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

Quantitation Report (Not Reviewed)

Data File : VX013895.D
Acq On : 10 Dec 2019 14:03
Operator : JC/SP
Sample : K6186-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Quant Time: Dec 11 02:24:17 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	596824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	915639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	814081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	334201	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
35) Dibromofluoromethane	5.49	113	278215	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.30%			
50) Toluene-d8	8.71	98	1088779	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
62) 4-Bromofluorobenzene	11.14	95	364744	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.72%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	1197	0.212	ug/l #	49
6) Chloroethane	1.69	64	1132	0.237	ug/l #	51
8) Diethyl Ether	2.16	74	1115	0.265	ug/l	90
11) Tert butyl alcohol	3.01	59	166440	97.333	ug/l #	80
13) Acrolein	2.30	56	559	6.481	ug/l #	39
16) Acetone	2.43	43	24381	7.128	ug/l	90
18) Methyl Acetate	2.76	43	4175	0.438	ug/l #	81
19) Methyl tert-butyl Ether	3.19	73	6865	0.365	ug/l #	79
20) Methylene Chloride	2.84	84	4245	0.646	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	1666	0.269	ug/l #	53
24) 1,1-Dichloroethane	3.69	63	2690	0.248	ug/l #	80
25) 2-Butanone	4.67	43	11723	2.306	ug/l #	78
27) cis-1,2-Dichloroethene	4.59	96	53994	7.599	ug/l	89
29) Tetrahydrofuran	5.13	42	14945	4.769	ug/l	92
36) 1,1-Dichloropropene	5.65	75	41038	4.937	ug/l #	50
38) Carbon Tetrachloride	5.65	117	51209	6.682	ug/l #	15
42) 1,2-Dichloroethane	6.21	62	1829	0.212	ug/l #	72
43) Isopropyl Acetate	6.44	43	14789	0.963	ug/l #	93
49) 1,4-Dioxane	7.74	88	224	1.342	ug/l #	24
51) 4-Methyl-2-Pentanone	8.61	43	3652	0.378	ug/l #	35
59) 2-Hexanone	9.54	43	1542	0.205	ug/l	86
76) 1,2,3-Trichloropropane	11.13	75	177676	21.854	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	177676	59.787	ug/l #	11

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

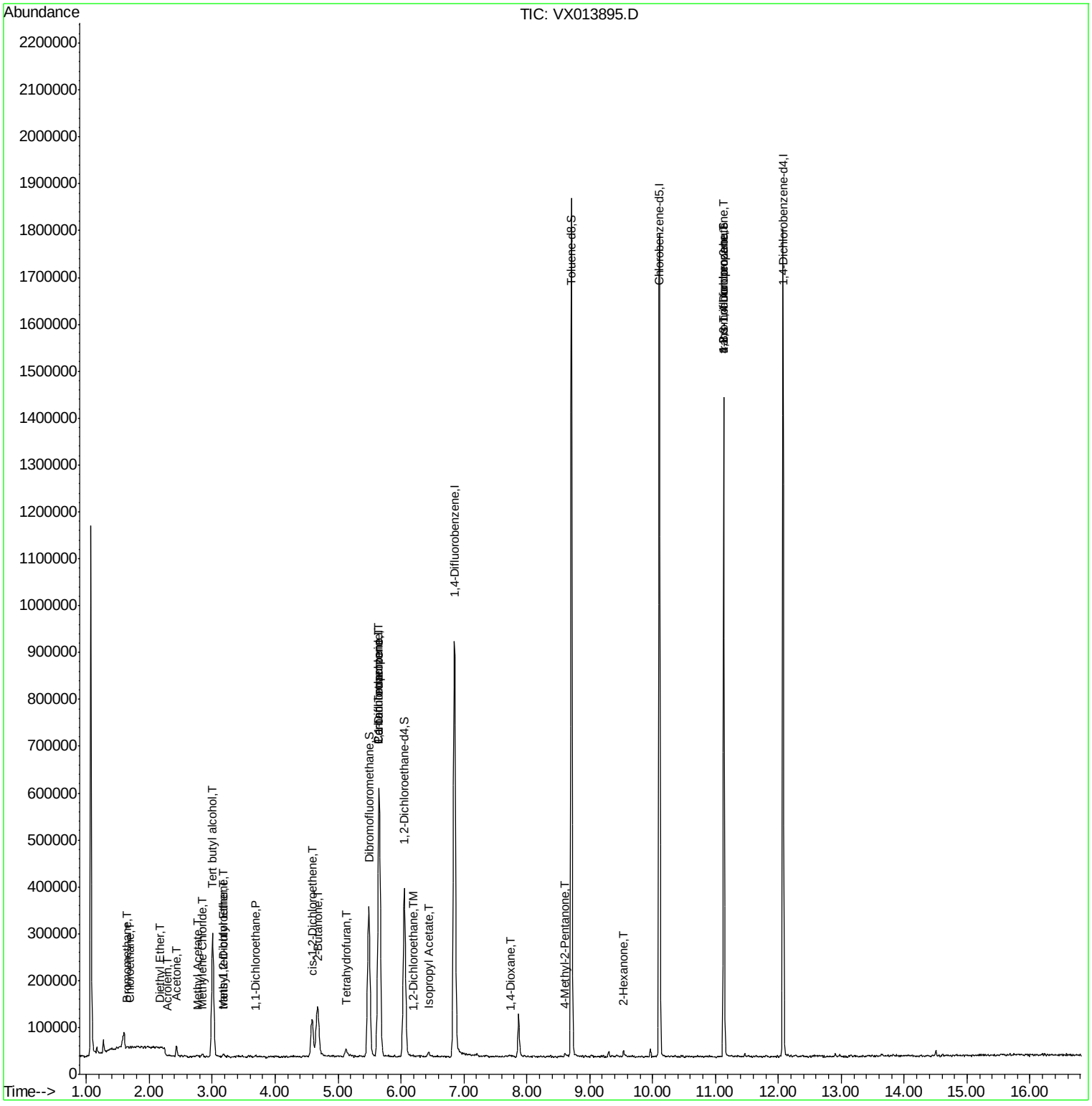
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

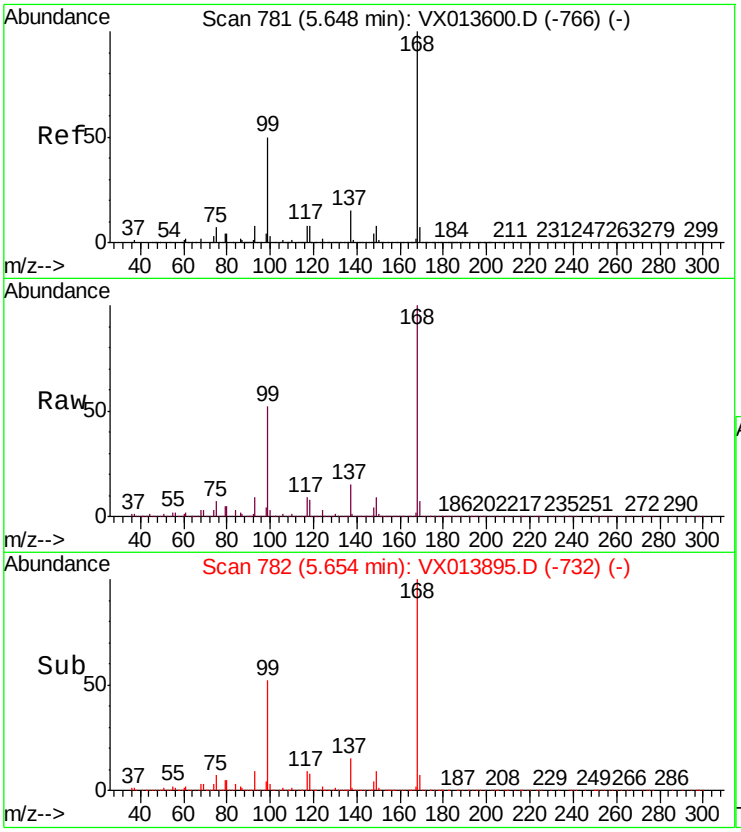
Quantitation Report (Not Reviewed)

Data File : VX013895.D
Acq On : 10 Dec 2019 14:03
Operator : JC/SP
Sample : K6186-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Quant Time: Dec 11 02:24:17 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



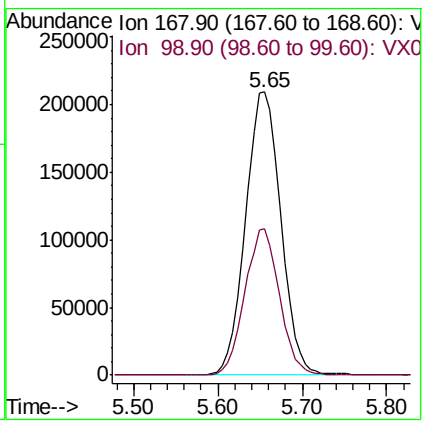


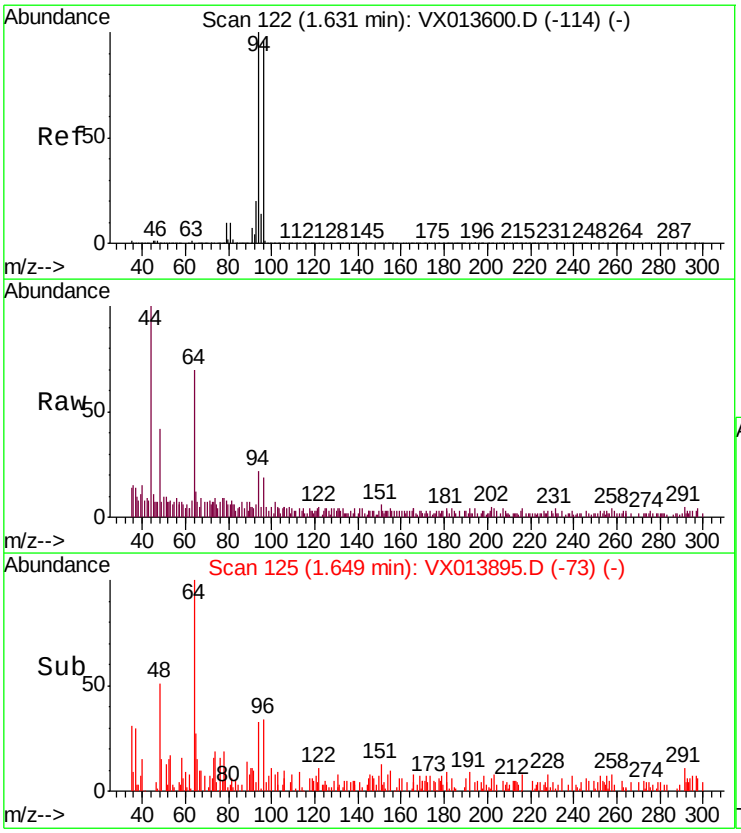
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion:168 Resp: 596824

