Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011436.D
Acq On : 11 Aug 2019 17:02
Operator : JC/SP
Sample : K4228-35
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 2S-I3-(0)

Quant Time: Aug 12 07:50:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106246	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.58%			
35) Dibromofluoromethane	5.49	113	90015	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.42%			
50) Toluene-d8	8.71	98	348722	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.90%			
62) 4-Bromofluorobenzene	11.13	95	116603	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.74%			
Target Compounds						Qvalue
3) Chloromethane	1.34	50	342	0.203	ug/l #	78
5) Bromomethane	1.65	94	407	0.308	ug/l #	71
6) Chloroethane	1.70	64	123	Below Cal	#	43
8) Diethyl Ether	2.18	74	334	0.284	ug/l	80
11) Tert butyl alcohol	3.01	59	3998	10.267	ug/l #	79
13) Acrolein	2.29	56	45	Below Cal	#	1
16) Acetone	2.43	43	6570	7.053	ug/l	99
18) Methyl Acetate	2.77	43	1646	0.773	ug/l #	88
20) Methylene Chloride	2.85	84	5737	2.812	ug/l	92
25) 2-Butanone	4.69	43	1173	0.885	ug/l	95
29) Tetrahydrofuran	5.12	42	196	0.241	ug/l #	57
31) Cyclohexane	5.65	56	3842	1.524	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13420	5.263	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18485	7.205	ug/l #	14
43) Isopropyl Acetate	6.44	43	8281	2.025	ug/l	98
48) Methyl methacrylate	7.68	41	3400	1.767	ug/l #	10
49) 1,4-Dioxane	7.74	88	20	0.358	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	43003	16.294	ug/l #	47
53) t-1,3-Dichloropropene	9.04	75	22	2.846	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	21007	7.383	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	5342	1.633	ug/l #	43
59) 2-Hexanone	9.54	43	66478	32.520	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	59849	26.957	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	59849	69.993	ug/l #	10

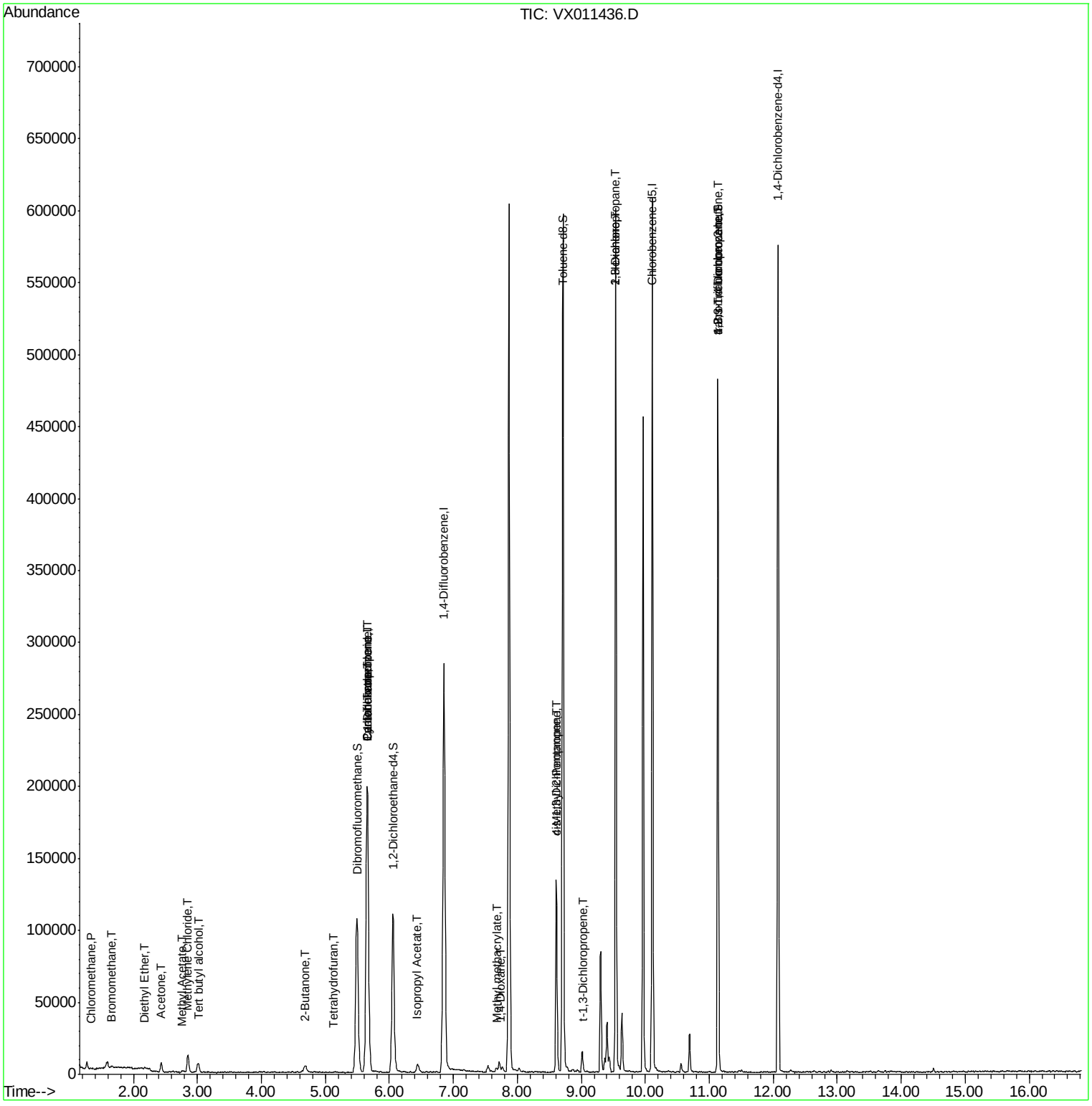
(#) = qualifier out of range (m) = manual integration (+) = signals summed

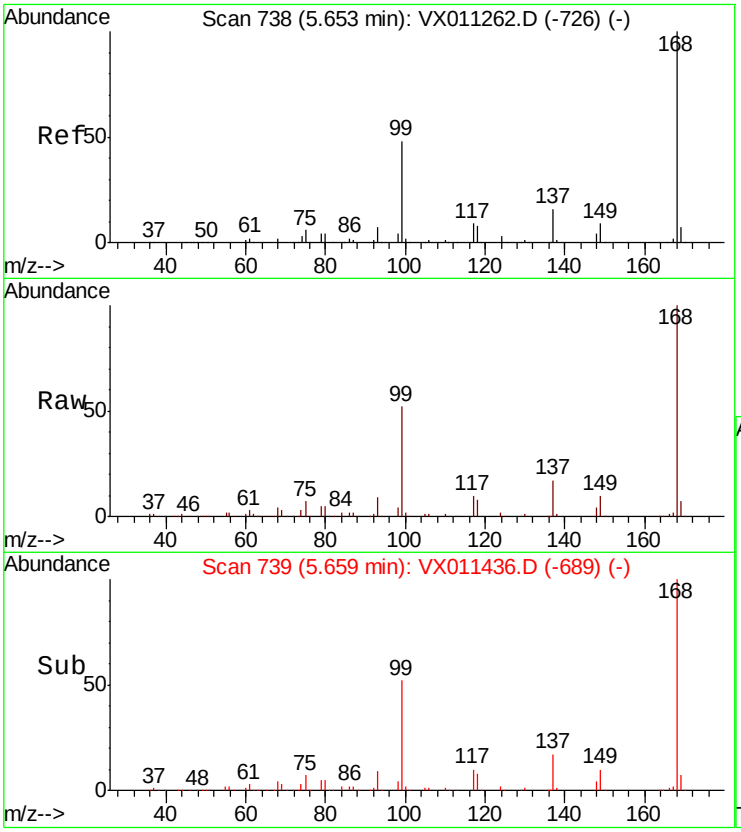
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011436.D
Acq On : 11 Aug 2019 17:02
Operator : JC/SP
Sample : K4228-35
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Quant Time: Aug 12 07:50:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



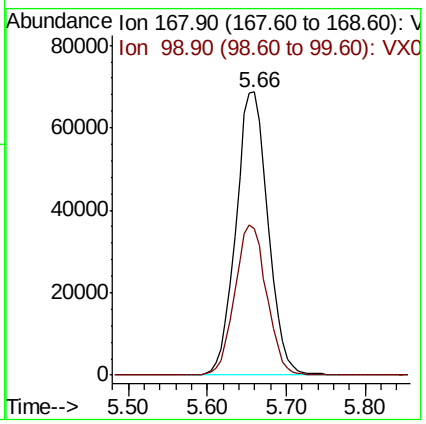


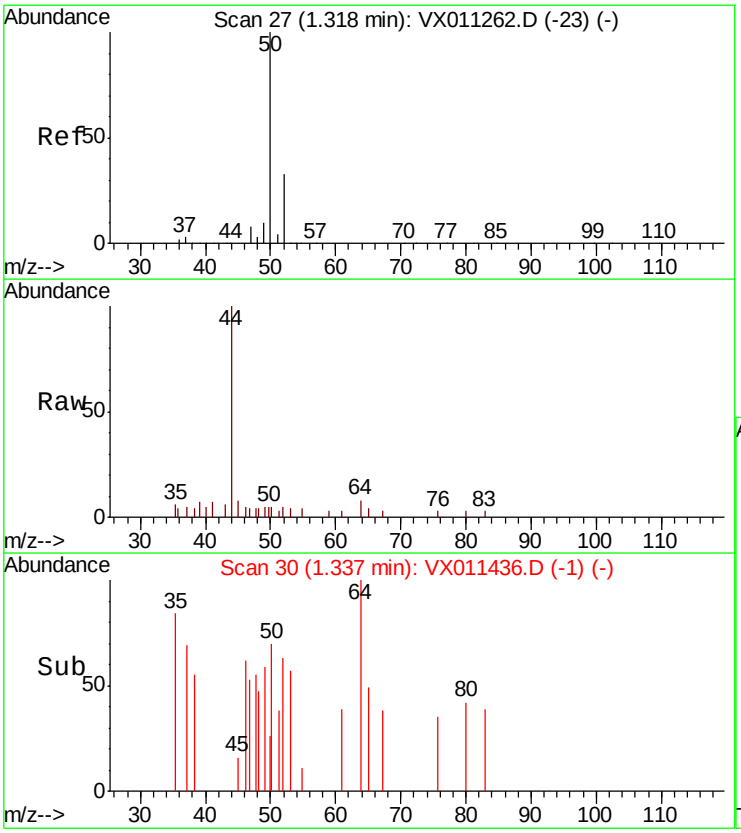
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion:168 Resp: 194332

