Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110819\
Data File : VX013362.D
Acq On : 08 Nov 2019 17:01
Operator : JC/SP
Sample : K5769-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-304-SRI4

Quant Time: Nov 11 02:57:48 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	792086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1241376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1097693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	514576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	444970	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.84%			
35) Dibromofluoromethane	5.48	113	362400	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.08%			
50) Toluene-d8	8.71	98	1461711	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
62) 4-Bromofluorobenzene	11.13	95	495358	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.52%			
Target Compounds						Qvalue
6) Chloroethane	1.72	64	1821	Below Cal	#	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22467	3.028	ug/l	96
11) Tert butyl alcohol	3.05	59	577	0.233	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	15926	2.192	ug/l	94
13) Acrolein	2.27	56	551	0.411	ug/l	91
15) Acrylonitrile	3.17	53	2200	0.476	ug/l #	18
16) Acetone	2.43	43	3920	0.838	ug/l #	86
19) Methyl tert-butyl Ether	3.18	73	64418	2.658	ug/l	96
24) 1,1-Dichloroethane	3.69	63	7613	0.534	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	10487	1.183	ug/l	94
30) Chloroform	5.20	83	25331	1.799	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	53763	5.048	ug/l #	49
38) Carbon Tetrachloride	5.78	117	18229	1.750	ug/l #	93
42) 1,2-Dichloroethane	6.19	62	6749	0.564	ug/l	94
44) Trichloroethene	7.20	130	117224	12.838	ug/l	95
49) 1,4-Dioxane	7.75	88	142	0.606	ug/l #	1
56) Ethyl methacrylate	9.17	69	506	1.597	ug/l #	47
60) Dibromochloromethane	9.33	129	236175	27.098	ug/l #	10
64) Tetrachloroethene	9.33	164	266265	33.884	ug/l	95
71) Bromoform	10.87	173	447	3.258	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	245677	23.506	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	245498	60.460	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.86	75	648	0.214	ug/l	54
95) Naphthalene	13.83	128	19252	0.543	ug/l #	94

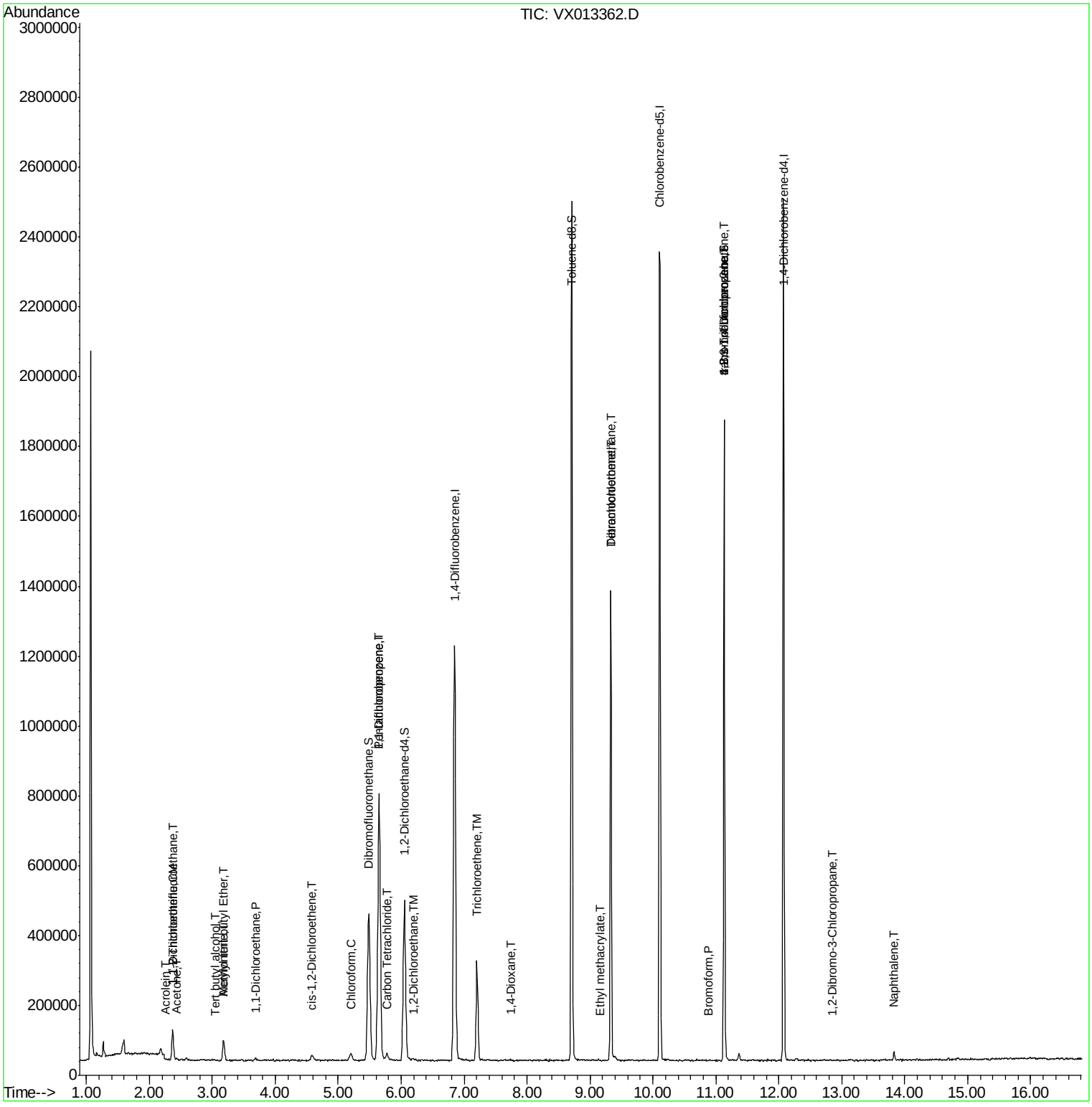
(#) = qualifier out of range (m) = manual integration (+) = signals summed

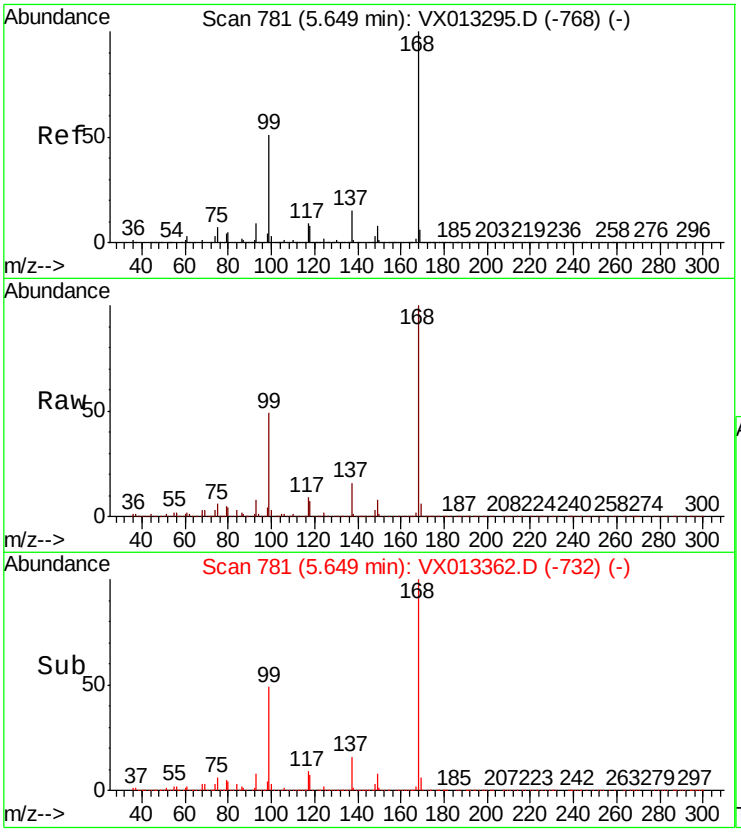
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
Data File : VX013362.D
Acq On : 08 Nov 2019 17:01
Operator : JC/SP
Sample : K5769-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Quant Time: Nov 11 02:57:48 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



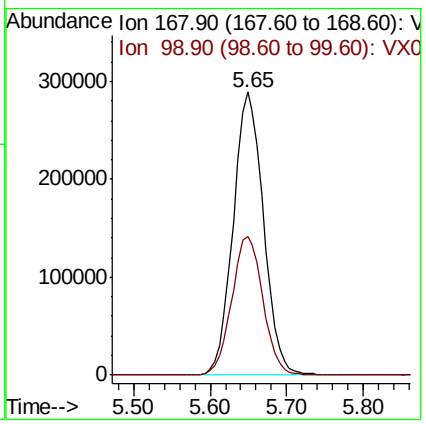


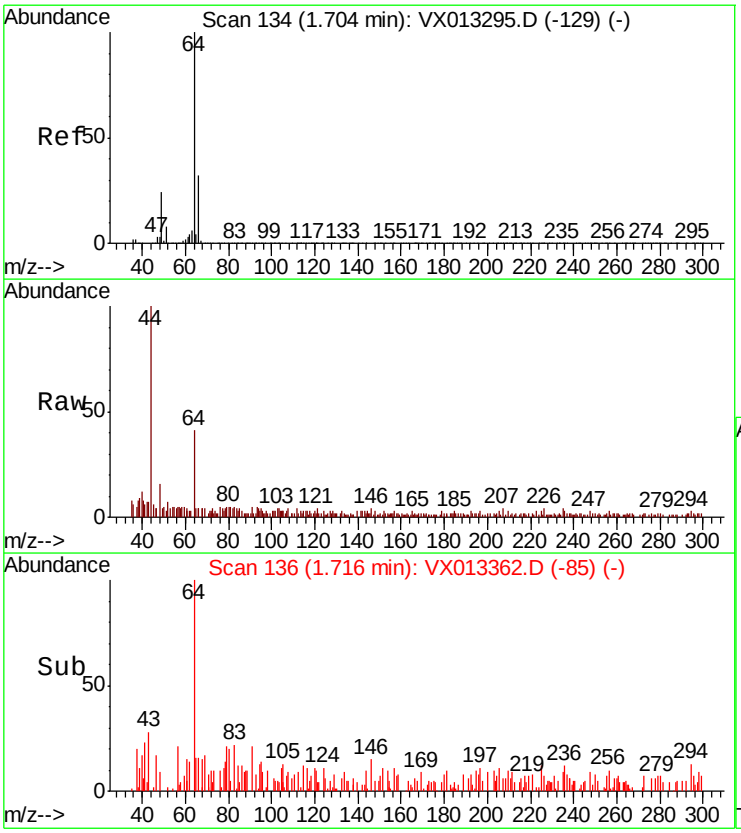
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:168 Resp: 792086