Ion	Ratio	Lower	Upper
168	100		
99	51.7	39.8	59.8

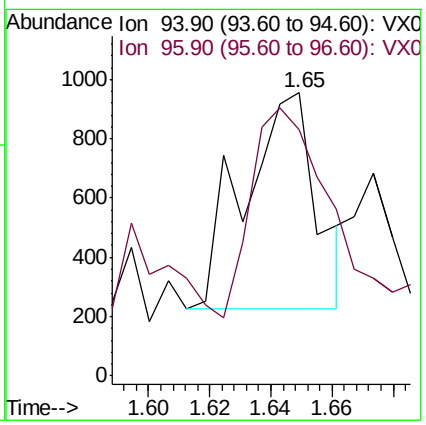


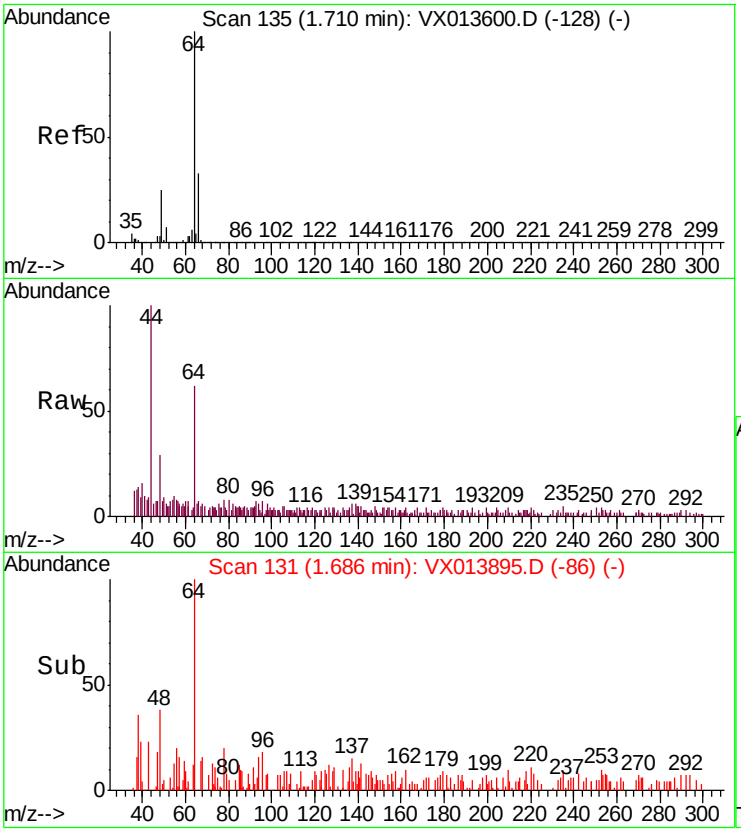


#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 94 Resp: 1197

Ion	Ratio	Lower	Upper
94	100		
96	46.5	77.0	115.4#



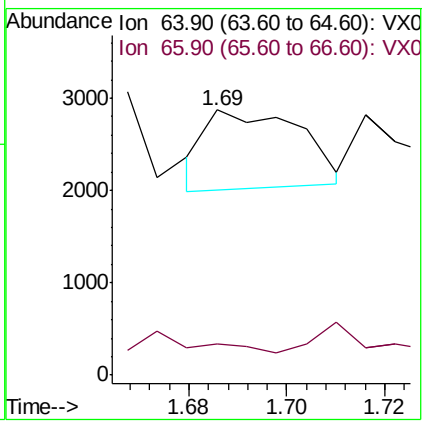


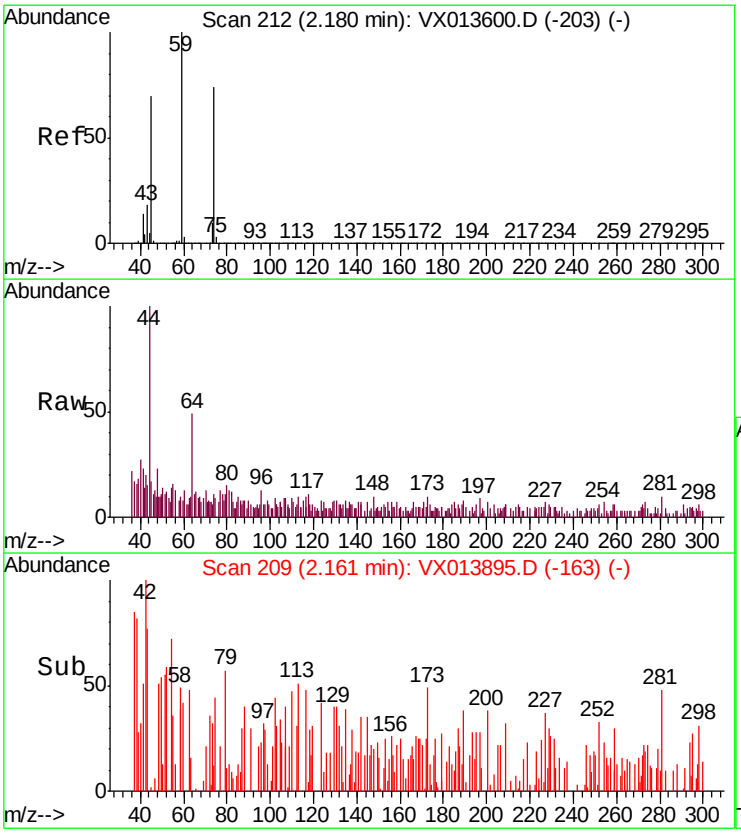
#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 64 Resp: 1132

Ion	Ratio	Lower	Upper
64	100		
66	5.8	26.7	40.1#

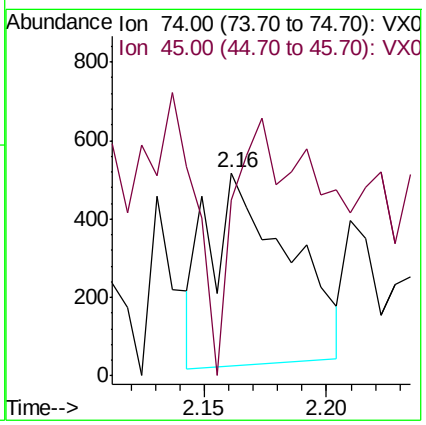


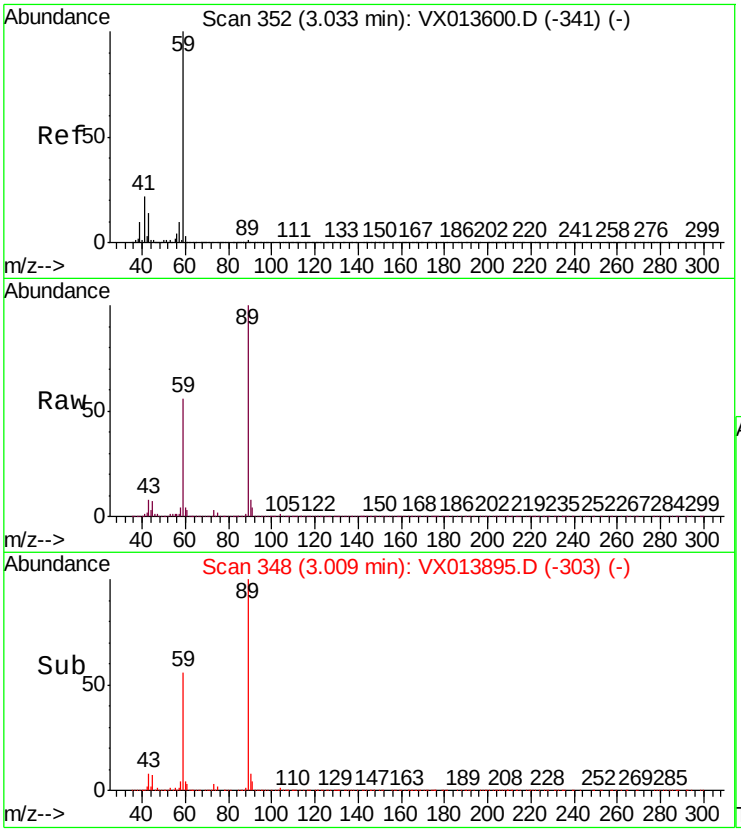


#8
Diethyl Ether
Concen: 0.265 ug/l
RT: 2.16 min Scan# 209
Delta R.T. -0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 74 Resp: 1115

Ion	Ratio	Lower	Upper
74	100		
45	87.9	48.9	146.8



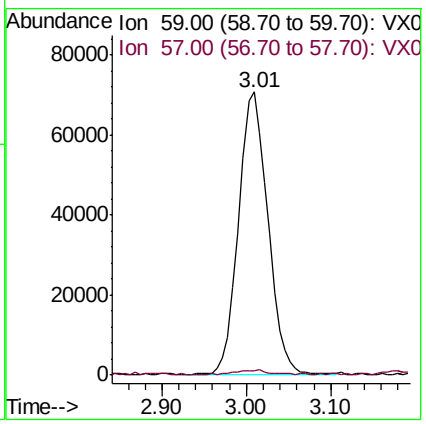


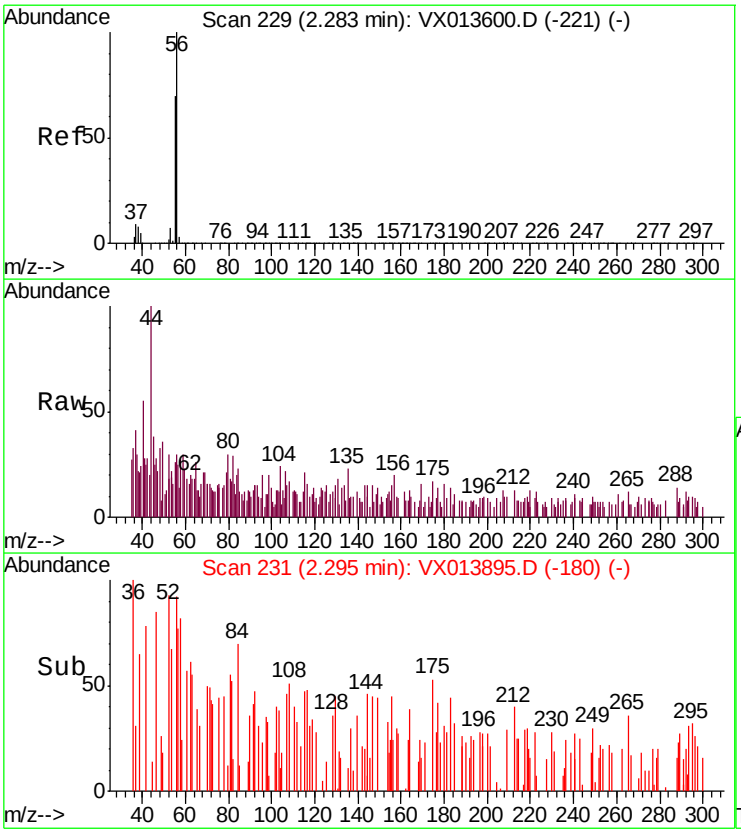
#11
Tert butyl alcohol
Concen: 97.333 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 59 Resp: 166440