Ion	Ratio	Lower	Upper
168	100		
99	51.7	38.5	57.7

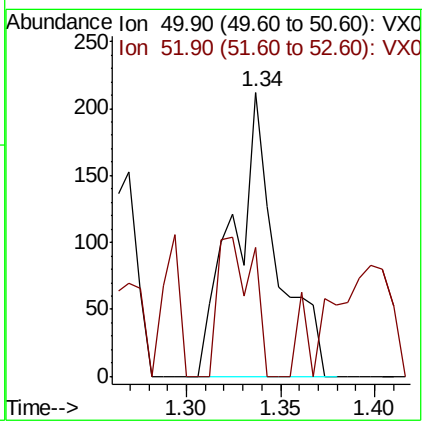


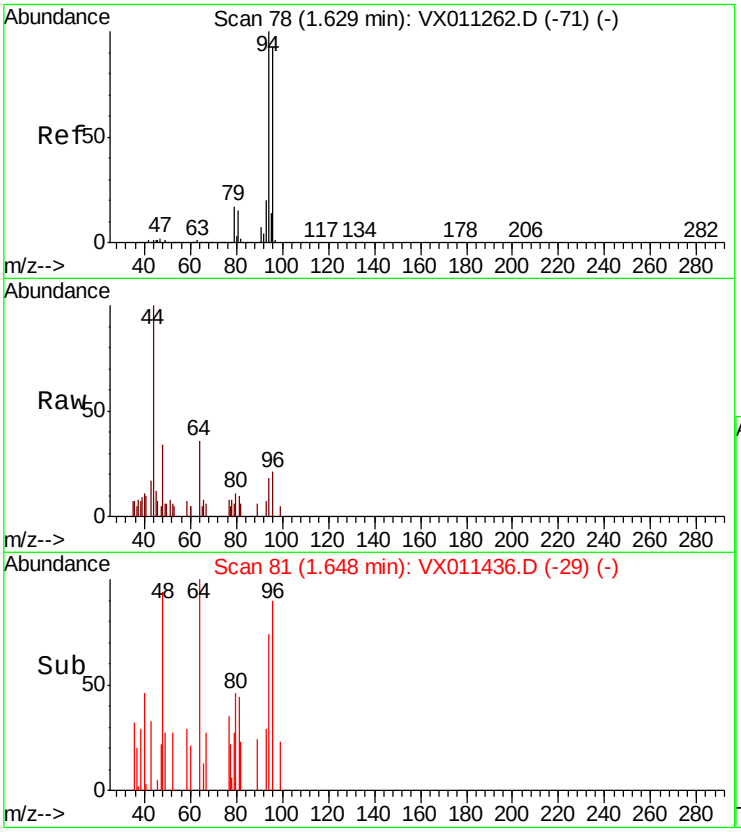


#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.34 min Scan# 30
Delta R.T. 0.02 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 50 Resp: 342

Ion	Ratio	Lower	Upper
50	100		
52	45.3	26.4	39.6#



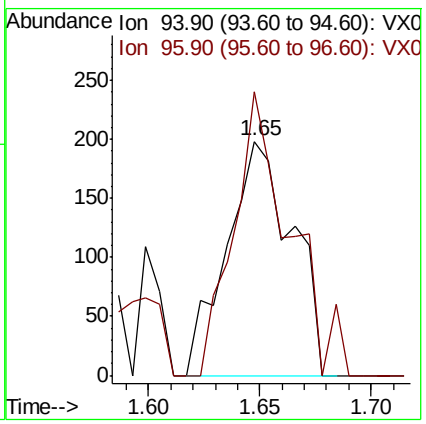


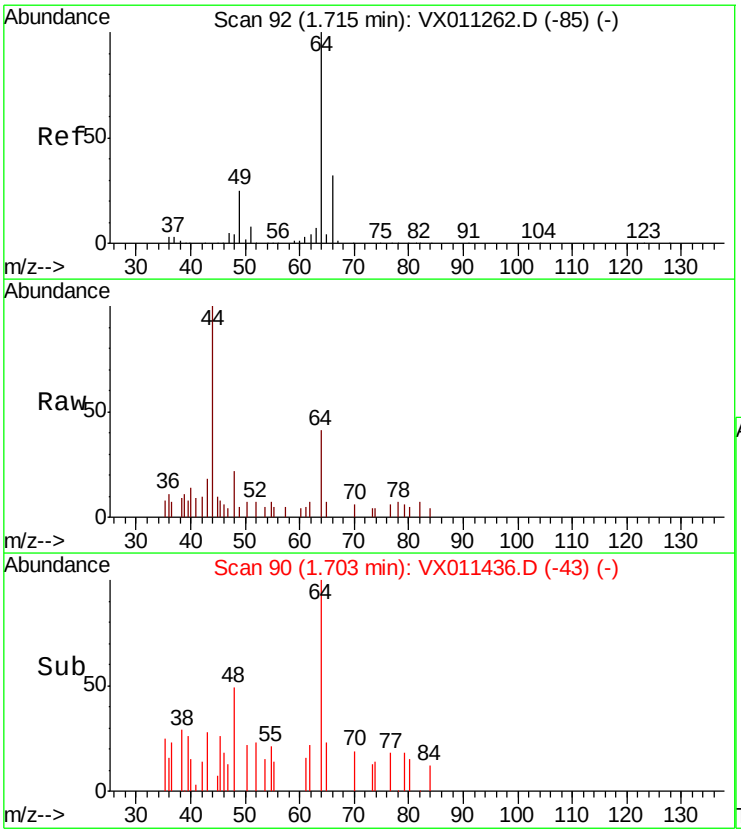
#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.02 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 94 Resp: 407

Ion	Ratio	Lower	Upper
94	100		
96	121.2	74.6	112.0#

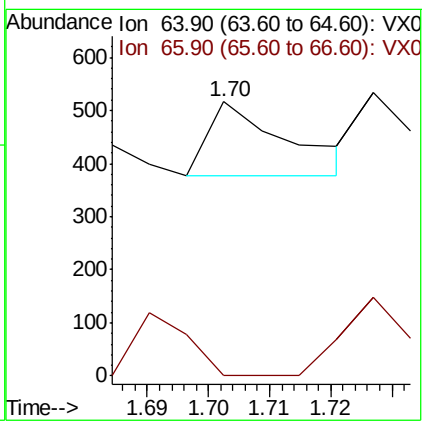


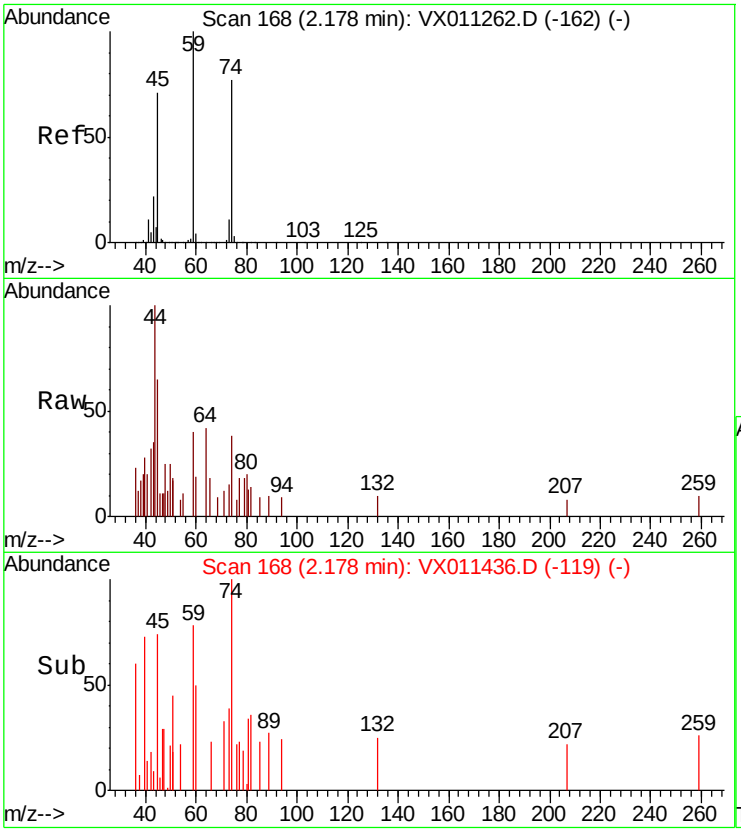


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 64 Resp: 123

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



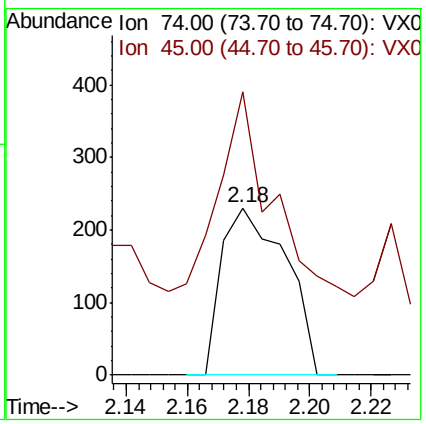


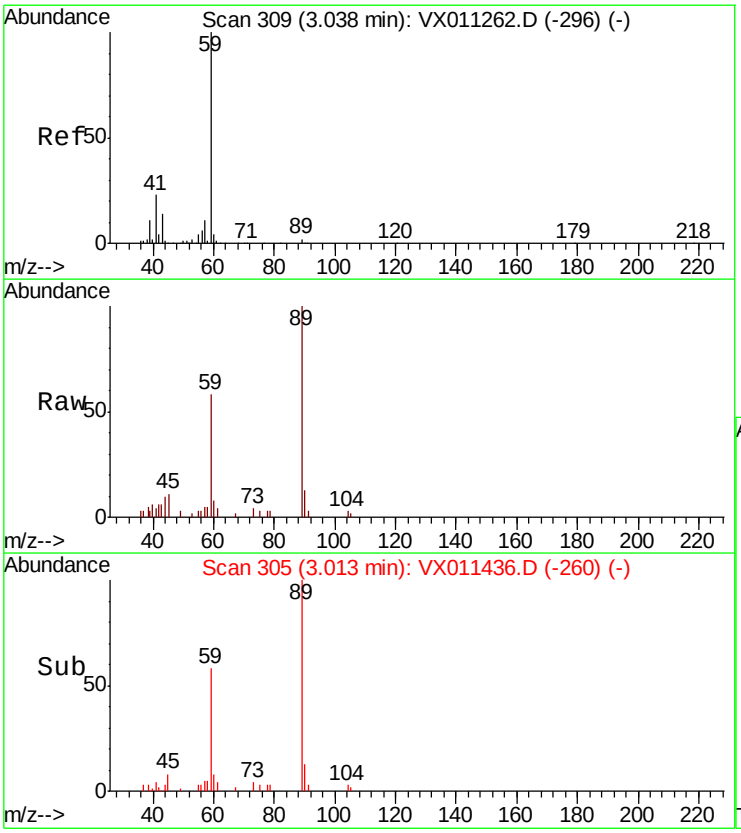
#8
Diethyl Ether
Concen: 0.284 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 74 Resp: 334

Ion	Ratio	Lower	Upper
74	100		
45	111.1	46.1	138.3

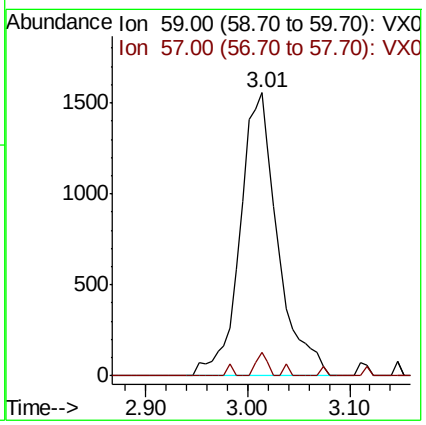


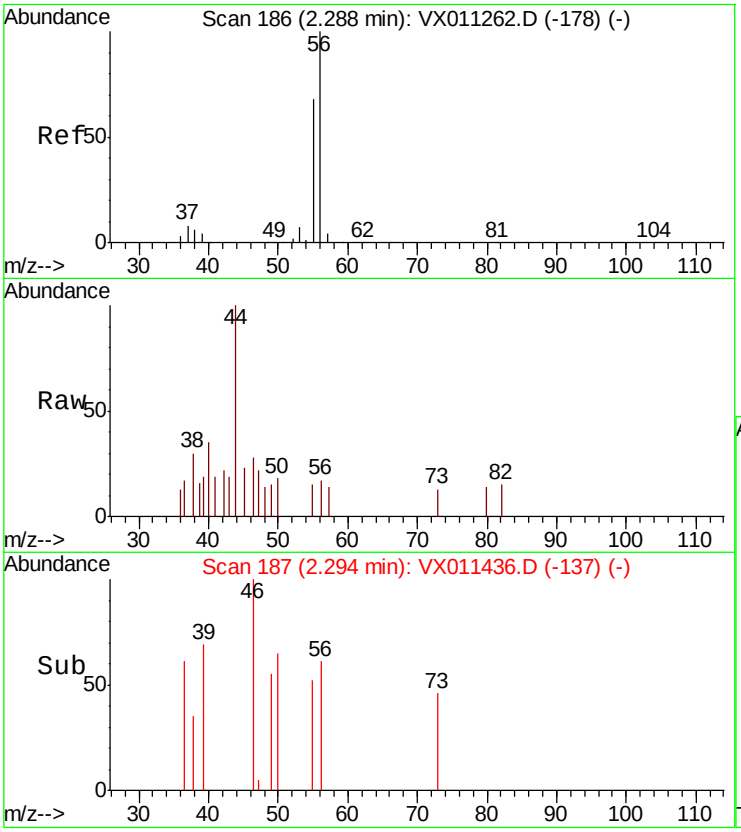


#11
Tert butyl alcohol
Concen: 10.267 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 59 Resp: 3998

