Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011438.D
Acq On : 11 Aug 2019 17:49
Operator : JC/SP
Sample : K4228-38
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 2S-I1-(1)

Quant Time: Aug 12 07:50:46 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	200633	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	301148	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	274430	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120175	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	108285	53.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.18%				
35) Dibromofluoromethane	5.49	113	92367	46.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.96%				
50) Toluene-d8	8.71	98	362616	48.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.72%				
62) 4-Bromofluorobenzene	11.13	95	117184	44.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.46%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	401	0.294	ug/l	#	75
6) Chloroethane	1.73	64	159	Below Cal		#	43
8) Diethyl Ether	2.18	74	416	0.342	ug/l		73
11) Tert butyl alcohol	3.01	59	2896	7.210	ug/l	#	75
13) Acrolein	2.26	56	28	Below Cal		#	15
16) Acetone	2.43	43	6697	6.964	ug/l		94
18) Methyl Acetate	2.78	43	1649	0.750	ug/l		97
20) Methylene Chloride	2.85	84	5248	2.492	ug/l		92
25) 2-Butanone	4.68	43	942	0.689	ug/l	#	88
29) Tetrahydrofuran	5.14	42	408	0.486	ug/l	#	57
31) Cyclohexane	5.65	56	4009	1.541	ug/l	#	21
36) 1,1-Dichloropropene	5.65	75	14536	5.528	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	19295	7.294	ug/l	#	14
43) Isopropyl Acetate	6.44	43	7861	1.864	ug/l		99
48) Methyl methacrylate	7.67	41	3836	1.933	ug/l	#	10
49) 1,4-Dioxane	7.77	88	20	0.348	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	40795	14.991	ug/l	#	48
53) t-1,3-Dichloropropene	9.05	75	70	2.861	ug/l	#	43
54) cis-1,3-Dichloropropene	8.61	75	19617	6.687	ug/l	#	71
57) 1,3-Dichloropropane	9.54	76	5098	1.511	ug/l	#	41
59) 2-Hexanone	9.54	43	63607	30.178	ug/l	#	51
76) 1,2,3-Trichloropropane	11.13	75	59718	27.287	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	59718	70.793	ug/l	#	10