Ion	Ratio	Lower	Upper
59	100		
57	2.4	7.8	11.6#

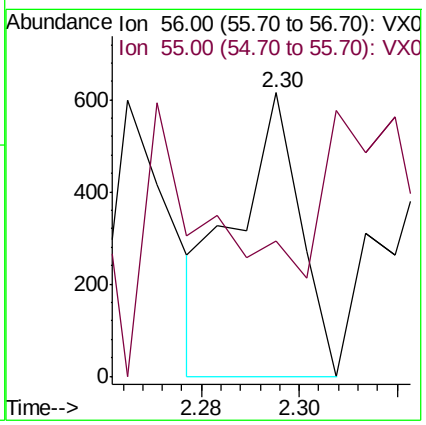


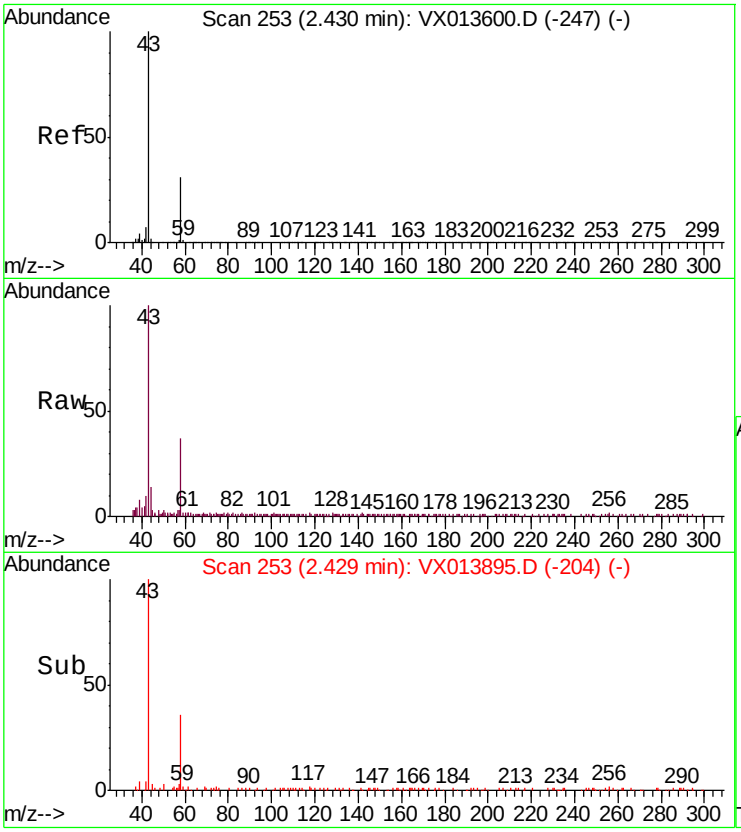


#13
Acrolein
Concen: 6.481 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 56 Resp: 559

Ion	Ratio	Lower	Upper
56	100		
55	120.8	56.2	84.4#



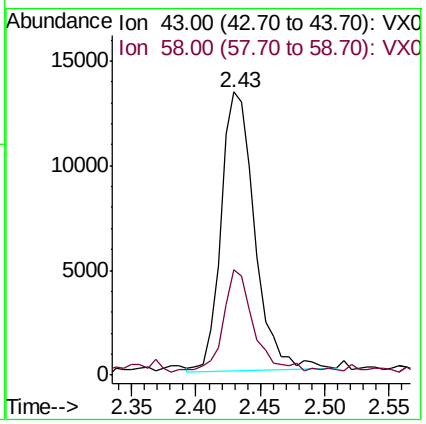


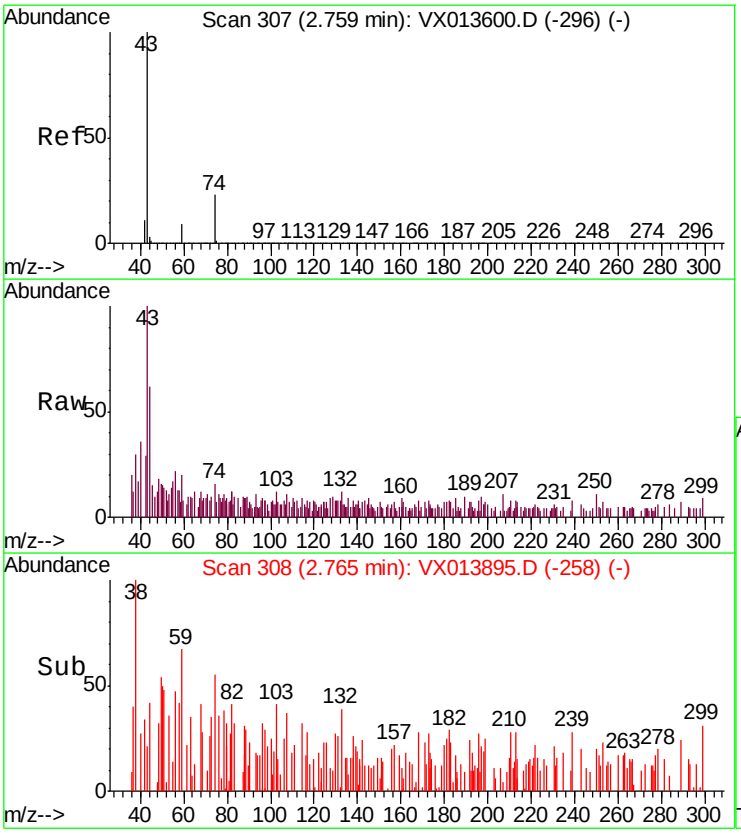
#16
Acetone
Concen: 7.128 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 43 Resp: 24381

Ion	Ratio	Lower	Upper
43	100		
58	36.0	24.6	36.8

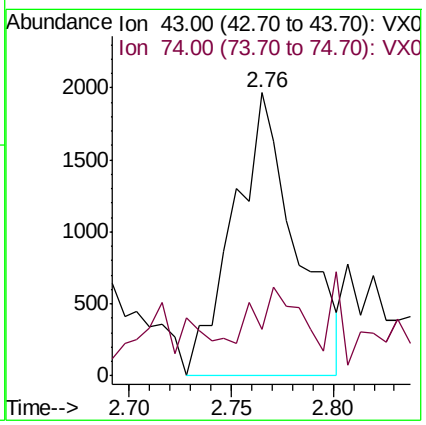


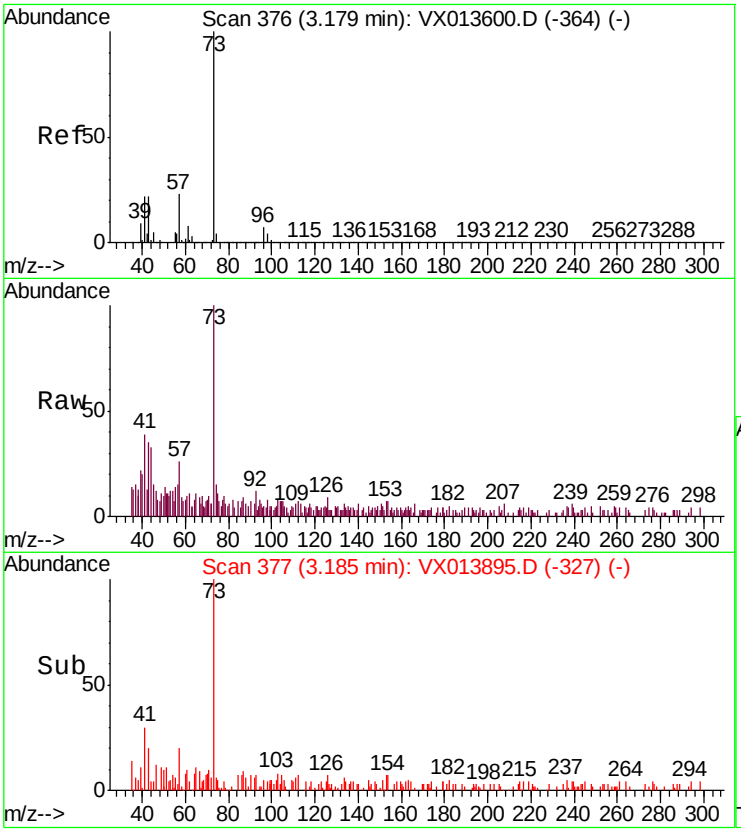


#18
Methyl Acetate
Concen: 0.438 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 43 Resp: 4175

Ion	Ratio	Lower	Upper
43	100		
74	15.1	19.5	29.3#



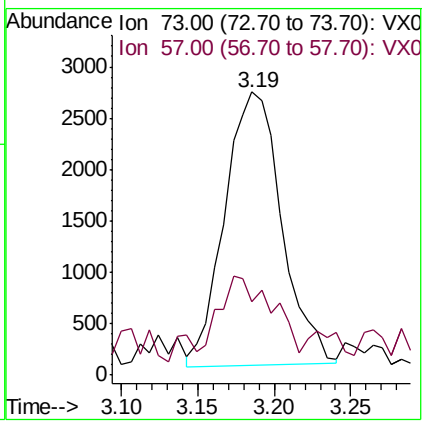


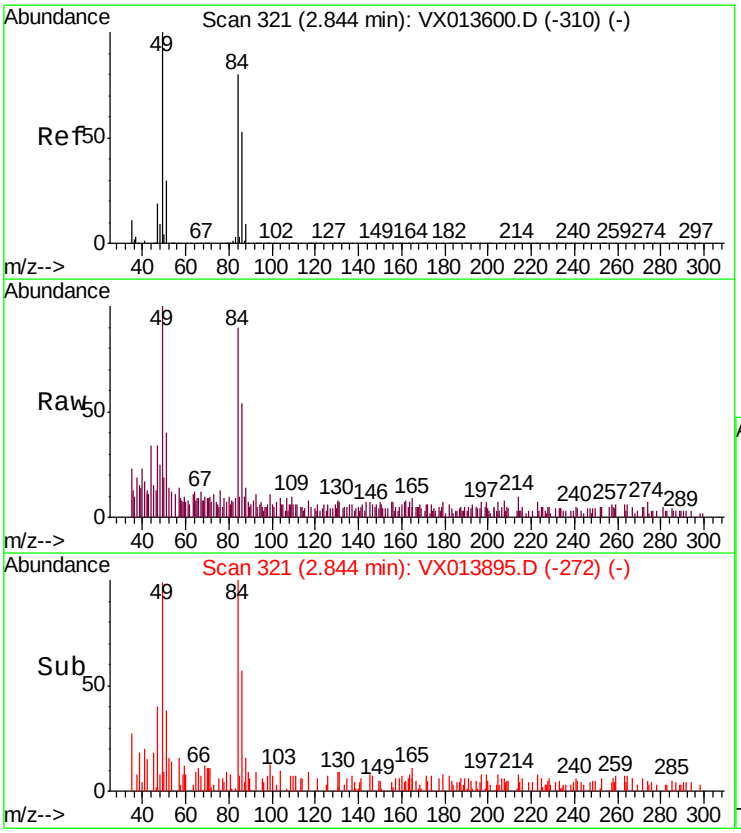
#19
Methyl tert-butyl Ether
Concen: 0.365 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 73 Resp: 6865

