Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
Data File : VX013624.D
Acq On : 27 Nov 2019 01:55
Operator : JC/SP
Sample : K5962-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 48BR-20191120

Quant Time: Nov 27 03:48:13 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	638910	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1020169	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	909893	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	406277	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	371715	50.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.24%				
35) Dibromofluoromethane	5.48	113	306358	48.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.16%				
50) Toluene-d8	8.71	98	1209066	49.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.40%				
62) 4-Bromofluorobenzene	11.14	95	405294	45.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.48%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2276	0.285	ug/l	#	81
4) Vinyl Chloride	1.40	62	6953	0.774	ug/l	#	87
5) Bromomethane	1.65	94	1660	0.275	ug/l	#	68
9) 1,1,2-Trichlorotrifluoroet	2.38	101	11930	1.958	ug/l		91
11) Tert butyl alcohol	3.01	59	3569	1.950	ug/l	#	83
12) 1,1-Dichloroethene	2.37	96	33422	5.497	ug/l		91
13) Acrolein	2.26	56	172	6.141	ug/l	#	29
15) Acrylonitrile	3.14	53	1154	0.305	ug/l	#	28
16) Acetone	2.44	43	7805	2.132	ug/l	#	76
21) trans-1,2-Dichloroethene	3.16	96	3631	0.548	ug/l	#	89
24) 1,1-Dichloroethane	3.69	63	12007	1.034	ug/l		94
27) cis-1,2-Dichloroethene	4.59	96	148777	19.558	ug/l		88
32) 1,1,1-Trichloroethane	5.48	97	4302	0.437	ug/l	#	38
36) 1,1-Dichloropropene	5.65	75	42314	4.569	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	56279	6.591	ug/l	#	16
39) Methylcyclohexane	7.21	83	54536	4.764	ug/l	#	1
42) 1,2-Dichloroethane	6.19	62	2462	0.256	ug/l		84
44) Trichloroethene	7.21	130	4929165	636.787	ug/l		99
49) 1,4-Dioxane	7.75	88	239	1.285	ug/l	#	24
76) 1,2,3-Trichloropropane	11.13	75	196945	21.553	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	196945	58.964	ug/l	#	11

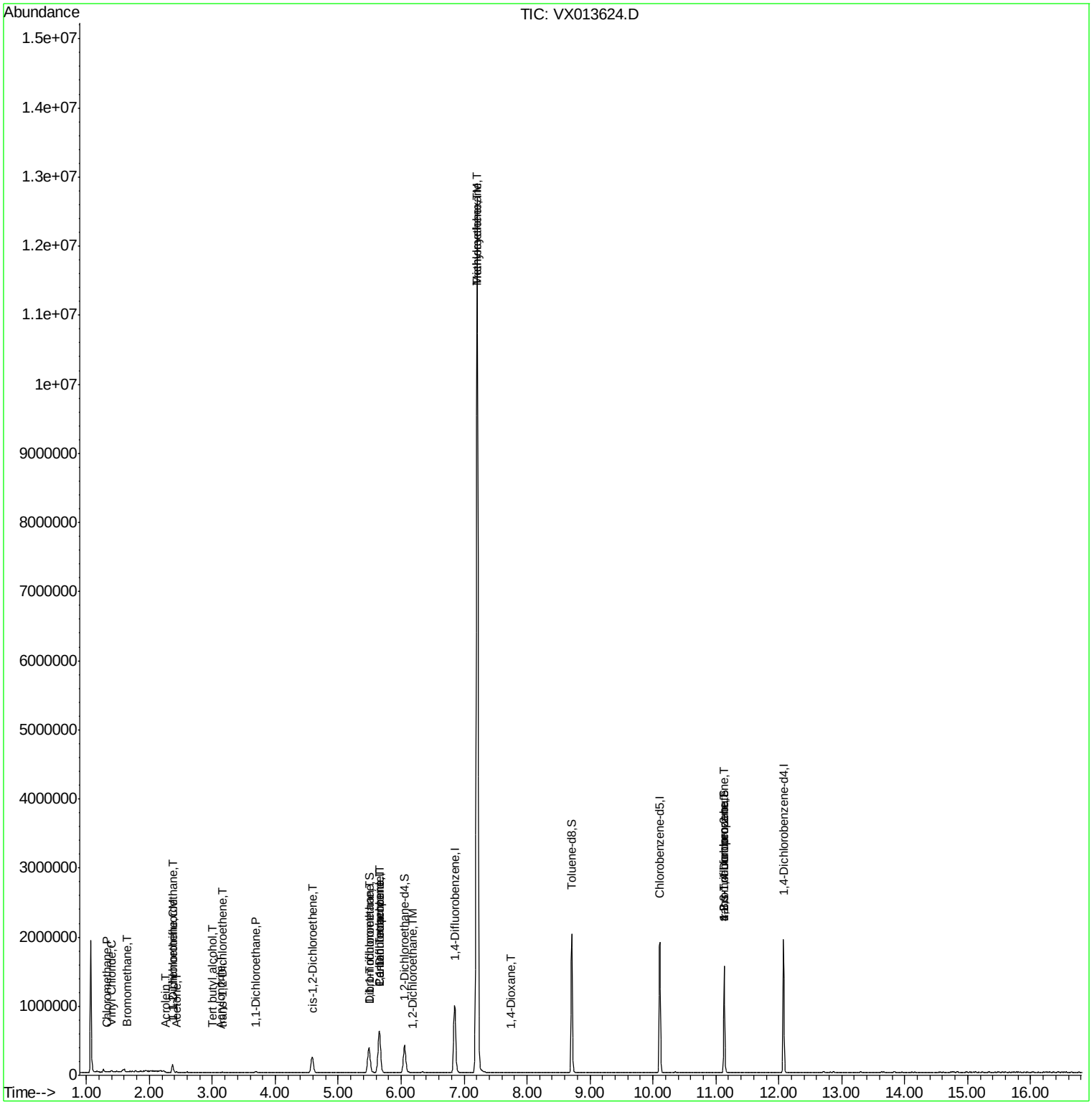
(#) = qualifier out of range (m) = manual integration (+) = signals summed

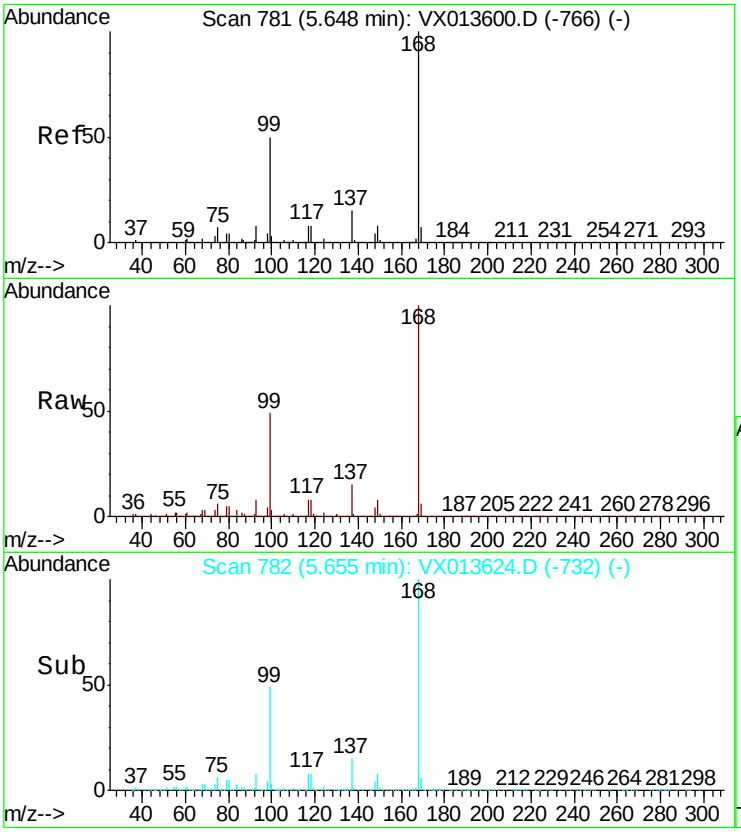
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
Data File : VX013624.D
Acq On : 27 Nov 2019 01:55
Operator : JC/SP
Sample : K5962-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Quant Time: Nov 27 03:48:13 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



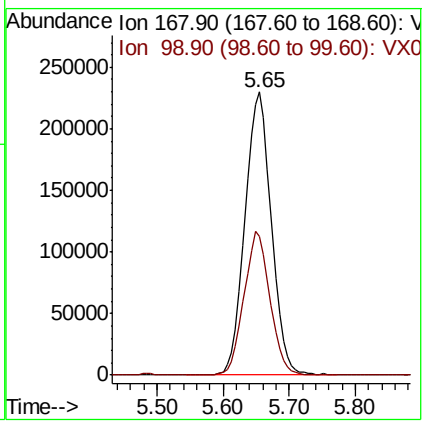


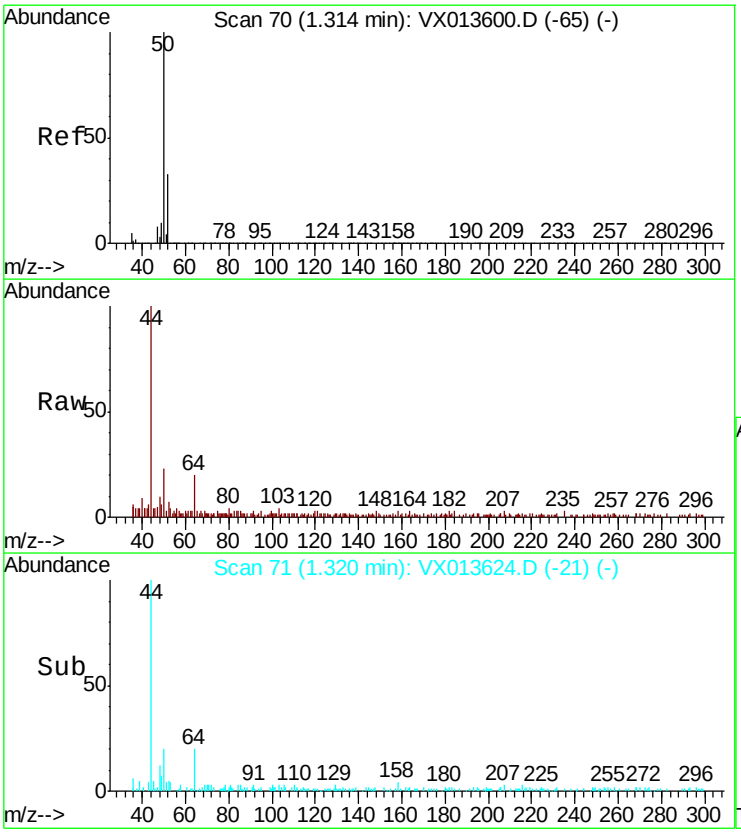
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion:168 Resp: 638910

