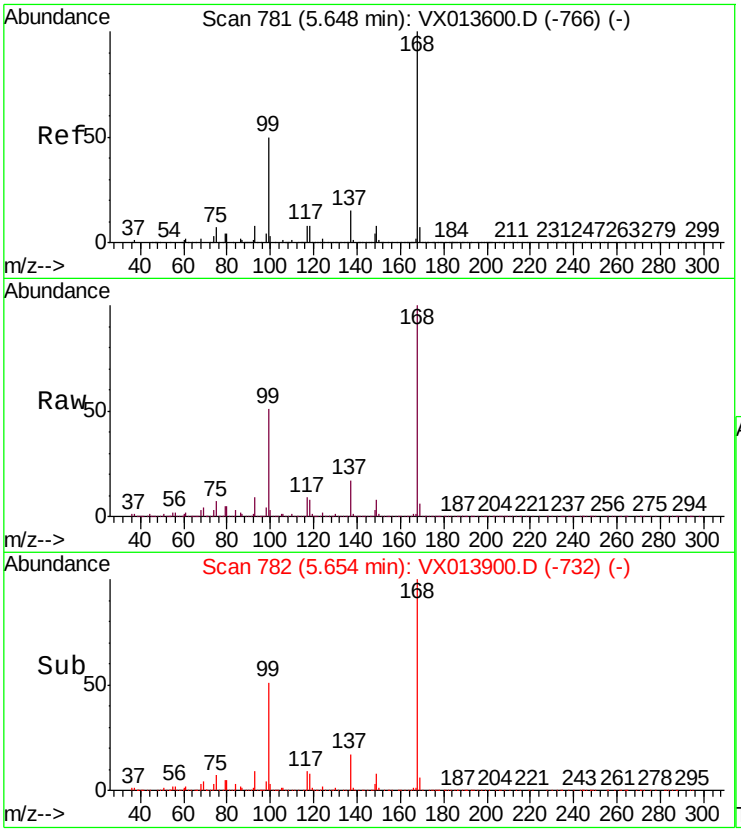
Quantitation Report (Not Reviewed)

Data File : VX013900.D
Acq On : 10 Dec 2019 16:00
Operator : JC/SP
Sample : K6185-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Quant Time: Dec 11 02:26:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



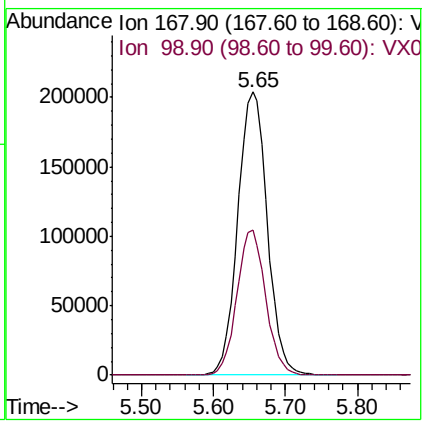


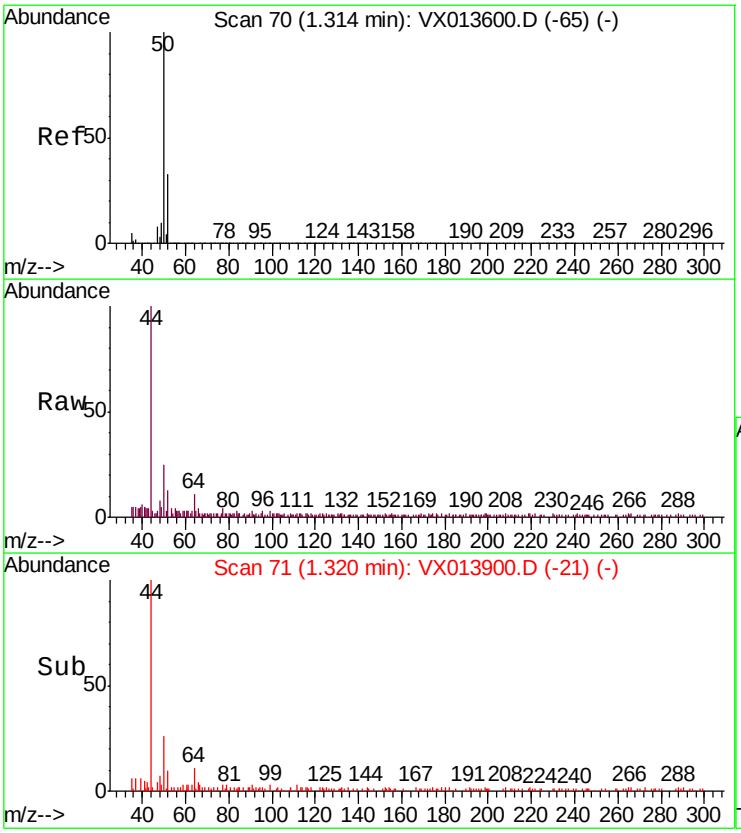
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion:168 Resp: 579155

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.8	59.8

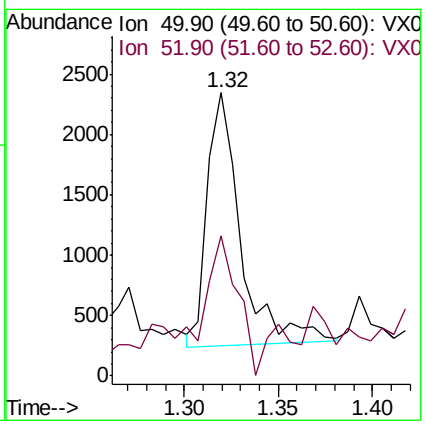


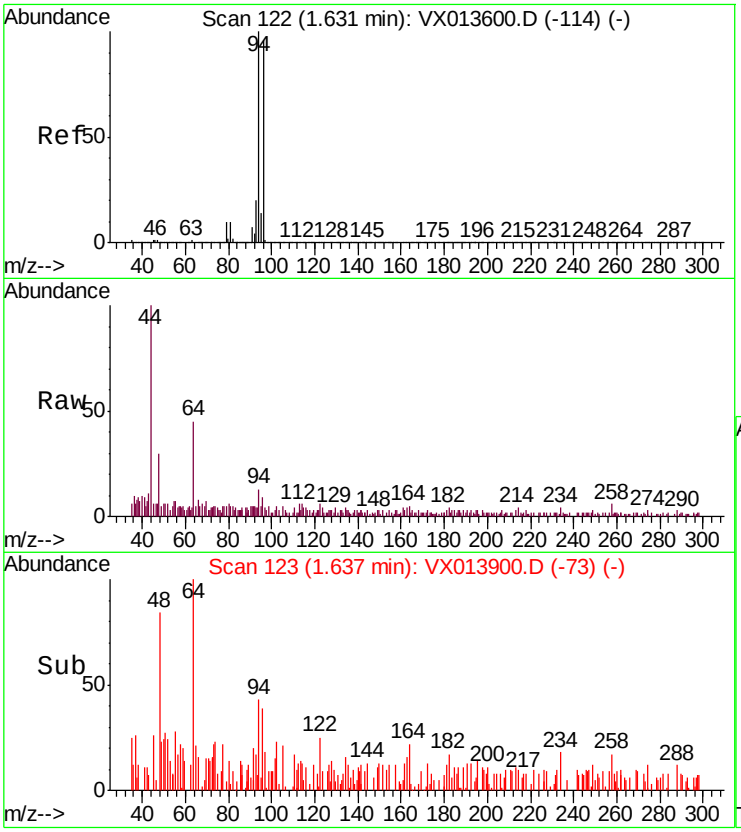


#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 50 Resp: 2581

Ion	Ratio	Lower	Upper
50	100		
52	44.3	26.0	39.0#



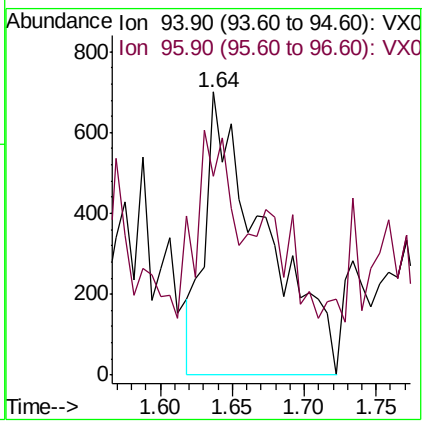


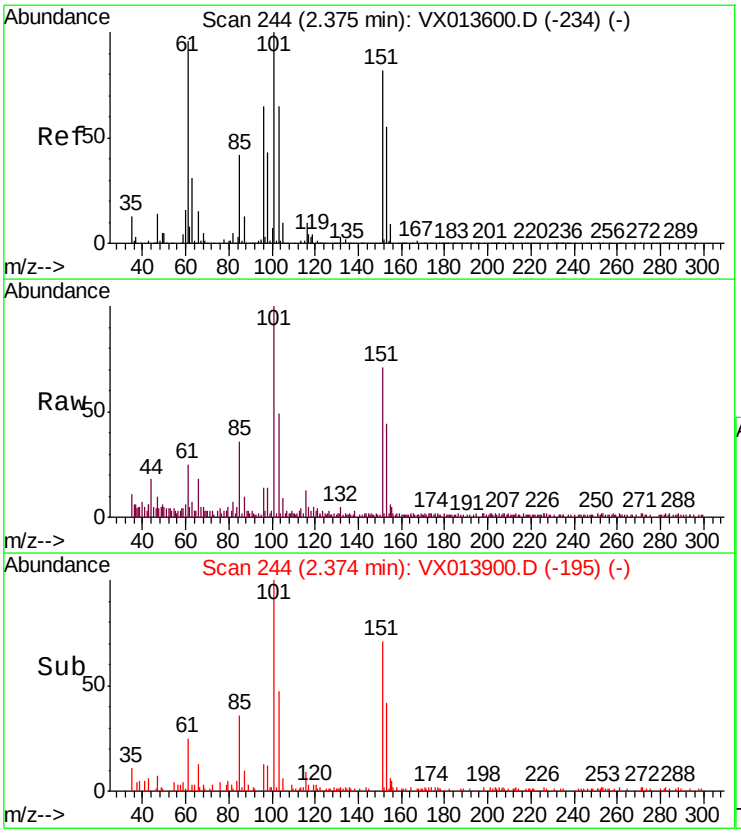
#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 94 Resp: 2004