Ion	Ratio	Lower	Upper
73	100		
57	12.7	18.3	27.5#

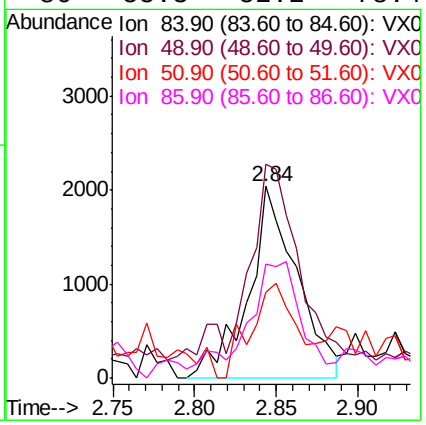


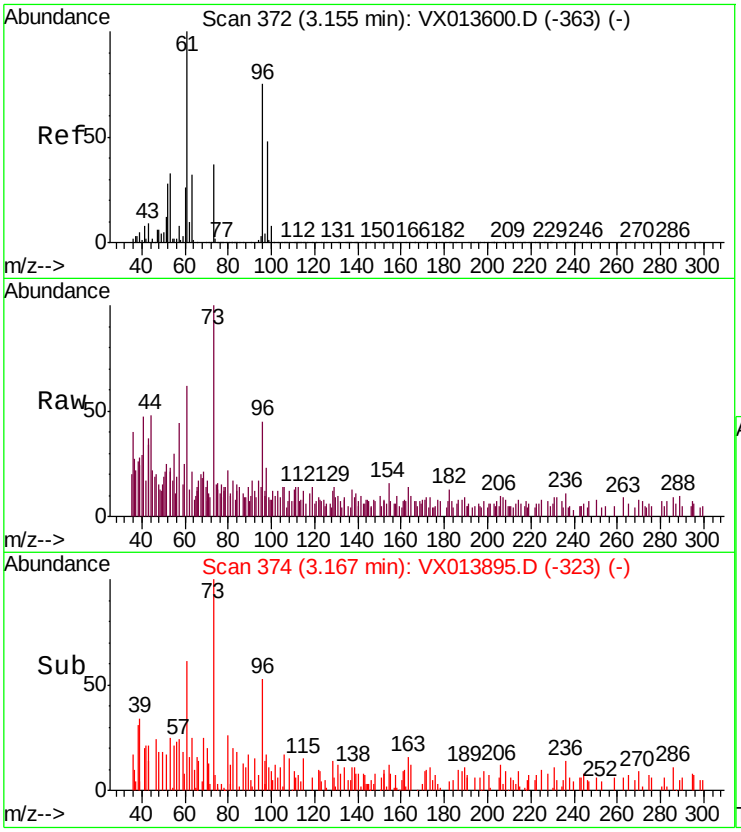


#20
Methylene Chloride
Concen: 0.646 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 84 Resp: 4245

Ion	Ratio	Lower	Upper
84	100		
49	96.4	99.7	149.5#
51	32.1	29.9	44.9
86	55.3	52.2	78.4



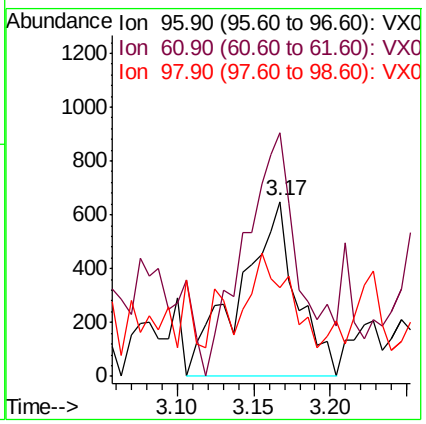


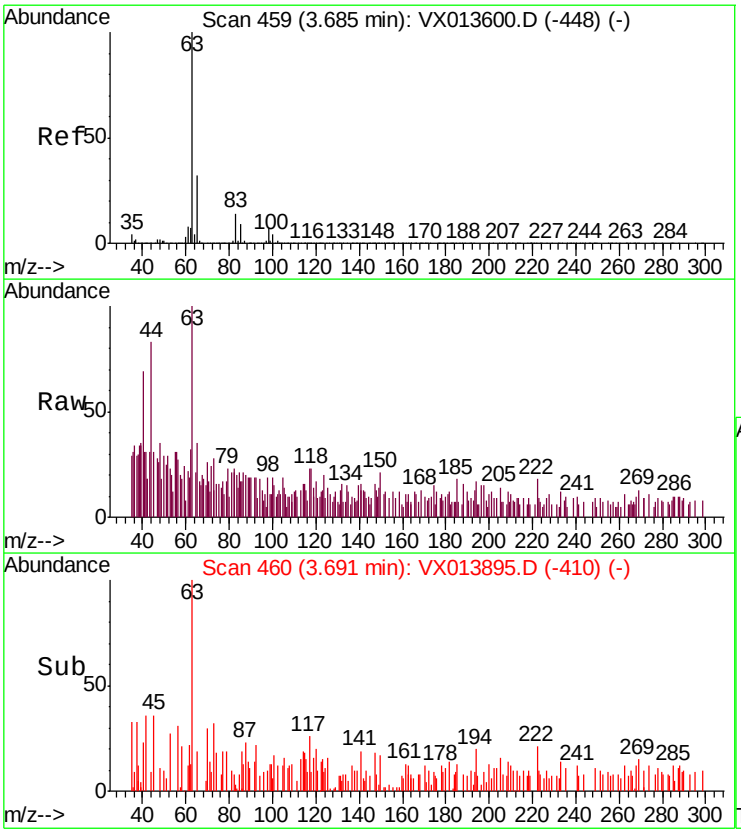
#21
trans-1,2-Dichloroethene
Concen: 0.269 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 96 Resp: 1666

Ion	Ratio	Lower	Upper
96	100		
61	85.1	107.2	160.8#
98	18.8	51.4	77.0#

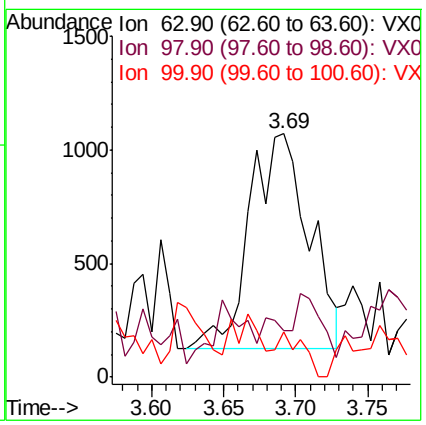


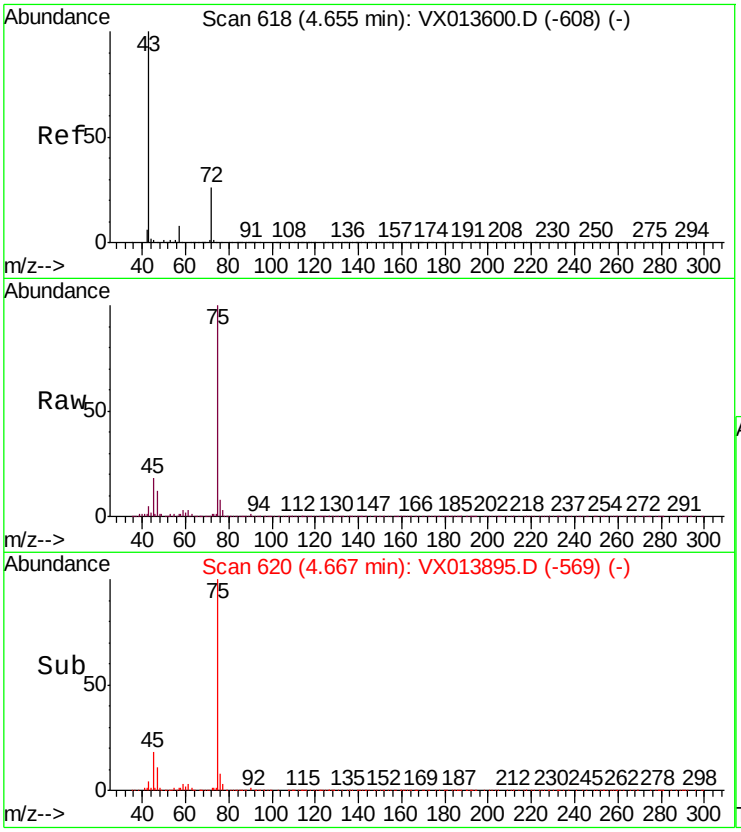


#24
1,1-Dichloroethane
Concen: 0.248 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 63 Resp: 2690

Ion	Ratio	Lower	Upper
63	100		
98	15.0	3.5	10.4#
100	8.8	2.1	6.3#



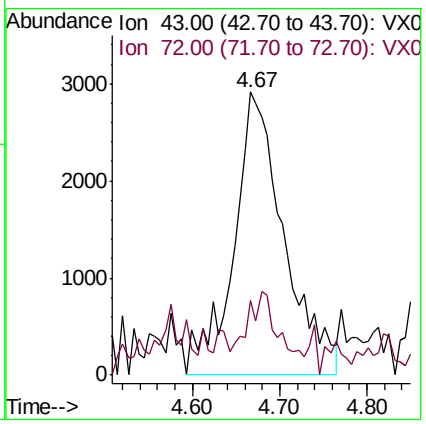


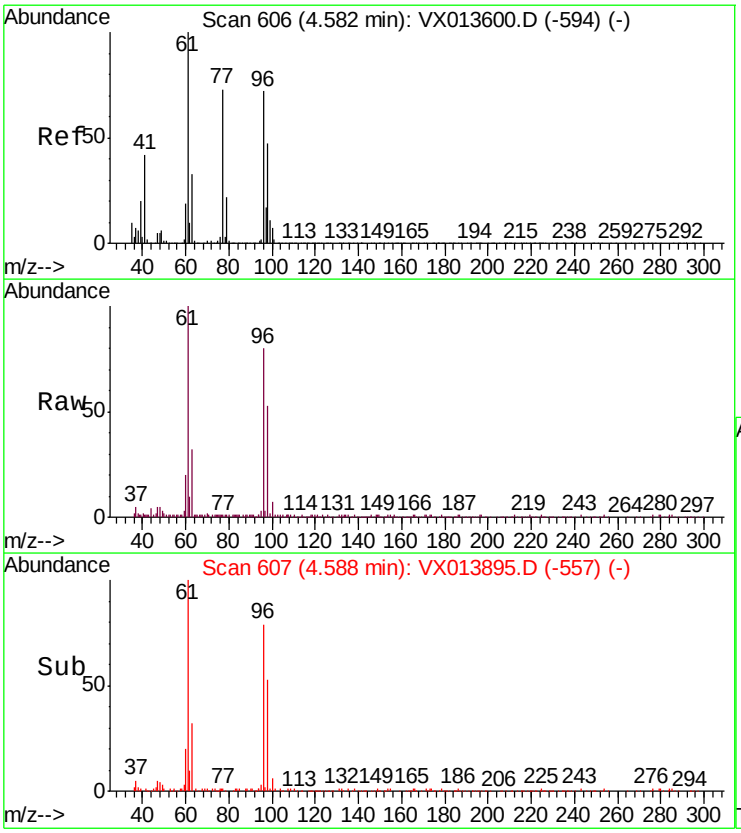
#25
2-Butanone
Concen: 2.306 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 43 Resp: 11723