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.8	59.8

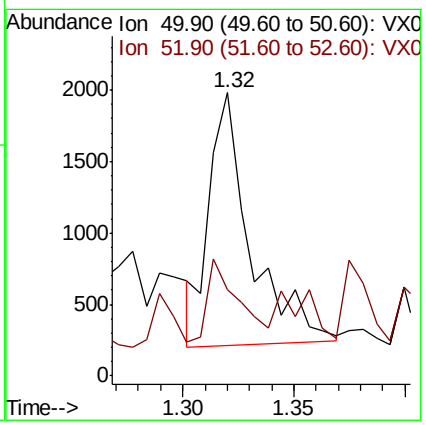


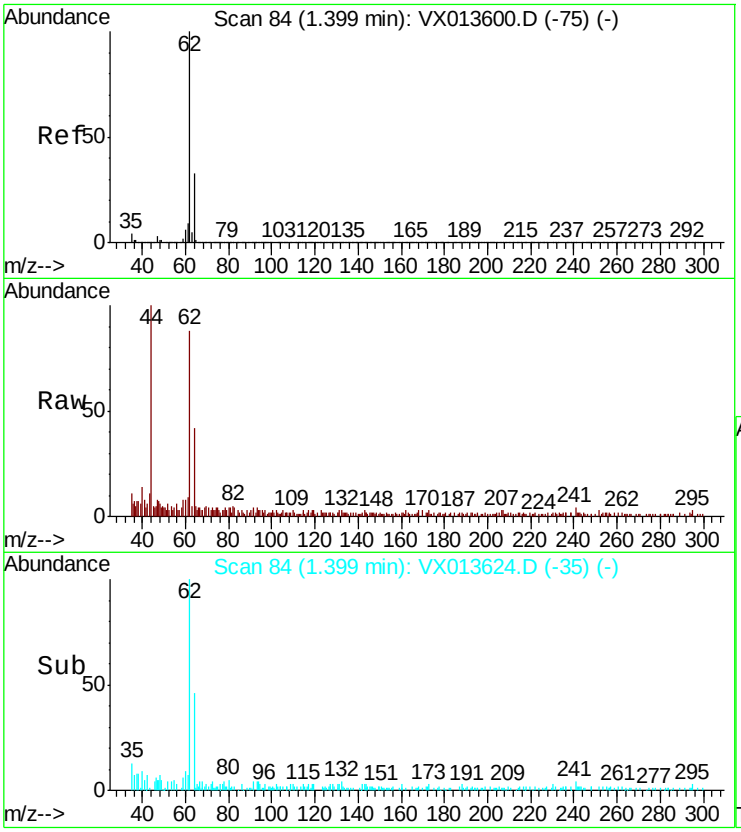


#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 50 Resp: 2276

Ion	Ratio	Lower	Upper
50	100		
52	22.1	26.0	39.0#



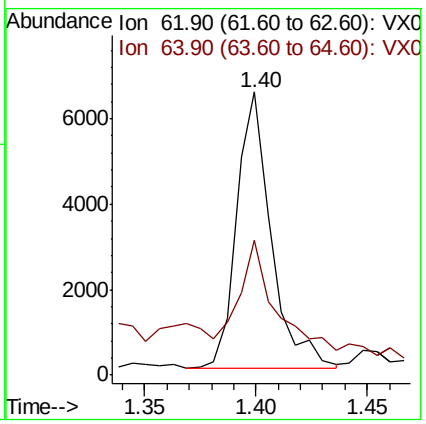


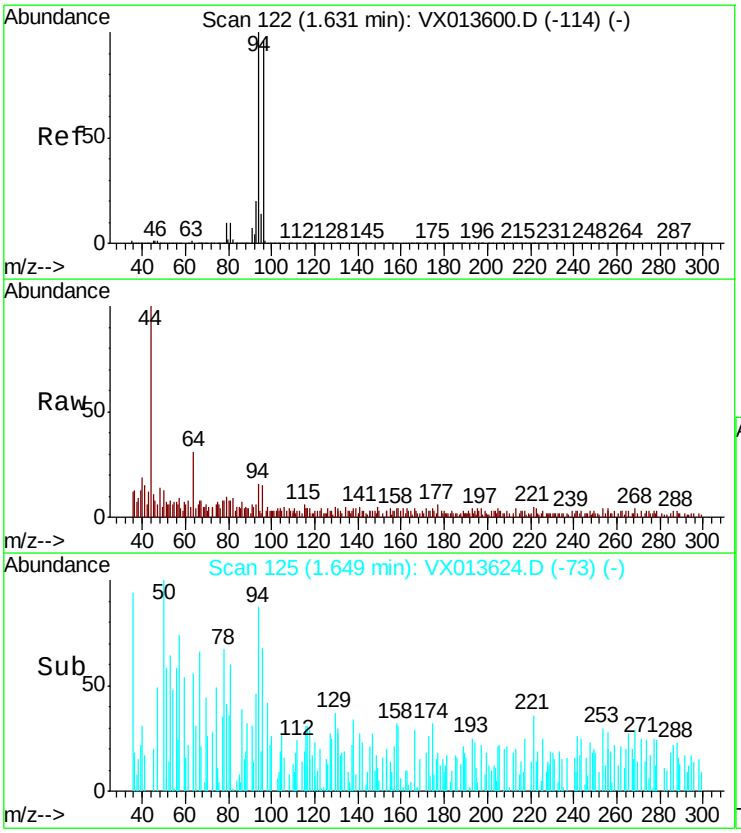
#4
Vinyl Chloride
Concen: 0.774 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument : MSVOA_X
ClientSampleId : 48BR-20191120

Tgt Ion: 62 Resp: 6953

Ion	Ratio	Lower	Upper
62	100		
64	39.6	26.0	39.0#

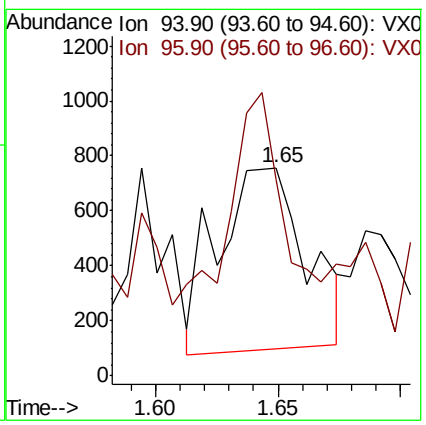


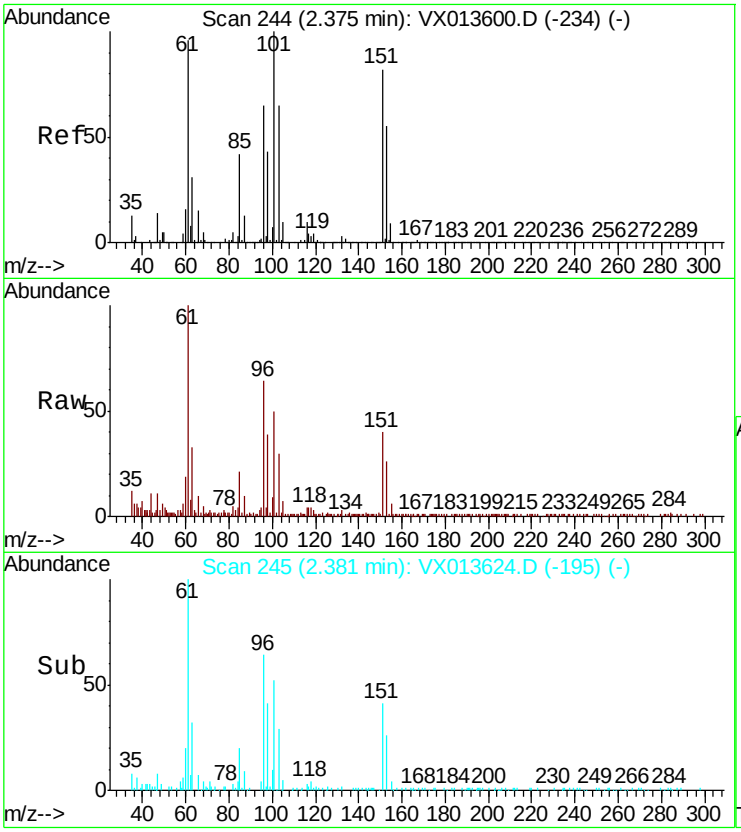


#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 94 Resp: 1660

Ion	Ratio	Lower	Upper
94	100		
96	65.4	77.0	115.4#



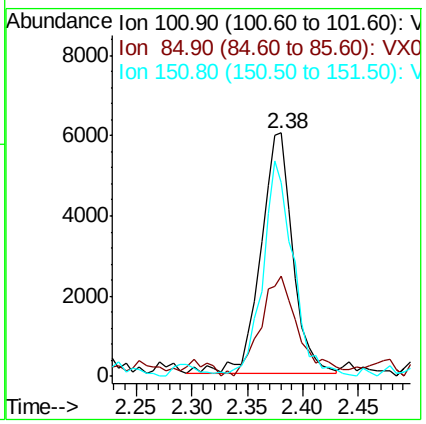


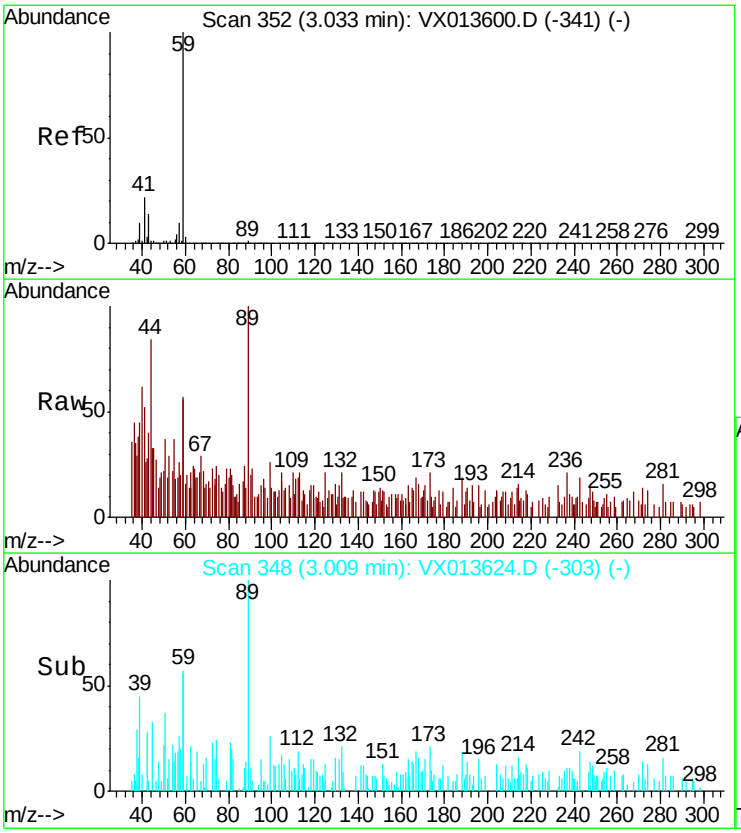
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.958 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion:101 Resp: 11930