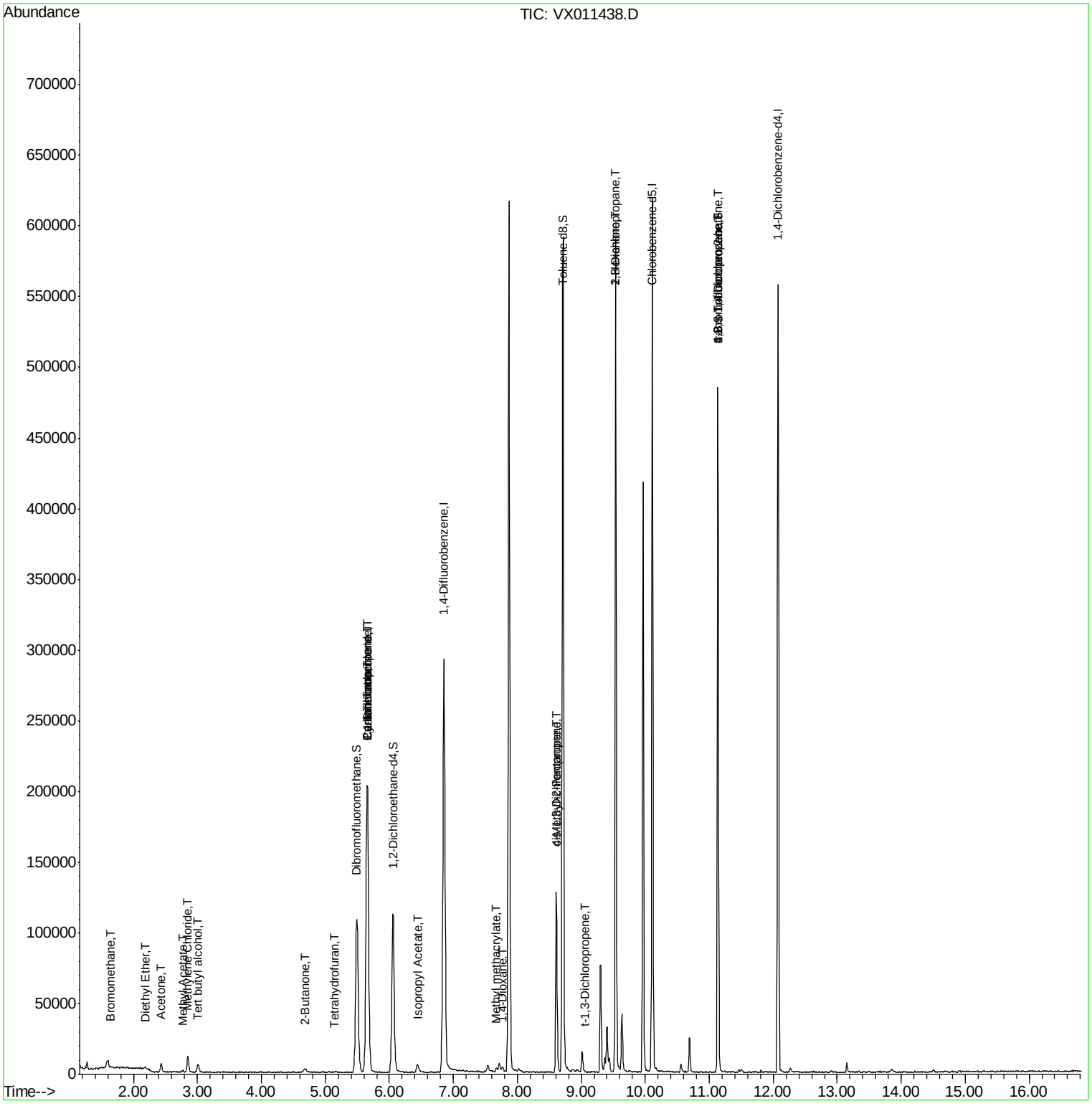
(#) = qualifier out of range (m) = manual integration (+) = signals summed

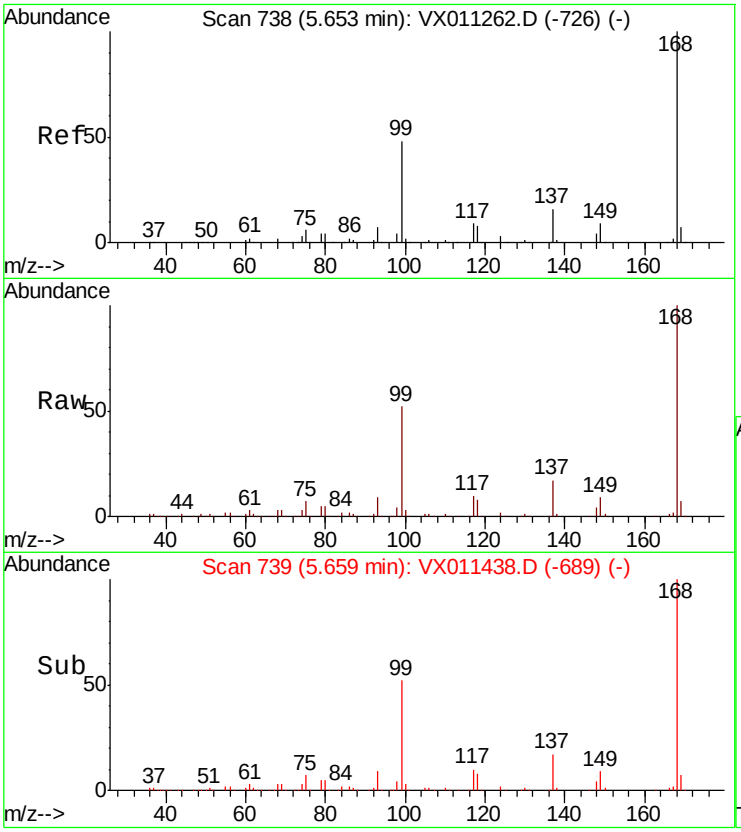
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011438.D
Acq On : 11 Aug 2019 17:49
Operator : JC/SP
Sample : K4228-38
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Quant Time: Aug 12 07:50:46 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