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.3	12.5#



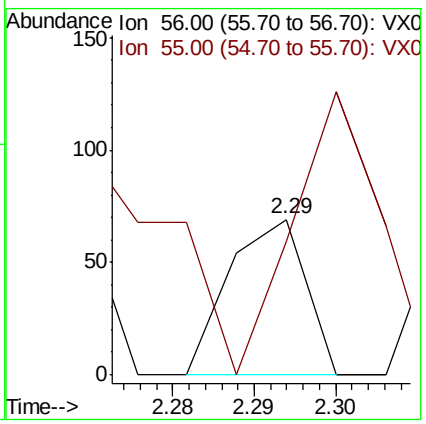


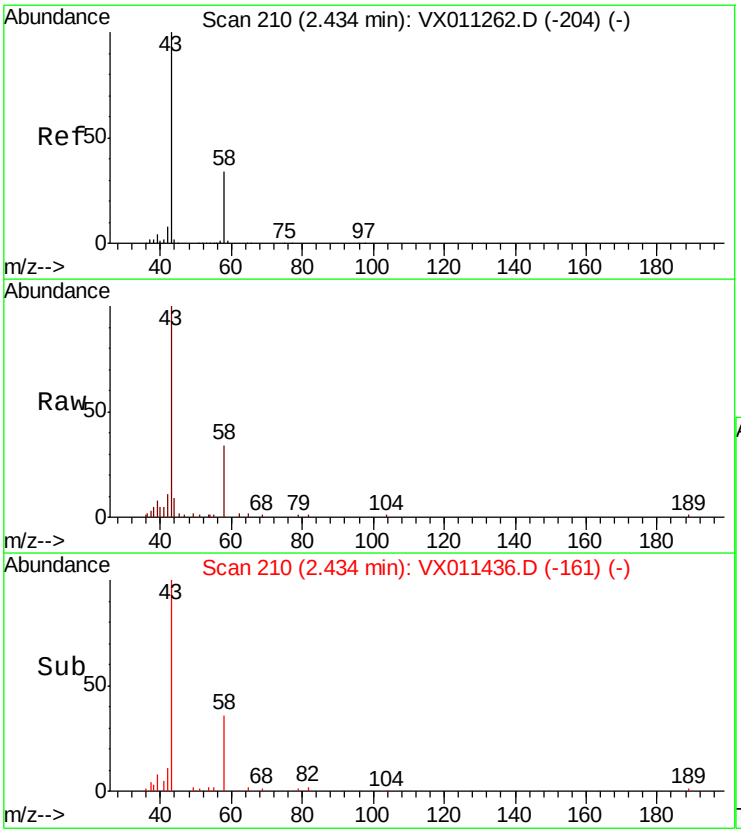
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 56 Resp: 45

Ion	Ratio	Lower	Upper
56	100		
55	244.4	56.0	84.0#

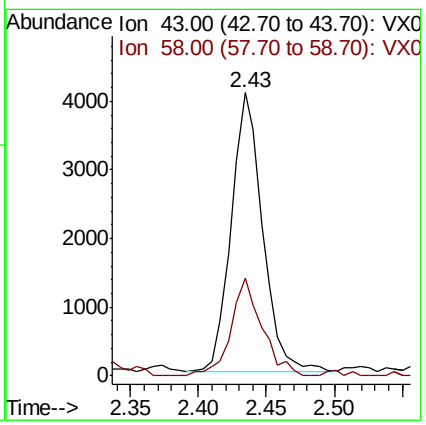


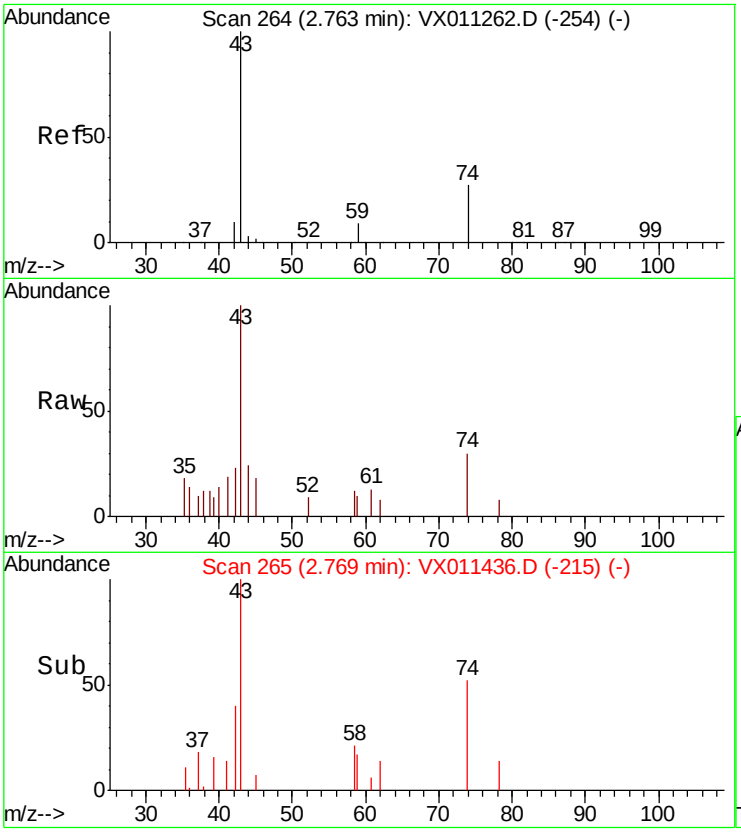


#16
Acetone
Concen: 7.053 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 43 Resp: 6570

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.4	41.0



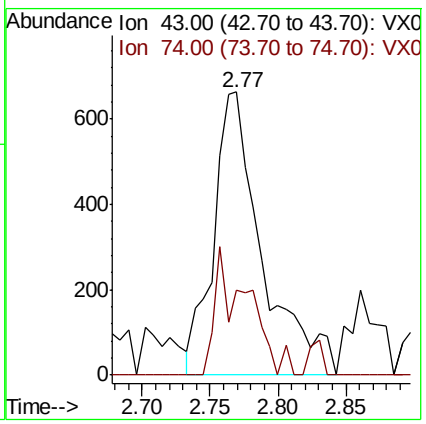


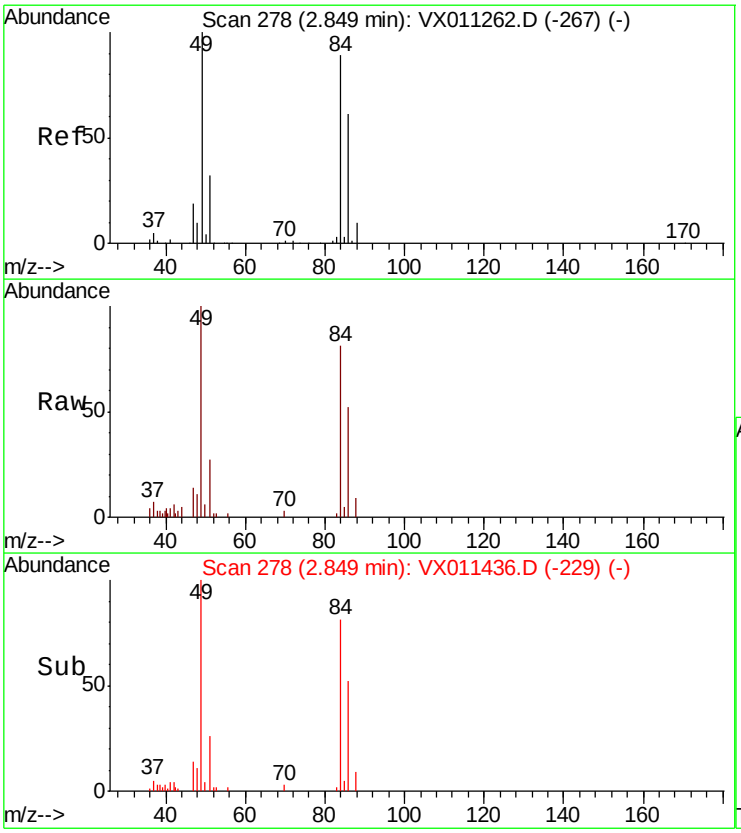
#18
Methyl Acetate
Concen: 0.773 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument : MSVOA_X
ClientSampleId : 2S-I3-(0)

Tgt Ion: 43 Resp: 1646

Ion	Ratio	Lower	Upper
43	100		
74	20.4	21.0	31.6#

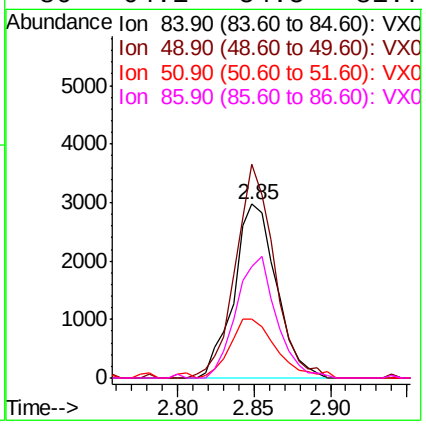


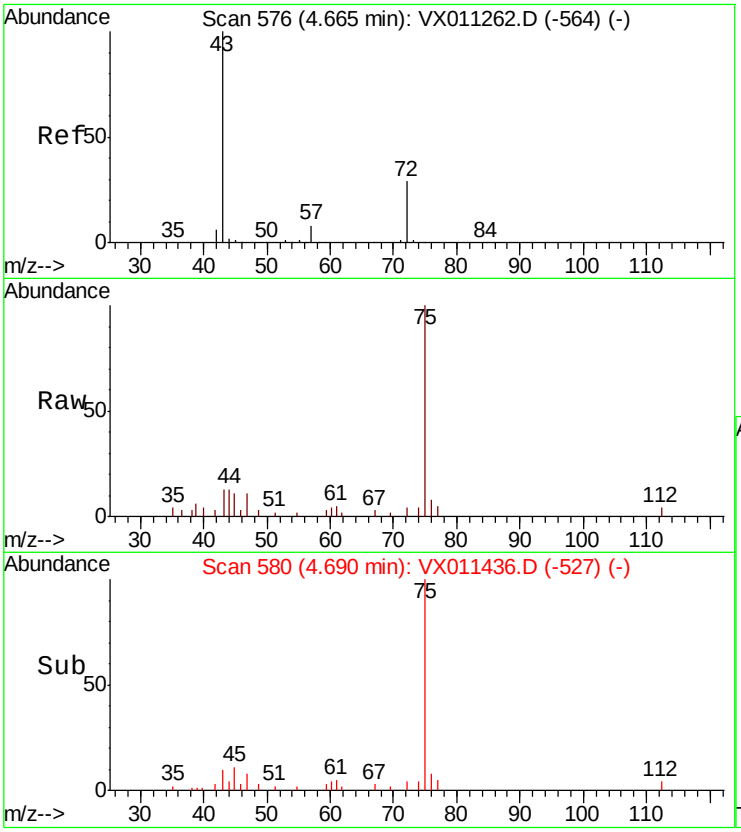


#20
Methylene Chloride
Concen: 2.812 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 84 Resp: 5737