Ion	Ratio	Lower	Upper
101	100		
85	50.2	33.9	50.9
151	86.3	64.2	96.2

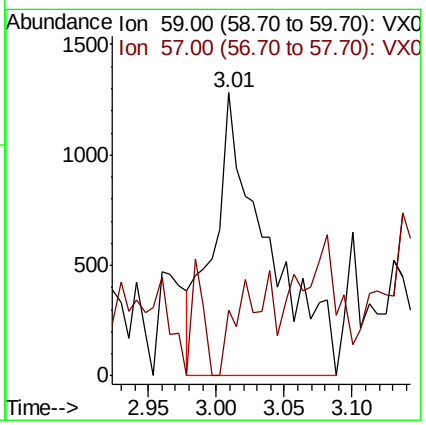


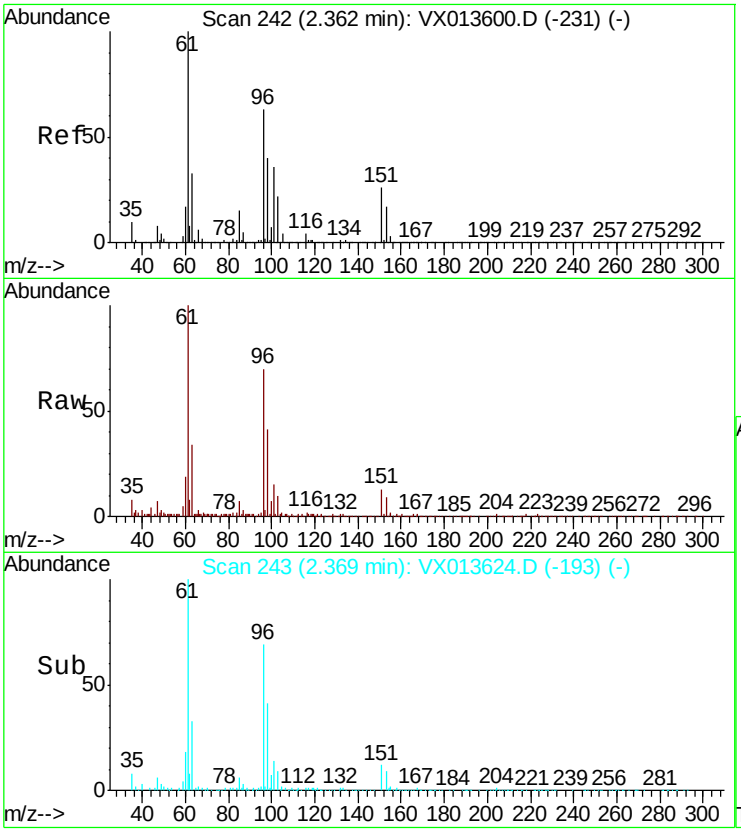


#11
Tert butyl alcohol
Concen: 1.950 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 59 Resp: 3569

Ion	Ratio	Lower	Upper
59	100		
57	15.8	7.8	11.6#



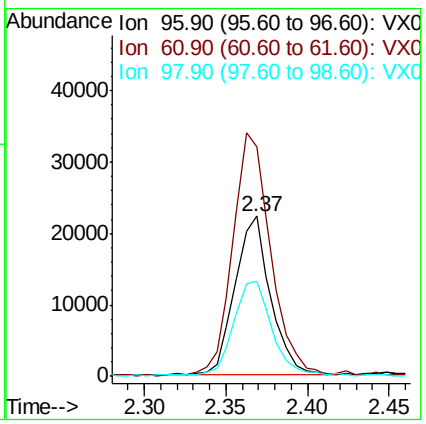


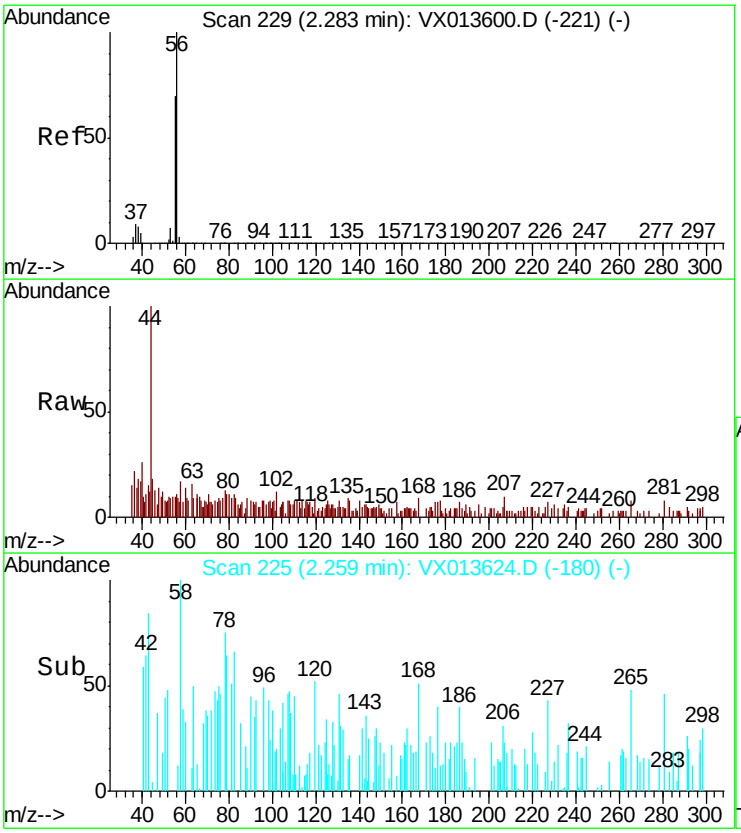
#12
1,1-Dichloroethene
Concen: 5.497 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 96 Resp: 33422

Ion	Ratio	Lower	Upper
96	100		
61	143.8	126.6	190.0
98	59.1	50.6	76.0

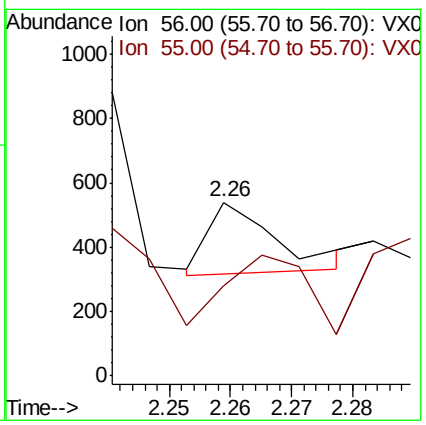


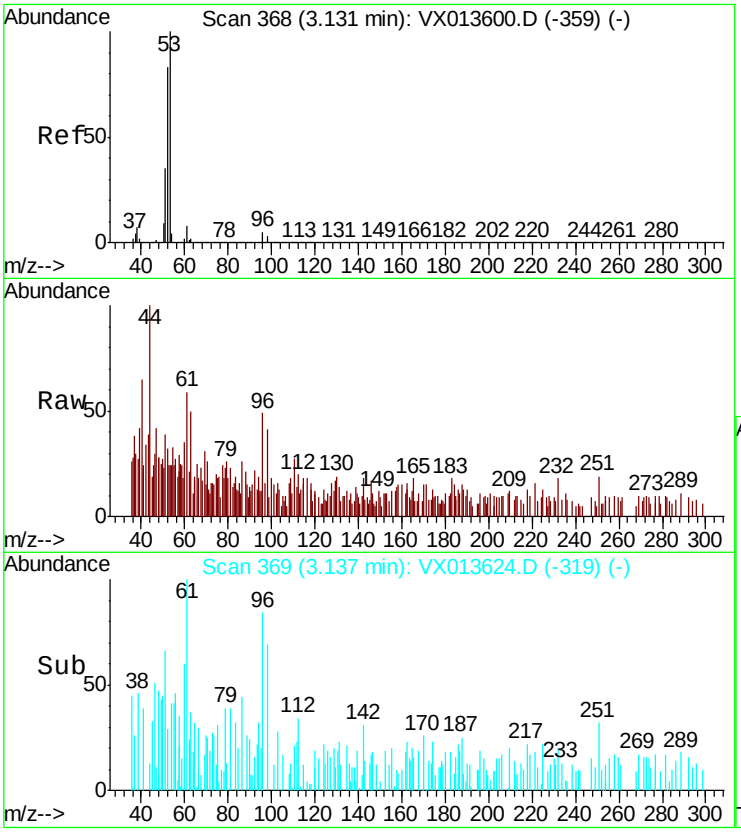


#13
Acrolein
Concen: 6.141 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	129.1	56.2	84.4#



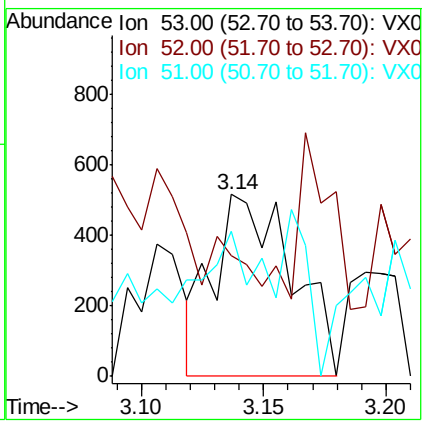


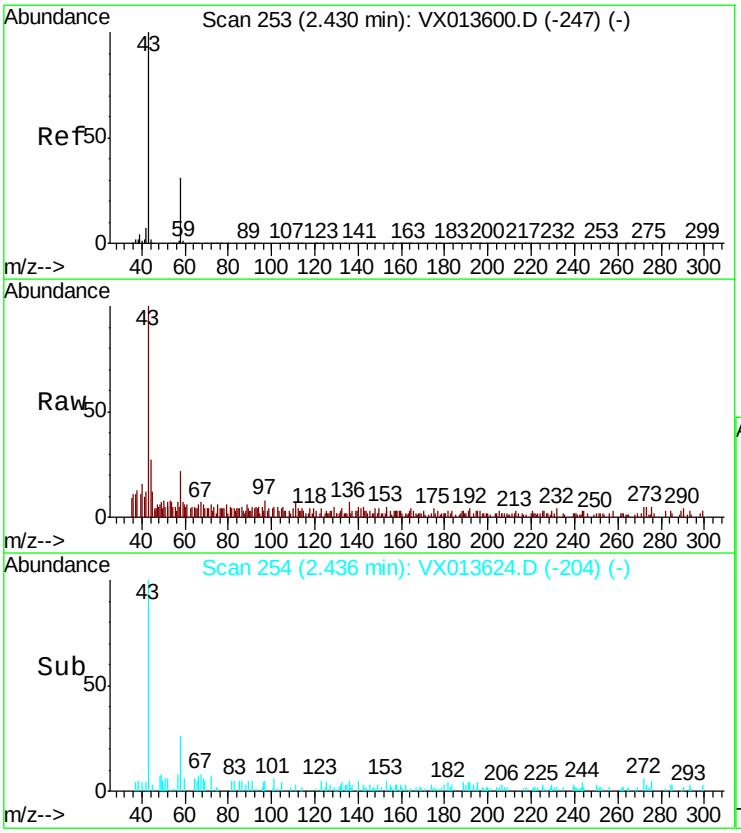
#15
Acrylonitrile
Concen: 0.305 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument : MSVOA_X
ClientSampleId : 48BR-20191120