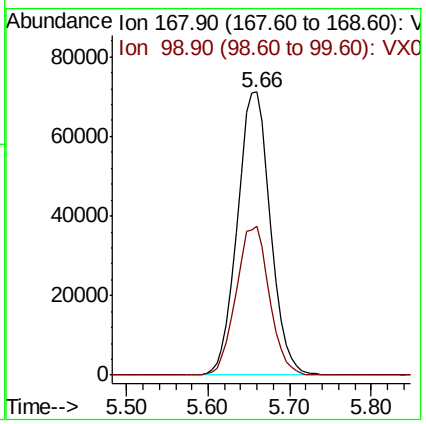


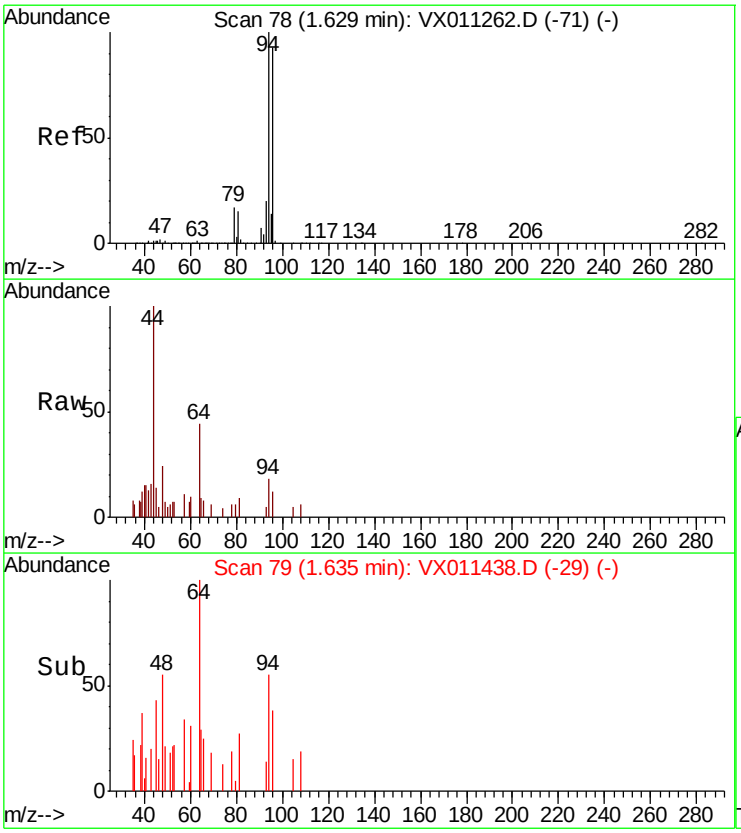
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion:168 Resp: 200633