Ion	Ratio	Lower	Upper
94	100		
96	43.1	77.0	115.4#

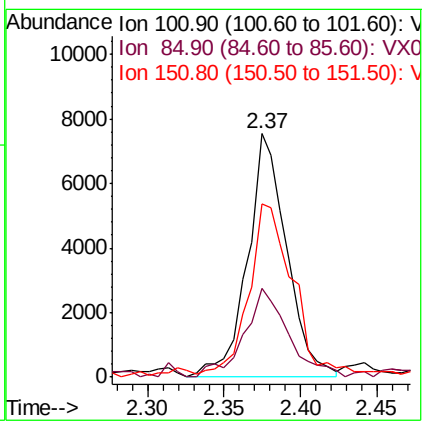


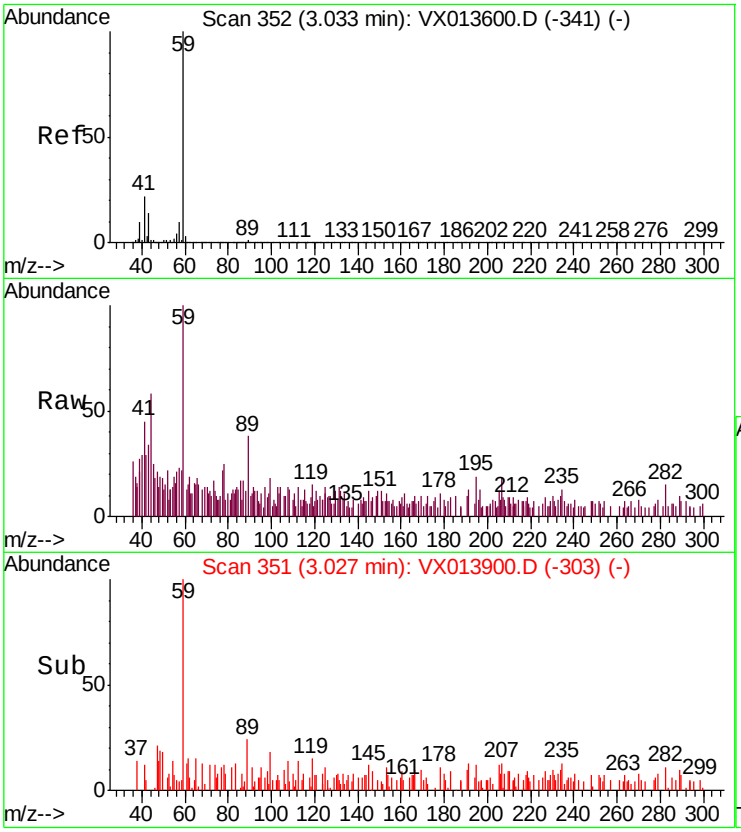


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.441 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion:101 Resp: 13476

Ion	Ratio	Lower	Upper
101	100		
85	40.7	33.9	50.9
151	77.8	64.2	96.2



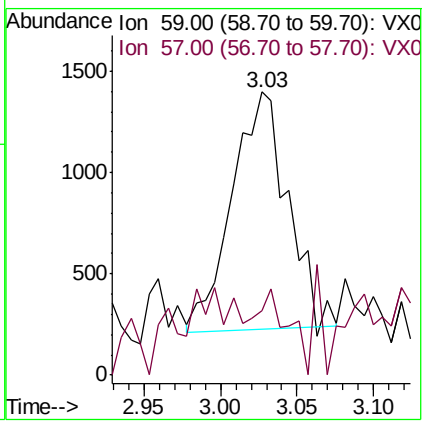


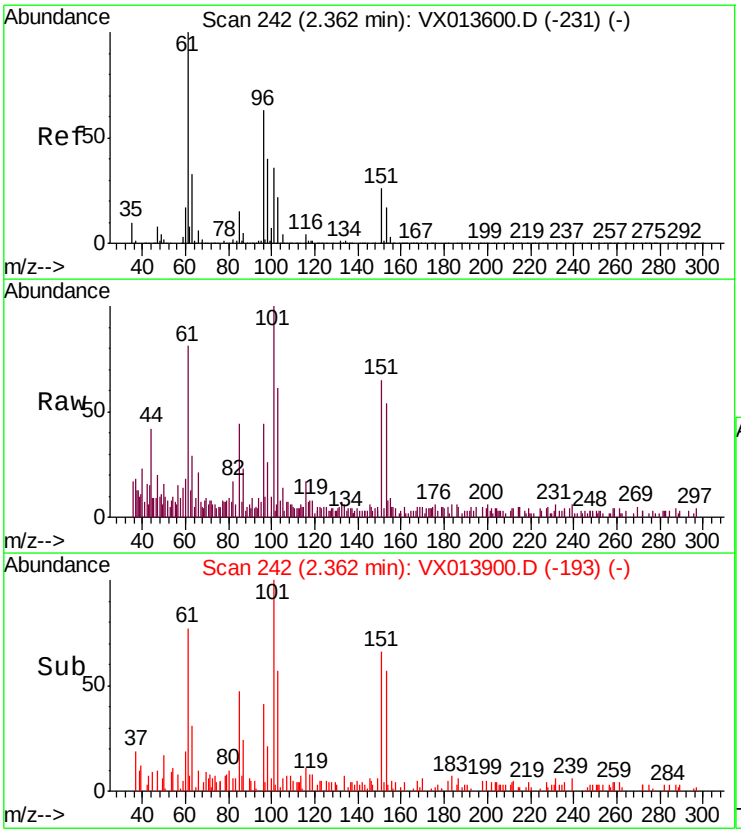
#11
Tert butyl alcohol
Concen: 1.789 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 59 Resp: 2969

Ion	Ratio	Lower	Upper
59	100		
57	18.4	7.8	11.6#

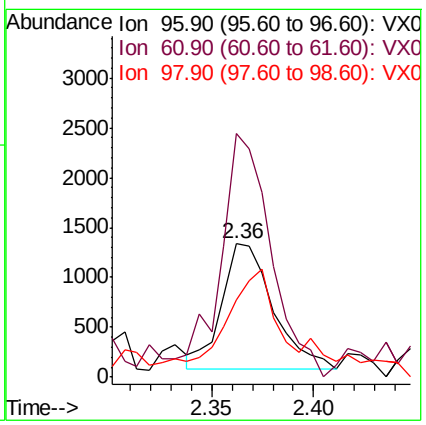


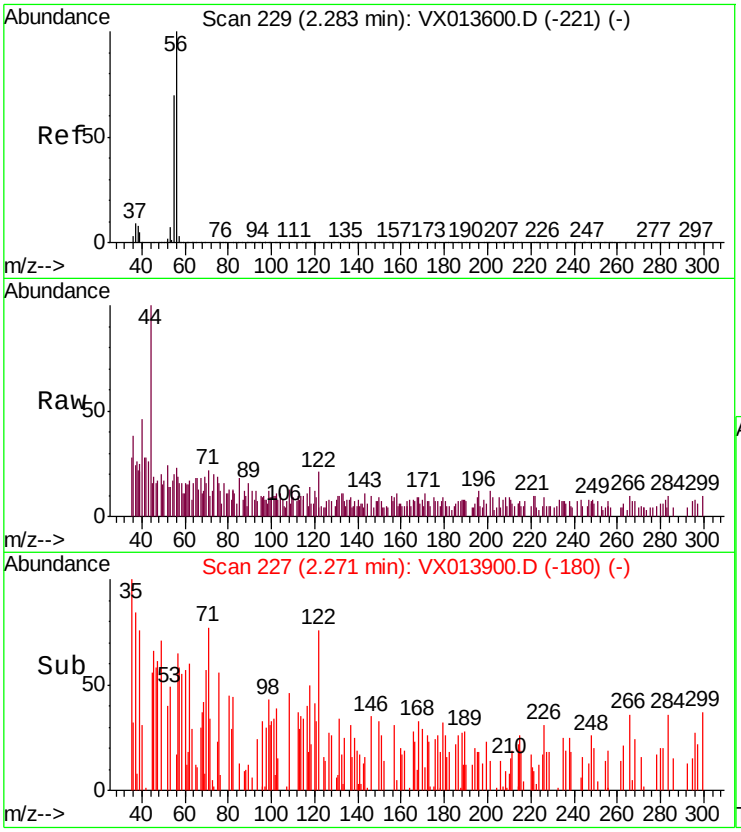


#12
1,1-Dichloroethene
Concen: 0.396 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 96 Resp: 2185

Ion	Ratio	Lower	Upper
96	100		
61	185.8	126.6	190.0
98	42.2	50.6	76.0#



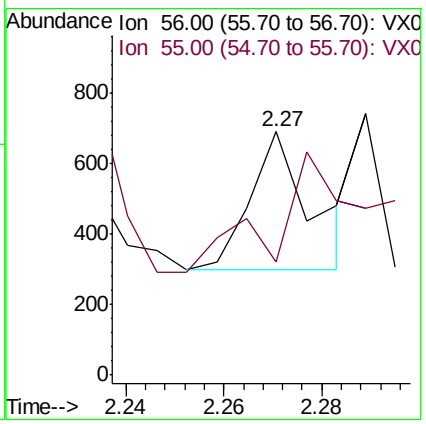


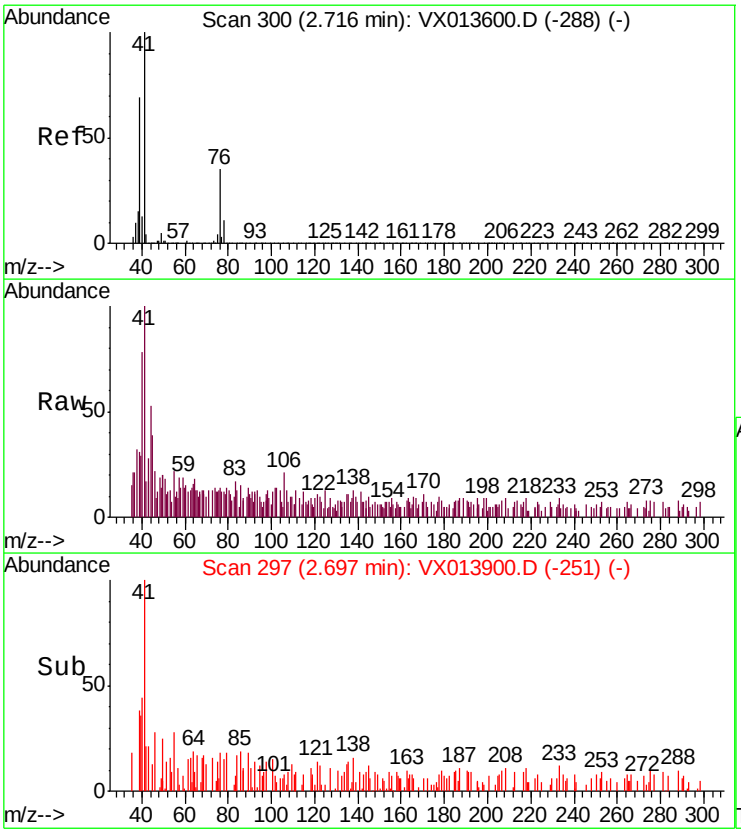
#13
Acrolein
Concen: 6.298 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 56 Resp: 335