Ion	Ratio	Lower	Upper
168	100		
99	48.8	40.8	61.2

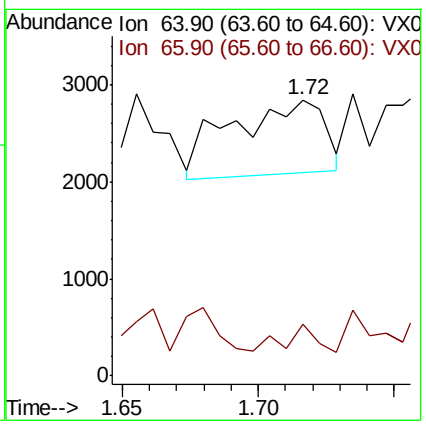


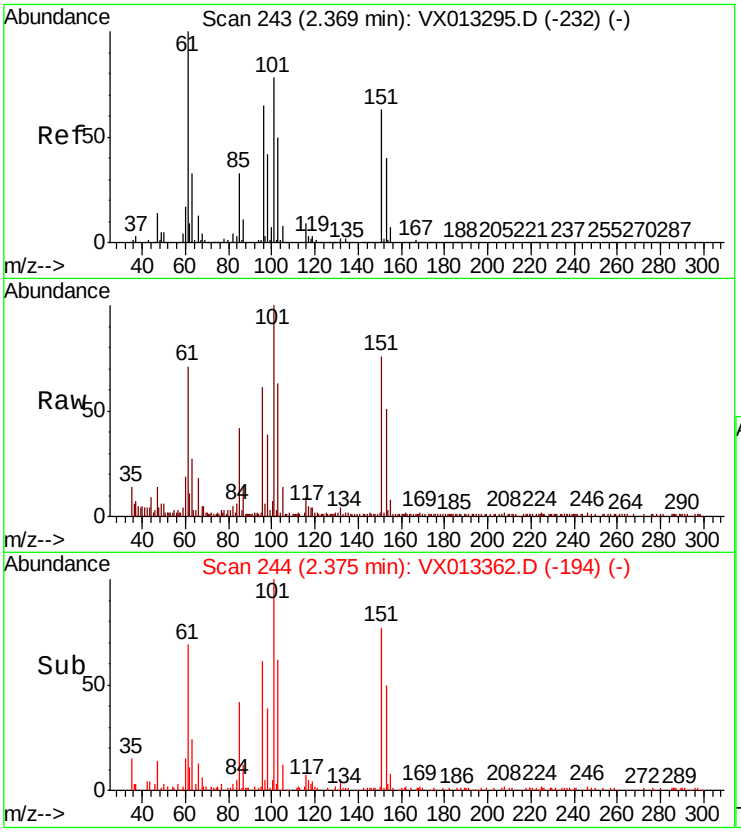


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 64 Resp: 1821

Ion	Ratio	Lower	Upper
64	100		
66	39.9	25.6	38.4#



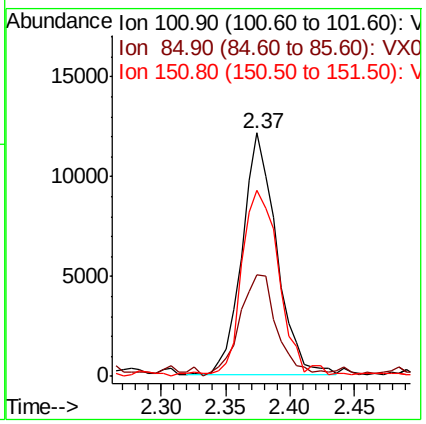


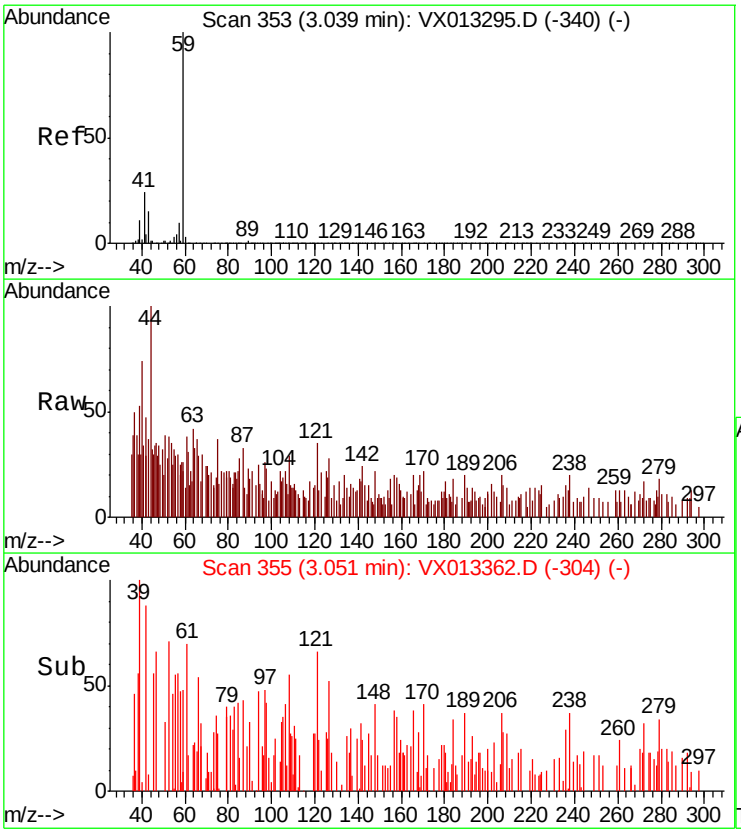
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.028 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:101 Resp: 22467

Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.4	51.6
151	79.8	66.4	99.6

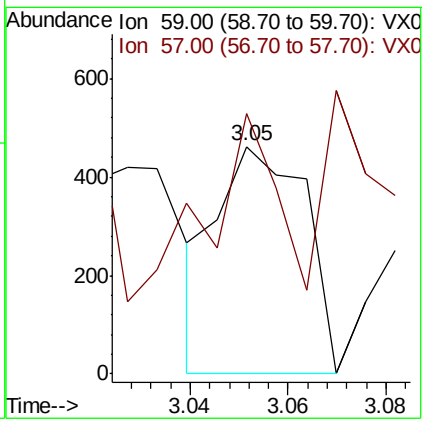


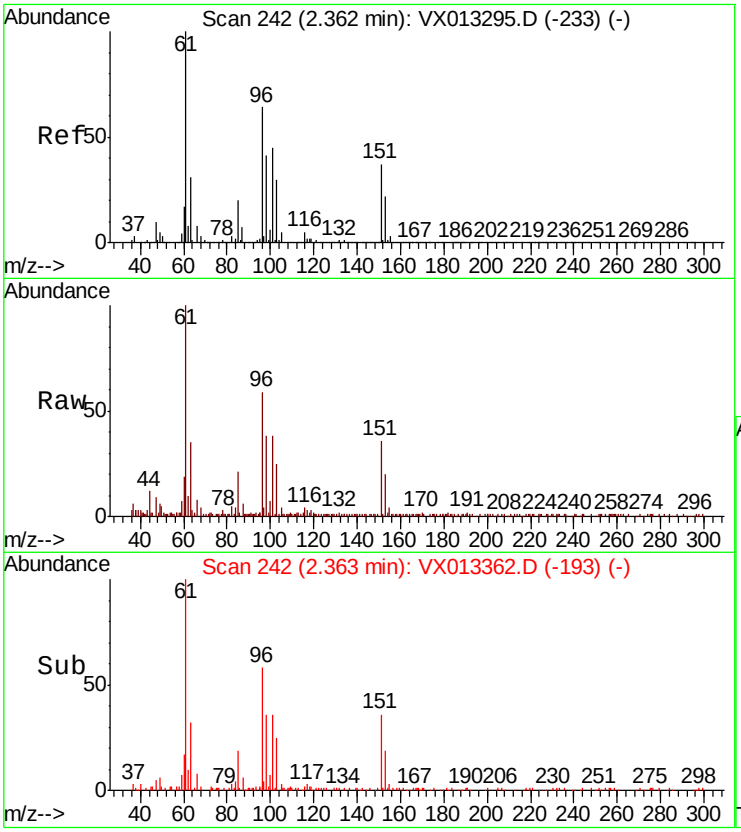


#11
Tert butyl alcohol
Concen: 0.233 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 59 Resp: 577

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



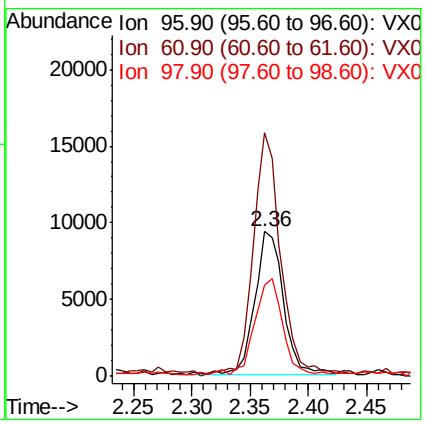


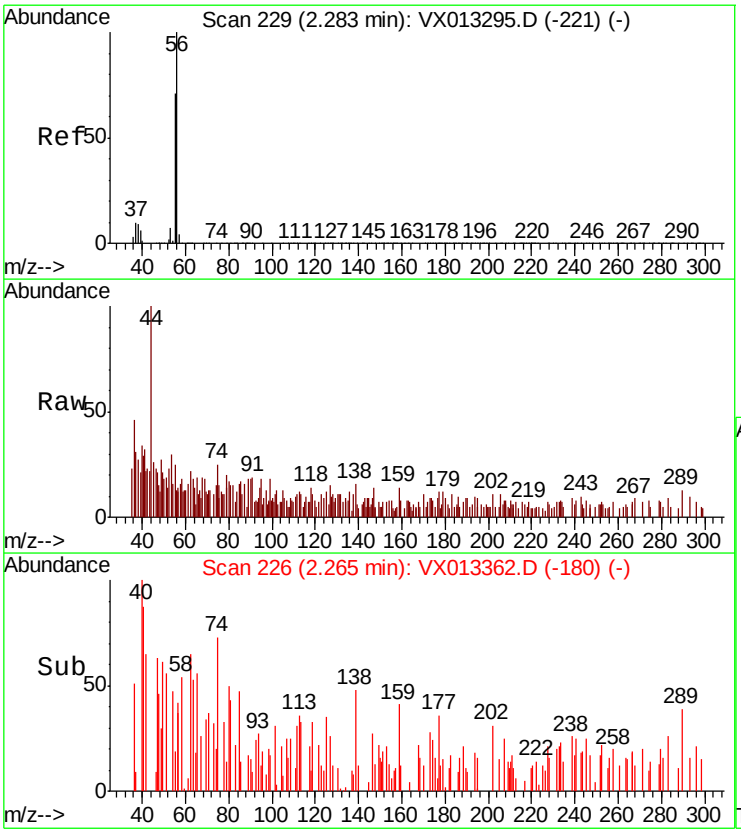
#12
1,1-Dichloroethene
Concen: 2.192 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument : MSVOA_X
ClientSampleId : MW-304-SRI4

Tgt Ion: 96 Resp: 15926

Ion	Ratio	Lower	Upper
96	100		
61	167.7	125.0	187.6
98	63.2	50.7	76.1

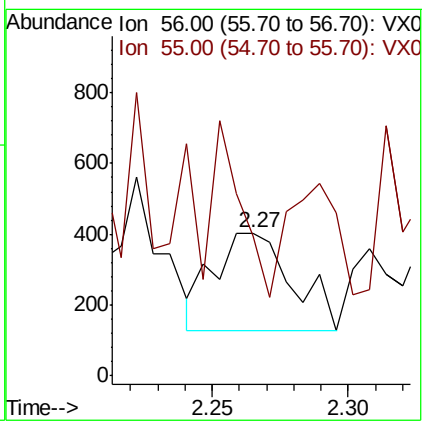


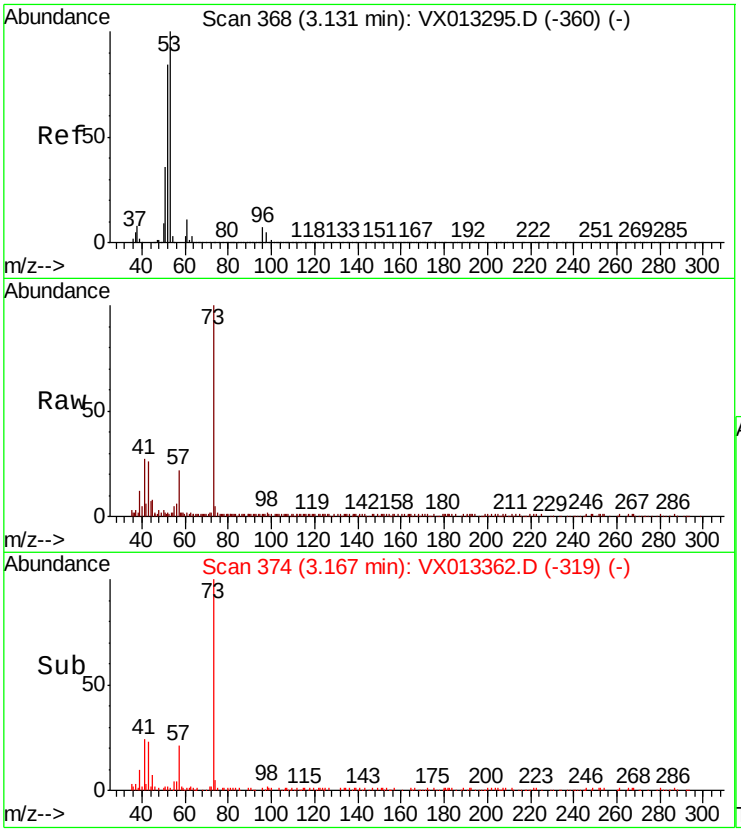


#13
Acrolein
Concen: 0.411 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 56 Resp: 551