Ion	Ratio	Lower	Upper
168	100		
99	52.5	38.5	57.7

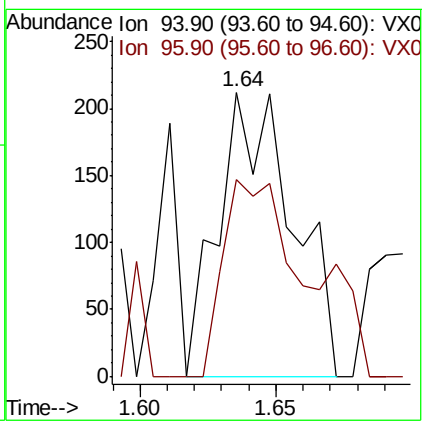


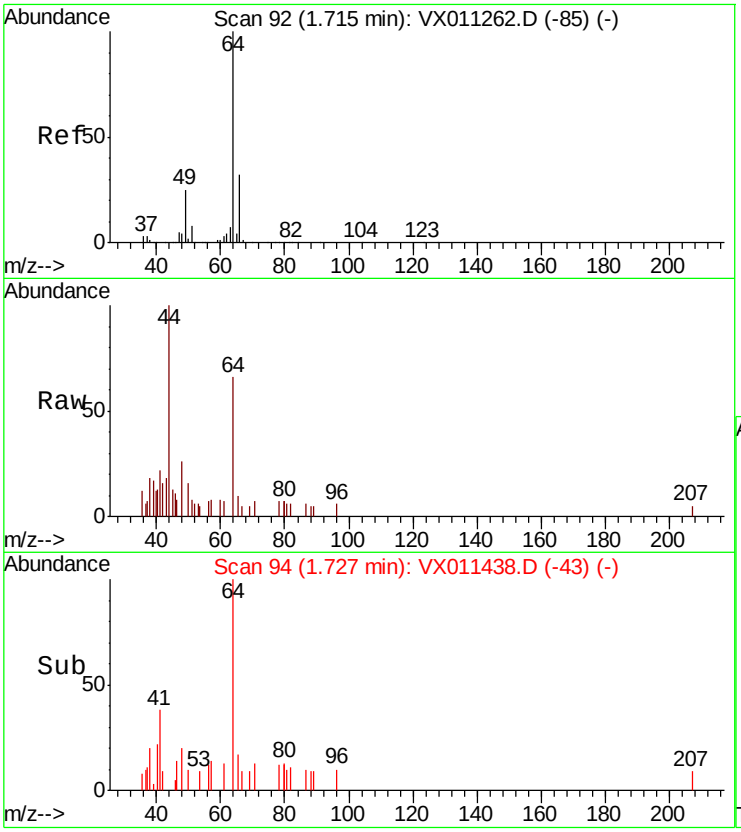


#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 94 Resp: 401

Ion	Ratio	Lower	Upper
94	100		
96	69.3	74.6	112.0#



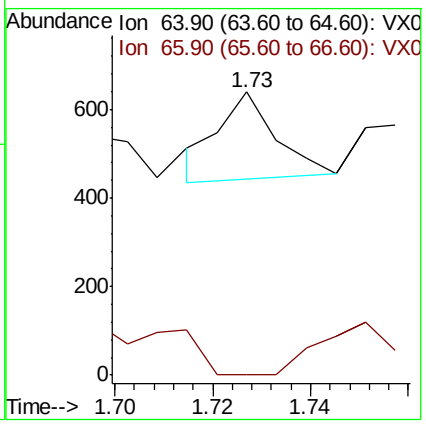


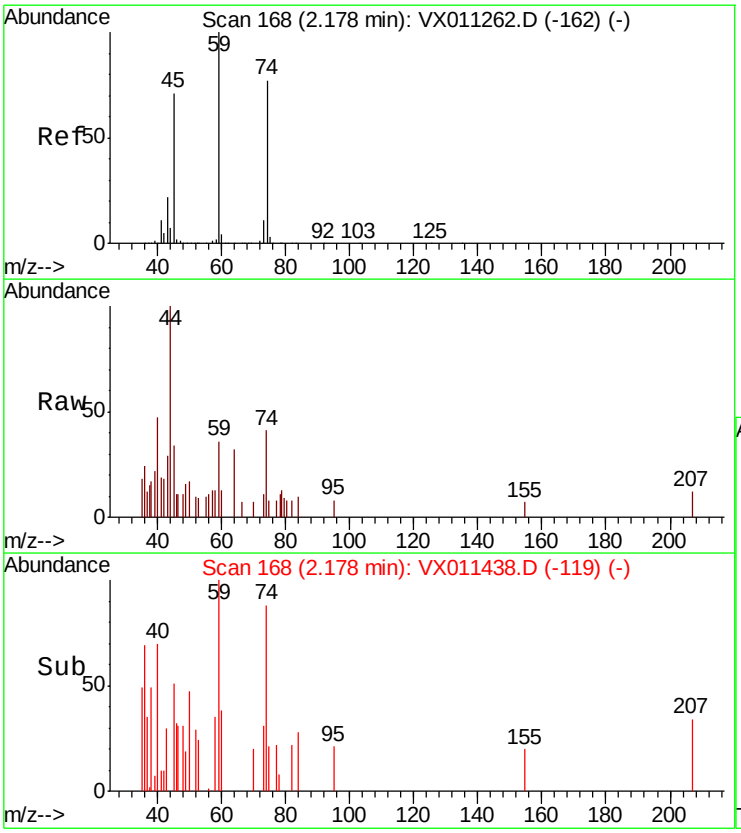
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 64 Resp: 159