Ion	Ratio	Lower	Upper
56	100		
55	155.5	56.2	84.4#

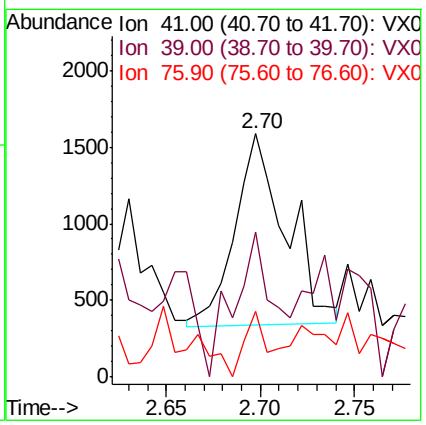


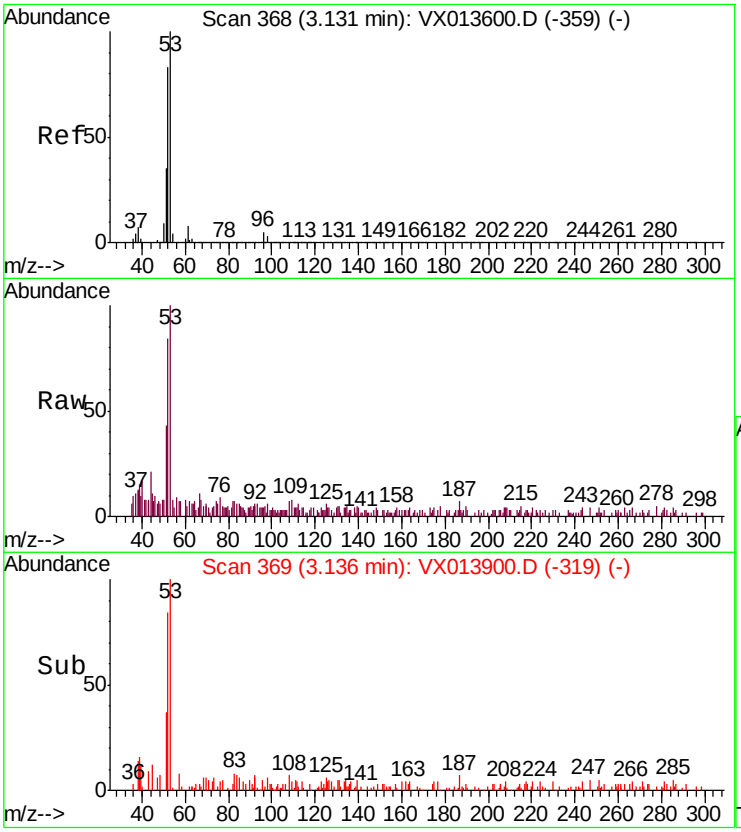


#14
Allyl chloride
Concen: 0.235 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.02 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 41 Resp: 2355

Ion	Ratio	Lower	Upper
41	100		
39	59.4	51.7	77.5
76	15.6	25.9	38.9#



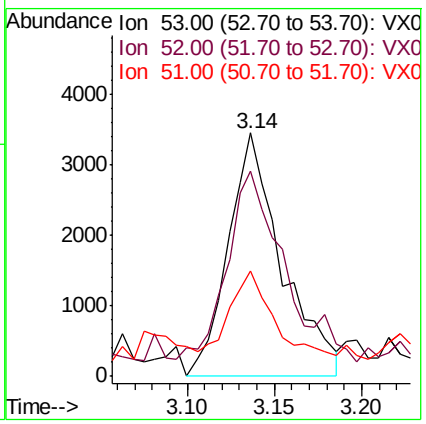


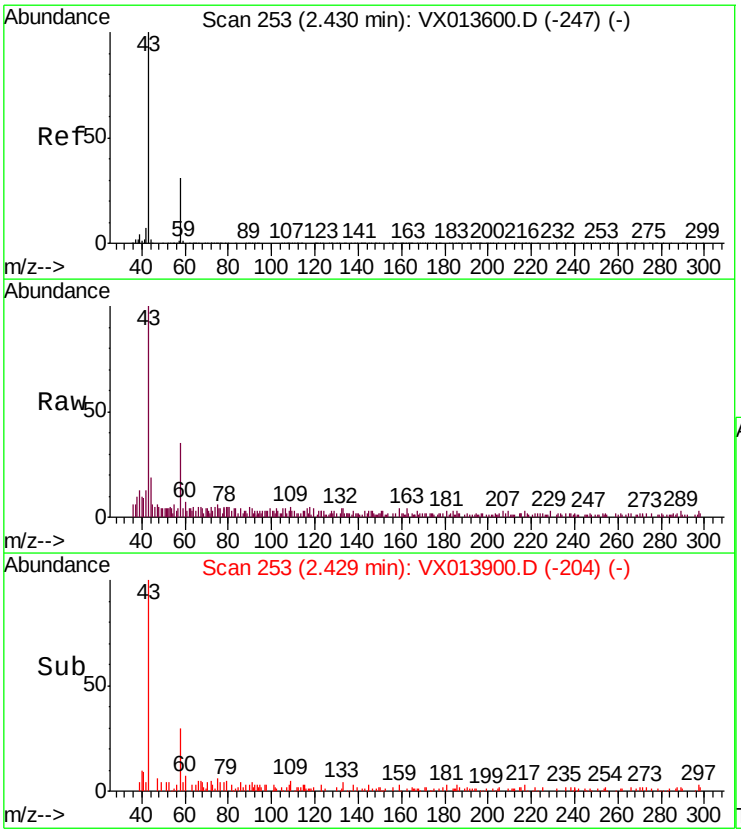
#15
Acrylonitrile
Concen: 2.150 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 53 Resp: 7364

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.2
51	33.1	29.0	43.6

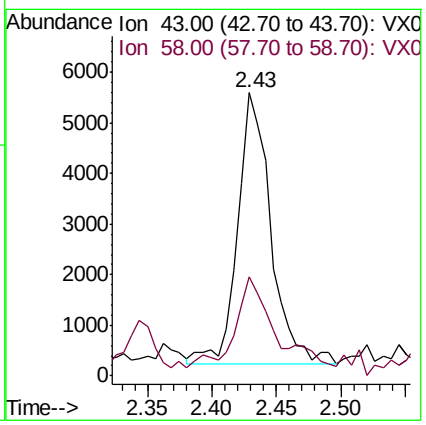


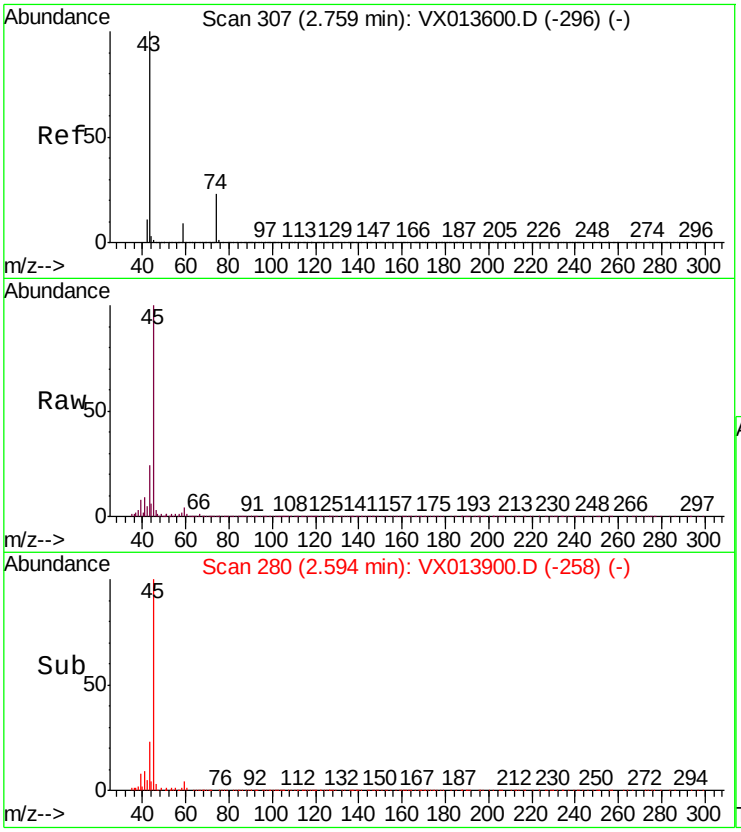


#16
Acetone
Concen: 2.900 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 43 Resp: 9626

Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.6	36.8



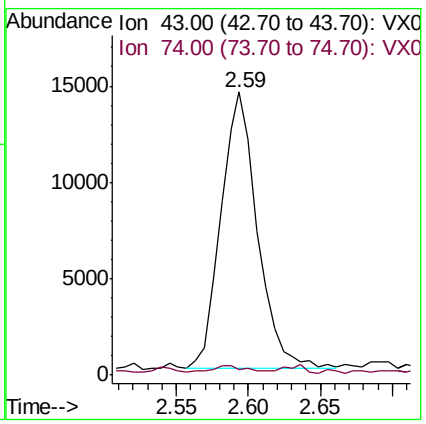


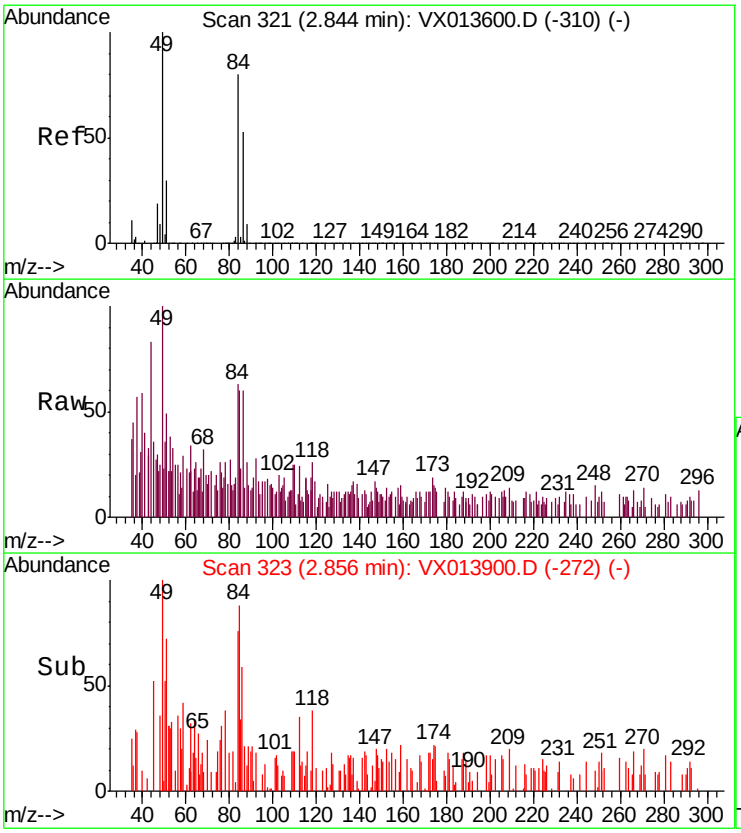
#18
Methyl Acetate
Concen: 2.756 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 43 Resp: 25470