Tgt Ion: 53 Resp: 1154

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	19.9	29.0	43.6#

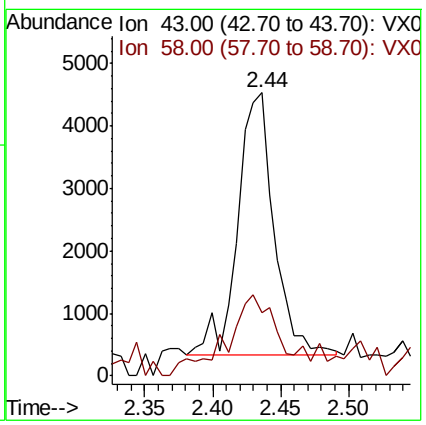


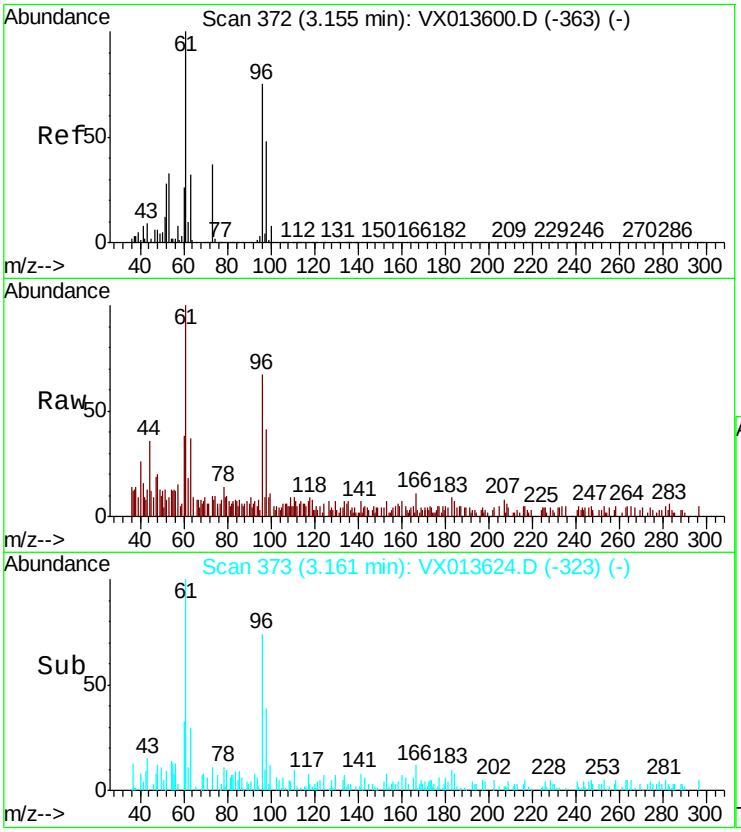


#16
Acetone
Concen: 2.132 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 43 Resp: 7805

Ion	Ratio	Lower	Upper
43	100		
58	17.7	24.6	36.8#



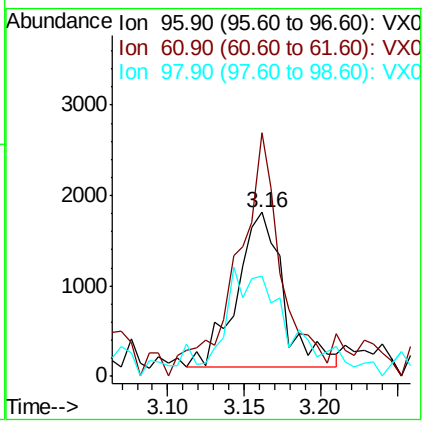


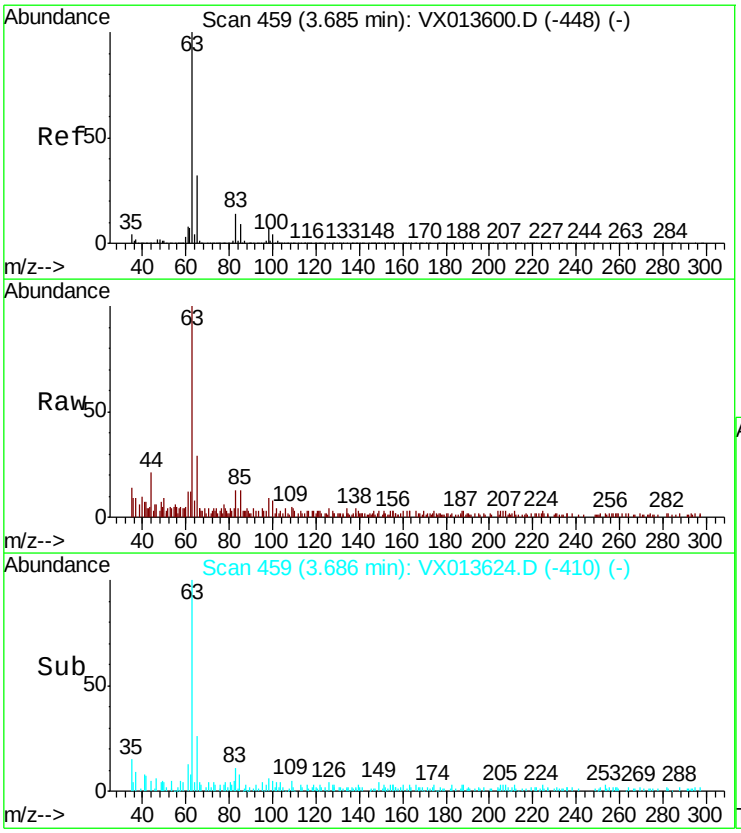
#21
trans-1,2-Dichloroethene
Concen: 0.548 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 96 Resp: 3631

Ion	Ratio	Lower	Upper
96	100		
61	129.3	107.2	160.8
98	44.9	51.4	77.0#

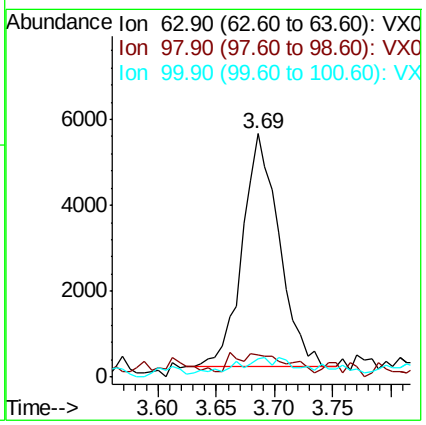


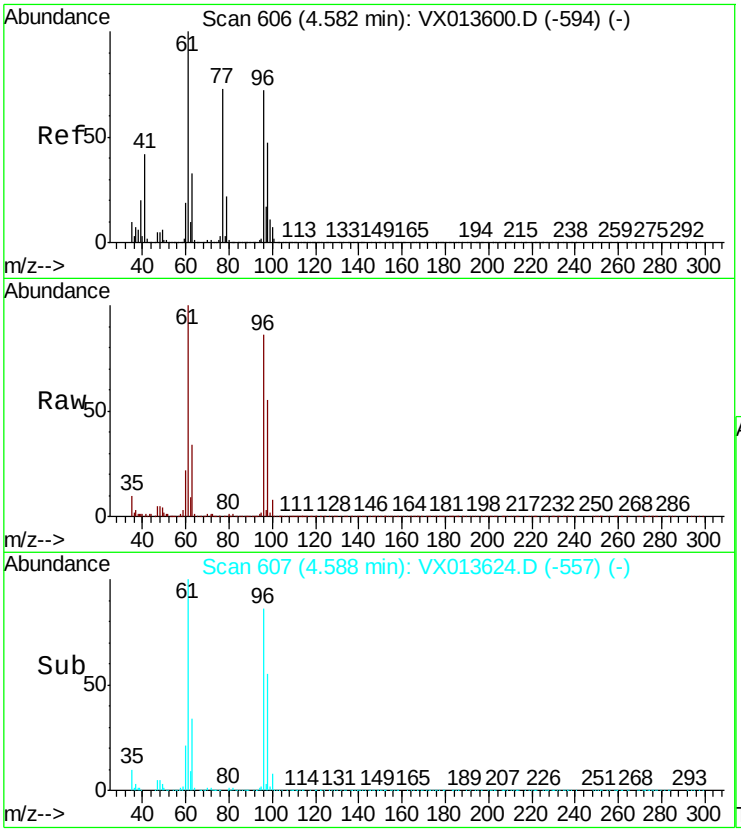


#24
1,1-Dichloroethane
Concen: 1.034 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 63 Resp: 12007