Ion	Ratio	Lower	Upper
56	100		
55	63.9	57.4	86.0



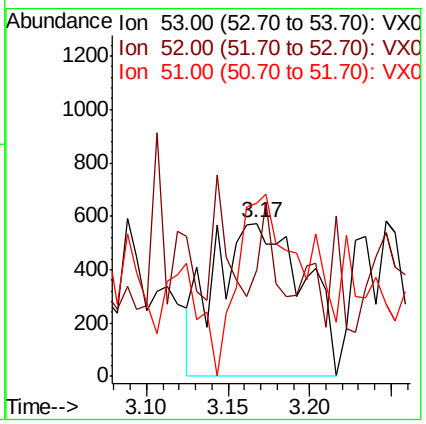


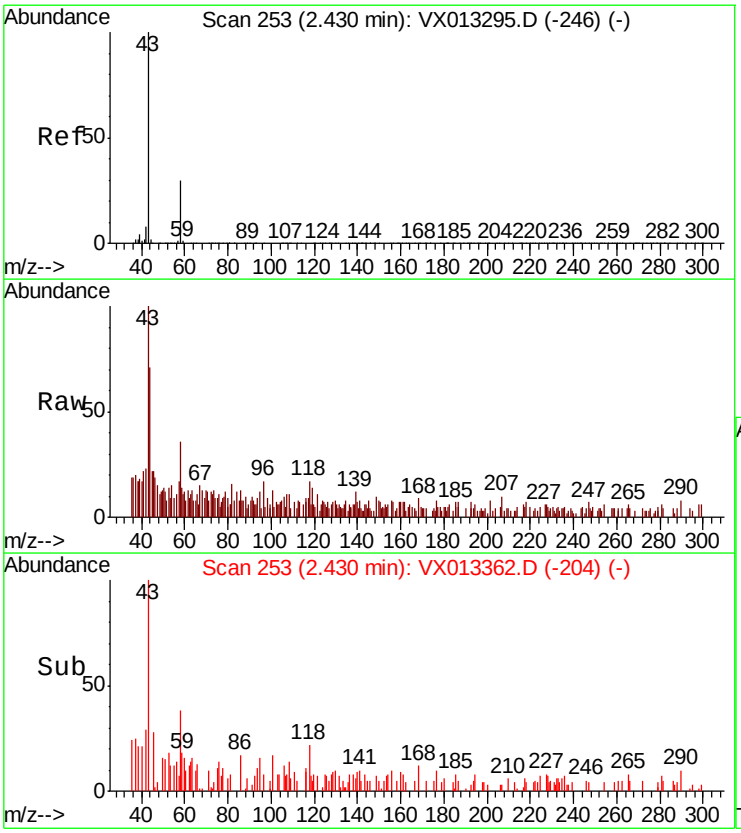
#15
Acrylonitrile
Concen: 0.476 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.04 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument : MSVOA_X
ClientSampleId : MW-304-SRI4

Tgt Ion: 53 Resp: 2200

Ion	Ratio	Lower	Upper
53	100		
52	13.0	67.4	101.0#
51	89.9	29.4	44.2#

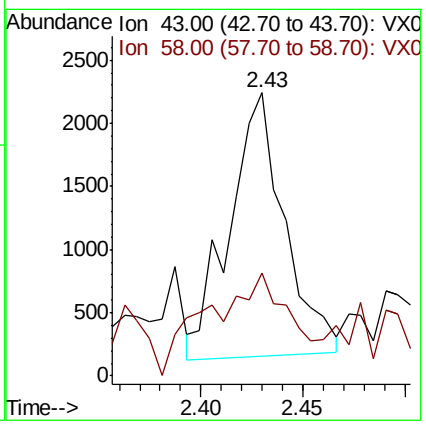


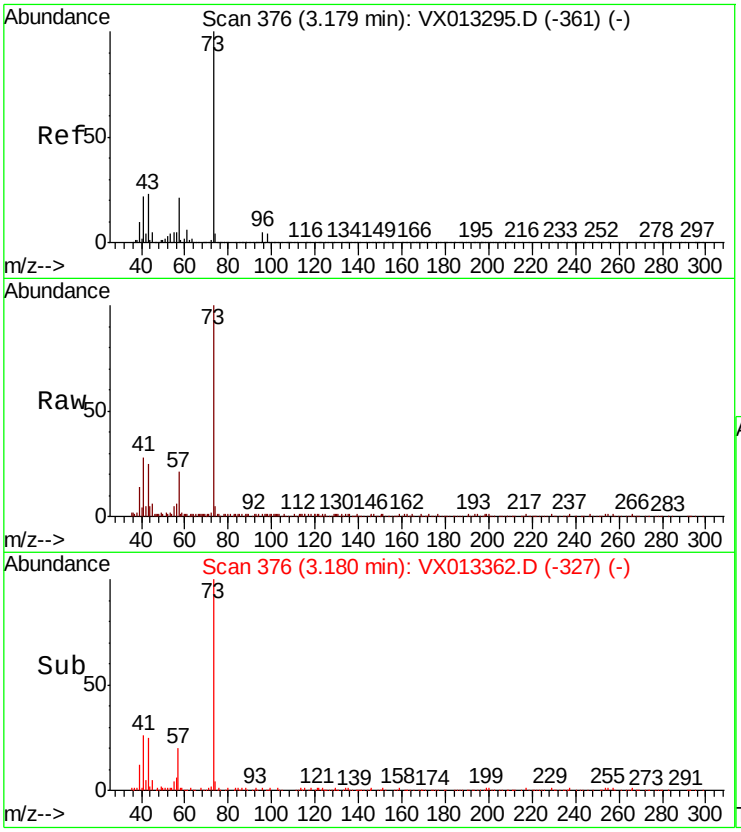


#16
Acetone
Concen: 0.838 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 43 Resp: 3920

Ion	Ratio	Lower	Upper
43	100		
58	37.9	24.3	36.5#



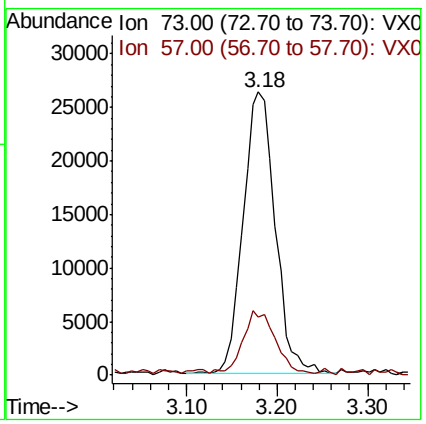


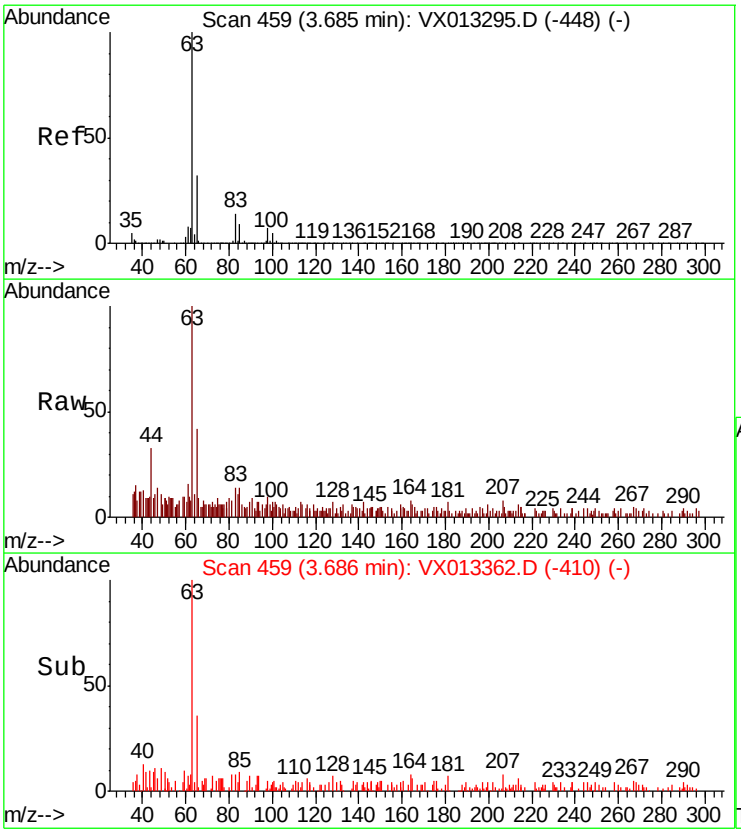
#19
Methyl tert-butyl Ether
Concen: 2.658 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion: 73 Resp: 64418

Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.1	25.7

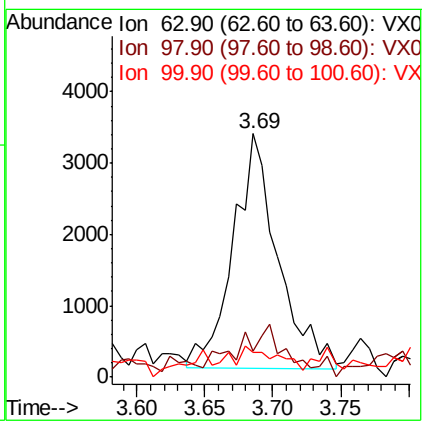


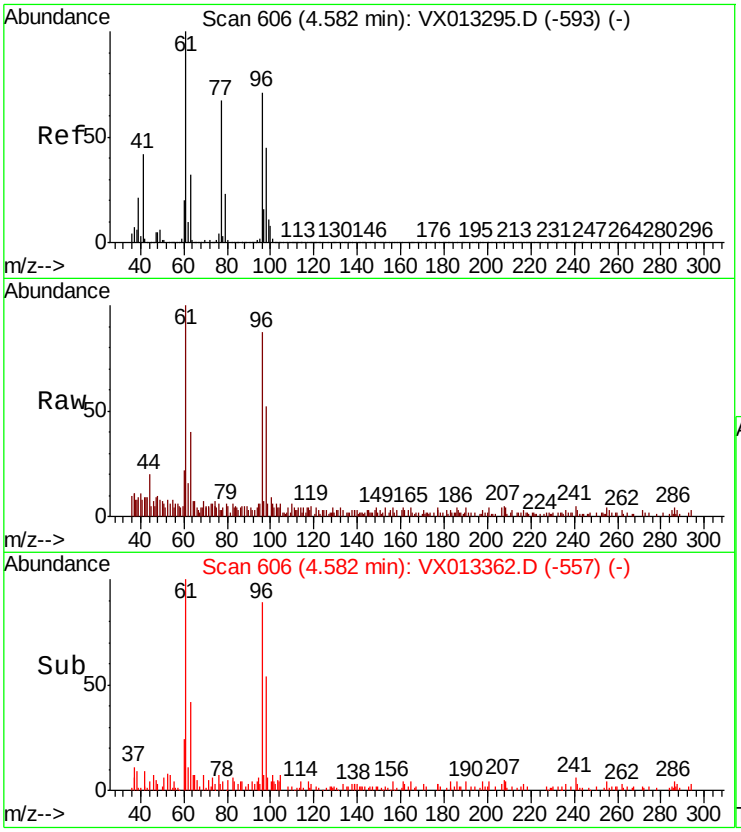


#24
1,1-Dichloroethane
Concen: 0.534 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 63 Resp: 7613