Ion	Ratio	Lower	Upper
84	100		
49	122.8	89.3	133.9
51	33.6	28.3	42.5
86	64.1	54.5	81.7



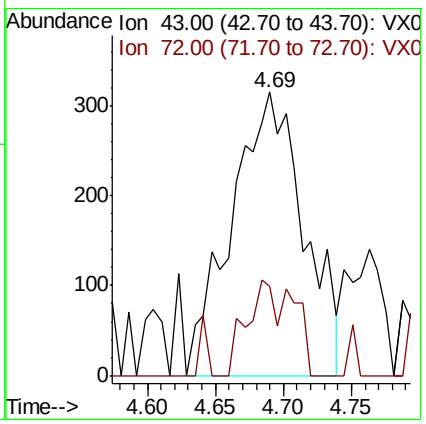


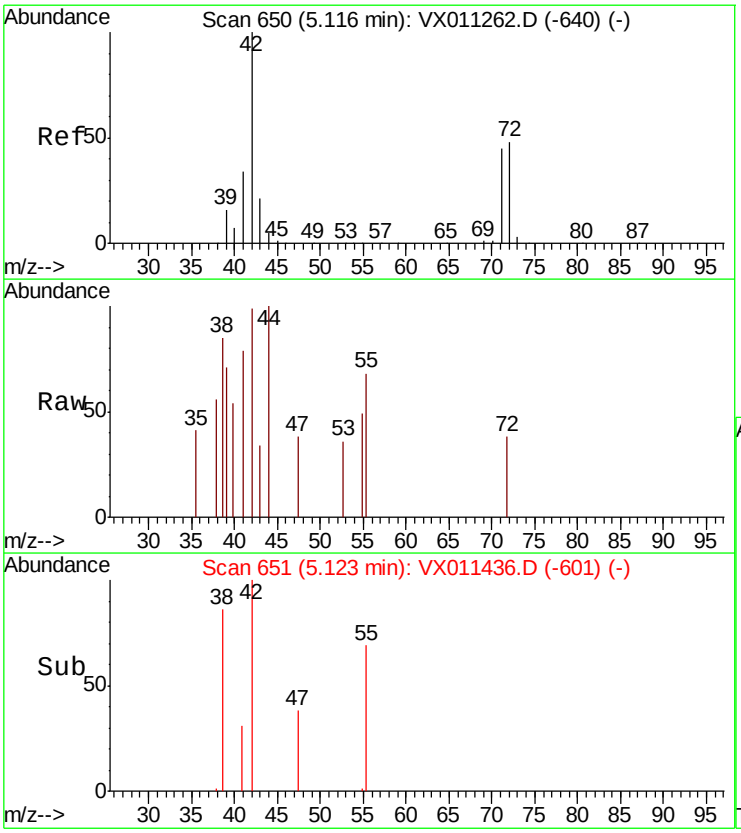
#25
2-Butanone
Concen: 0.885 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 43 Resp: 1173

Ion	Ratio	Lower	Upper
43	100		
72	31.4	23.2	34.8

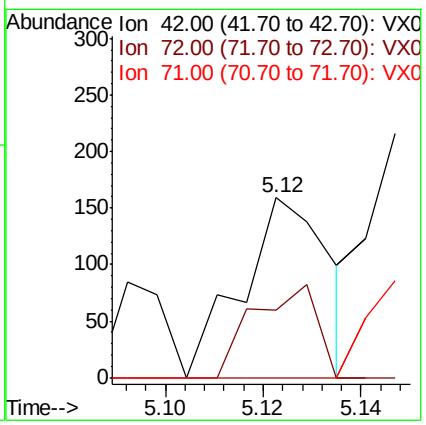


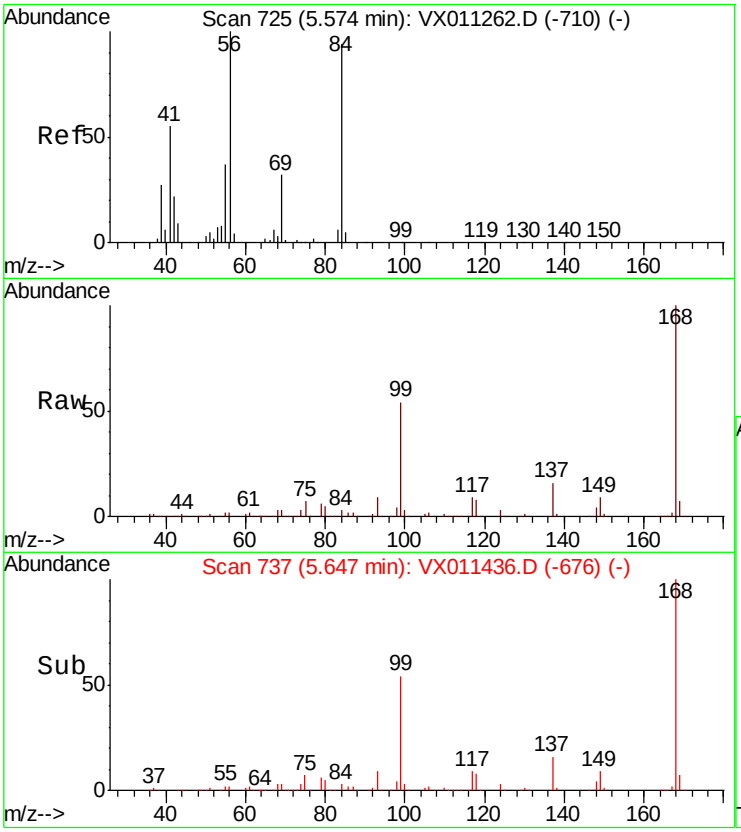


#29
Tetrahydrofuran
Concen: 0.241 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 42 Resp: 196

Ion	Ratio	Lower	Upper
42	100		
72	37.8	39.9	59.9#
71	0.0	36.9	55.3#



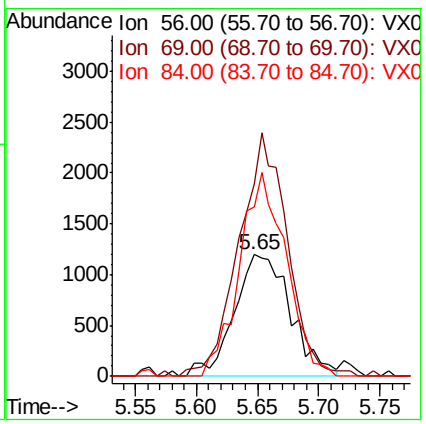


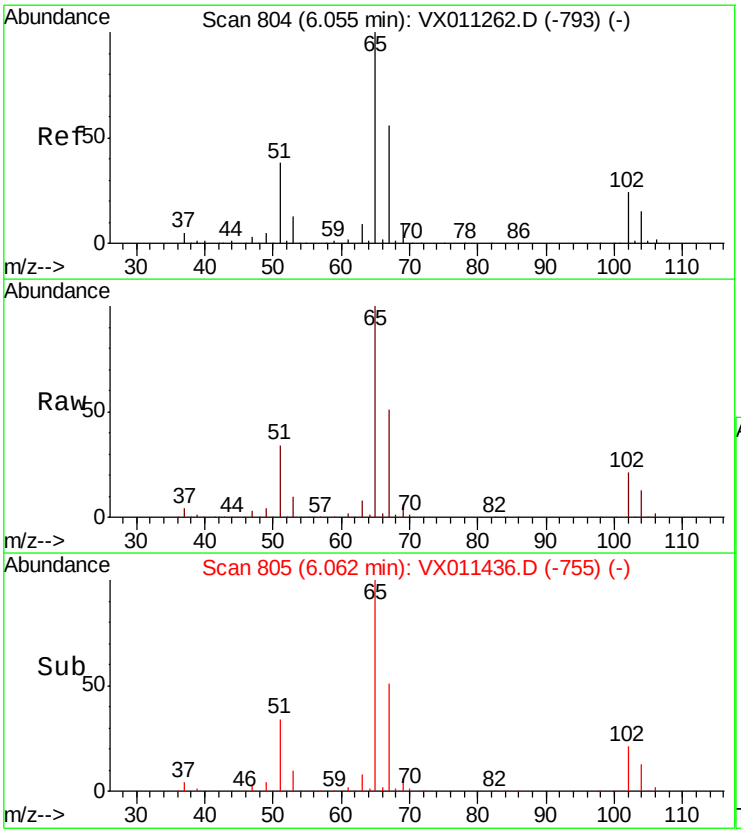
#31
Cyclohexane
Concen: 1.524 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument : MSVOA_X
ClientSampleId : 2S-I3-(0)

Tgt Ion: 56 Resp: 3842

Ion	Ratio	Lower	Upper
56	100		
69	160.8	25.5	38.3#
84	145.5	75.0	112.4#

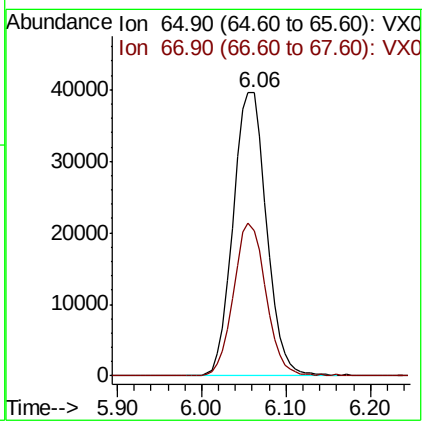


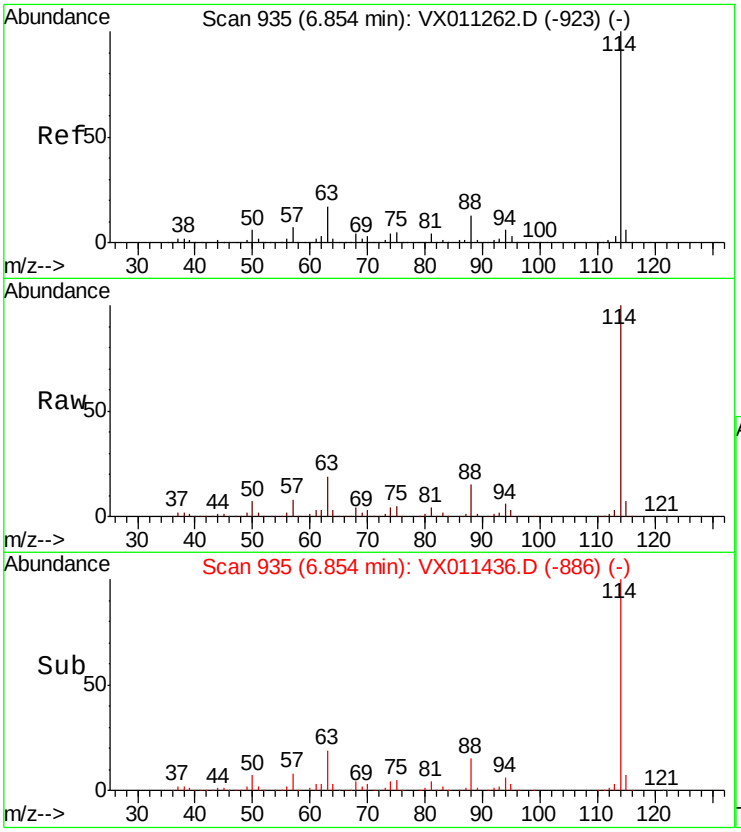


#33
1,2-Dichloroethane-d4
Concen: 54.289 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 65 Resp: 106246