Ion	Ratio	Lower	Upper
63	100		
98	4.8	3.5	10.4
100	6.3	2.1	6.3



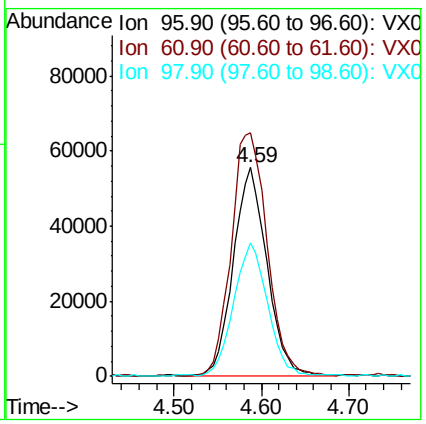


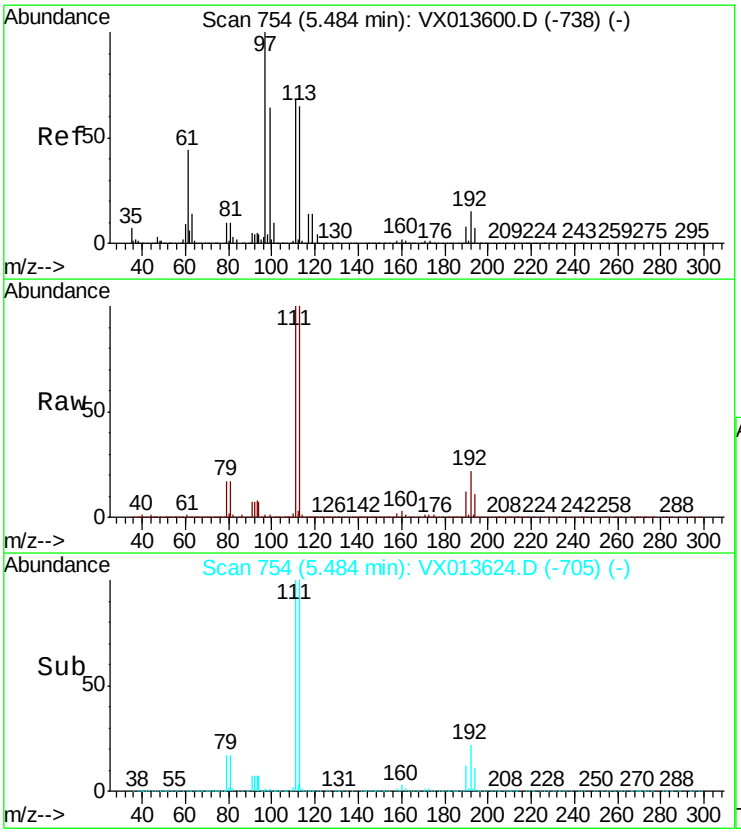
#27
cis-1,2-Dichloroethene
Concen: 19.558 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 96 Resp: 148777

Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	286.4
98	65.2	0.0	127.4

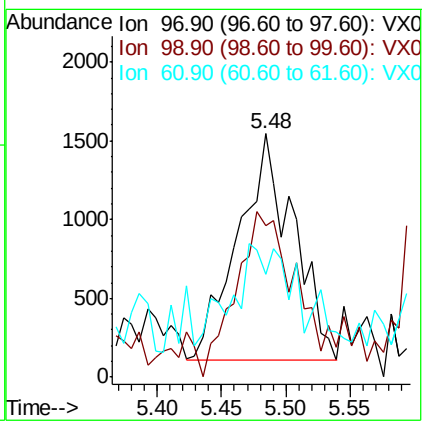


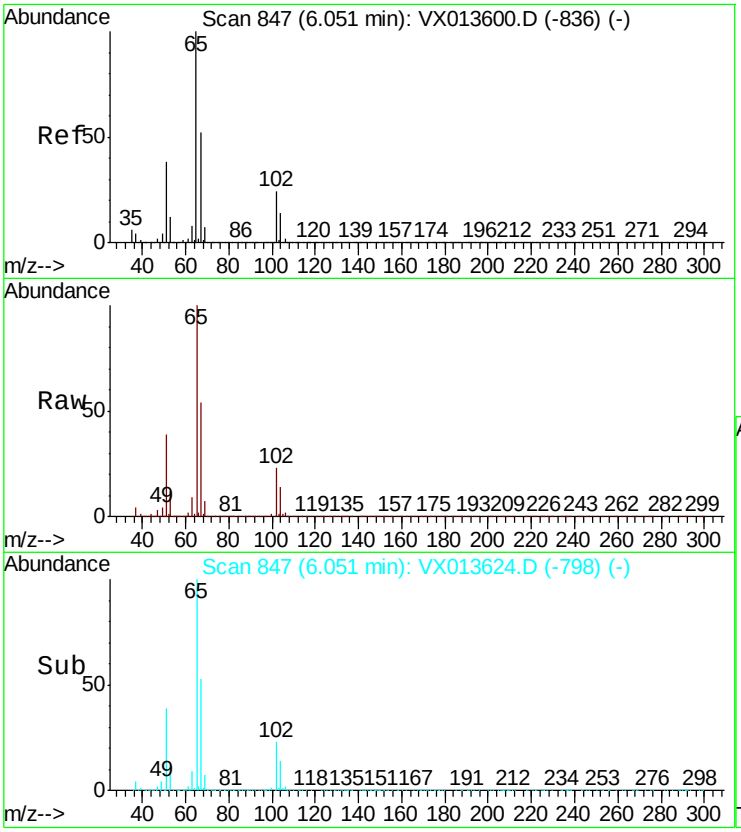


#32
1,1,1-Trichloroethane
Concen: 0.437 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 97 Resp: 4302

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	22.6	36.1	54.1#



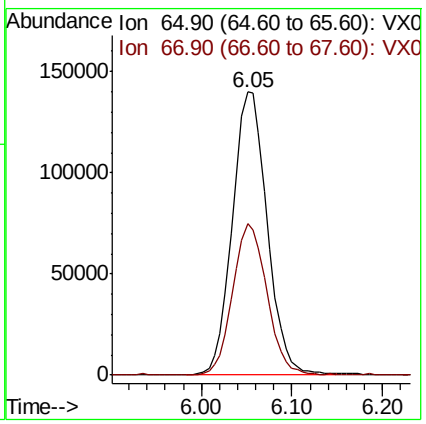


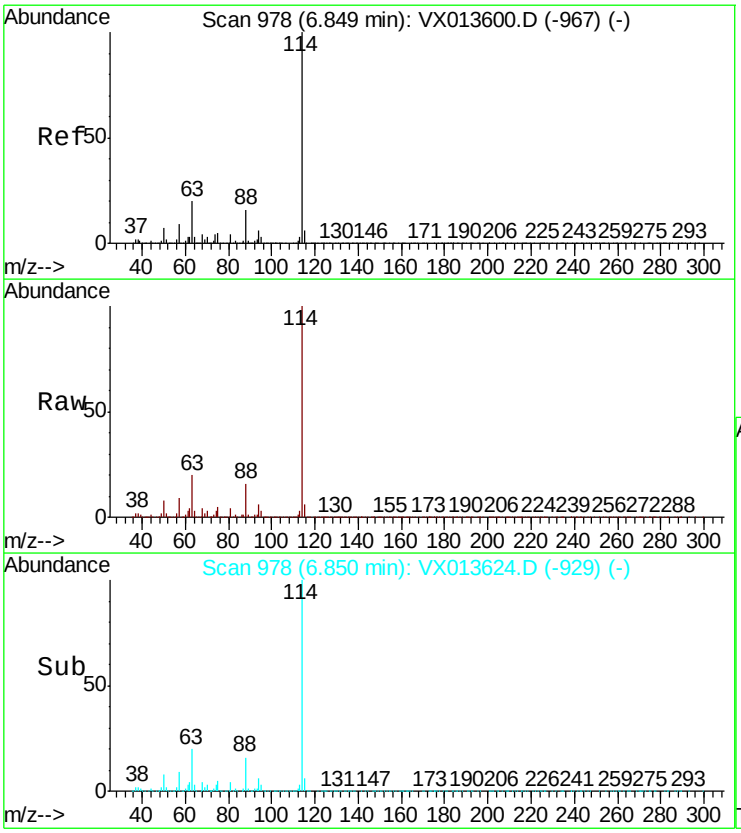
#33
1,2-Dichloroethane-d4
Concen: 50.121 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 65 Resp: 371715