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.5	10.4
100	5.6	2.4	7.2



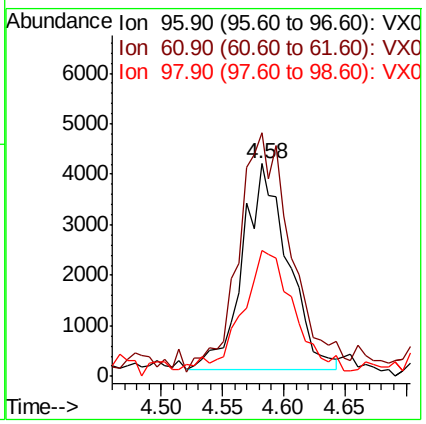


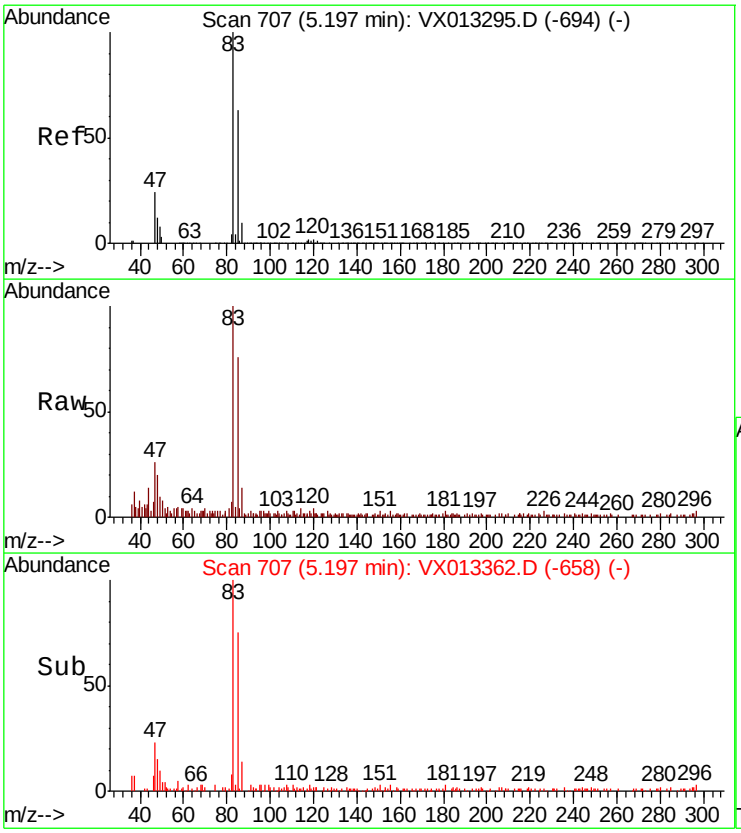
#27
cis-1,2-Dichloroethene
Concen: 1.183 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion: 96 Resp: 10487

Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	288.0
98	69.4	0.0	129.6

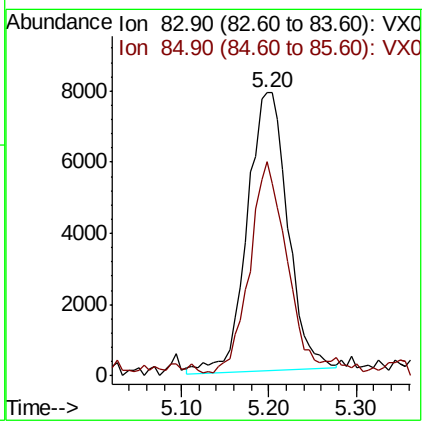


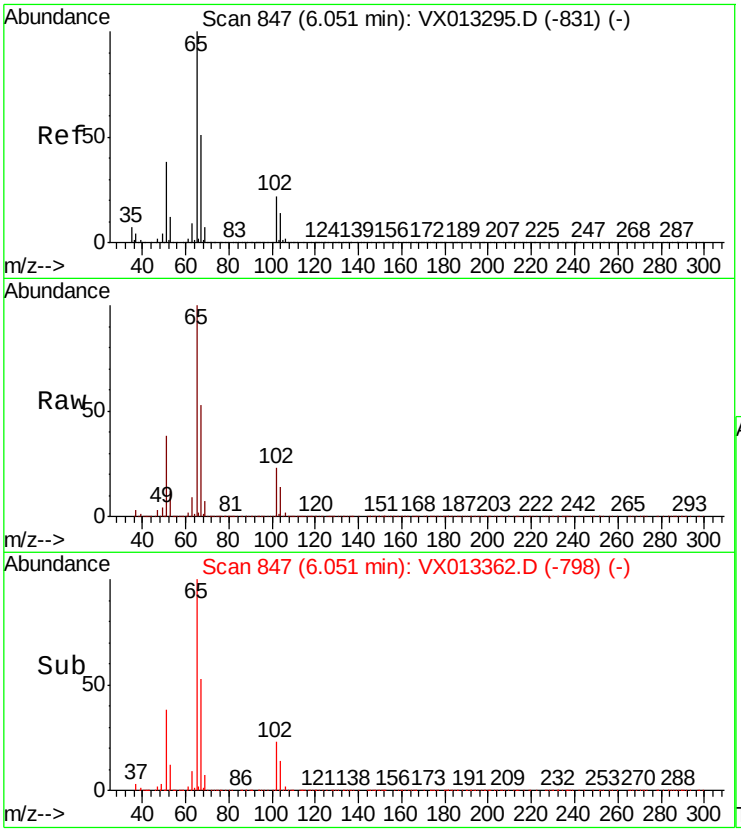


#30
Chloroform
Concen: 1.799 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 83 Resp: 25331

Ion	Ratio	Lower	Upper
83	100		
85	75.5	50.2	75.4#



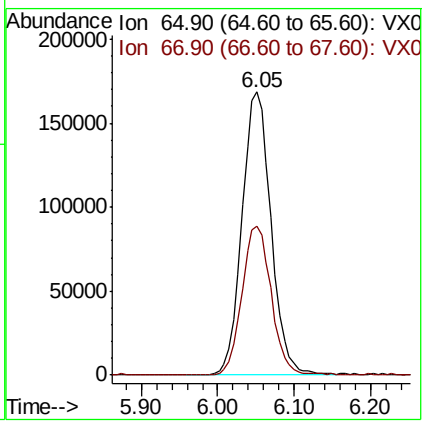


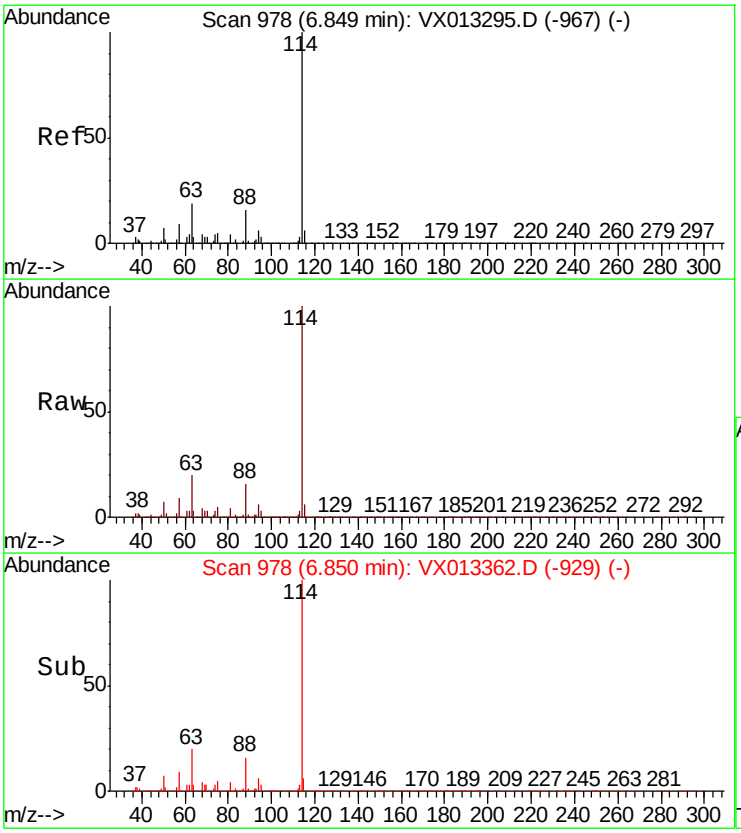
#33
1,2-Dichloroethane-d4
Concen: 47.419 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion: 65 Resp: 444970