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	110.6



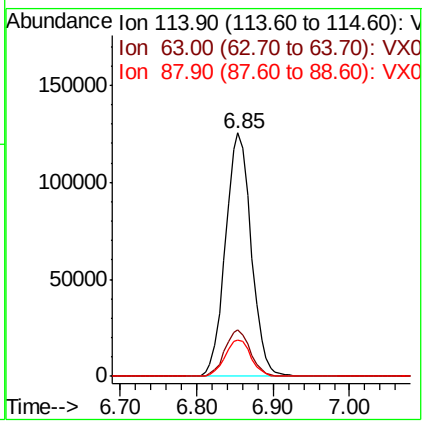


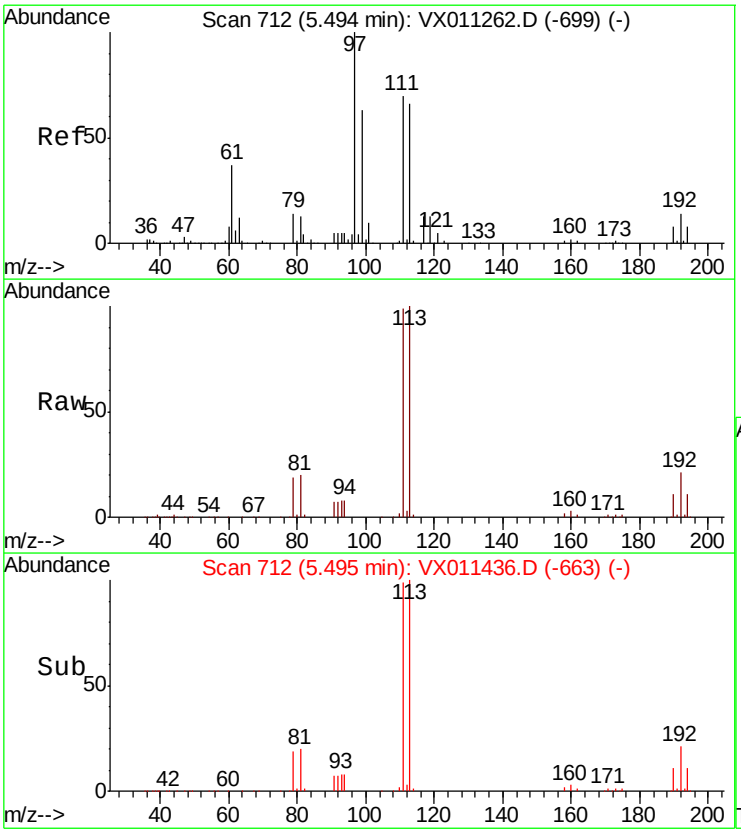
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion:114 Resp: 292074

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.0
88	14.8	0.0	26.4

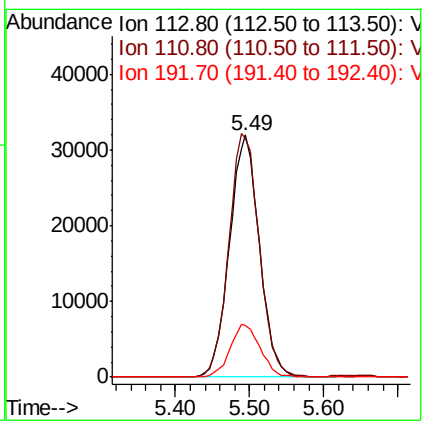


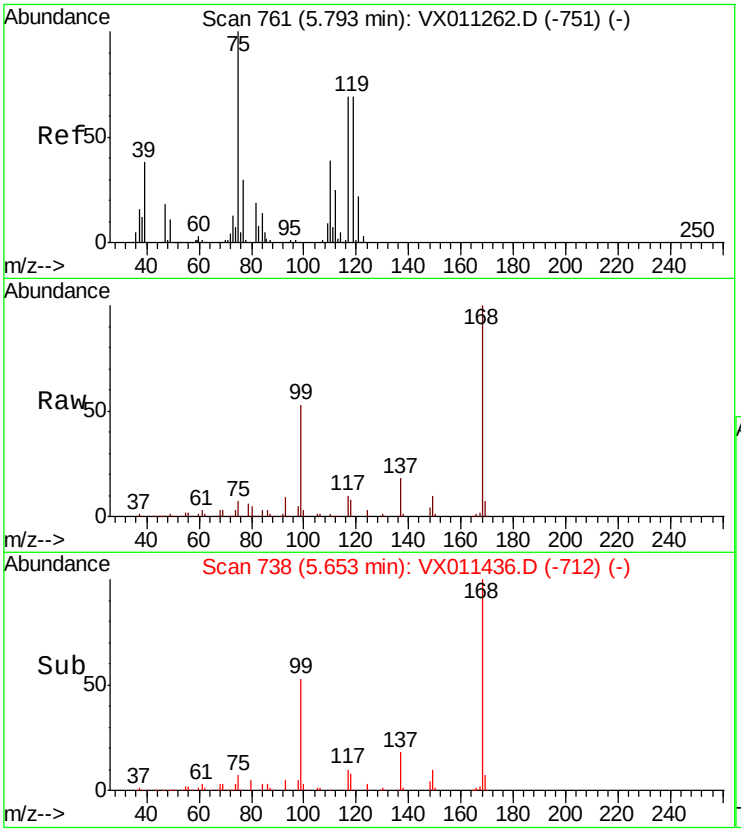


#35
Dibromofluoromethane
Concen: 47.205 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion:113 Resp: 90015

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	21.8	17.8	26.8



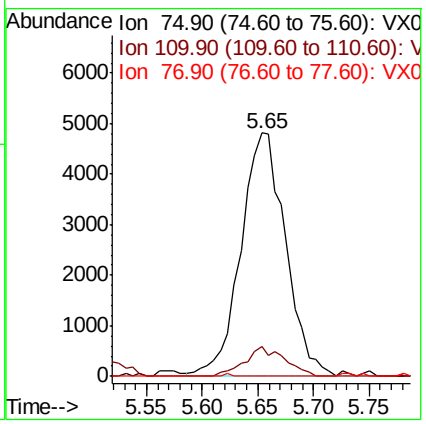


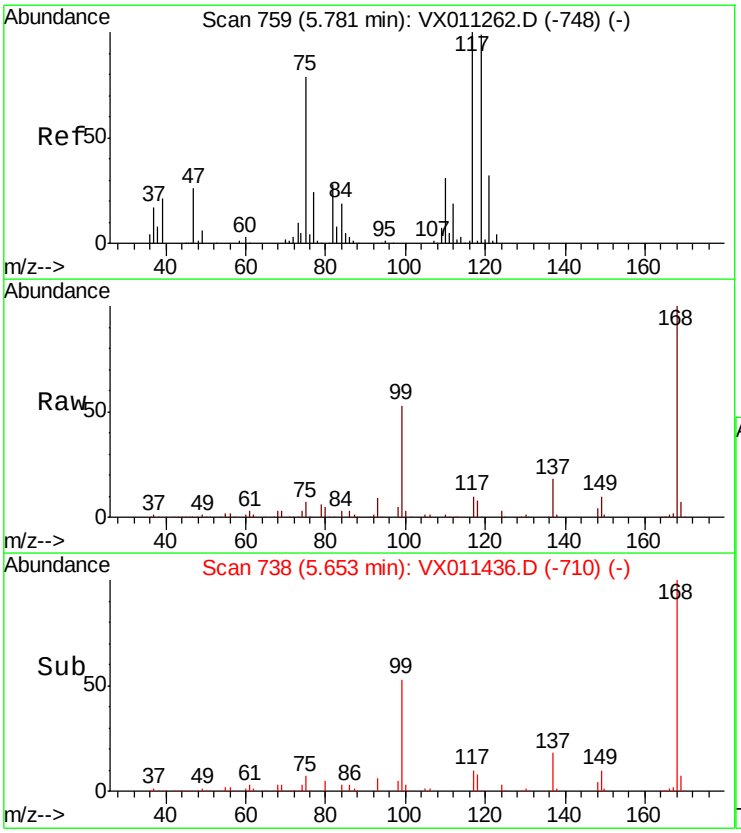
#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument : MSVOA_X
ClientSampleId : 2S-I3-(0)

Tgt Ion: 75 Resp: 13420

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.0	59.9#
77	0.0	24.8	37.2#

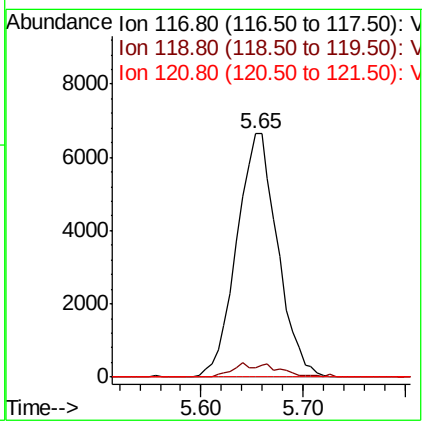


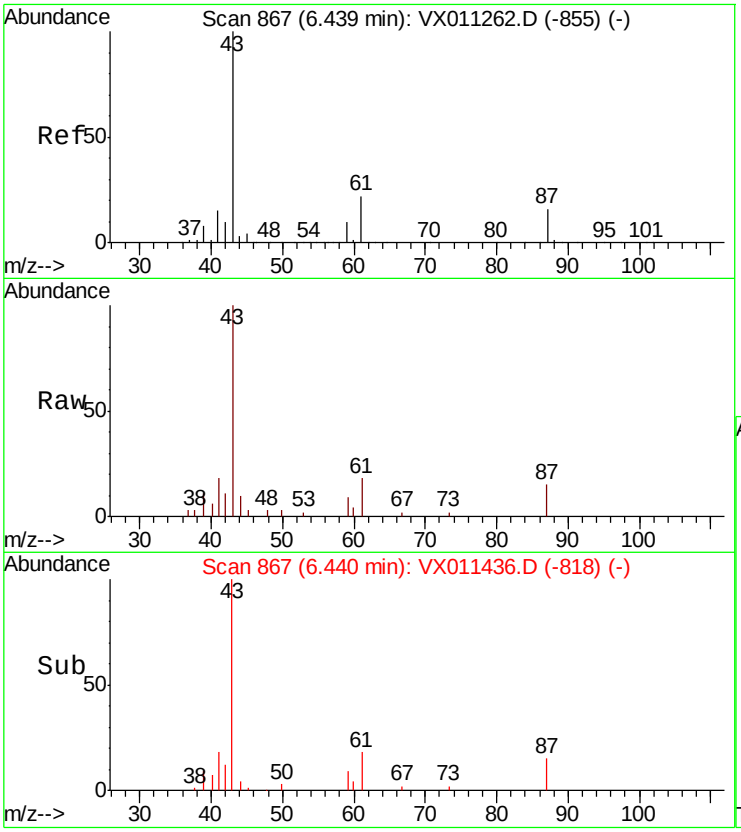


#38
Carbon Tetrachloride
Concen: 7.205 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion:117 Resp: 18485