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4

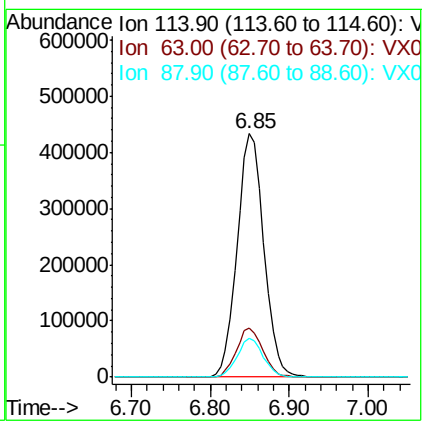


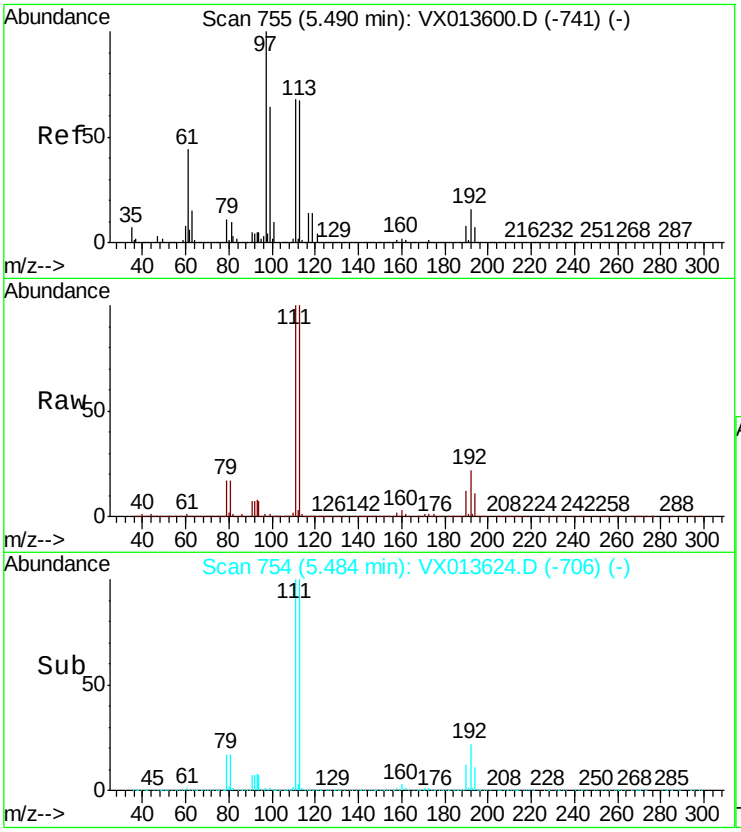


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion:114 Resp: 1020169

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.8	0.0	31.4



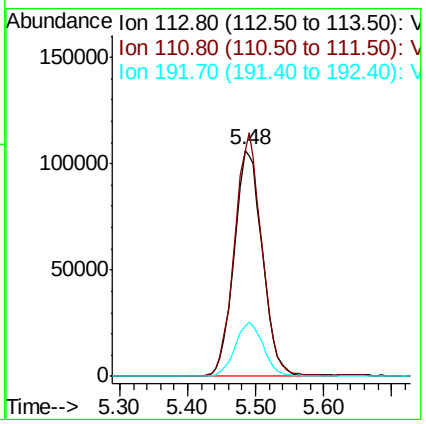


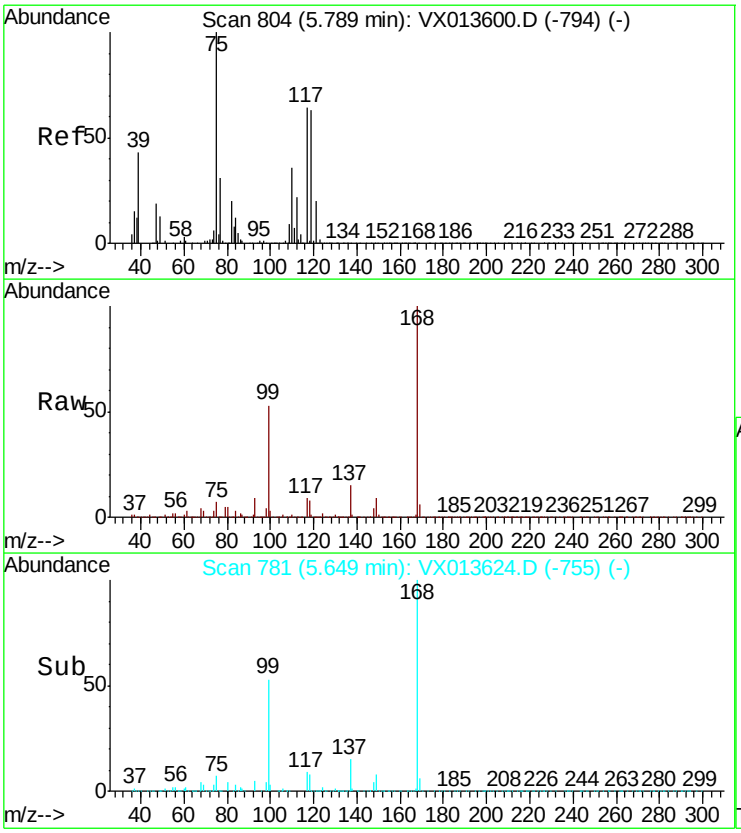
#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion:113 Resp: 306358

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.6	125.4
192	23.9	19.2	28.8

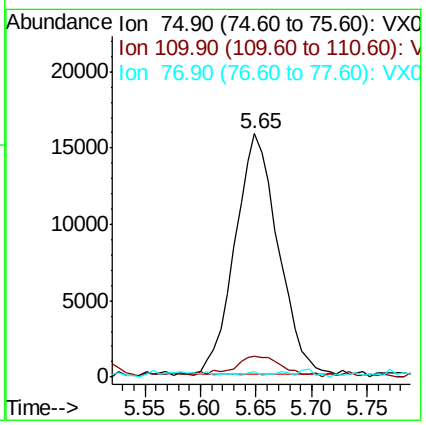


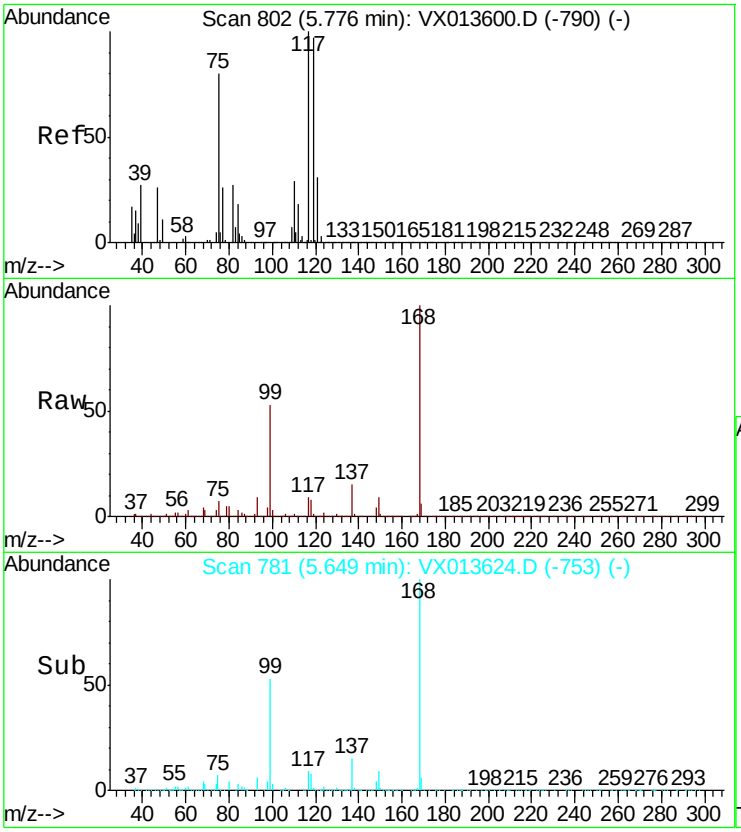


#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 75 Resp: 42314

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.9	24.5	36.7#



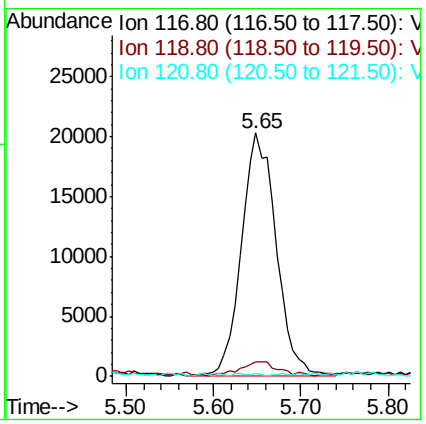


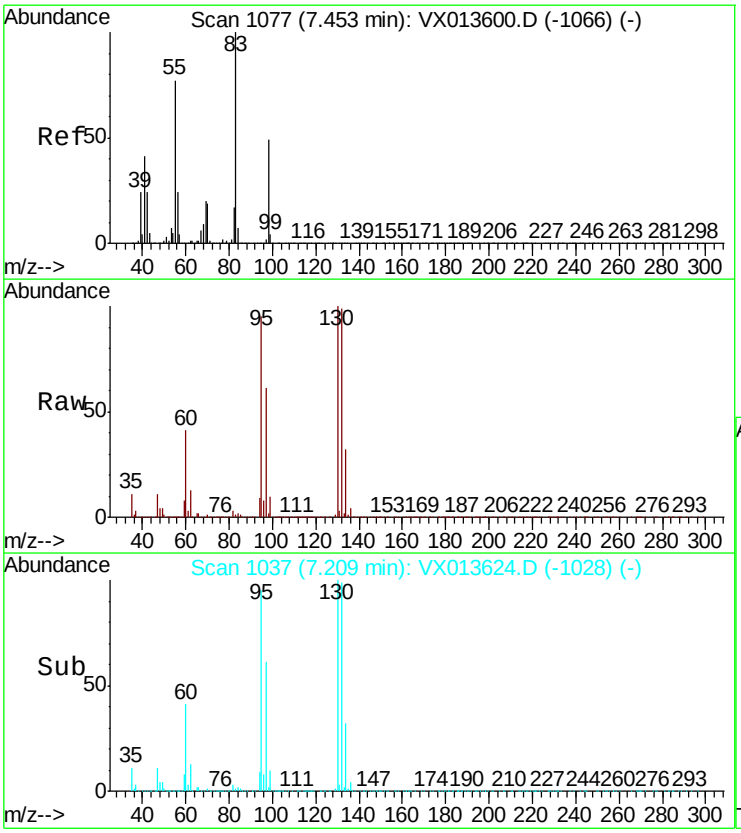
#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument : MSVOA_X
ClientSampleId : 48BR-20191120

Tgt Ion:117 Resp: 56279

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.5	116.3#
121	1.2	25.0	37.6#

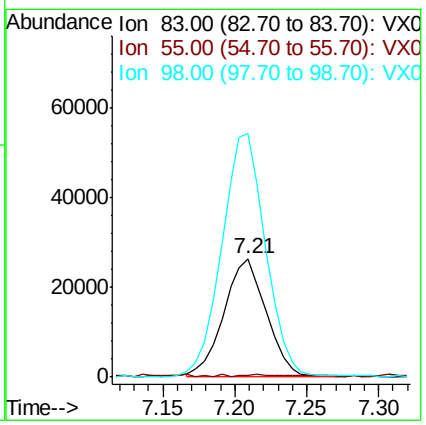


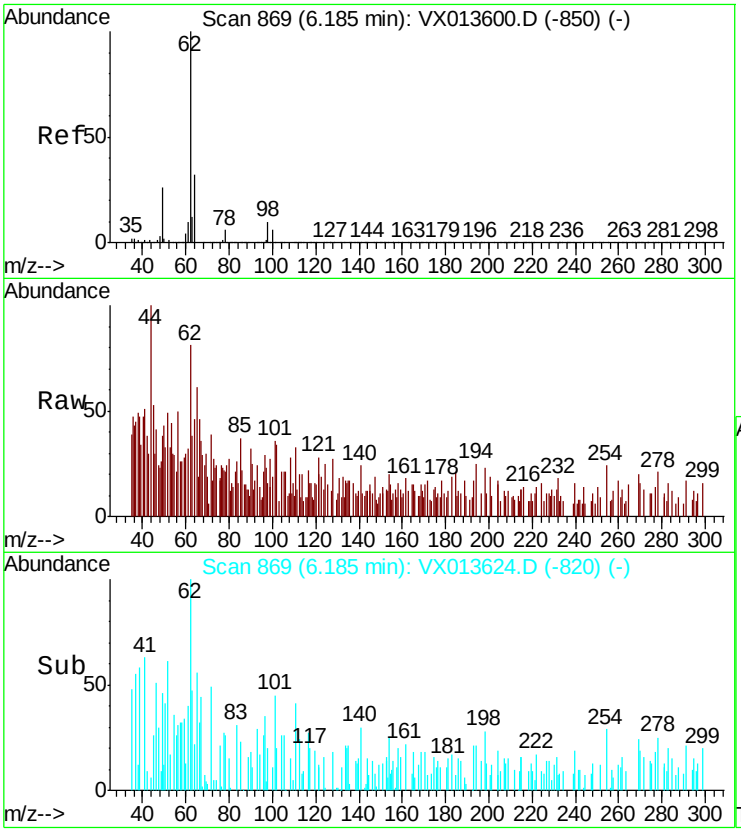


#39
Methylcyclohexane
Concen: 4.764 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 83 Resp: 54536

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.9	92.9#
98	204.4	39.4	59.0#