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.2

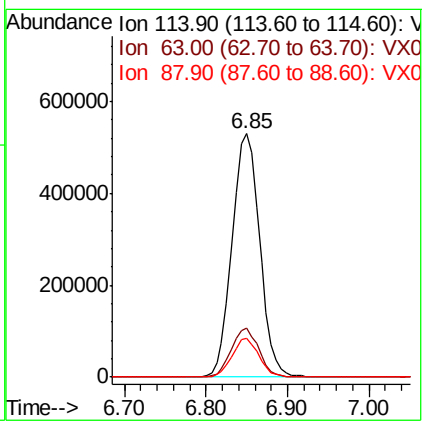


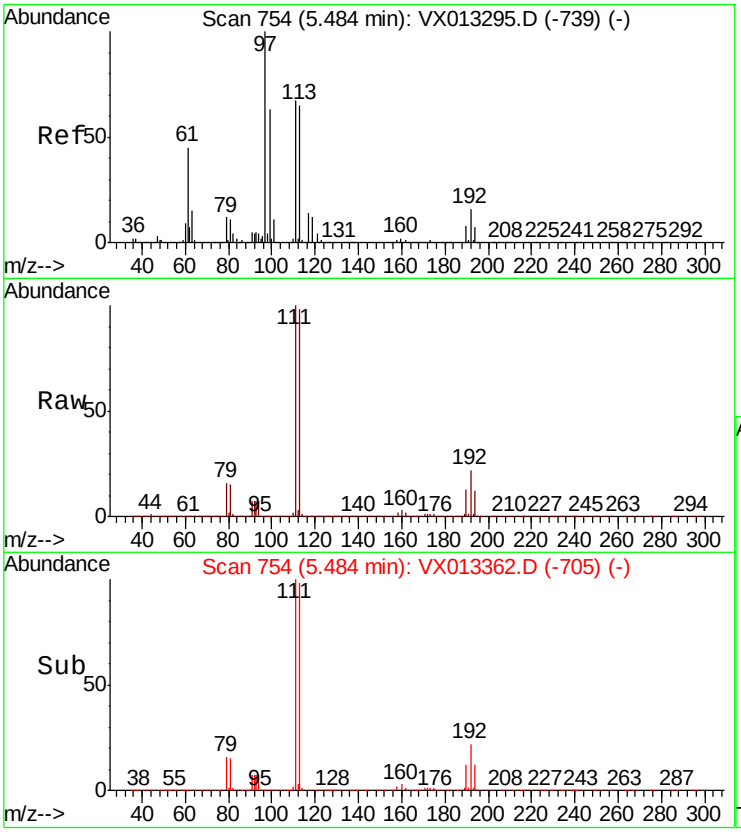


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion:114 Resp: 1241376

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.9	0.0	32.2



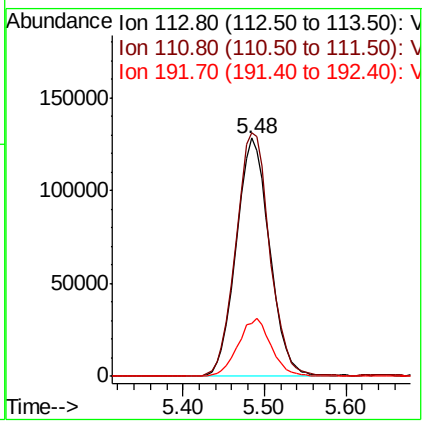


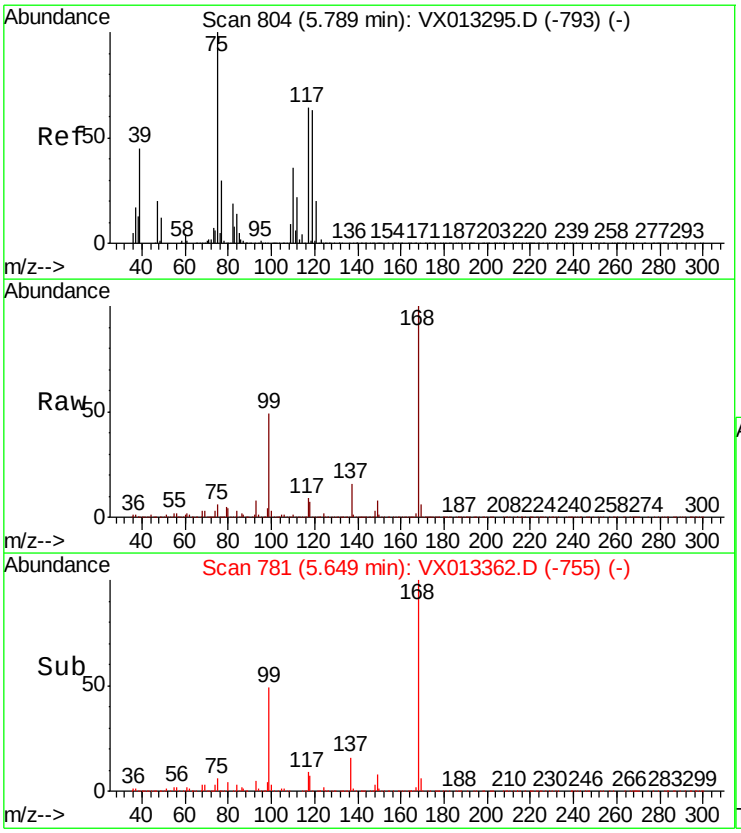
#35
Dibromofluoromethane
Concen: 46.545 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:113 Resp: 362400

Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	24.3	19.1	28.7

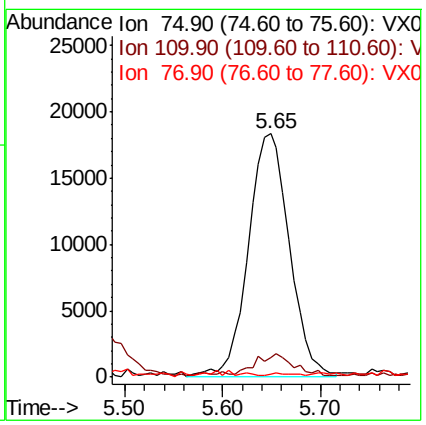


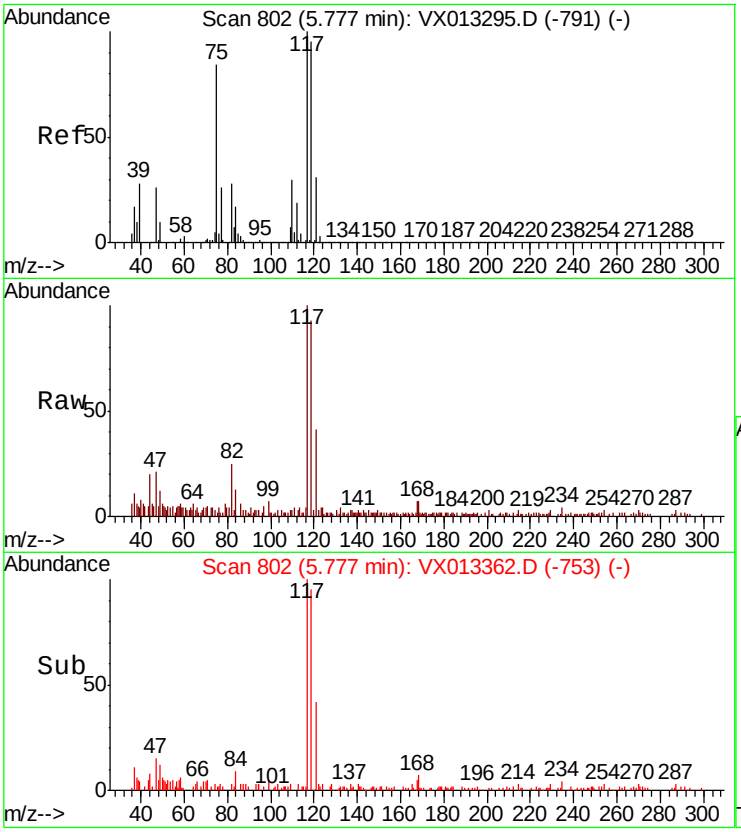


#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 75 Resp: 53763

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.5	25.0	37.4#



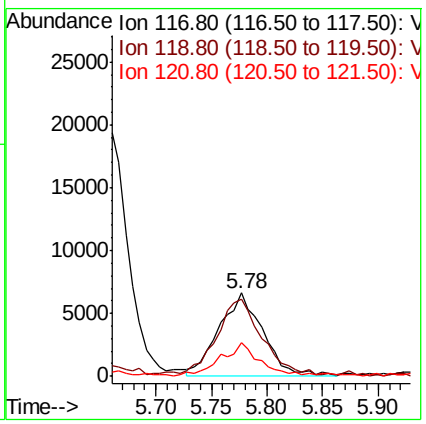


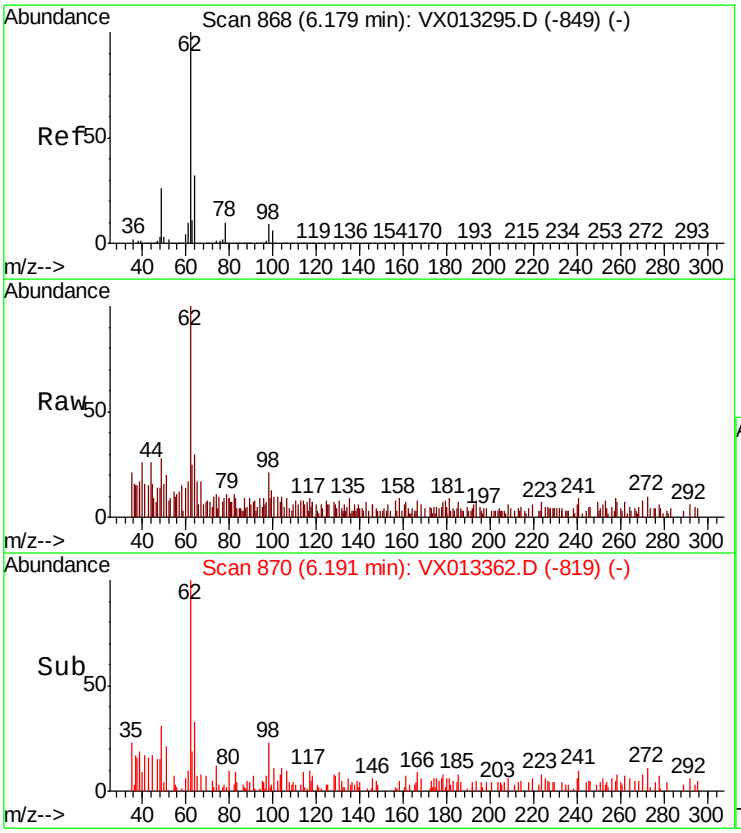
#38
Carbon Tetrachloride
Concen: 1.750 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:117 Resp: 18229

Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.1	114.1
121	37.9	24.6	37.0#

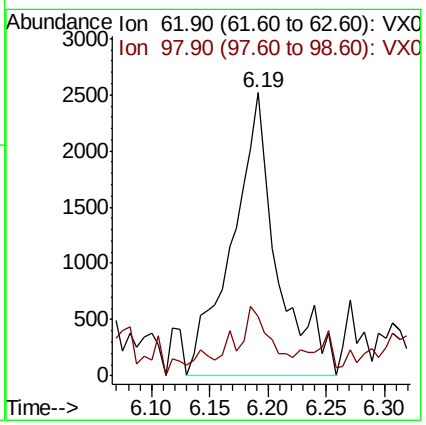


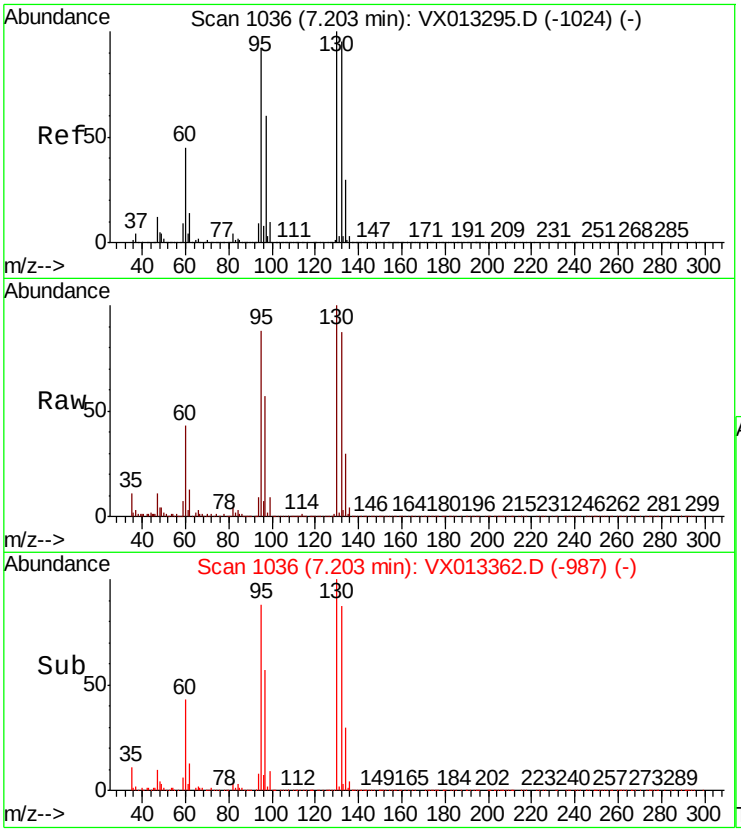


#42
1,2-Dichloroethane
Concen: 0.564 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 62 Resp: 6749

Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	19.4



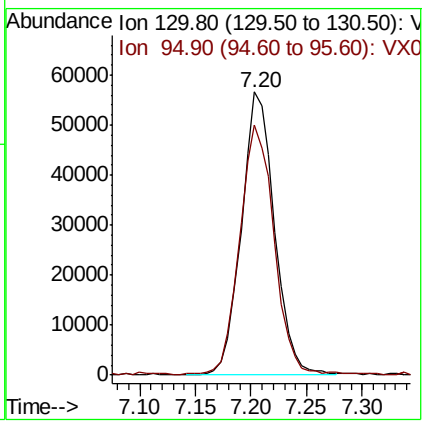


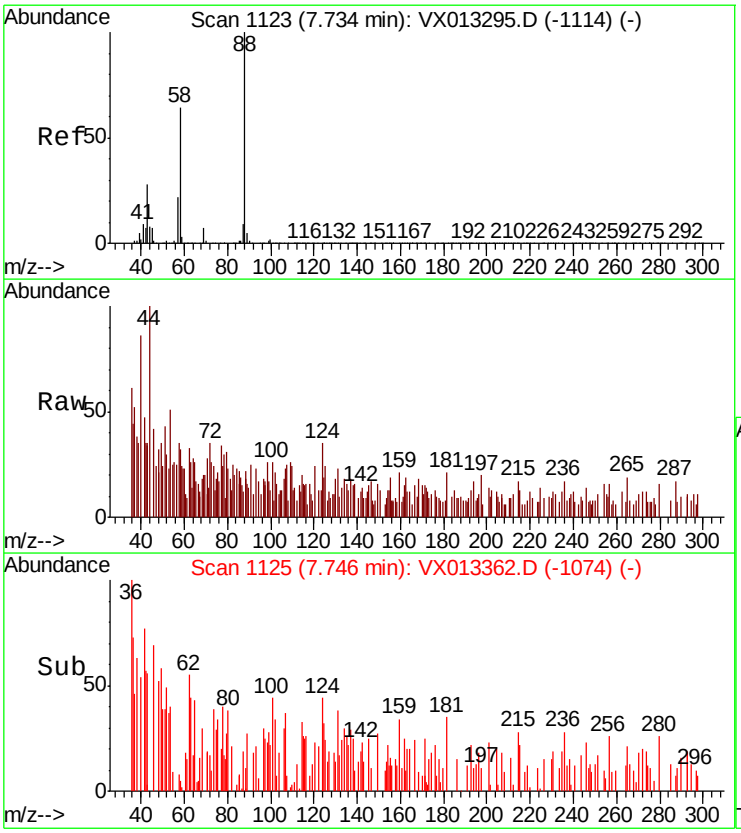
#44
Trichloroethene
Concen: 12.838 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:130 Resp: 117224

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	184.8

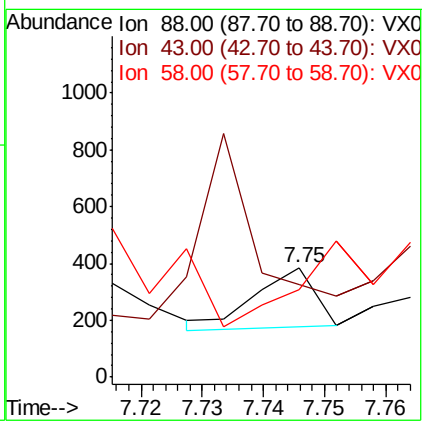


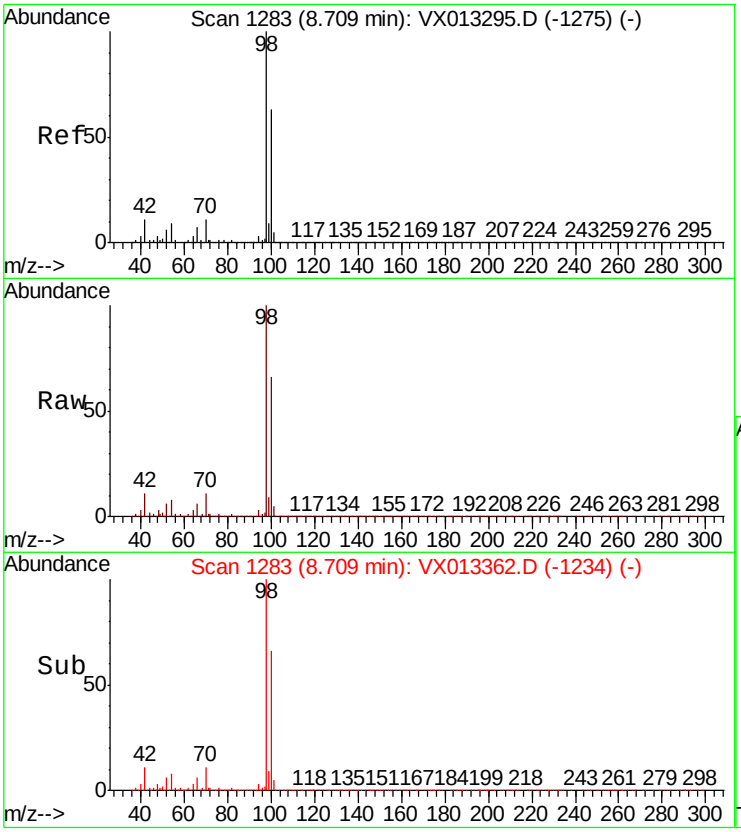


#49
1,4-Dioxane
Concen: 0.606 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 88 Resp: 142

Ion	Ratio	Lower	Upper
88	100		
43	366.2	26.6	39.8#
58	328.9	55.0	82.6#



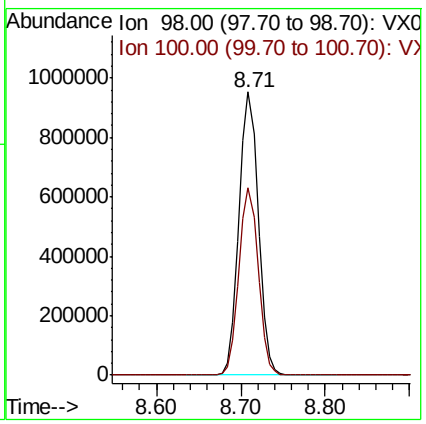


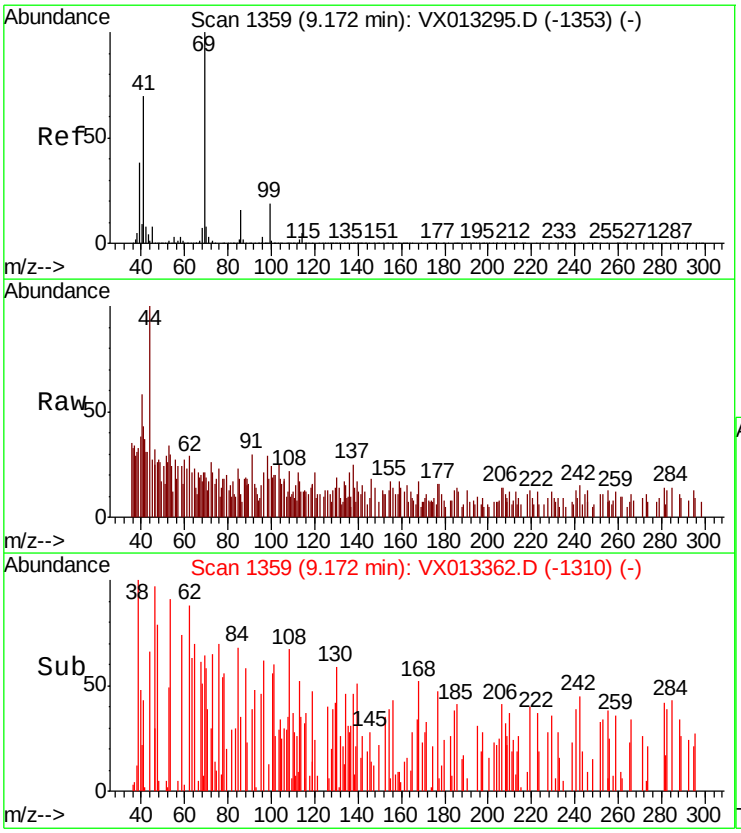
#50
Toluene-d8
Concen: 49.798 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument : MSVOA_X
ClientSampleId : MW-304-SRI4

Tgt Ion: 98 Resp: 1461711

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2

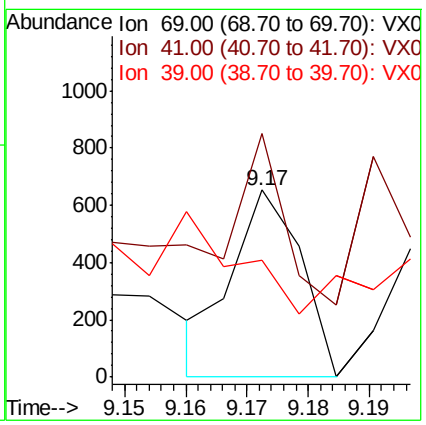


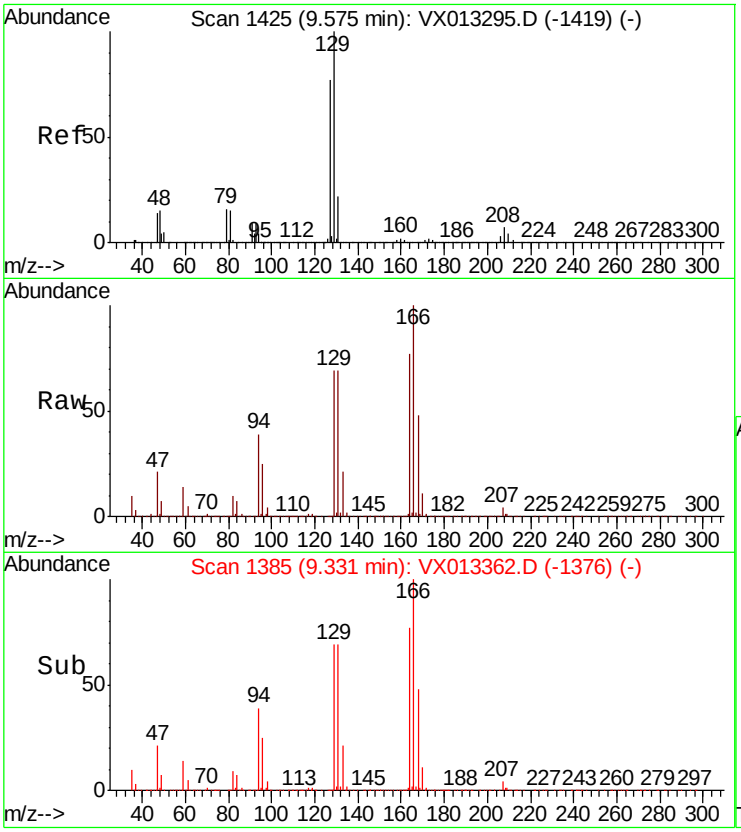


#56
Ethyl methacrylate
Concen: 1.597 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 69 Resp: 506

Ion	Ratio	Lower	Upper
69	100		
41	108.5	56.2	84.2#
39	0.0	31.1	46.7#



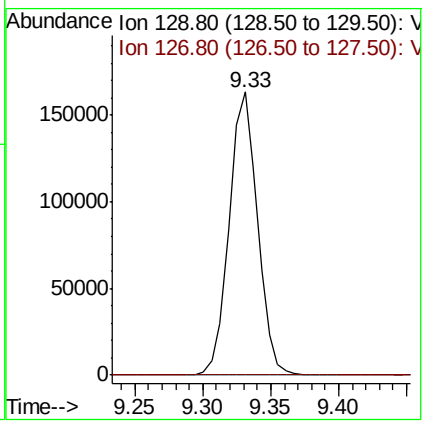


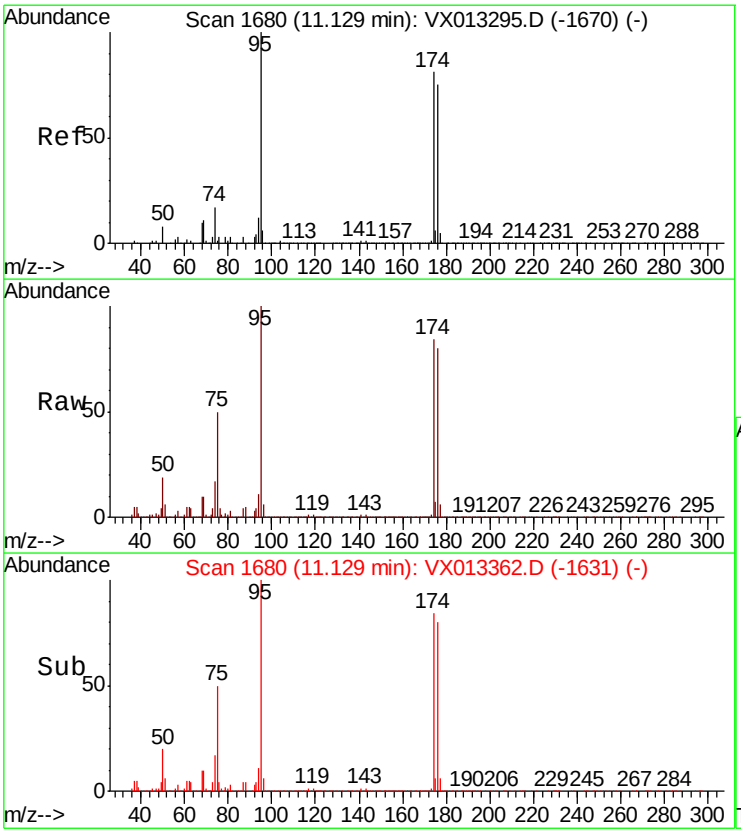
#60
Dibromochloromethane
Concen: 27.098 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.24 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:129 Resp: 236175