Ion	Ratio	Lower	Upper
117	100		
119	4.1	79.0	118.4#
121	0.0	25.9	38.9#



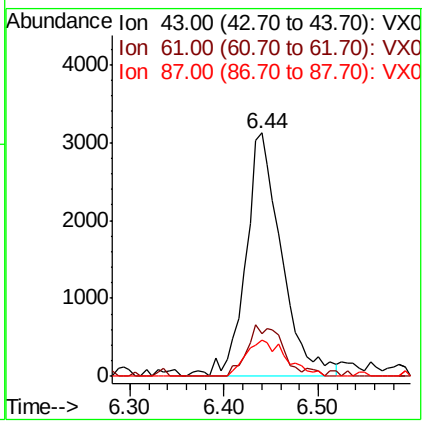


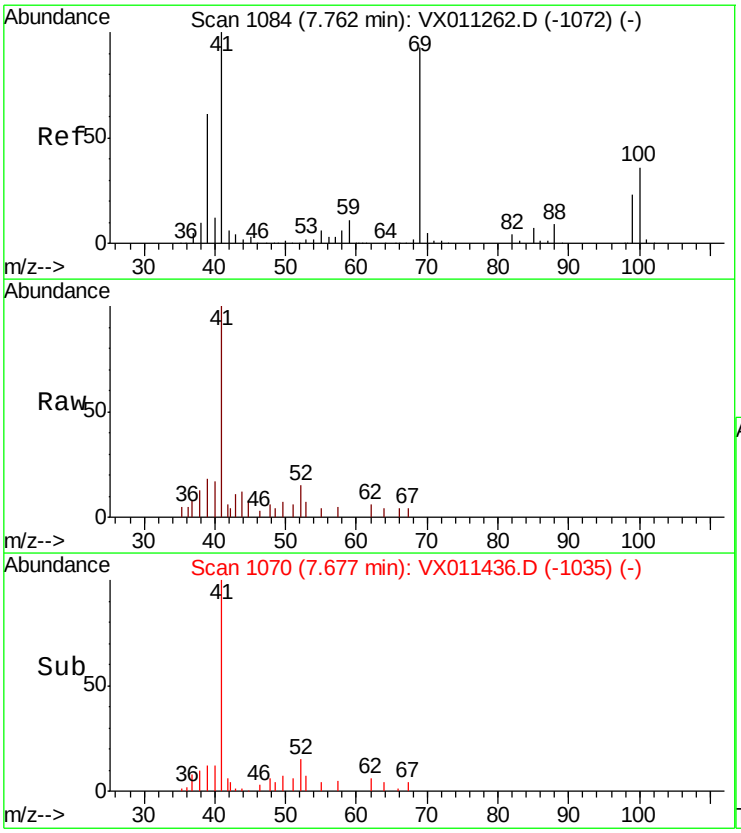
#43
Isopropyl Acetate
Concen: 2.025 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument : MSVOA_X
ClientSampleId : 2S-I3-(0)

Tgt Ion: 43 Resp: 8281

Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.5	24.7
87	16.6	12.1	18.1

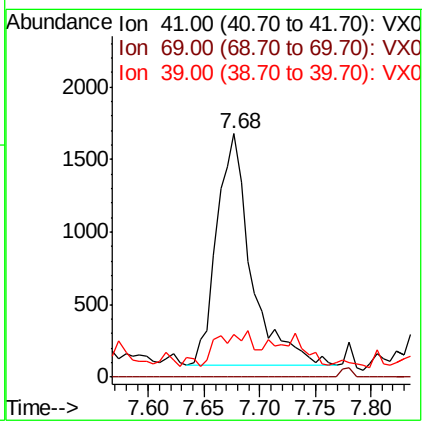


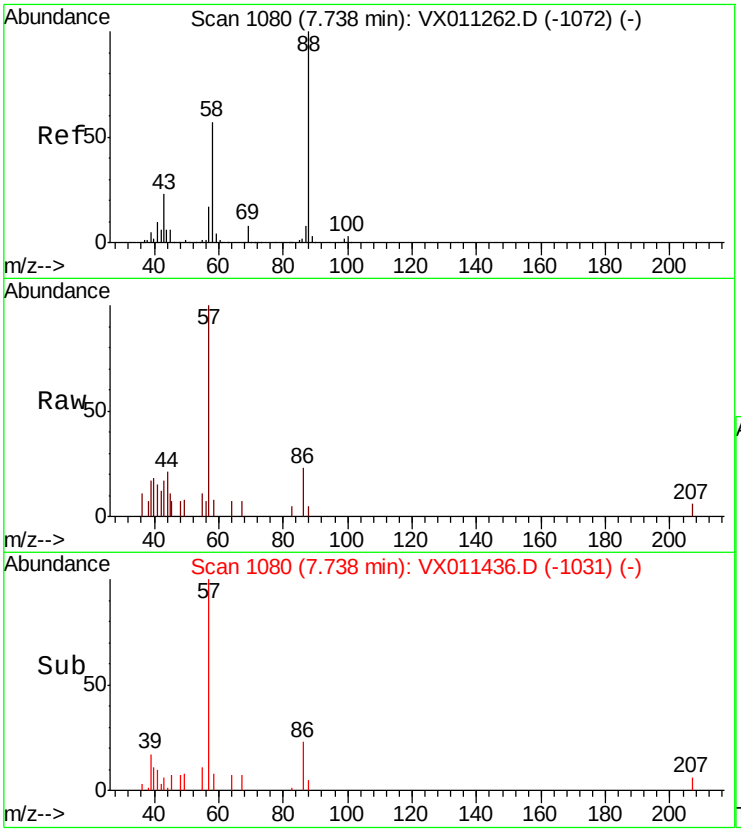


#48
Methyl methacrylate
Concen: 1.767 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 41 Resp: 3400

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#



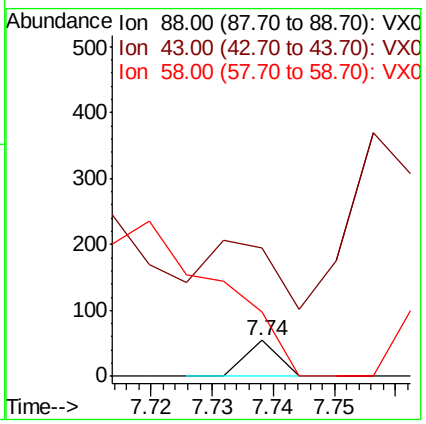


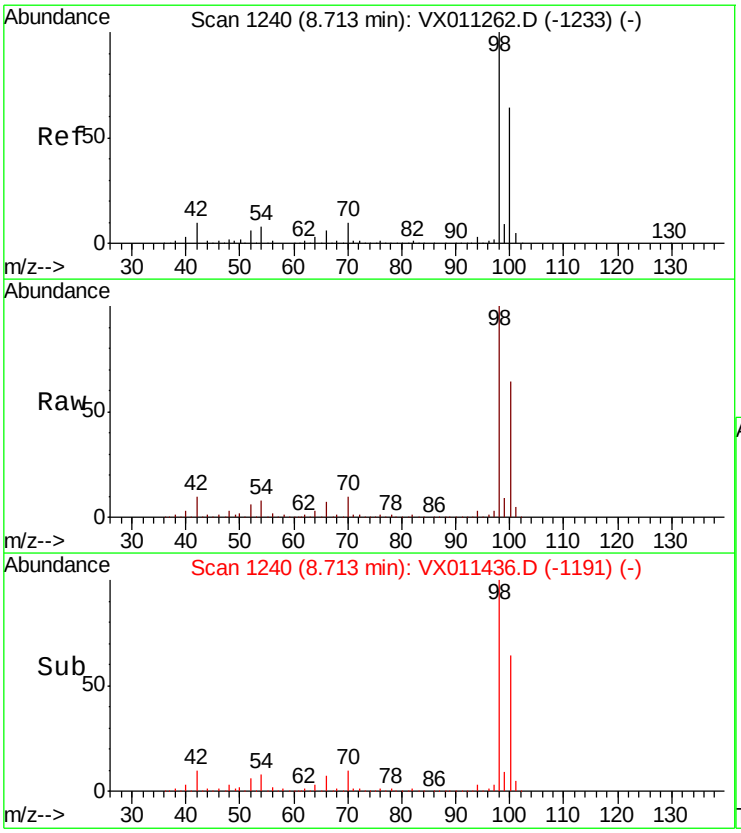
#49
1,4-Dioxane
Concen: 0.358 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	2255.0	47.8	71.8#

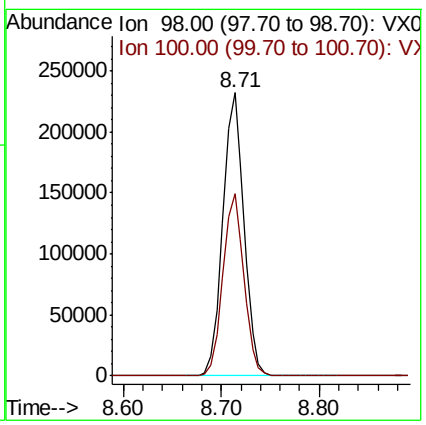


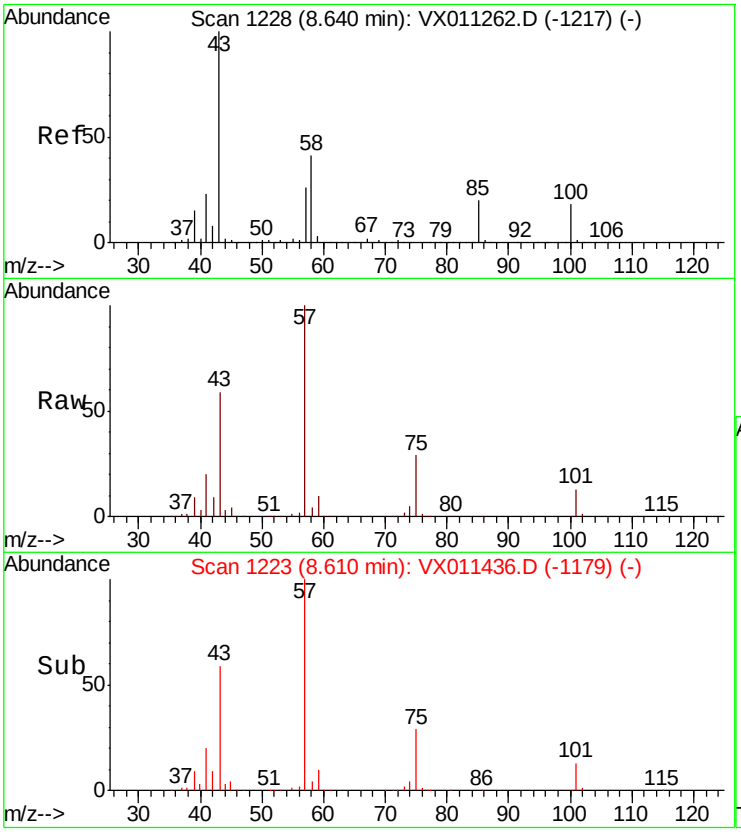


#50
Toluene-d8
Concen: 48.448 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 98 Resp: 348722