Ion	Ratio	Lower	Upper
43	100		
74	2.0	19.5	29.3#

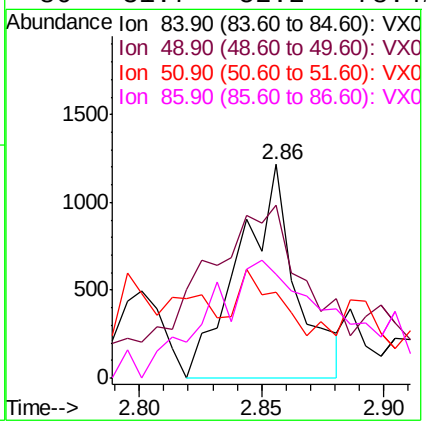


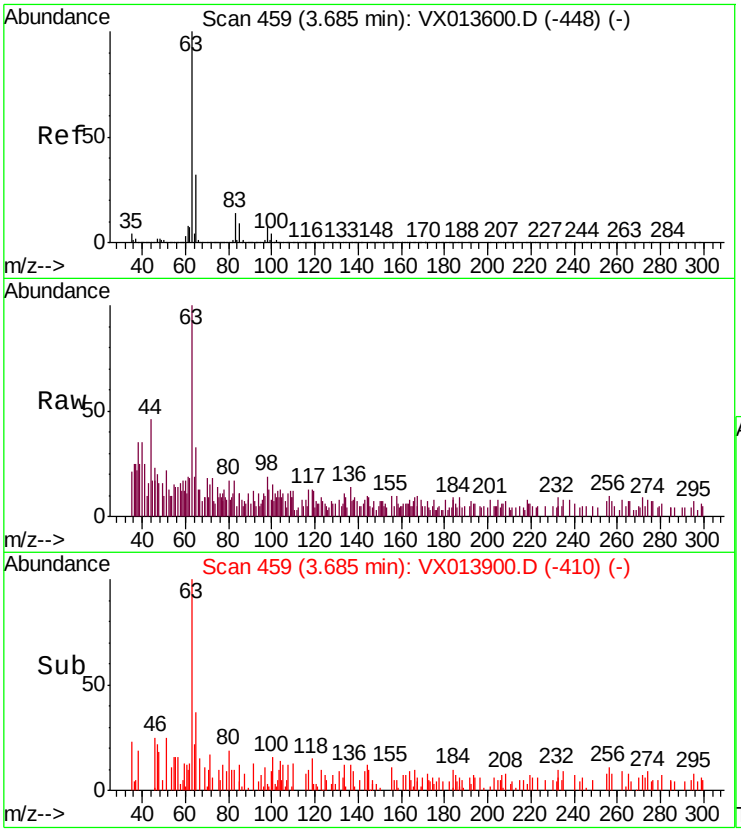


#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 84 Resp: 1957

Ion	Ratio	Lower	Upper
84	100		
49	43.8	99.7	149.5#
51	20.2	29.9	44.9#
86	31.7	52.2	78.4#



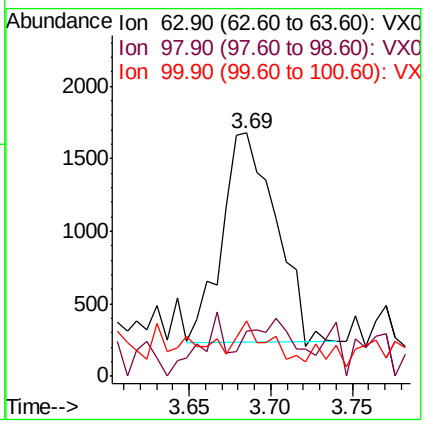


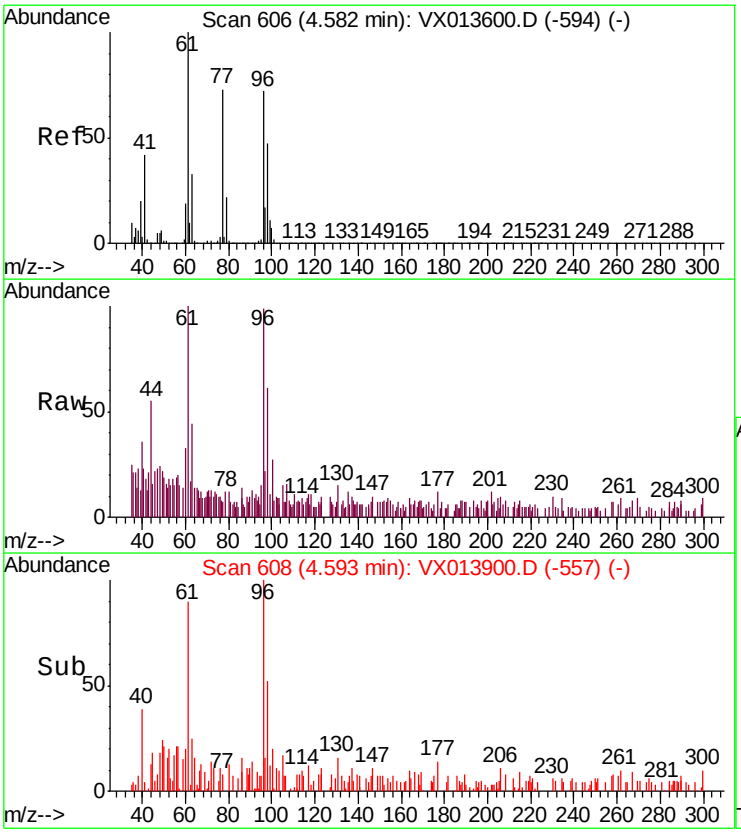
#24
1,1-Dichloroethane
Concen: 0.314 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 63 Resp: 3302

Ion	Ratio	Lower	Upper
63	100		
98	13.3	3.5	10.4#
100	11.5	2.1	6.3#

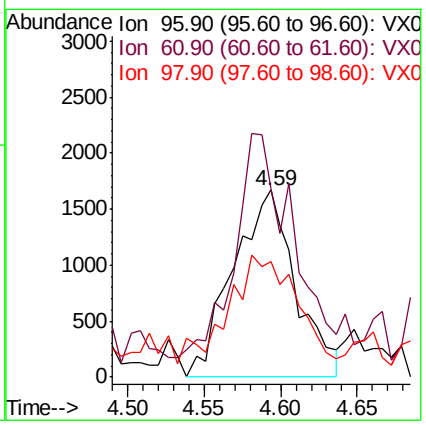


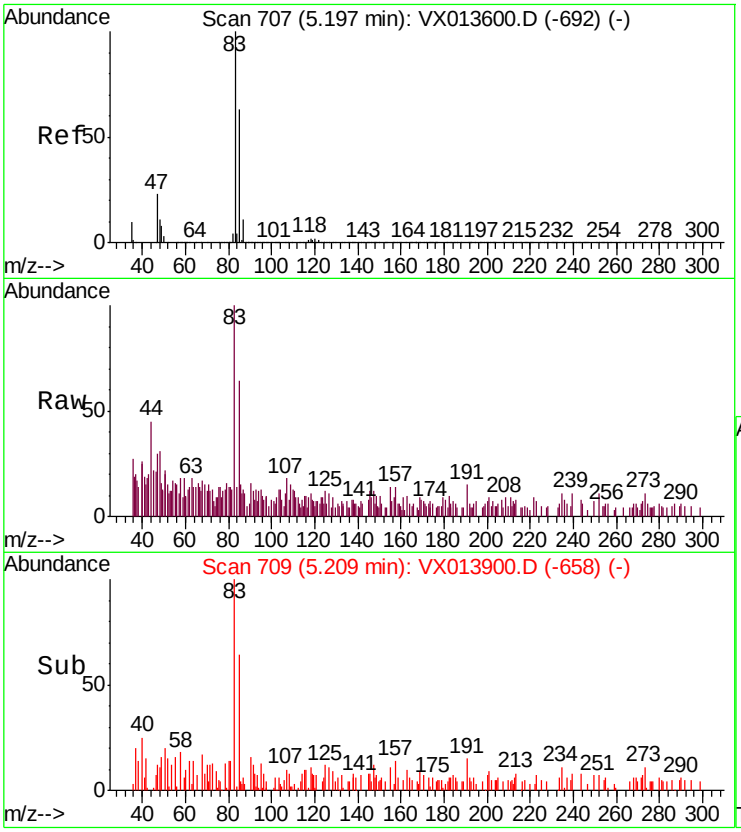


#27
cis-1,2-Dichloroethene
Concen: 0.688 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 96 Resp: 4744

Ion	Ratio	Lower	Upper
96	100		
61	111.3	0.0	286.4
98	67.0	0.0	127.4



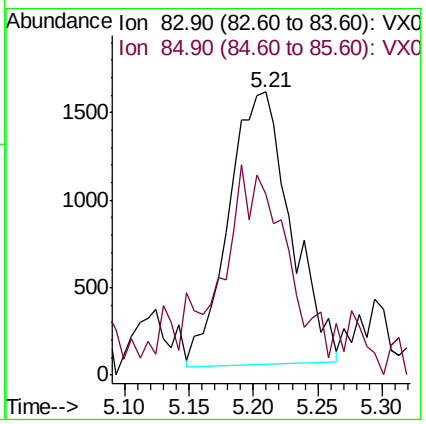


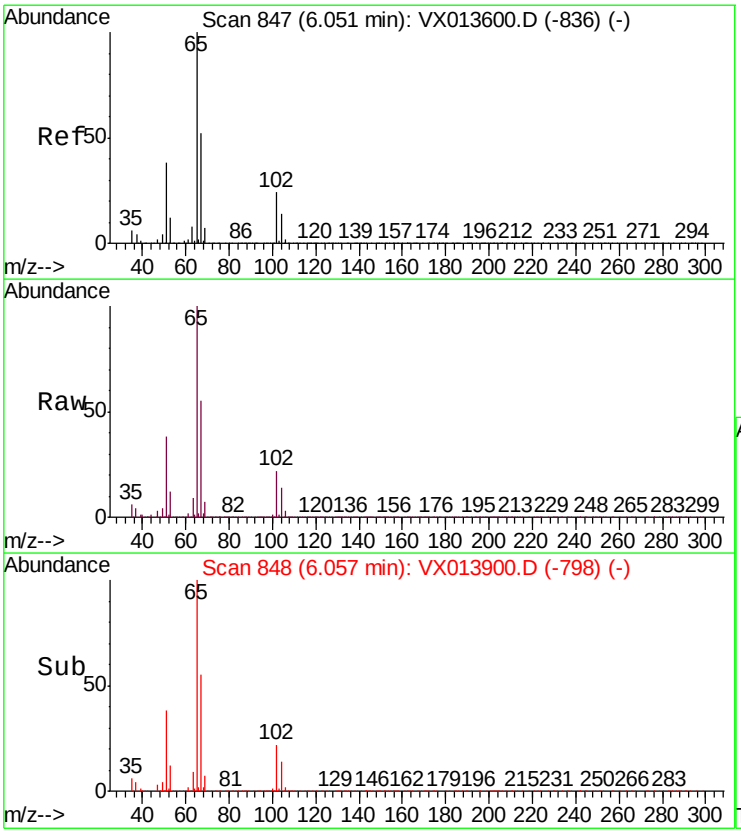
#30
Chloroform
Concen: 0.492 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 83 Resp: 5250