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

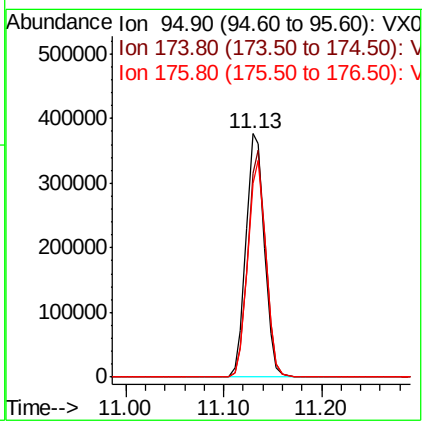


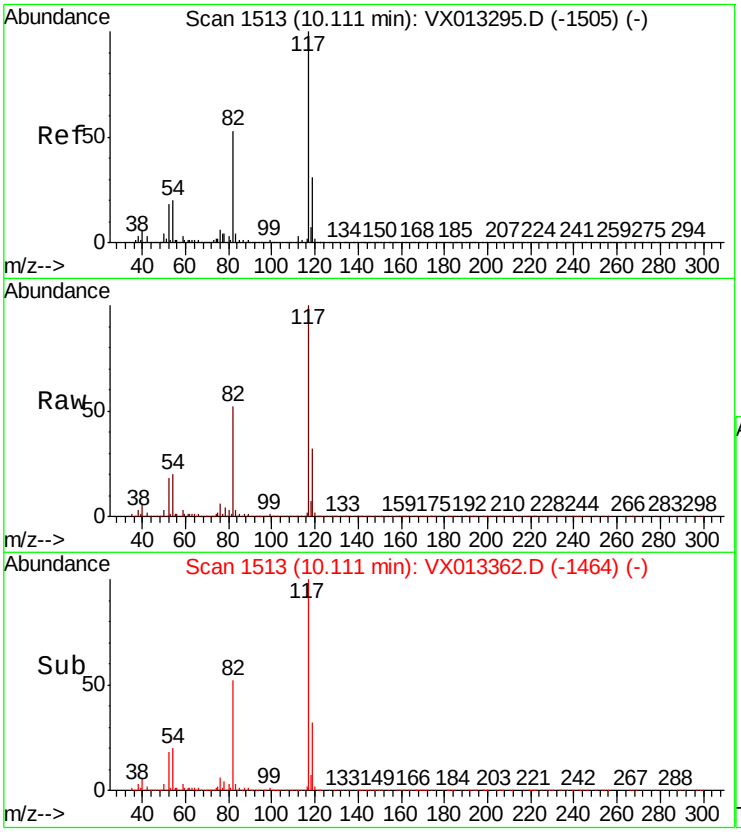


#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 95 Resp: 495358

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	179.8
176	87.6	0.0	173.0



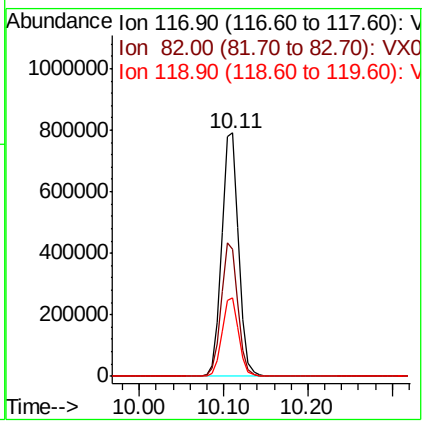


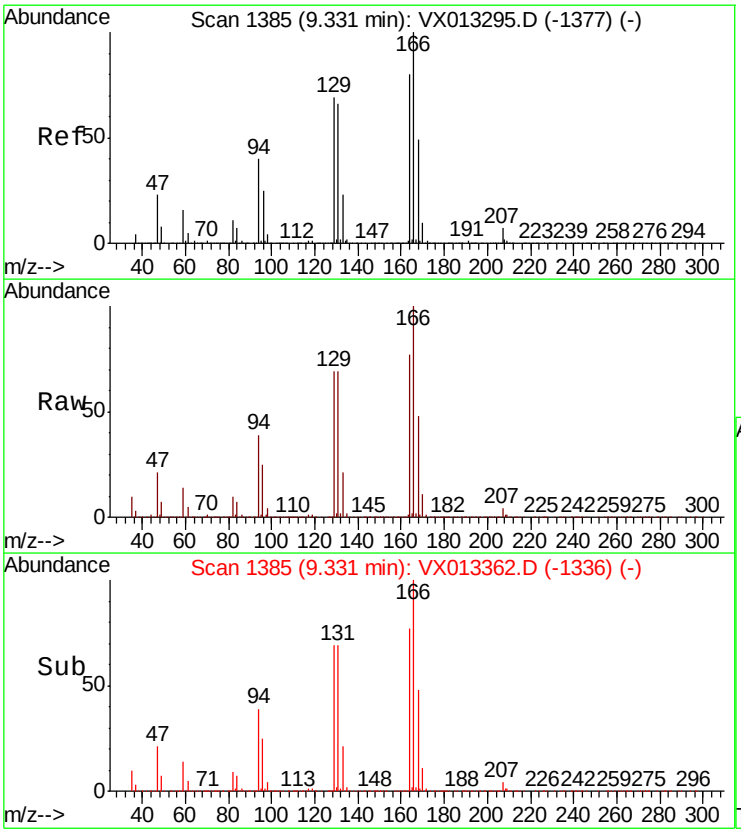
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:117 Resp: 1097693

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	64.0
119	32.5	24.8	37.2

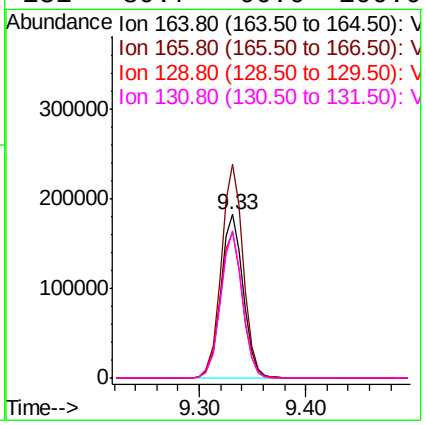


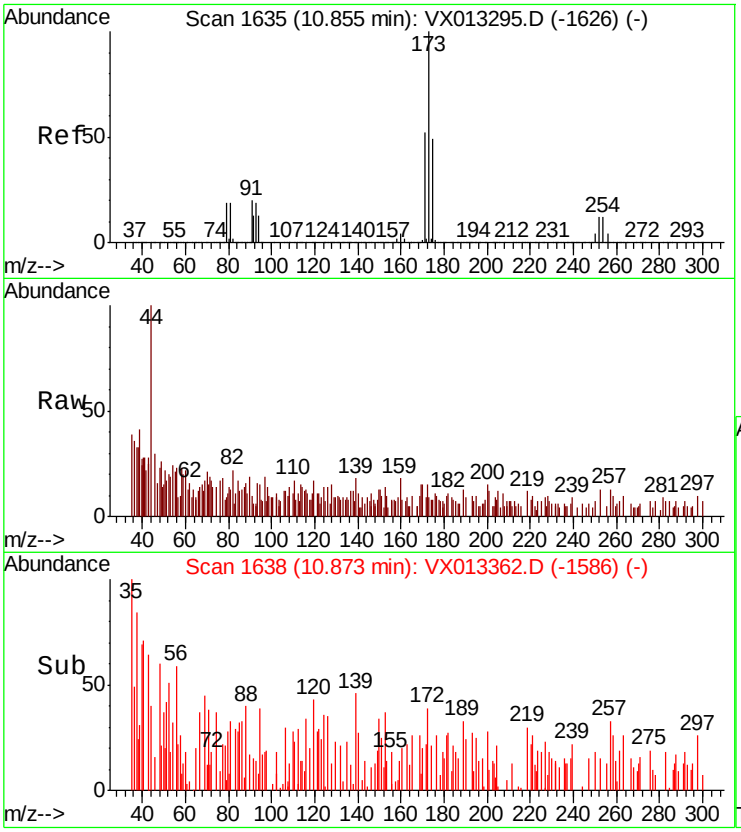


#64
Tetrachloroethene
Concen: 33.884 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion:164 Resp: 266265

Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.4	150.6
129	89.5	69.4	104.2
131	89.7	66.6	100.0



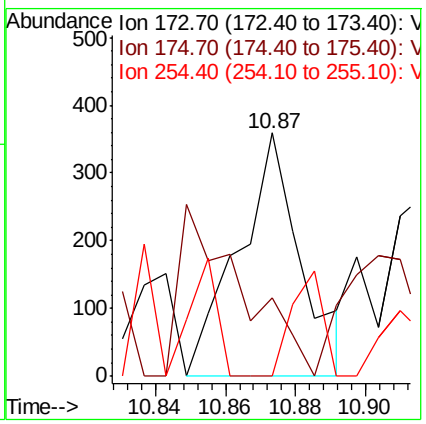


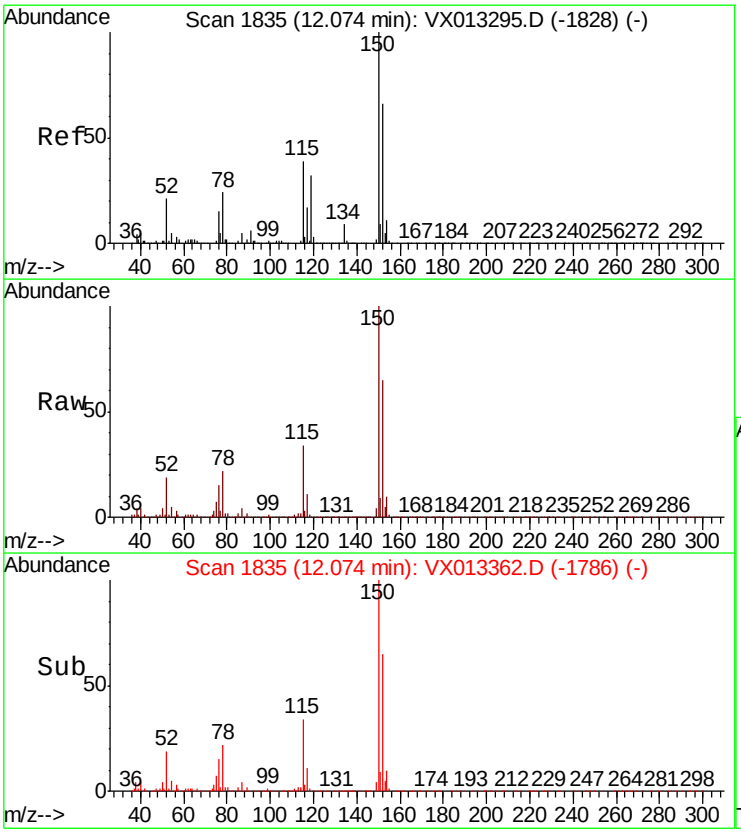
#71
Bromoform
Concen: 3.258 ug/l
RT: 10.87 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion:173 Resp: 447