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5



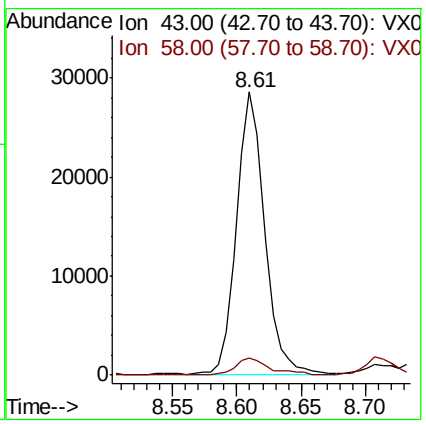


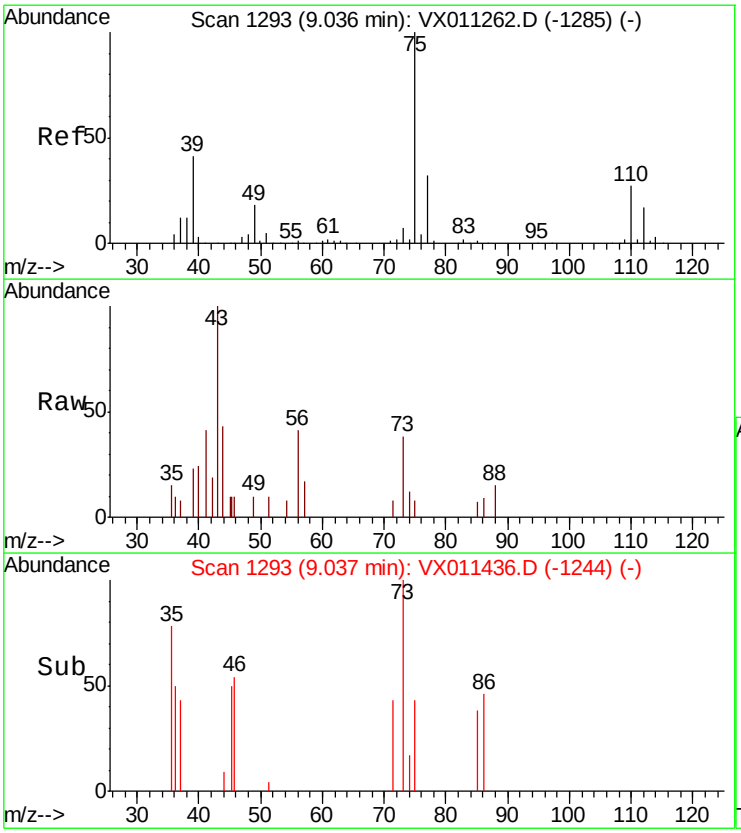
#51
4-Methyl-2-Pentanone
Concen: 16.294 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 43 Resp: 43003

Ion	Ratio	Lower	Upper
43	100		
58	7.7	32.3	48.5#

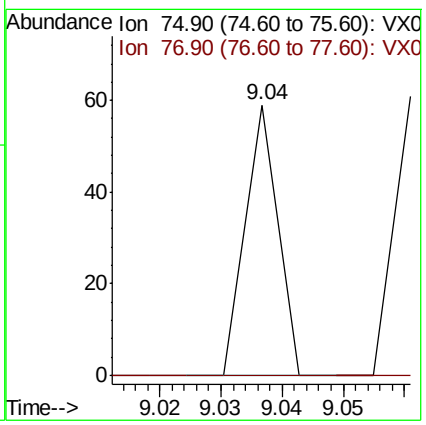


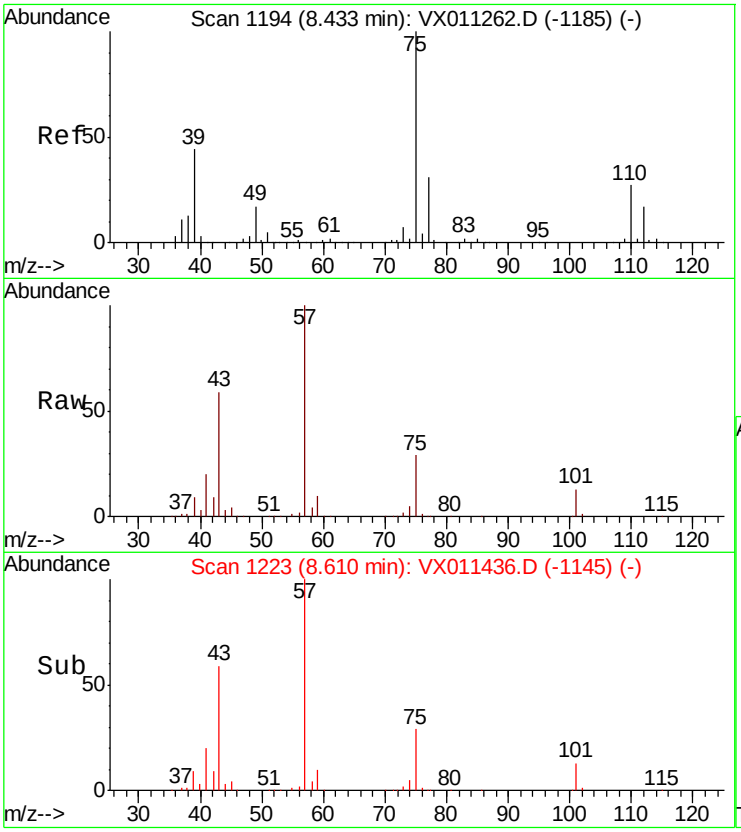


#53
t-1,3-Dichloropropene
Concen: 2.846 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



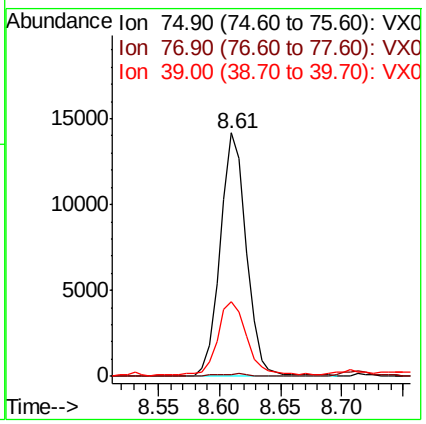


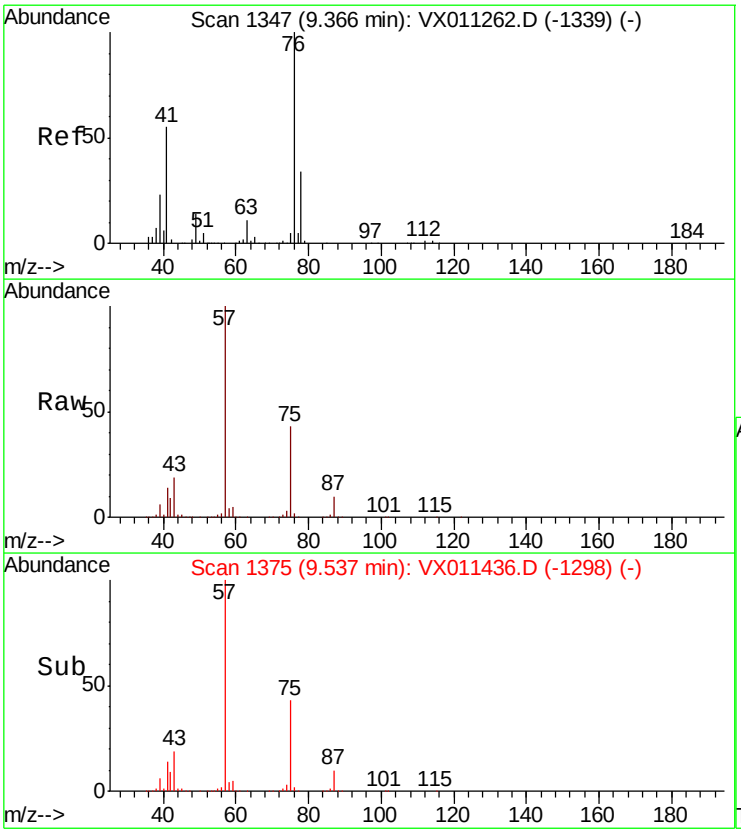
#54
cis-1,3-Dichloropropene
Concen: 7.383 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 75 Resp: 21007

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.0	37.6#
39	29.5	35.3	52.9#

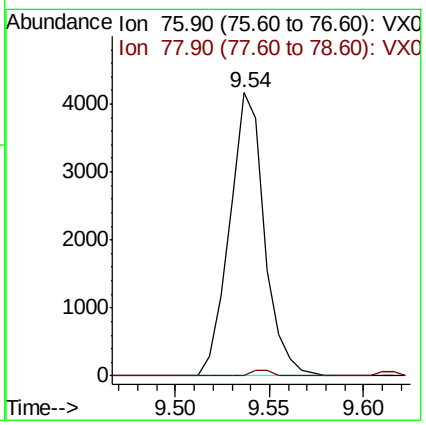


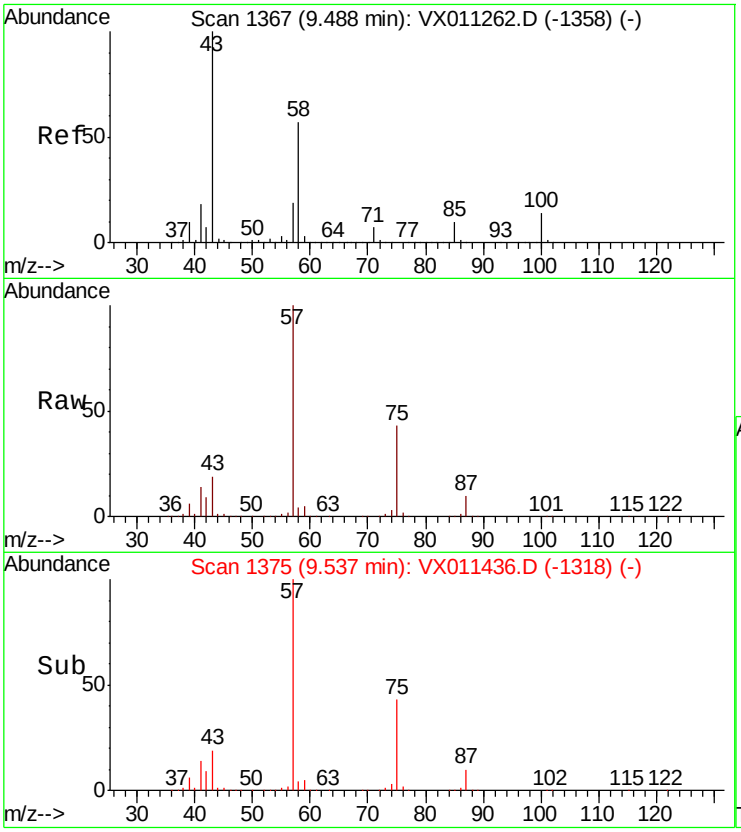


#57
1,3-Dichloropropane
Concen: 1.633 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 76 Resp: 5342

Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.6	40.0#



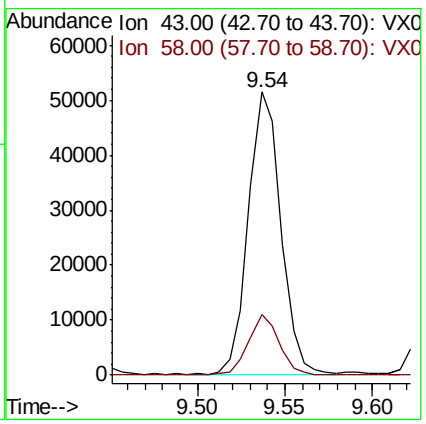


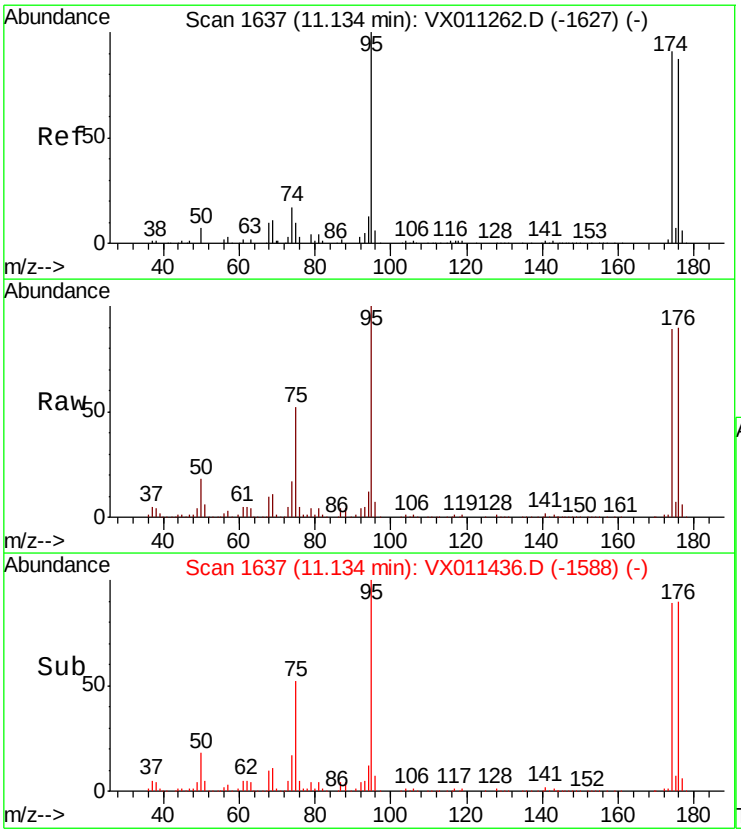
#59
2-Hexanone
Concen: 32.520 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 43 Resp: 66478