Ion	Ratio	Lower	Upper
83	100		
85	48.5	50.2	75.4#

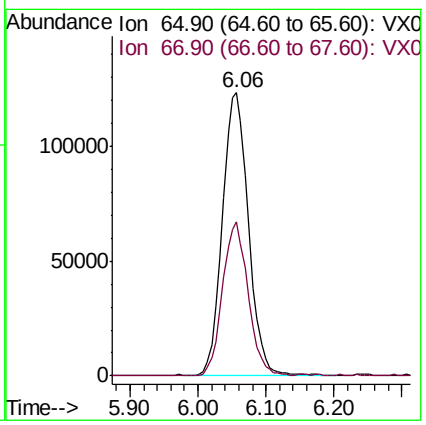


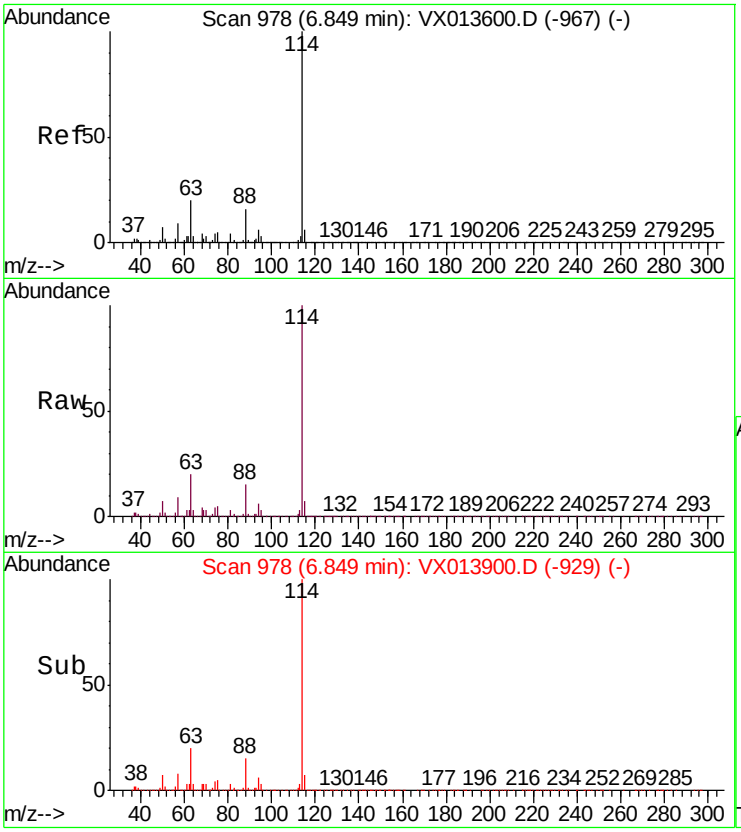


#33
1,2-Dichloroethane-d4
Concen: 48.279 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 65 Resp: 324564

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4



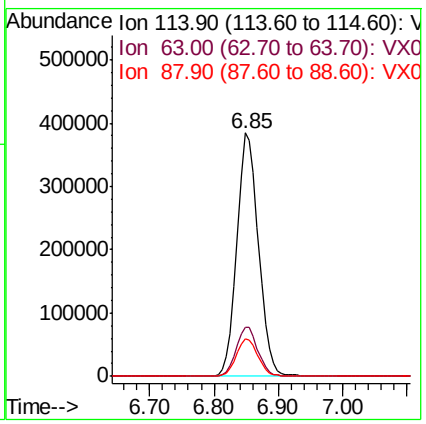


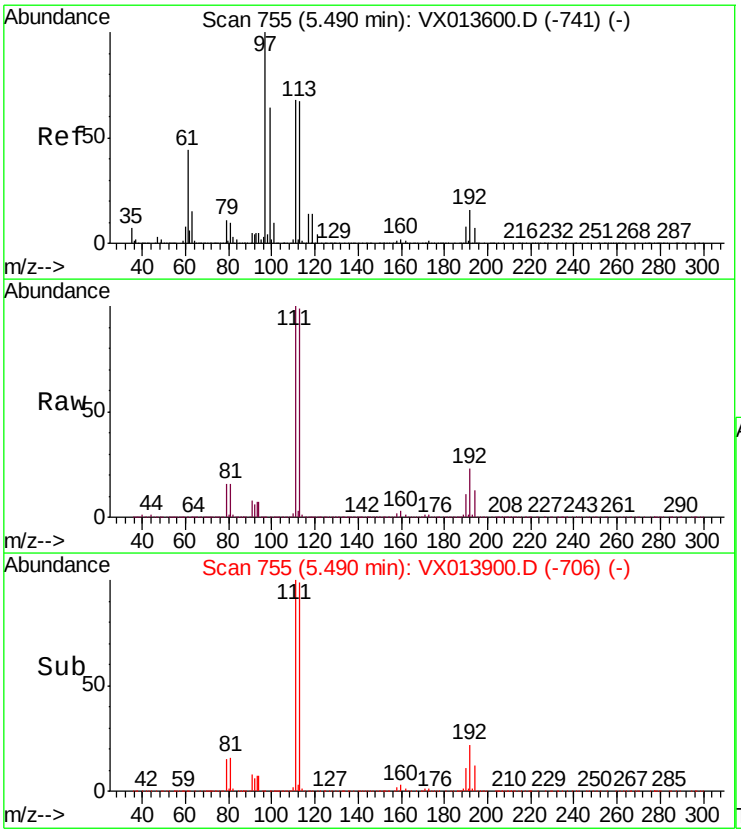
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion:114 Resp: 892410

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.2	0.0	31.4

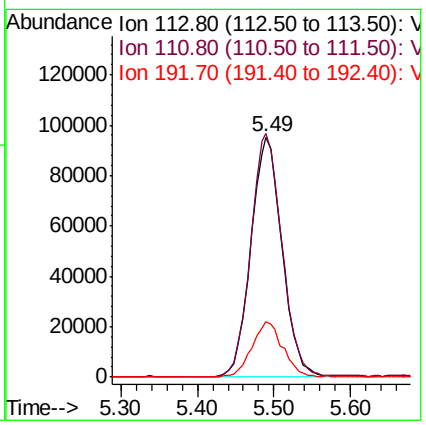


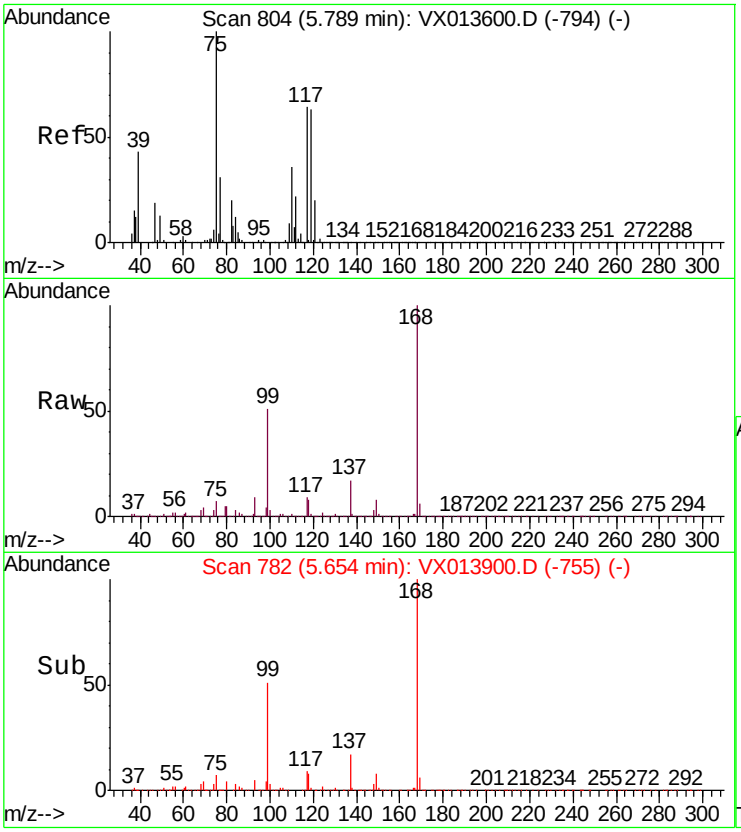


#35
Dibromofluoromethane
Concen: 48.764 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion:113 Resp: 269028

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.6	125.4
192	23.1	19.2	28.8



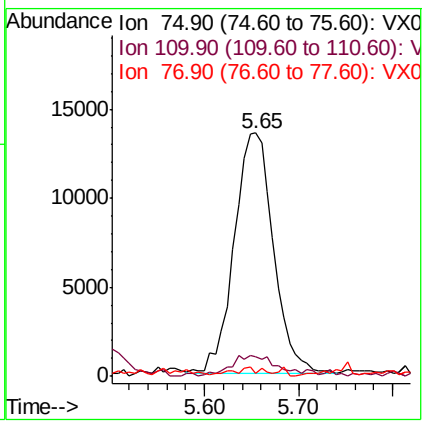


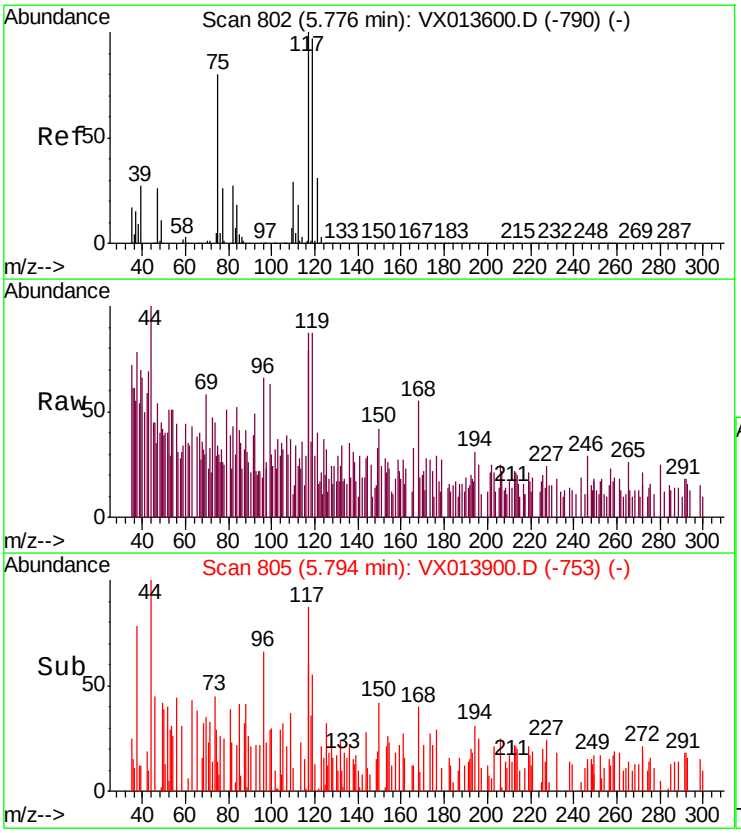
#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument : MSVOA_X
ClientSampleId : RE103D2-20191204