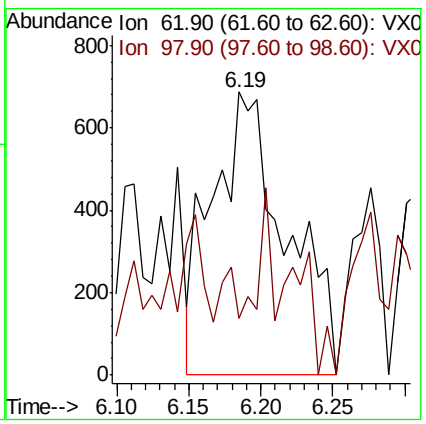


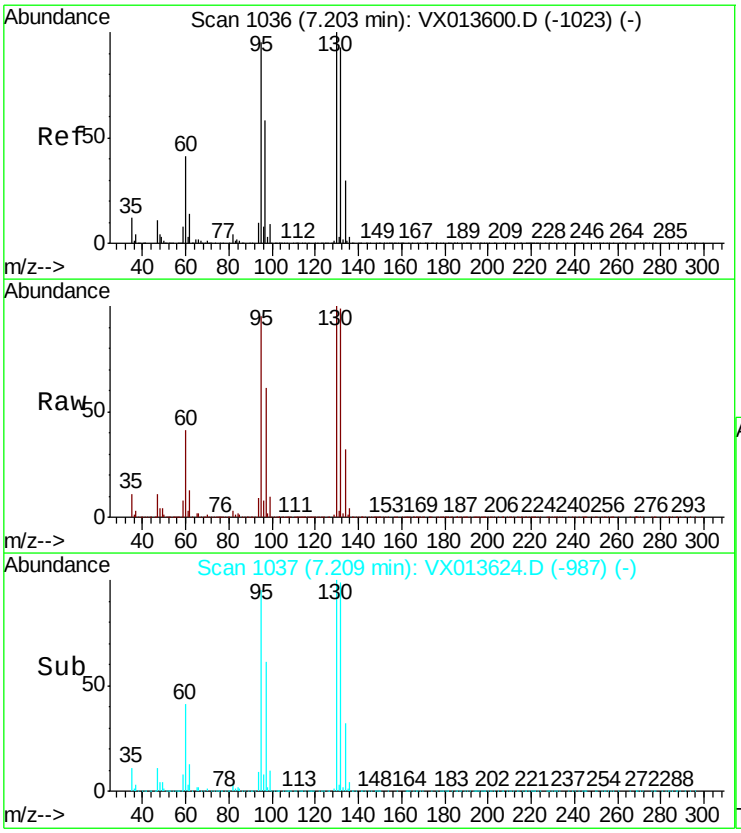
#42
1,2-Dichloroethane
Concen: 0.256 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 62 Resp: 2462

Ion	Ratio	Lower	Upper
62	100		
98	4.3	0.0	20.8

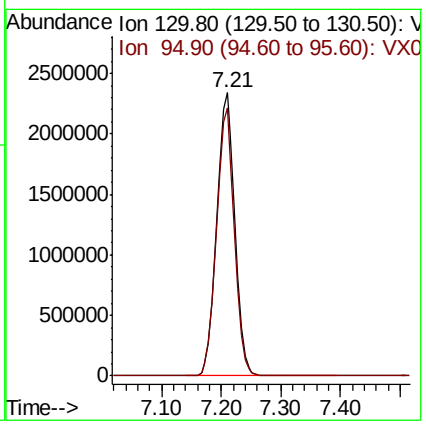


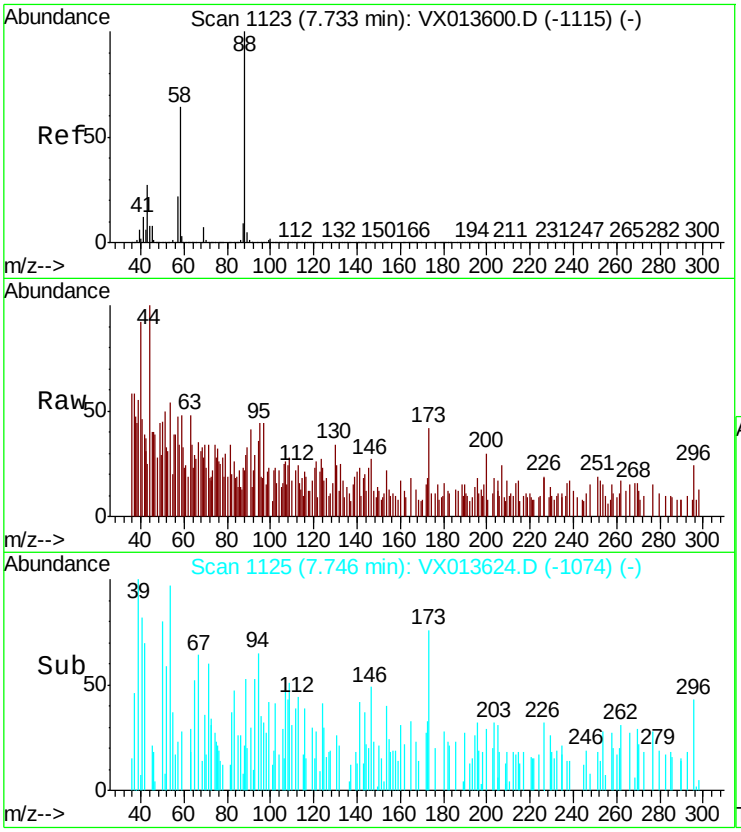


#44
Trichloroethene
Concen: 636.787 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion:130 Resp: 4929165

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	190.8



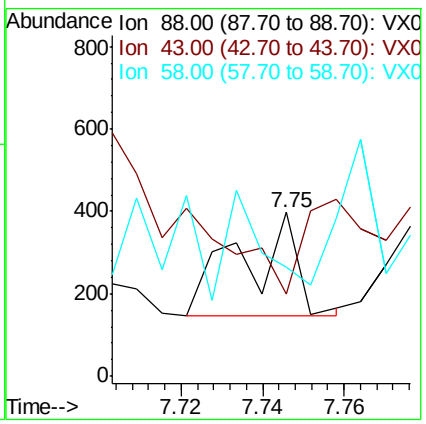


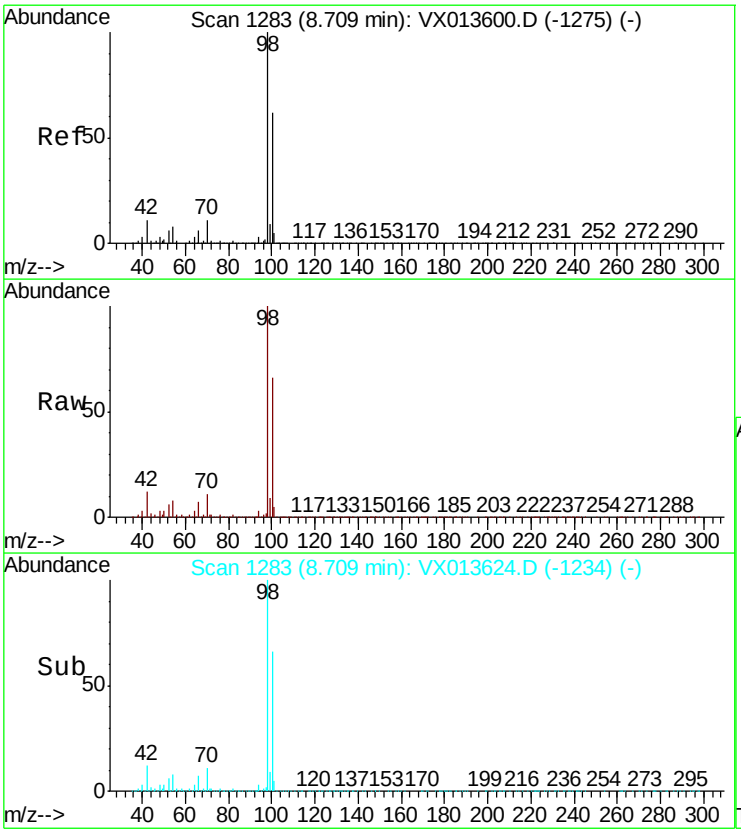
#49
1,4-Dioxane
Concen: 1.285 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument : MSVOA_X
ClientSampleId : 48BR-20191120