Ion	Ratio	Lower	Upper
43	100		
72	14.5	20.6	31.0#

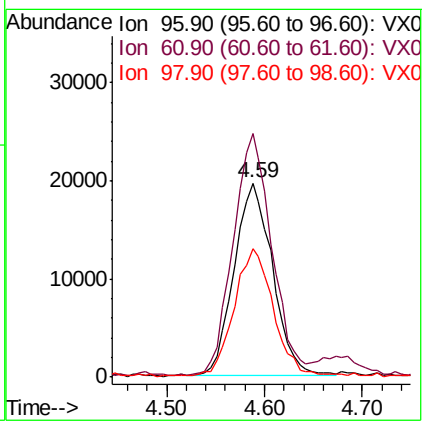


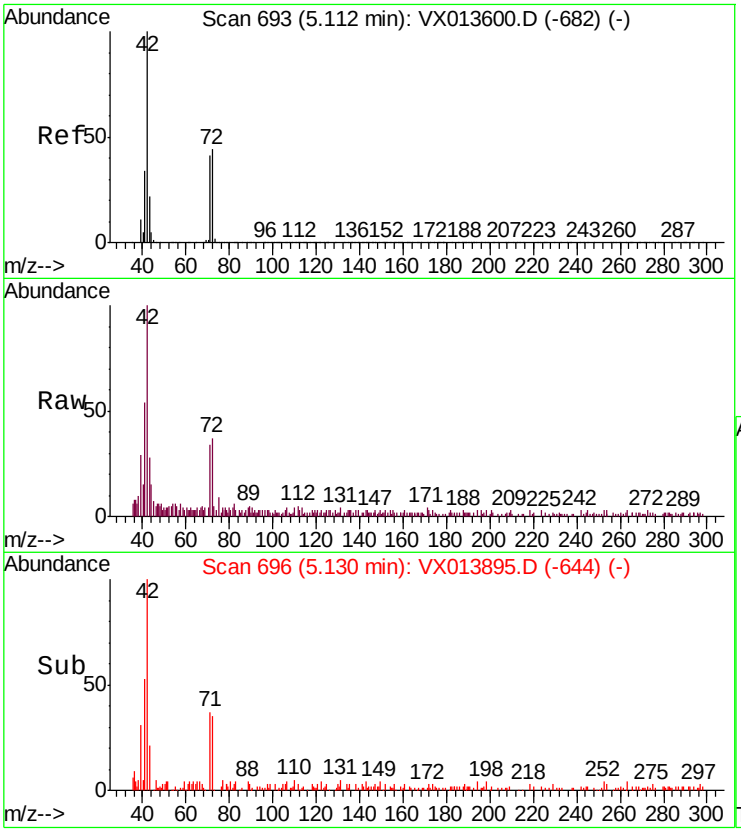


#27
cis-1,2-Dichloroethene
Concen: 7.599 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 96 Resp: 53994

Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	286.4
98	65.1	0.0	127.4



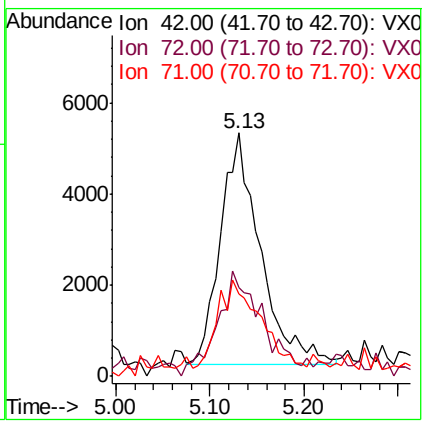


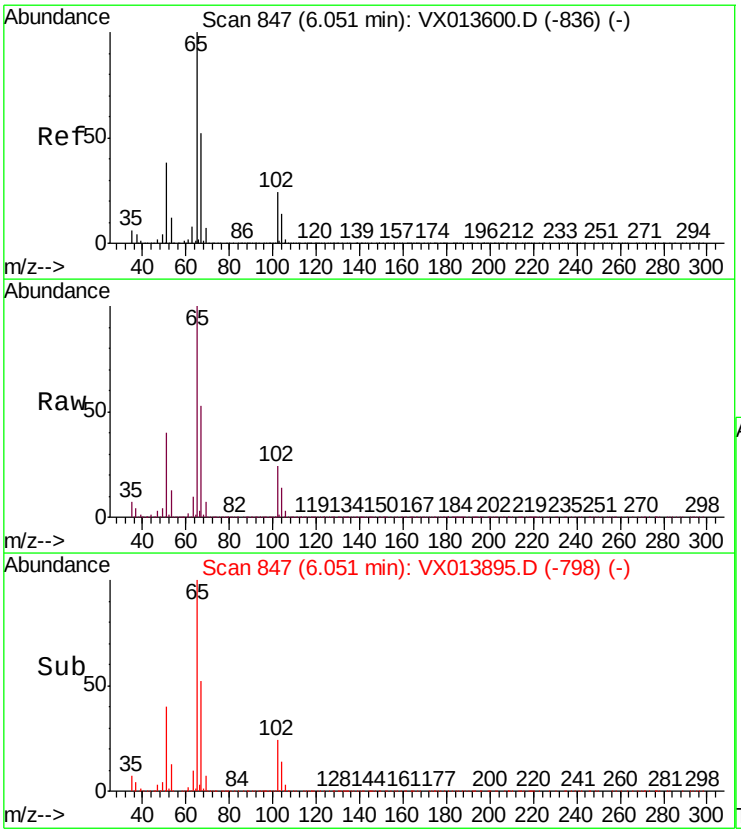
#29
Tetrahydrofuran
Concen: 4.769 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 42 Resp: 14945

Ion	Ratio	Lower	Upper
42	100		
72	51.3	36.3	54.5
71	45.7	33.2	49.8

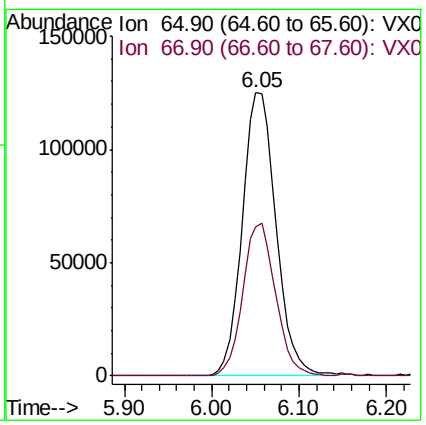


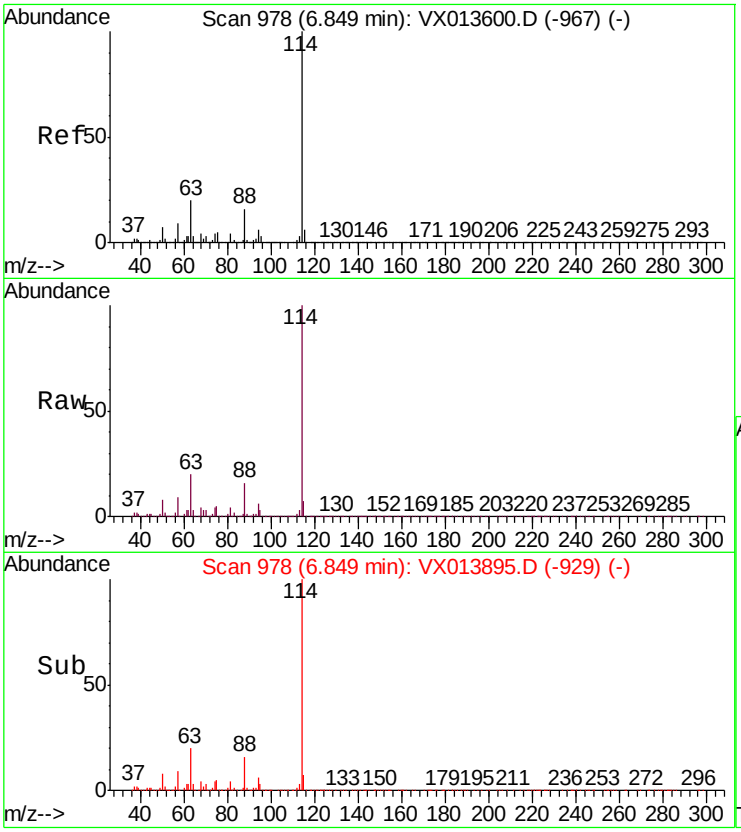


#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 65 Resp: 334201

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4



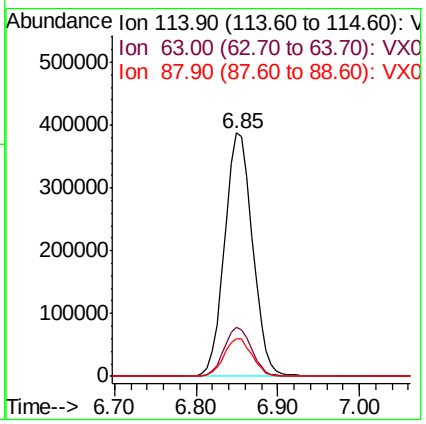


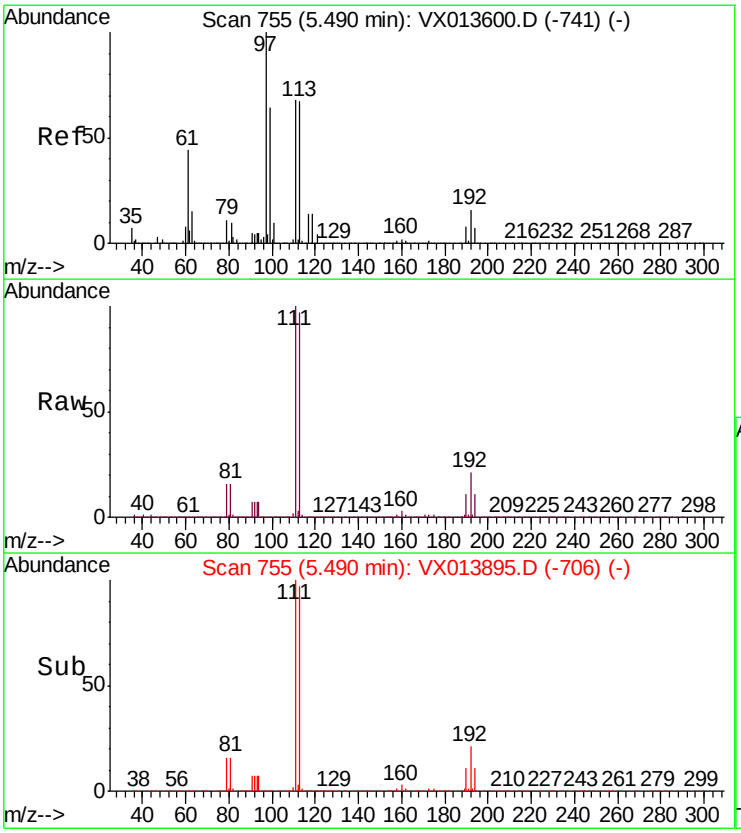
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion:114 Resp: 915639

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.6	0.0	31.4

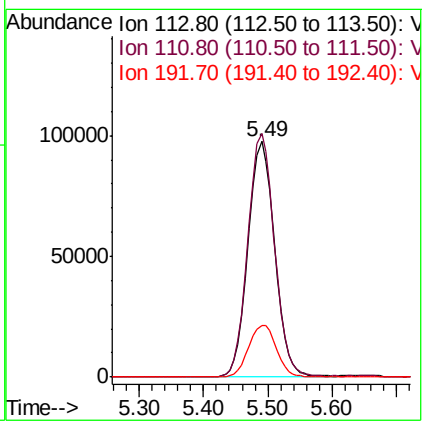


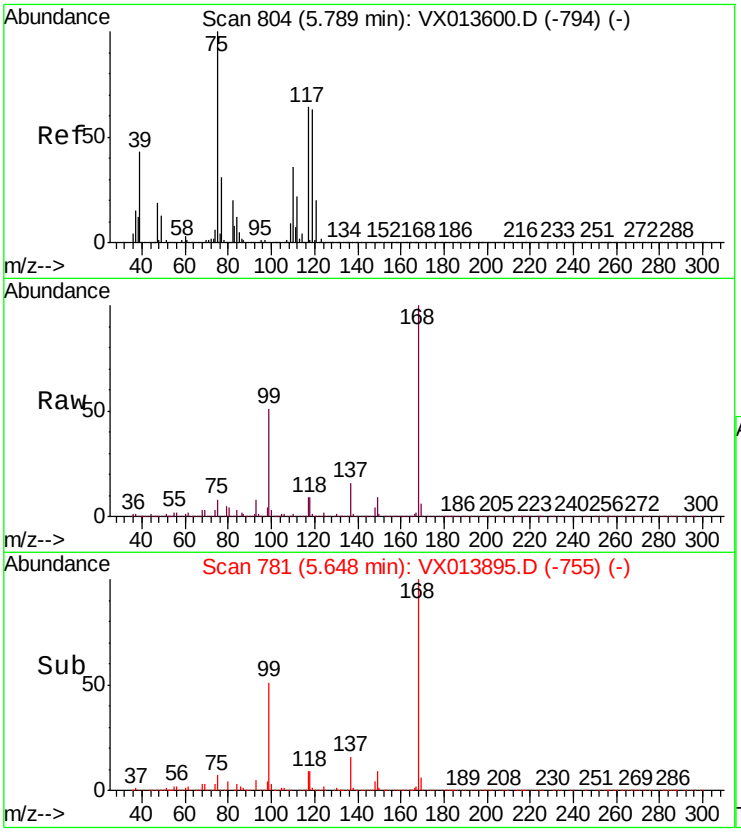


#35
Dibromofluoromethane
Concen: 49.149 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion:113 Resp: 278215