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	21.5	0.2	0.2#

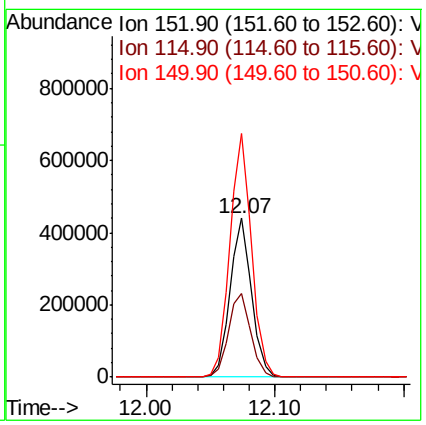


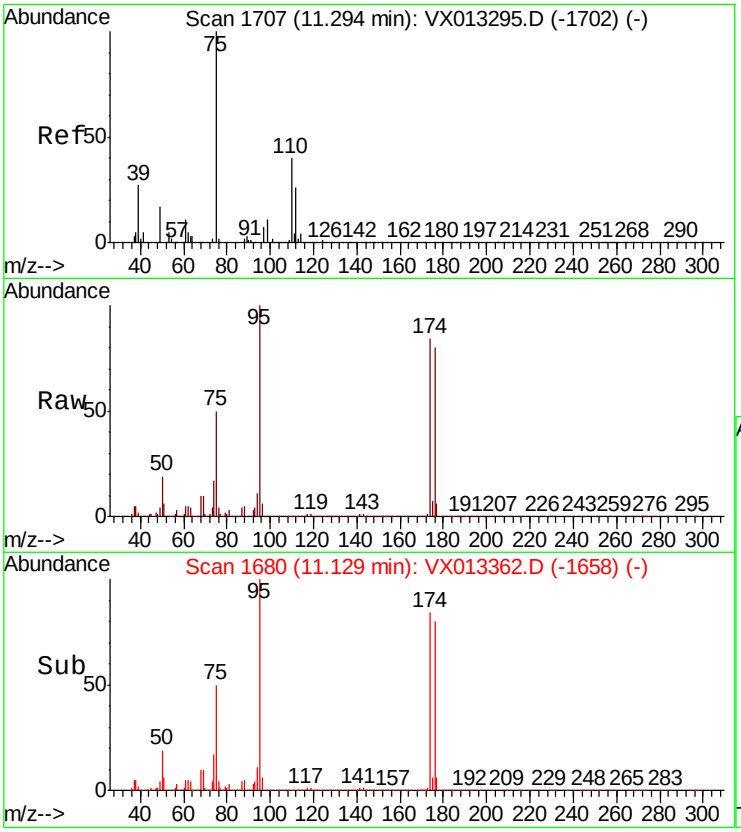


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion:152 Resp: 514576

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.5	118.3
150	154.5	0.0	344.4



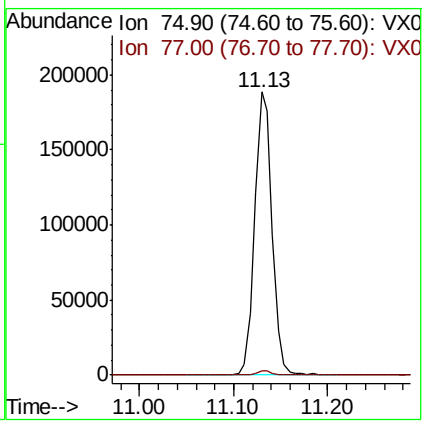


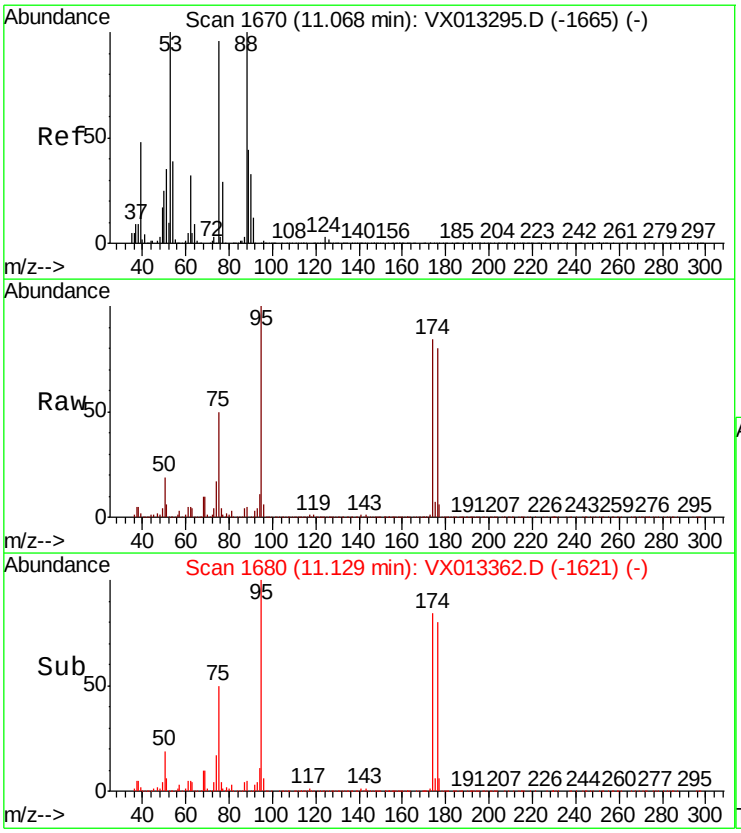
#76
1,2,3-Trichloropropane
Concen: 23.506 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-304-SRI4

Tgt Ion: 75 Resp: 245677

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.3	66.8#

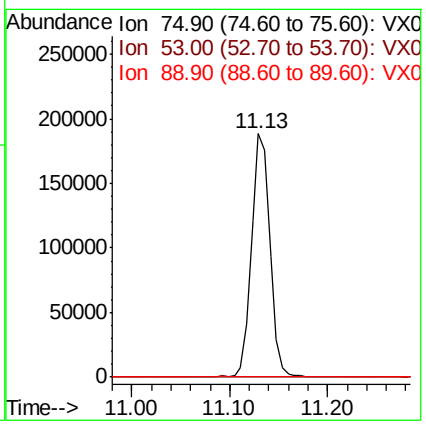


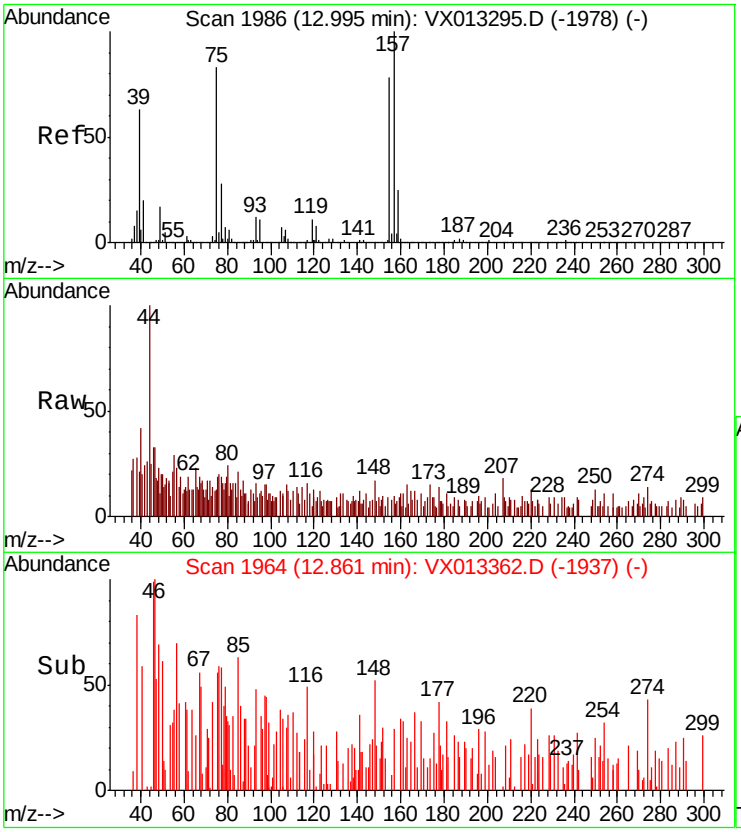


#81
trans-1,4-Dichloro-2-butene
Concen: 60.460 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion: 75 Resp: 245498

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.0	121.6#
89	0.2	36.0	54.0#



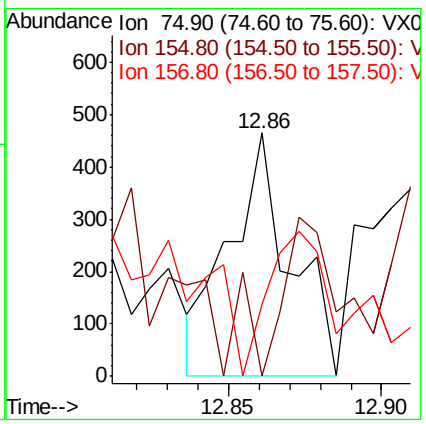


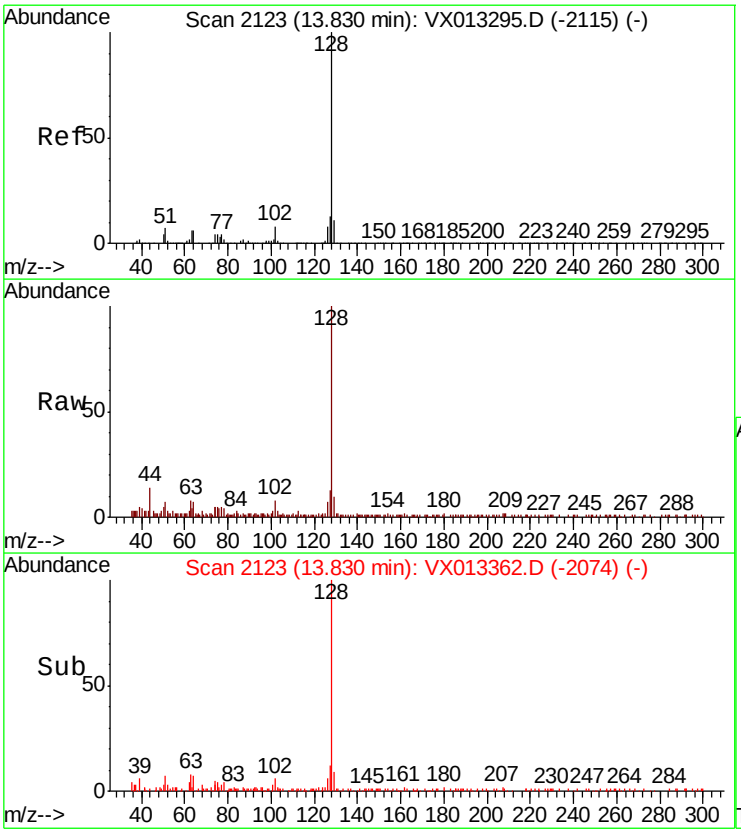
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.214 ug/l
RT: 12.86 min Scan# 1964
Delta R.T. -0.13 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Instrument : MSVOA_X
ClientSampleId : MW-304-SRI4

Tgt Ion: 75 Resp: 648

Ion	Ratio	Lower	Upper
75	100		
155	59.6	47.1	141.4
157	61.6	61.3	183.8





#95
Naphthalene
Concen: 0.543 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013362.D
Acq: 08 Nov 2019 17:01

Tgt Ion:128 Resp: 19252

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	14.4	8.5	12.7#