Tgt Ion: 88 Resp: 239

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

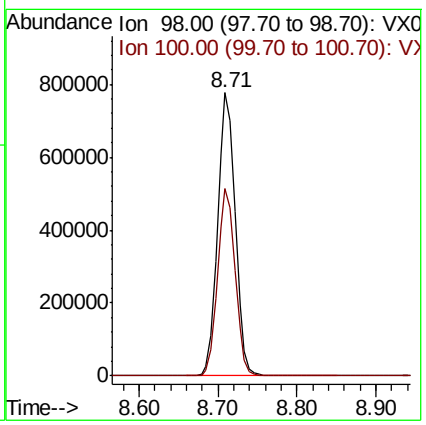


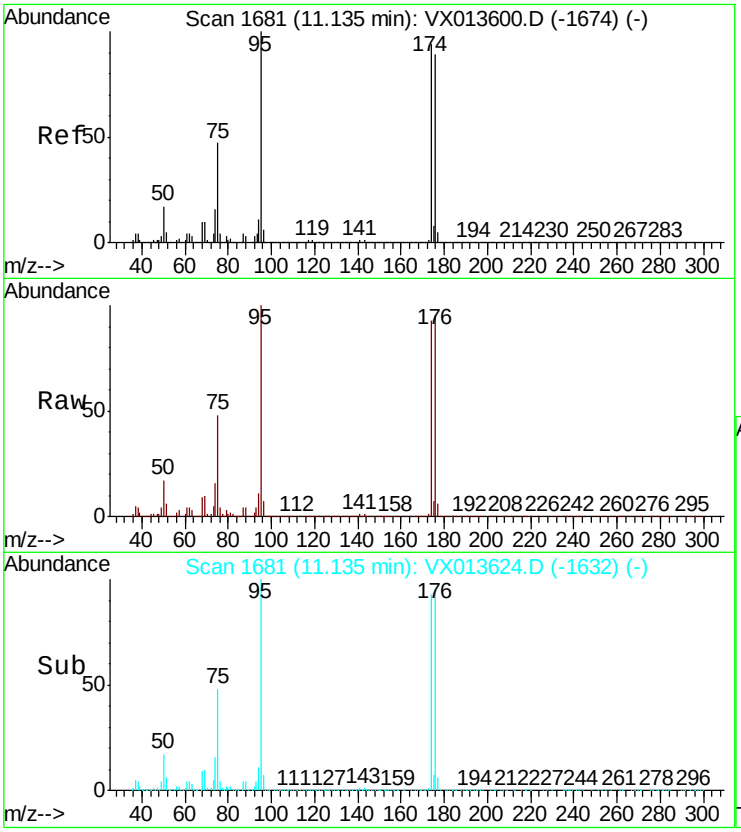


#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 98 Resp: 1209066

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7



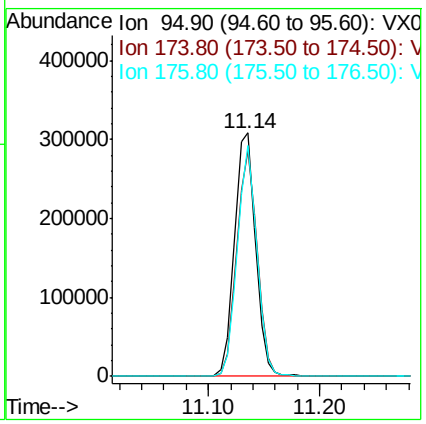


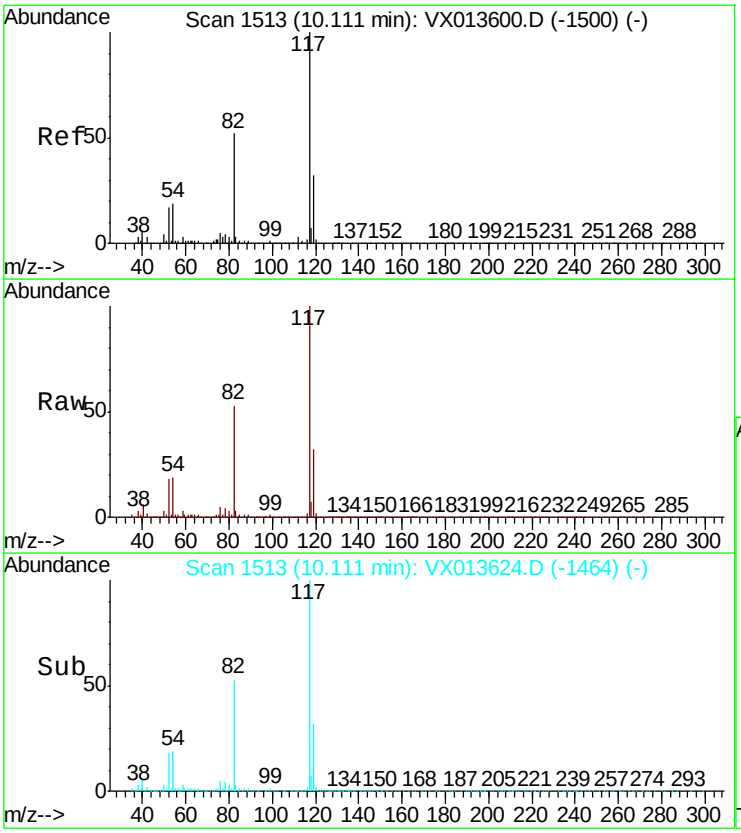
#62
4-Bromofluorobenzene
Concen: 45.740 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 95 Resp: 405294

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	180.0
176	88.6	0.0	173.6

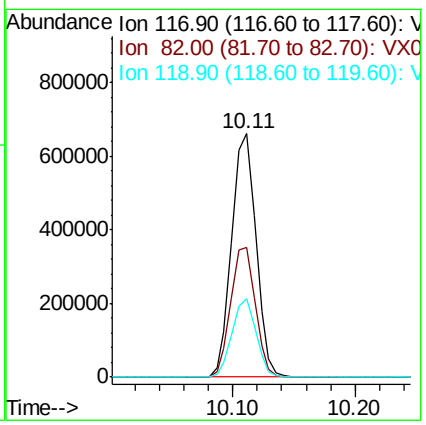


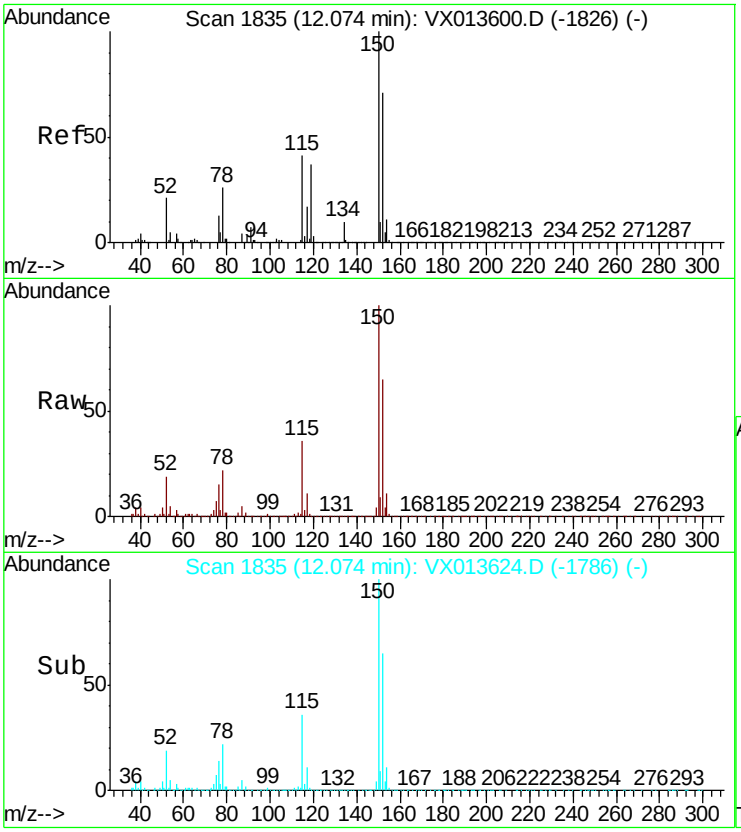


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion:117 Resp: 909893

Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.8	62.8
119	32.3	25.8	38.8



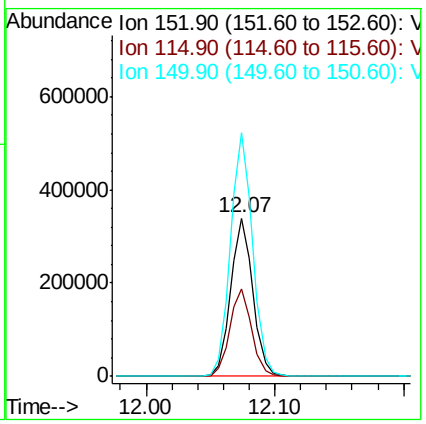


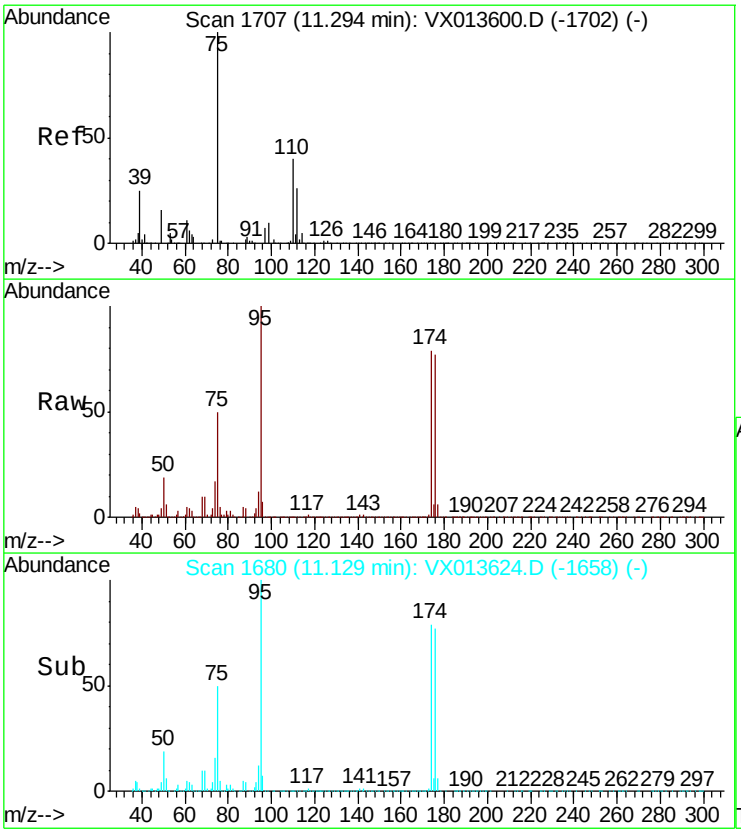
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion:152 Resp: 406277

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.4	115.1
150	154.4	0.0	346.8

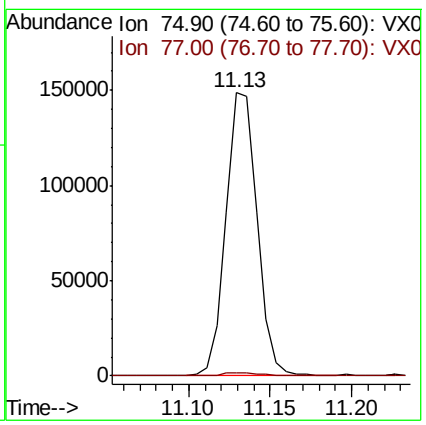


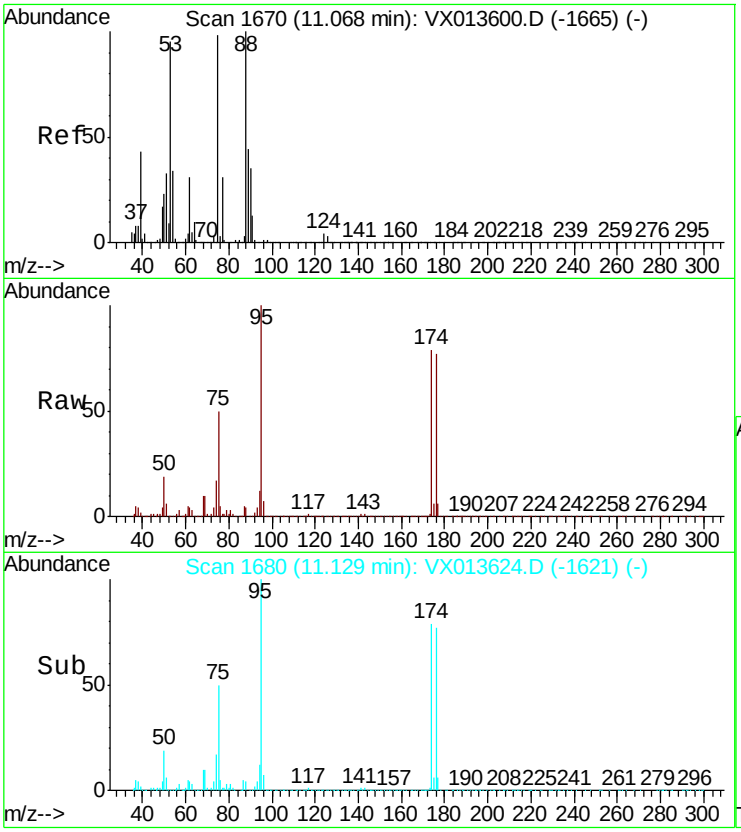


#76
1,2,3-Trichloropropane
Concen: 21.553 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Tgt Ion: 75 Resp: 196945

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.964 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013624.D
Acq: 27 Nov 2019 01:55

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Tgt Ion: 75 Resp: 196945

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.2#
89	0.3	35.4	53.2#