Tgt Ion: 75 Resp: 39404

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	1.6	24.5	36.7#

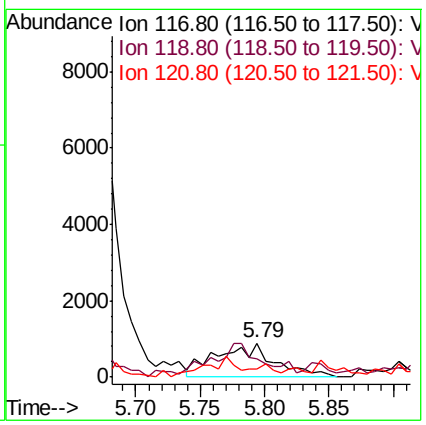


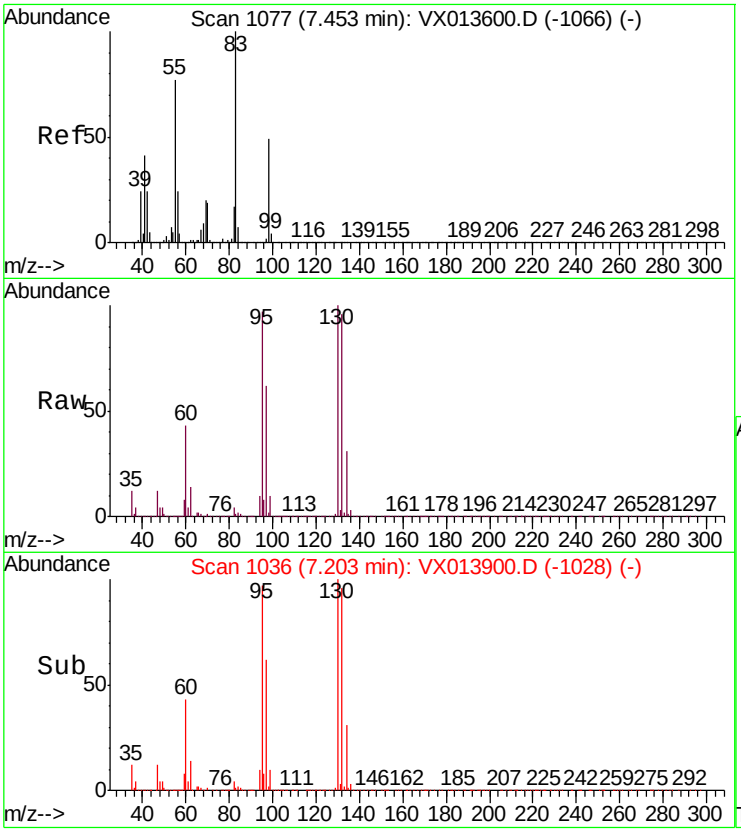


#38
Carbon Tetrachloride
Concen: 0.377 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.02 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion:117 Resp: 2814

Ion	Ratio	Lower	Upper
117	100		
119	40.0	77.5	116.3#
121	7.1	25.0	37.6#



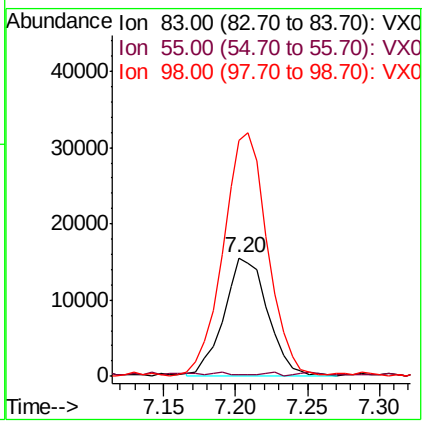


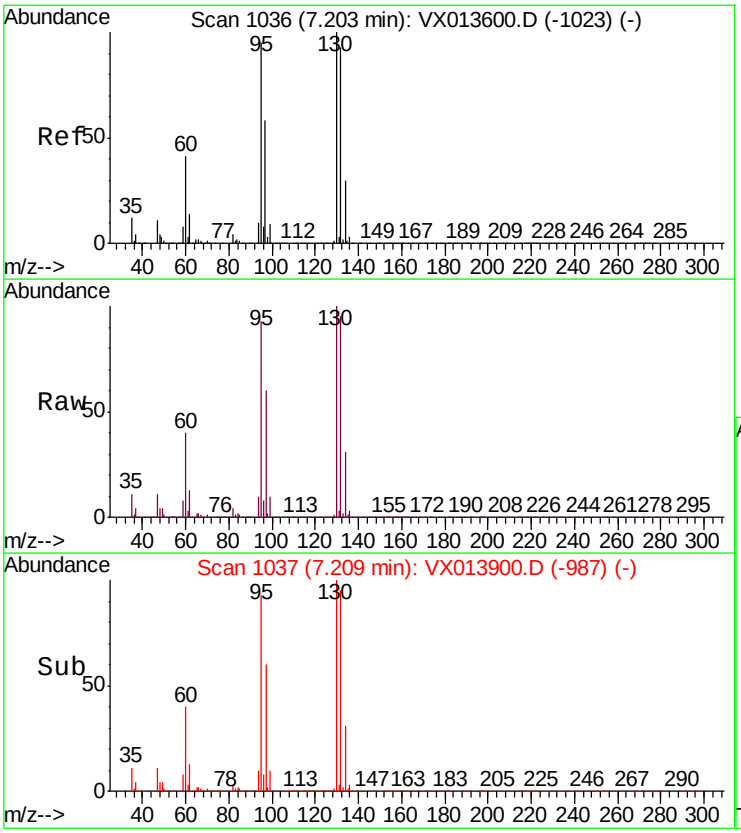
#39
Methylcyclohexane
Concen: 3.293 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.25 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 83 Resp: 32979

Ion	Ratio	Lower	Upper
83	100		
55	1.2	61.9	92.9#
98	197.4	39.4	59.0#

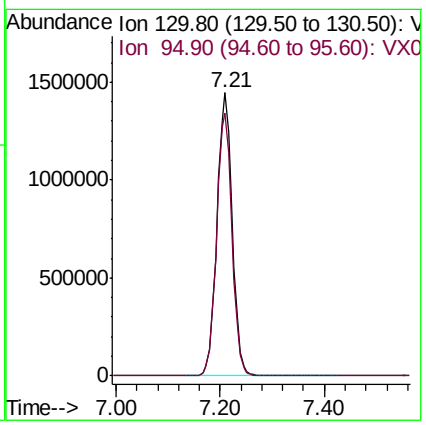


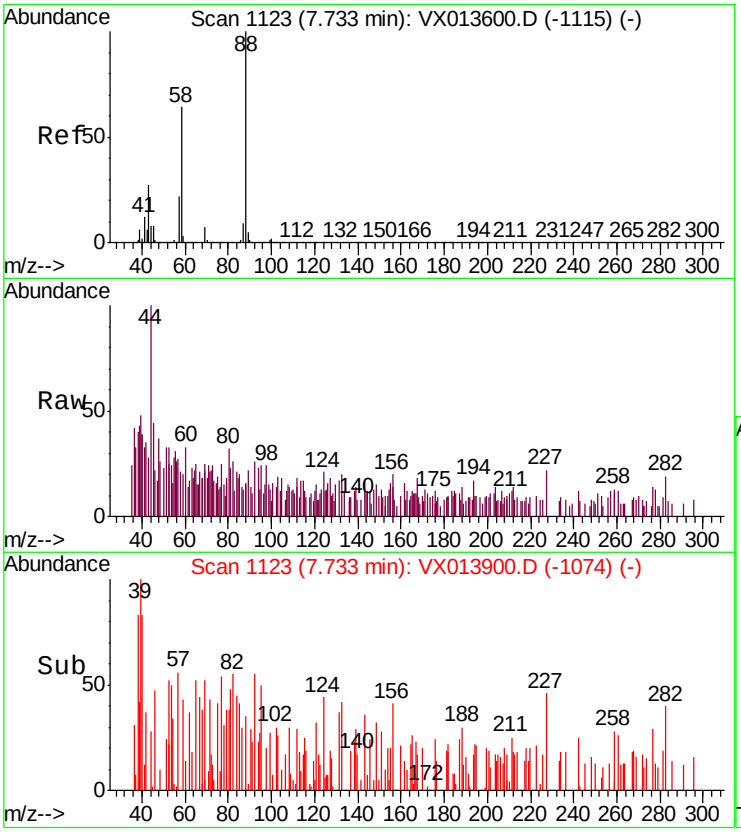


#44
Trichloroethene
Concen: 438.964 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion:130 Resp: 2972355