Ion	Ratio	Lower	Upper
43	100		
58	20.7	28.2	84.6#

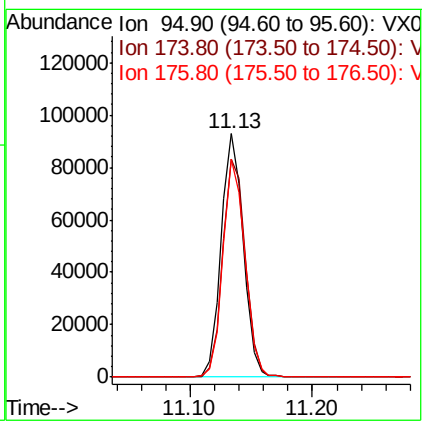


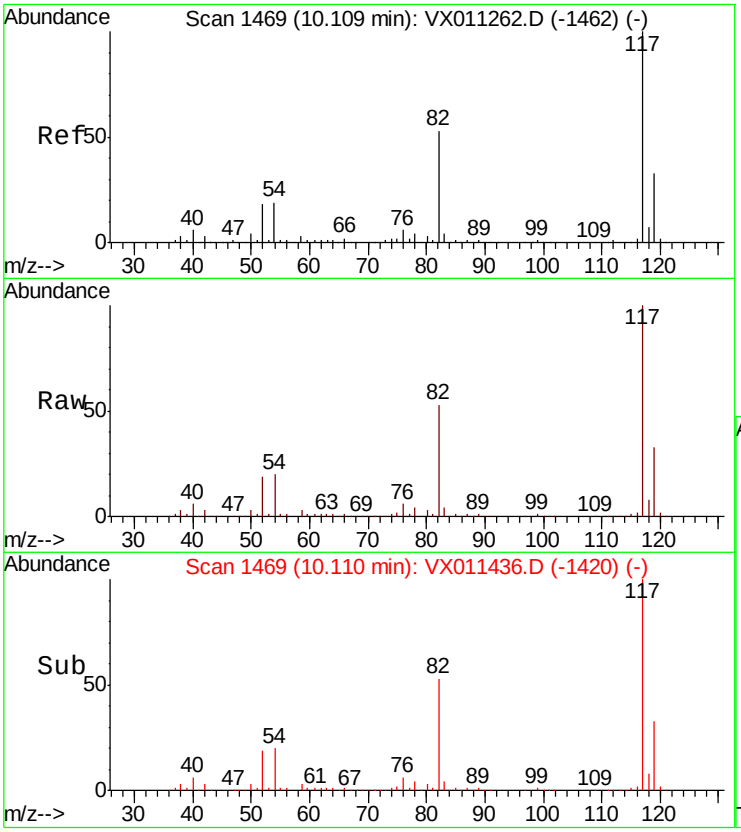


#62
4-Bromofluorobenzene
Concen: 45.373 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 95 Resp: 116603

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	191.2
176	88.6	0.0	184.8



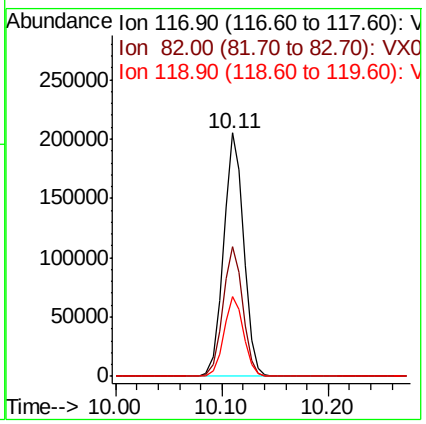


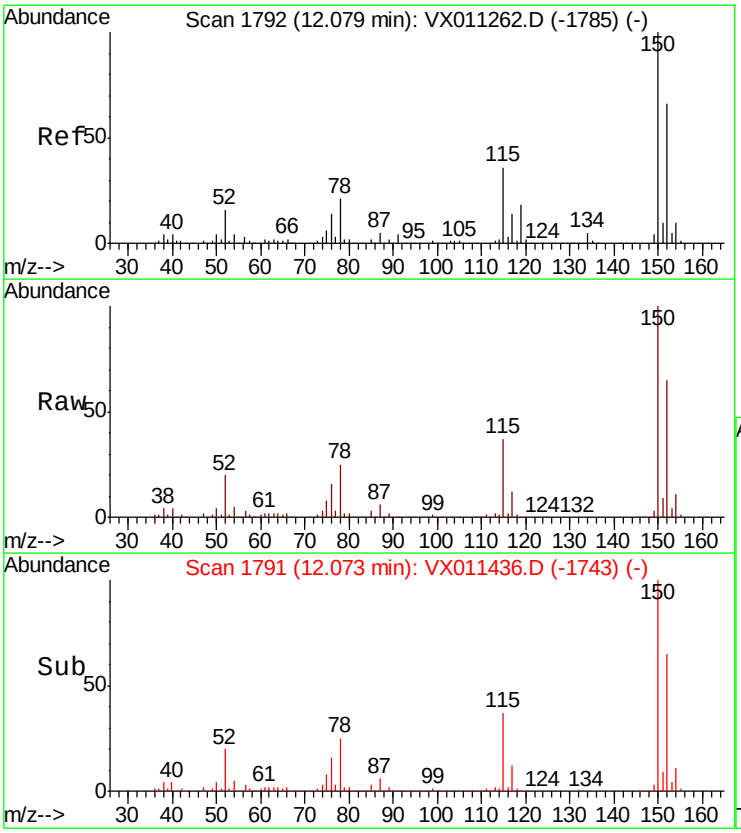
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion:117 Resp: 270797

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	32.7	26.6	39.8

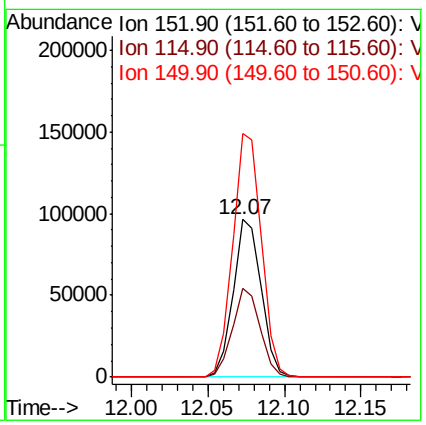


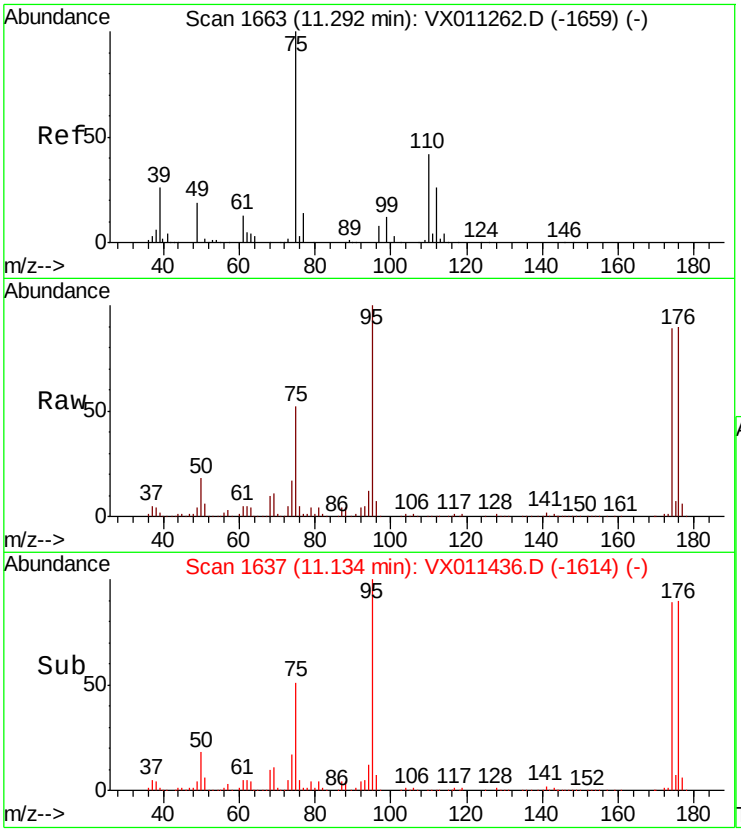


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion:152 Resp: 121910

Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	158.3	0.0	350.4



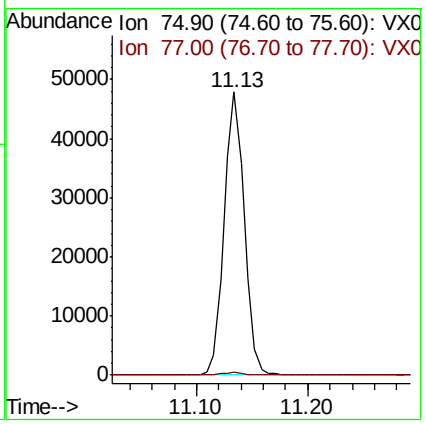


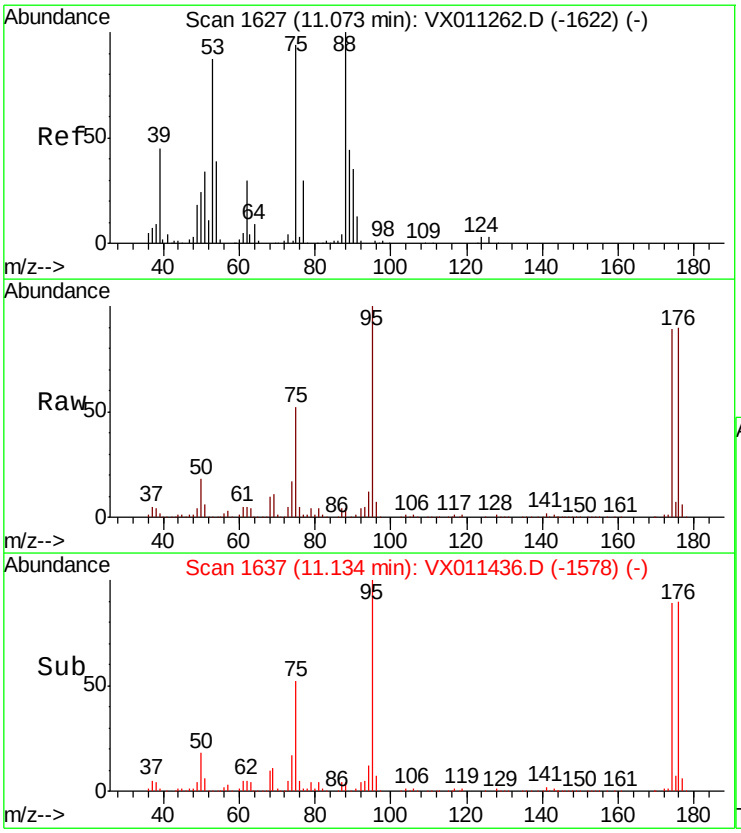
#76
1,2,3-Trichloropropane
Concen: 26.957 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
2S-I3-(0)

Tgt Ion: 75 Resp: 59849

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.993 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion: 75 Resp: 59849

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.0	37.9	56.9#