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.6	125.4
192	22.8	19.2	28.8



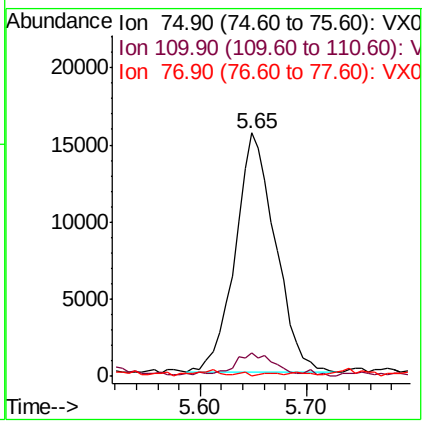


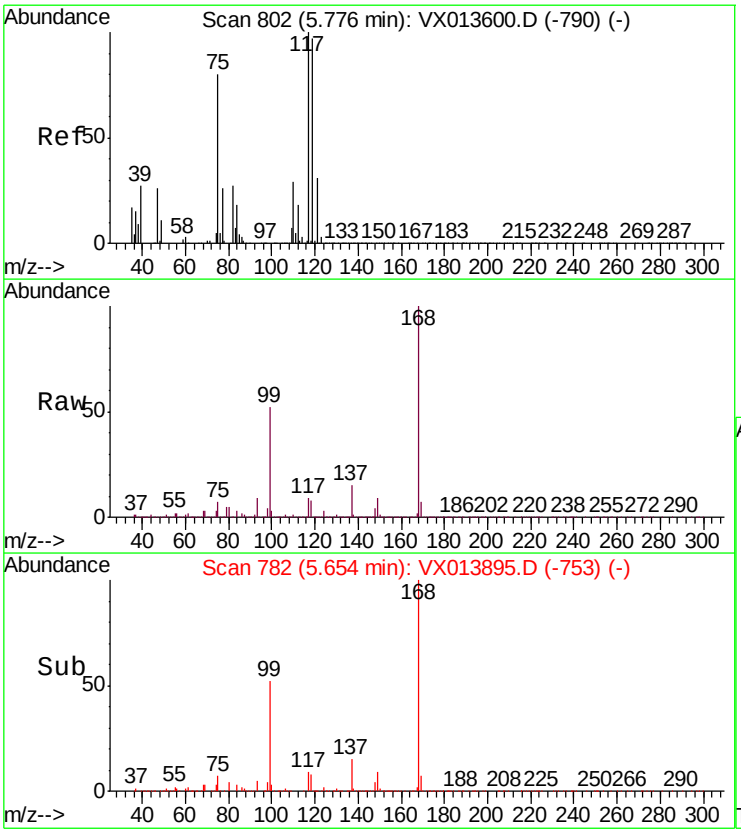
#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 75 Resp: 41038

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.4	24.5	36.7#

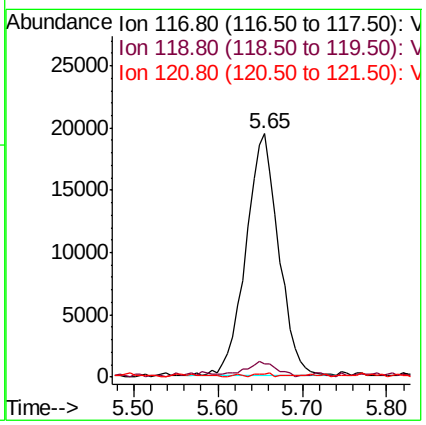


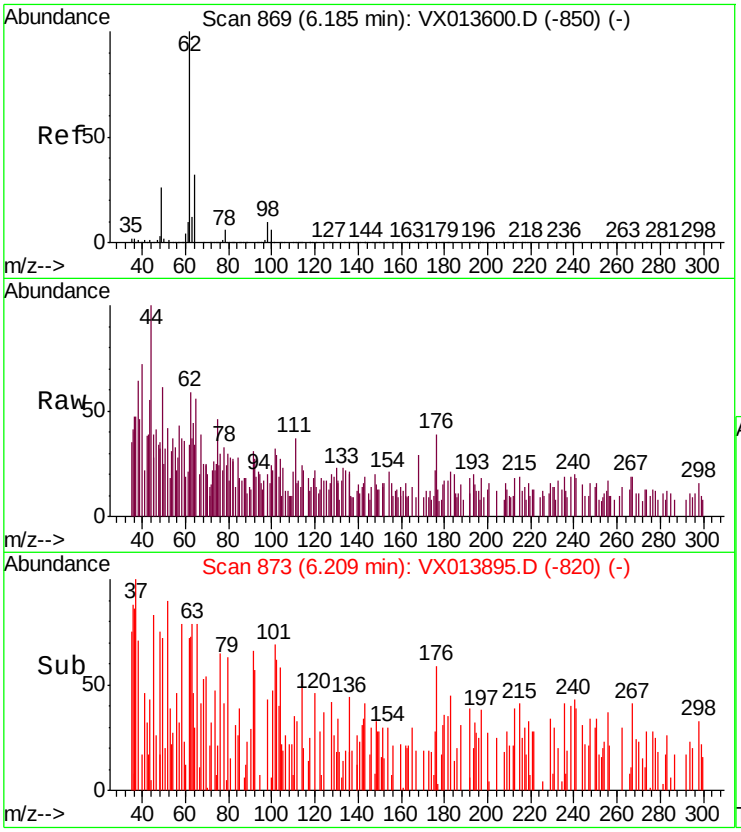


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion:117 Resp: 51209

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.5	116.3#
121	0.8	25.0	37.6#



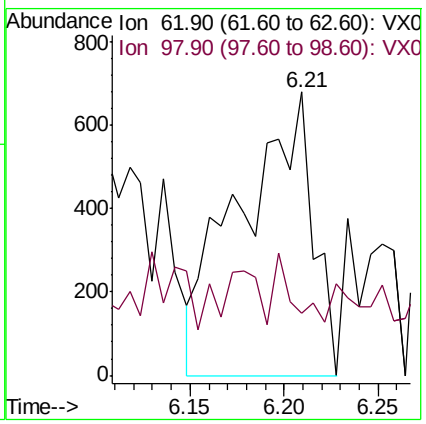


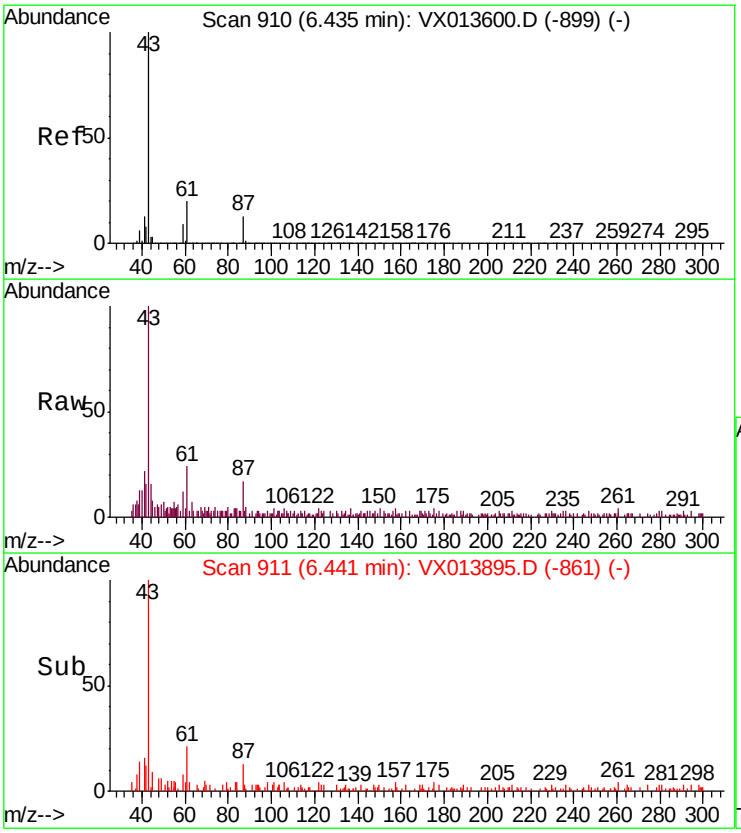
#42
1,2-Dichloroethane
Concen: 0.212 ug/l
RT: 6.21 min Scan# 873
Delta R.T. 0.02 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 62 Resp: 1829

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.8

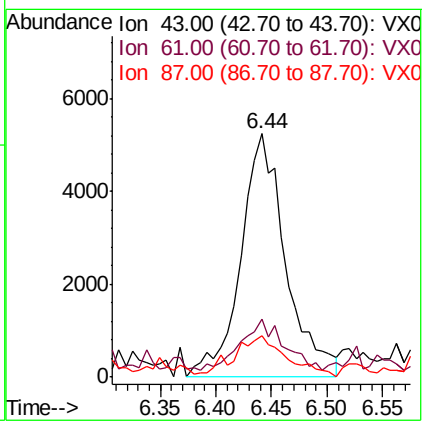


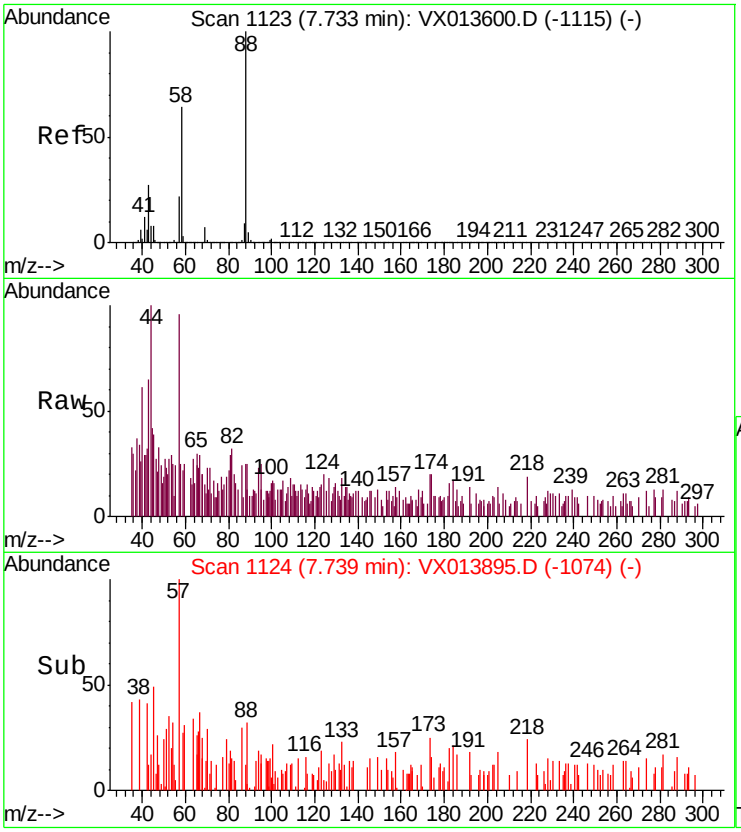


#43
Isopropyl Acetate
Concen: 0.963 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 43 Resp: 14789

Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.3	24.5
87	19.8	10.8	16.2#



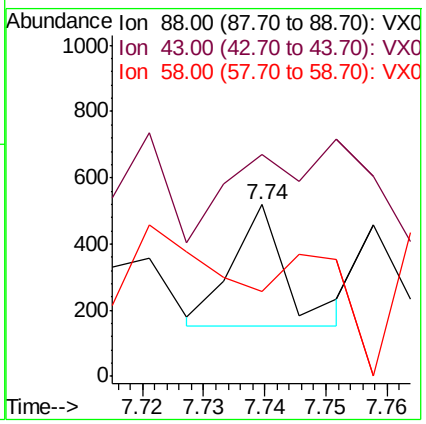


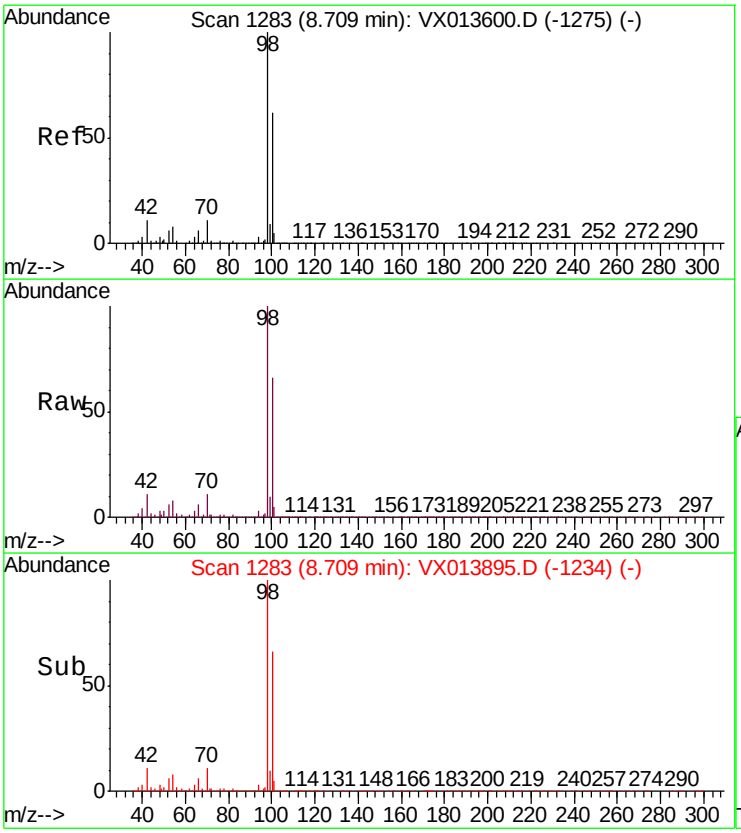
#49
1,4-Dioxane
Concen: 1.342 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 88 Resp: 224

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

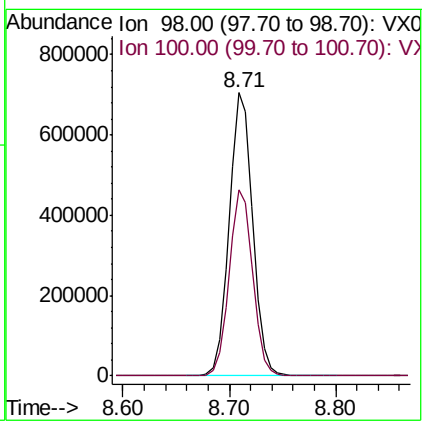


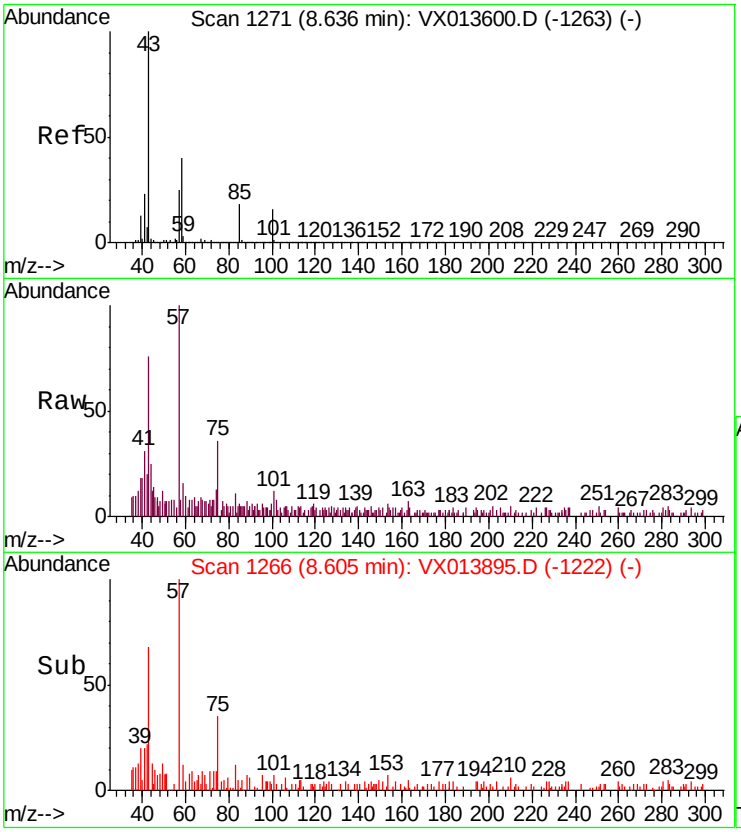


#50
Toluene-d8
Concen: 49.368 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 98 Resp: 1088779

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



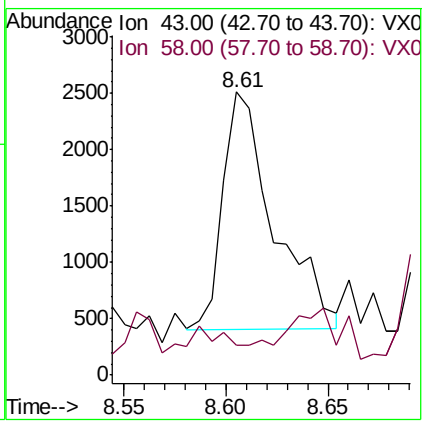


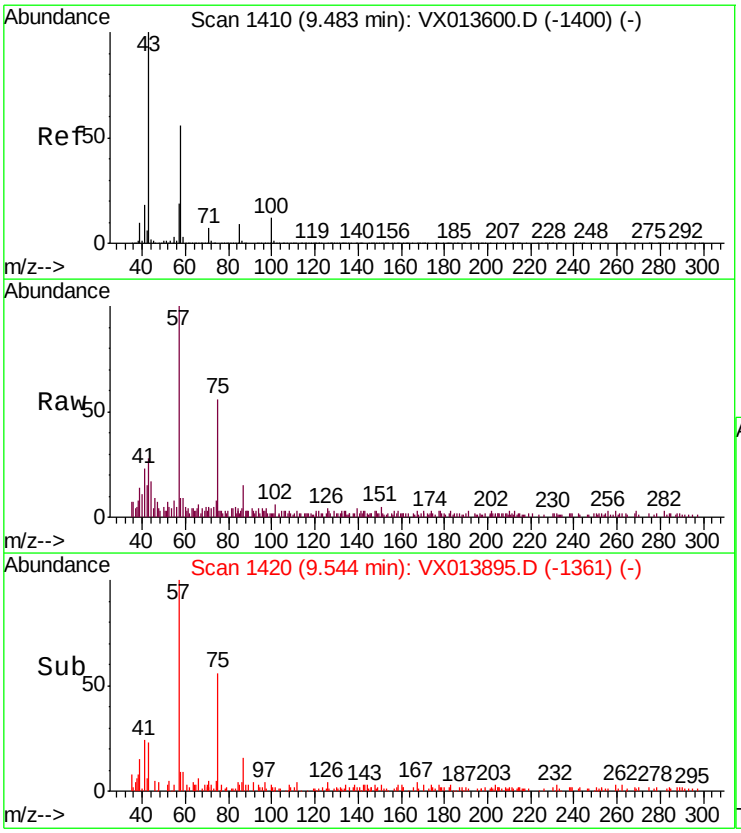
#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument : MSVOA_X
ClientSampleId : S32-GAC1-IDW01

Tgt Ion: 43 Resp: 3652

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.1	48.1#

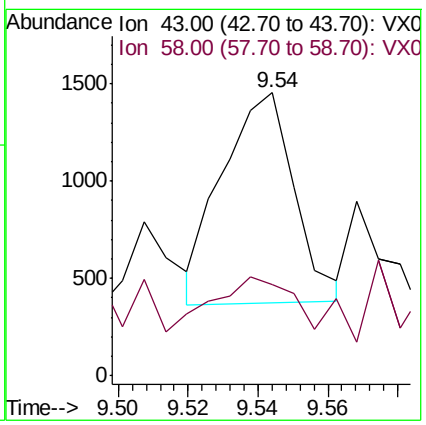


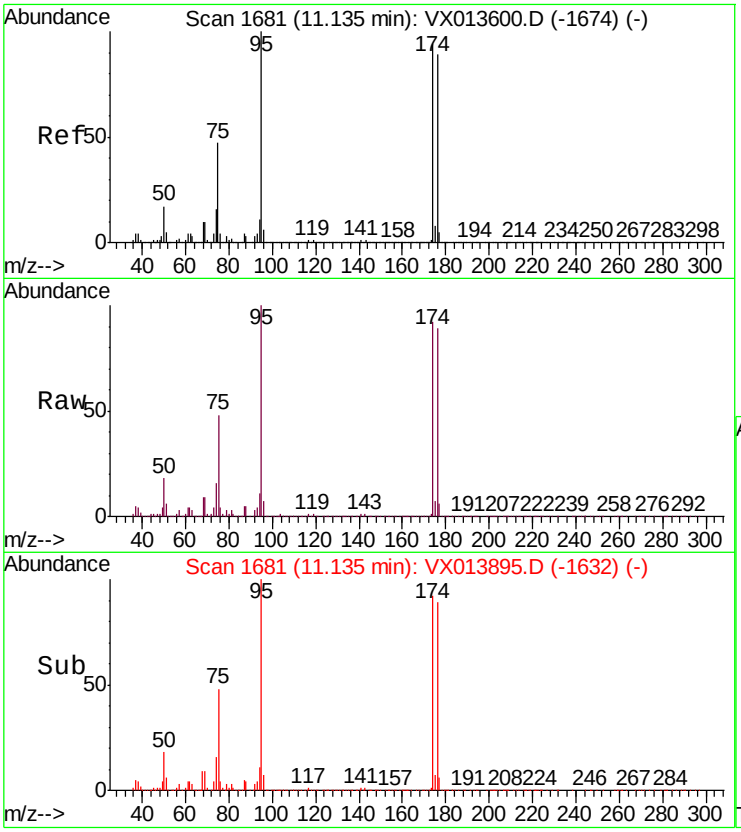


#59
2-Hexanone
Concen: 0.205 ug/l
RT: 9.54 min Scan# 1420
Delta R.T. 0.06 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 43 Resp: 1542