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8



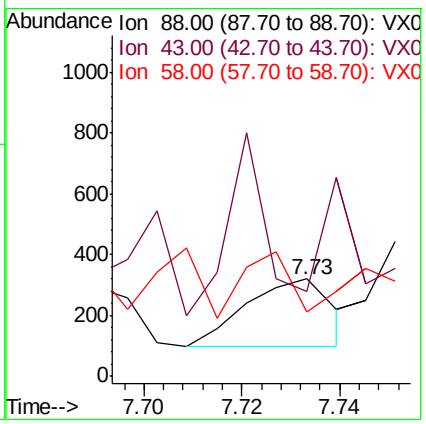


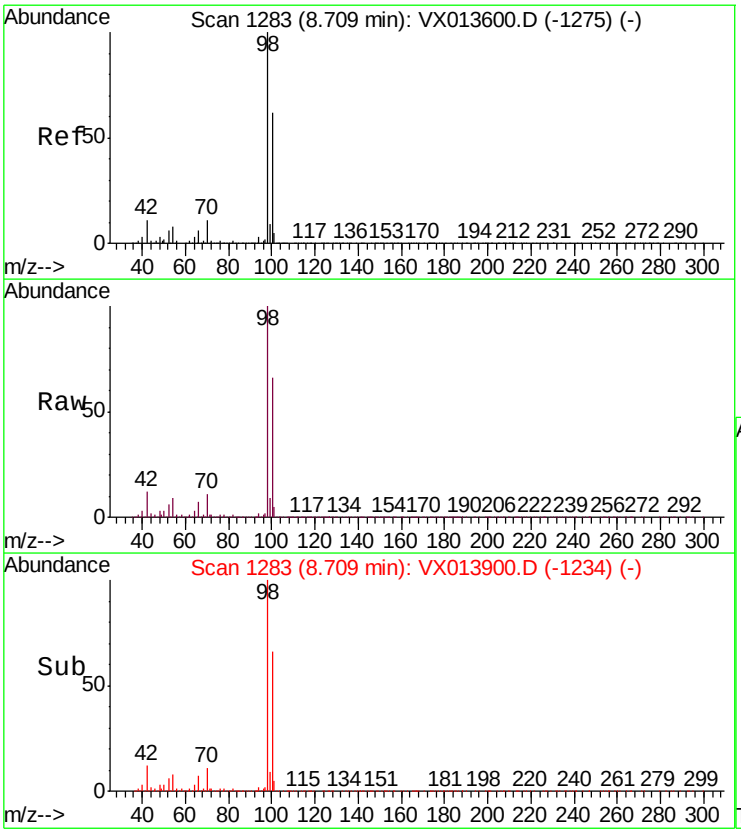
#49
1,4-Dioxane
Concen: 1.672 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 88 Resp: 272

Ion	Ratio	Lower	Upper
88	100		
43	91.2	25.8	38.6#
58	0.0	54.6	82.0#

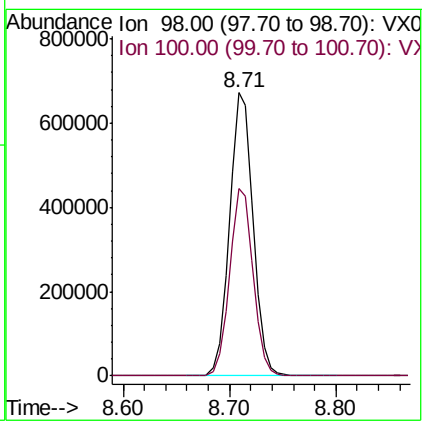


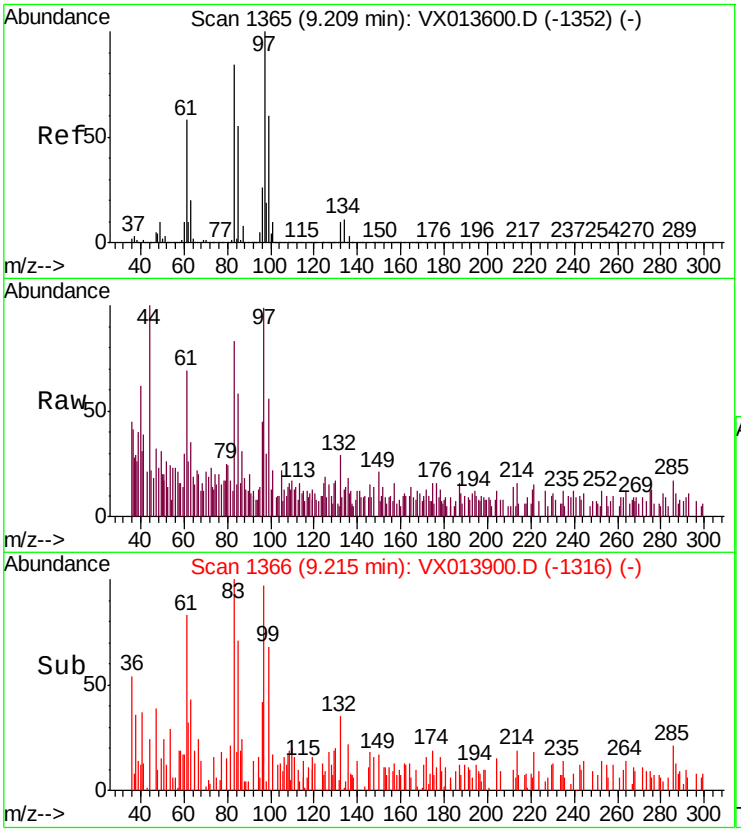


#50
Toluene-d8
Concen: 48.574 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 98 Resp: 1044080

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



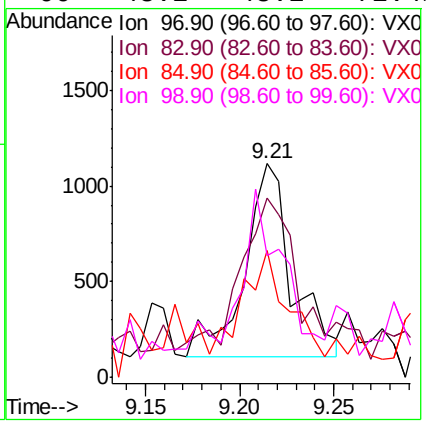


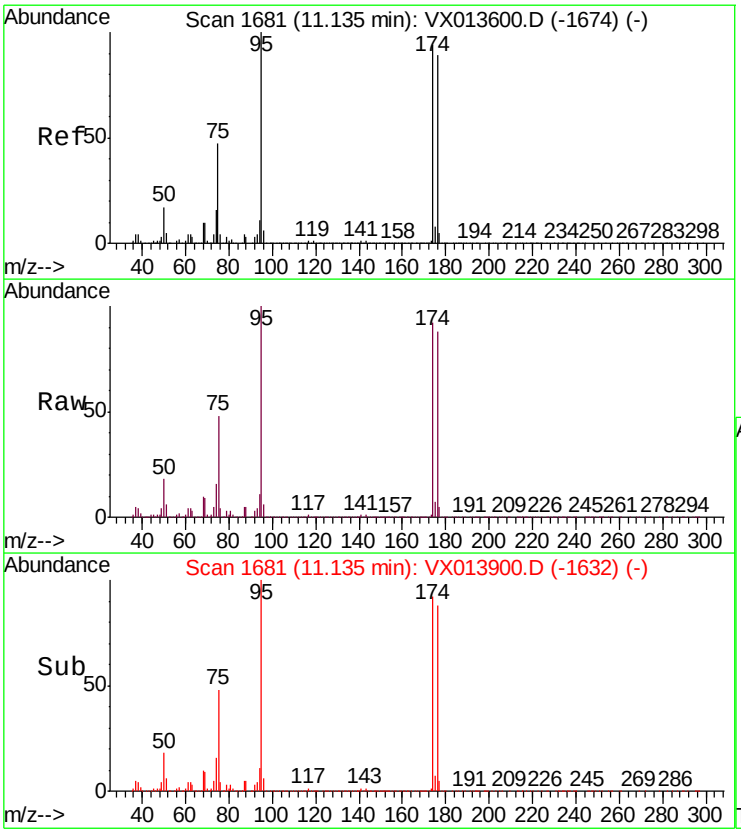
#55
1,1,2-Trichloroethane
Concen: 0.284 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 97 Resp: 1756

Ion	Ratio	Lower	Upper
97	100		
83	74.6	67.3	100.9
85	47.6	43.6	65.4
99	48.2	48.2	72.4#

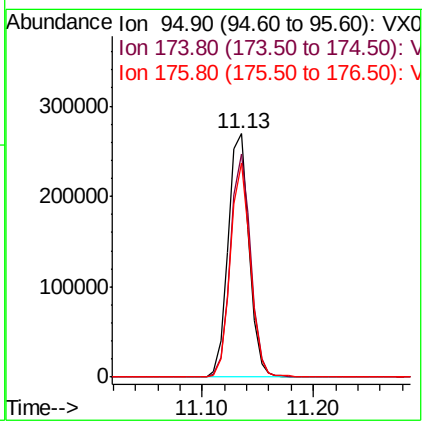


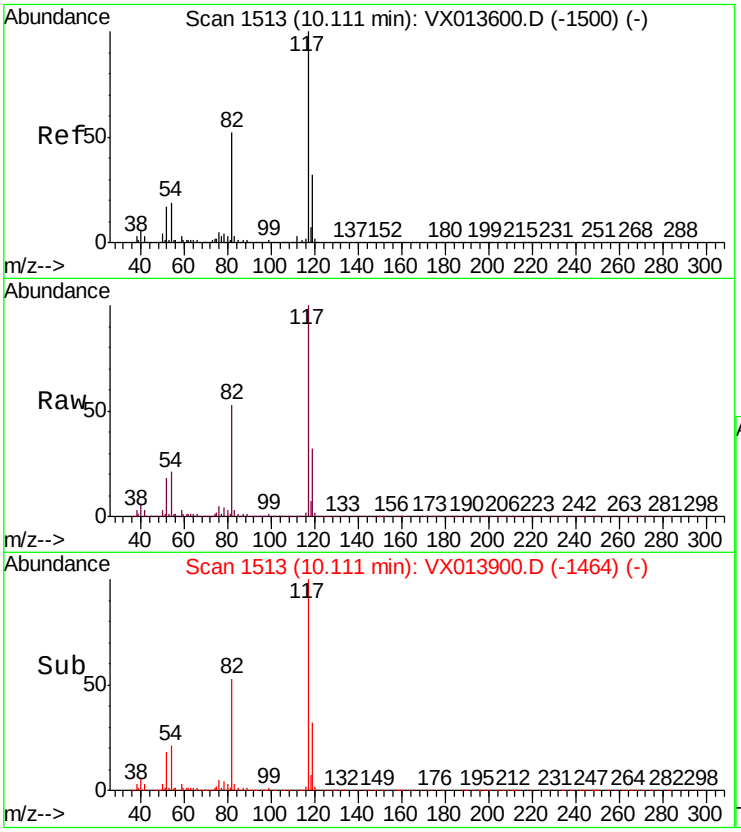


#62
4-Bromofluorobenzene
Concen: 45.077 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 95 Resp: 349395