Ion	Ratio	Lower	Upper
43	100		
58	46.2	28.1	84.4



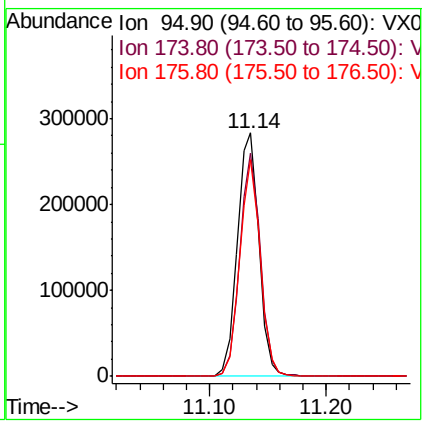


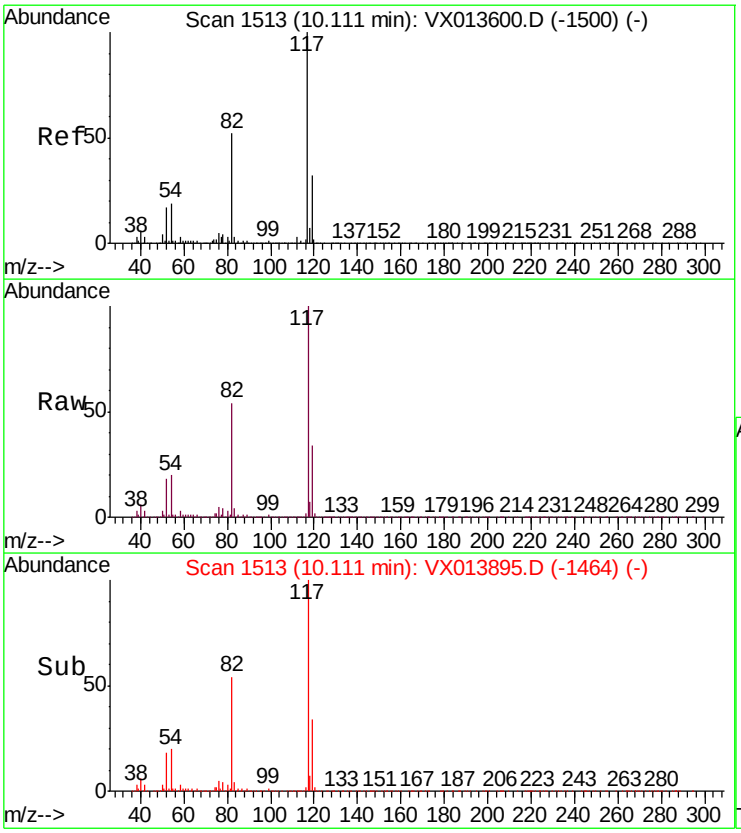
#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 95 Resp: 364744

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	180.0
176	85.3	0.0	173.6

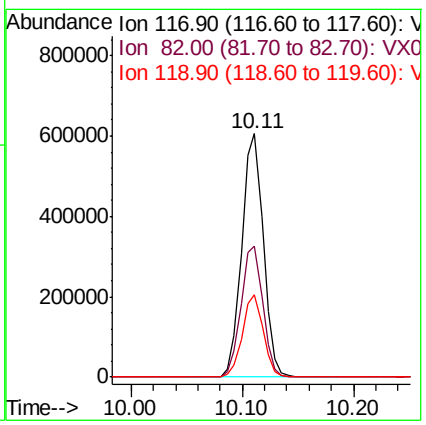


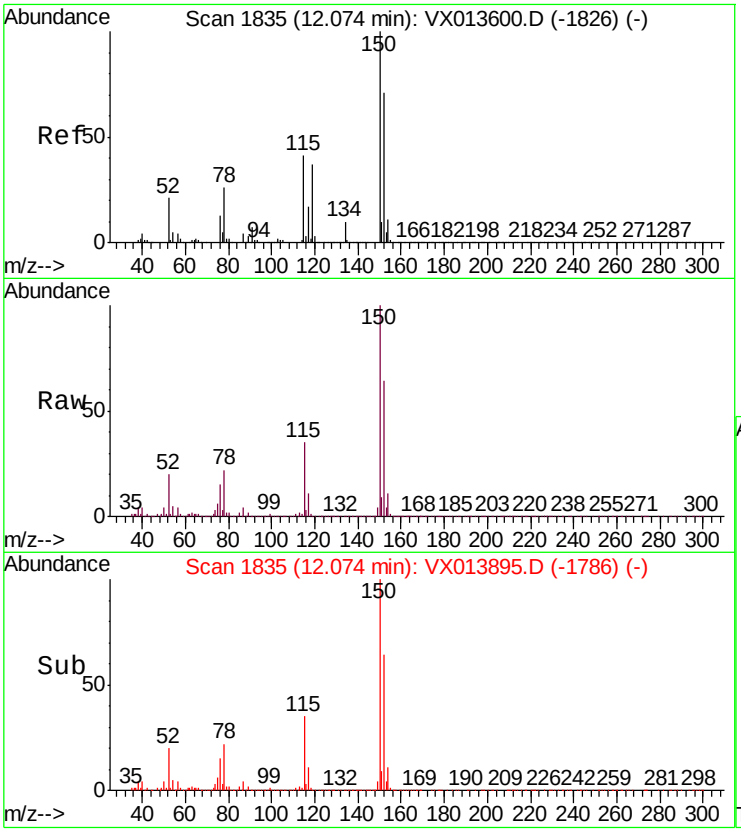


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion:117 Resp: 814081

Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	33.6	25.8	38.8



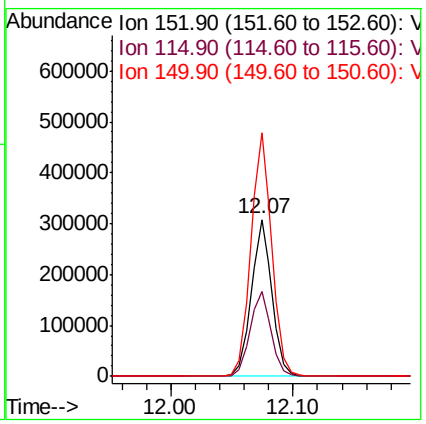


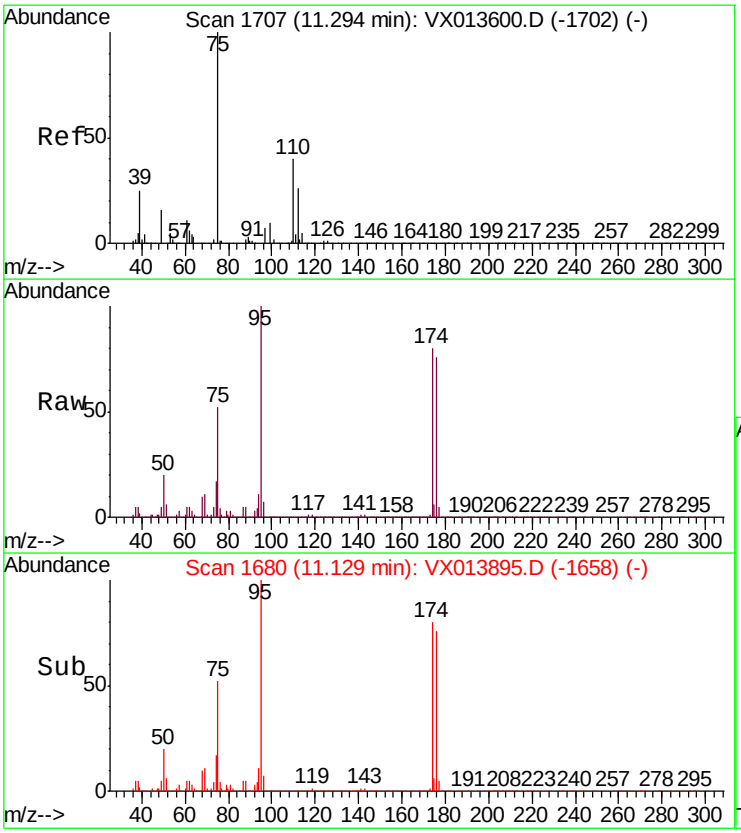
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion:152 Resp: 361480

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.4	115.1
150	157.5	0.0	346.8

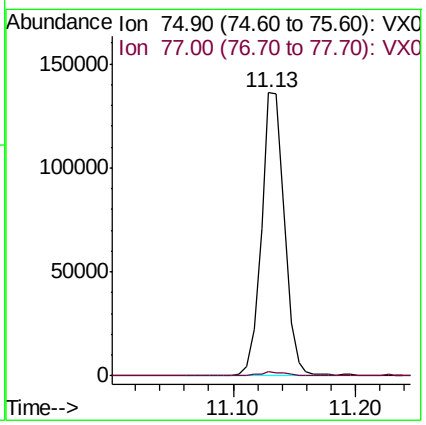


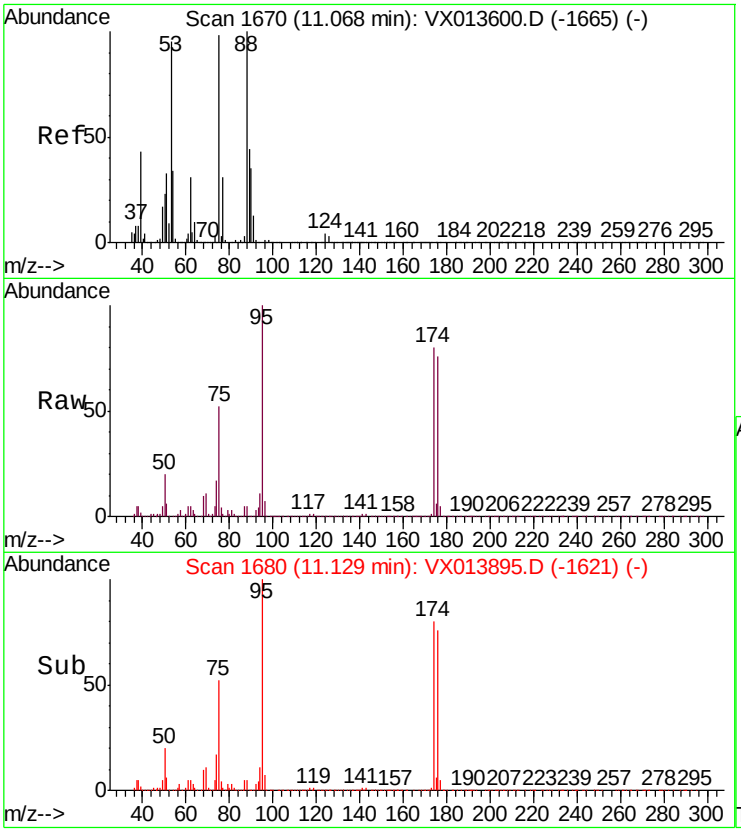


#76
1,2,3-Trichloropropane
Concen: 21.854 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Tgt Ion: 75 Resp: 177676

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.787 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013895.D
Acq: 10 Dec 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
S32-GAC1-IDW01

Tgt Ion: 75 Resp: 177676

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.2#
89	0.0	35.4	53.2#