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	180.0
176	84.9	0.0	173.6



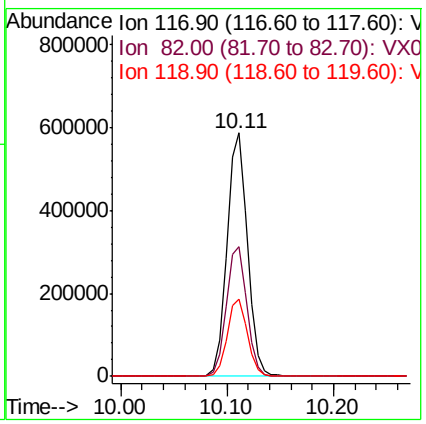


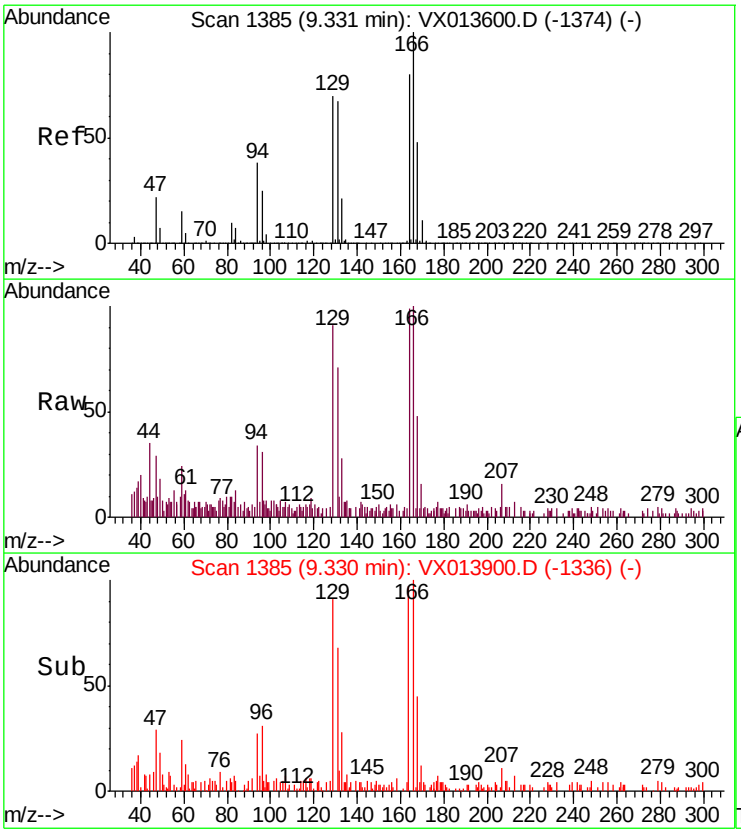
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion:117 Resp: 790150

Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	31.7	25.8	38.8

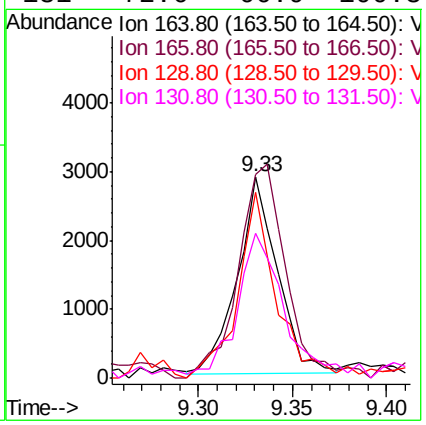


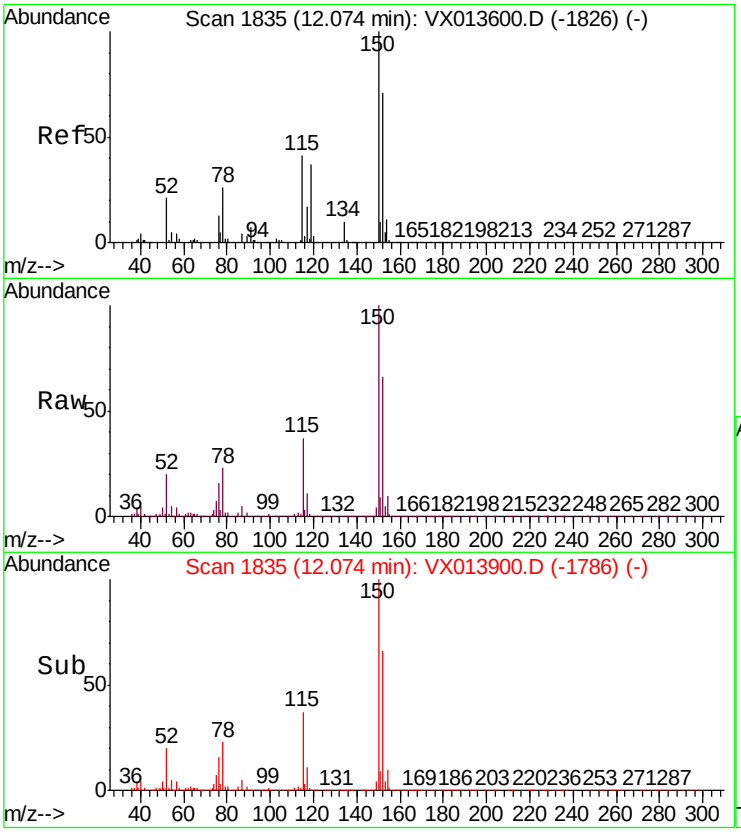


#64
Tetrachloroethene
Concen: 0.717 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion:164 Resp: 4224

Ion	Ratio	Lower	Upper
164	100		
166	104.6	99.7	149.5
129	95.5	70.1	105.1
131	72.6	66.9	100.3



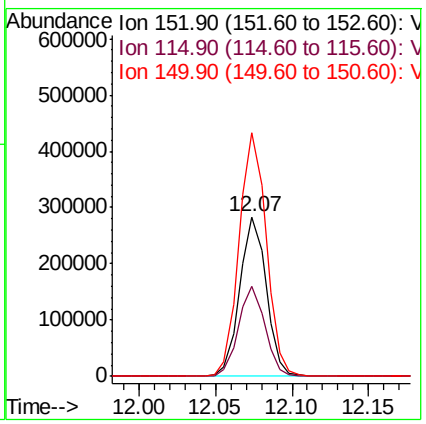


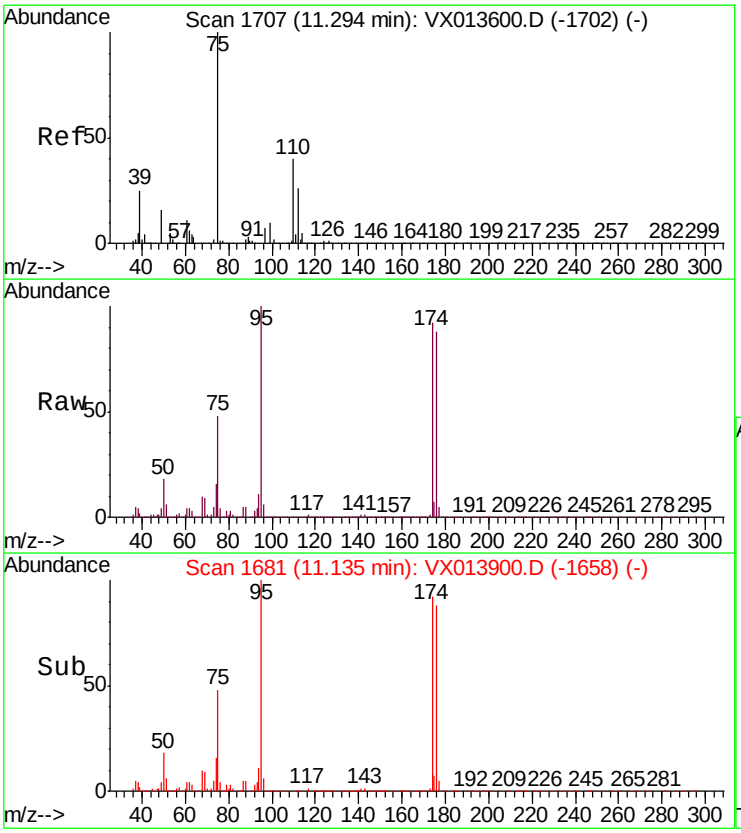
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion:152 Resp: 340540

Ion	Ratio	Lower	Upper
152	100		
115	56.4	38.4	115.1
150	156.9	0.0	346.8

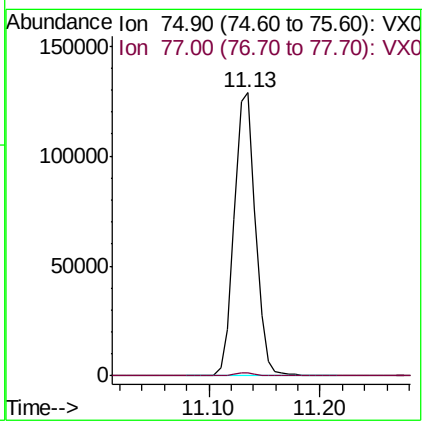


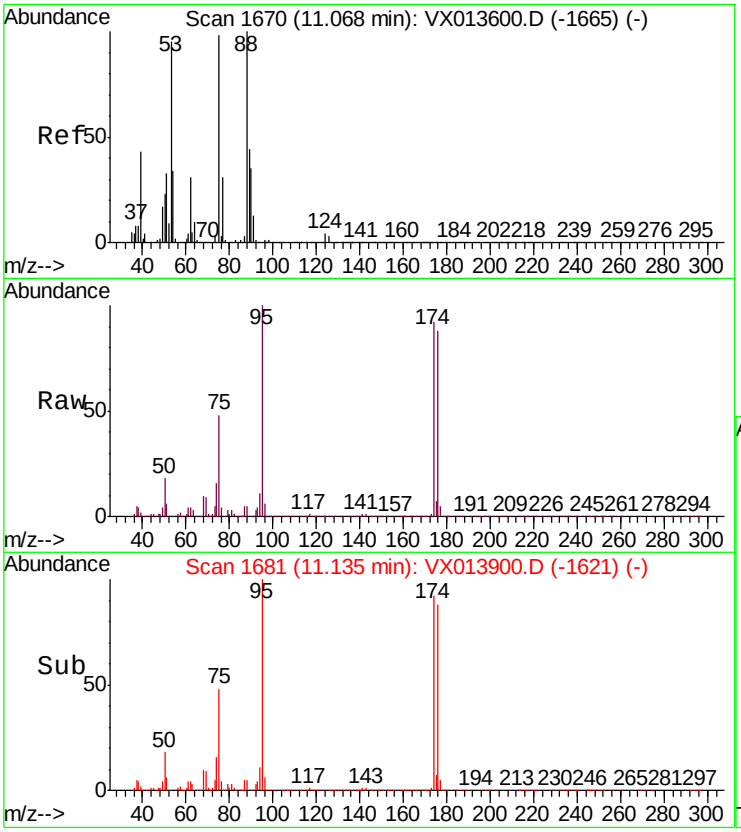


#76
1,2,3-Trichloropropane
Concen: 22.092 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Tgt Ion: 75 Resp: 169212

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.440 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013900.D
Acq: 10 Dec 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20191204

Tgt Ion: 75 Resp: 169212

Ion	Ratio	Lower	Upper
75	100		
53	0.6	78.2	117.2#
89	0.1	35.4	53.2#