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

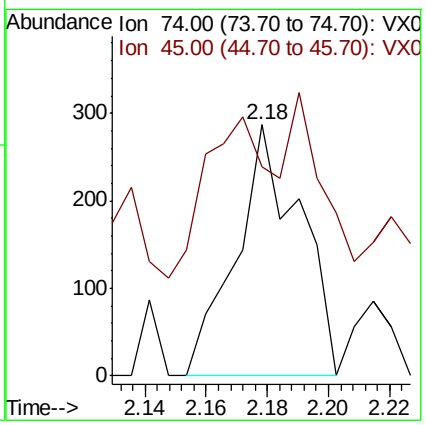


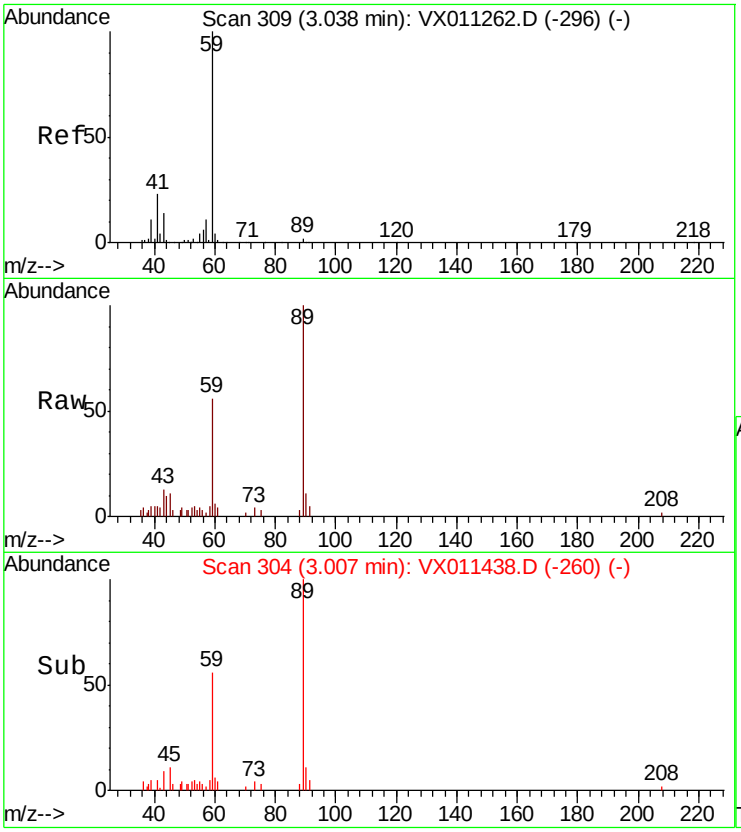


#8
Diethyl Ether
Concen: 0.342 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 74 Resp: 416

Ion	Ratio	Lower	Upper
74	100		
45	66.1	46.1	138.3



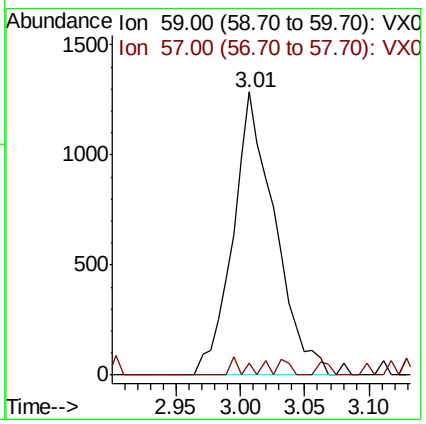


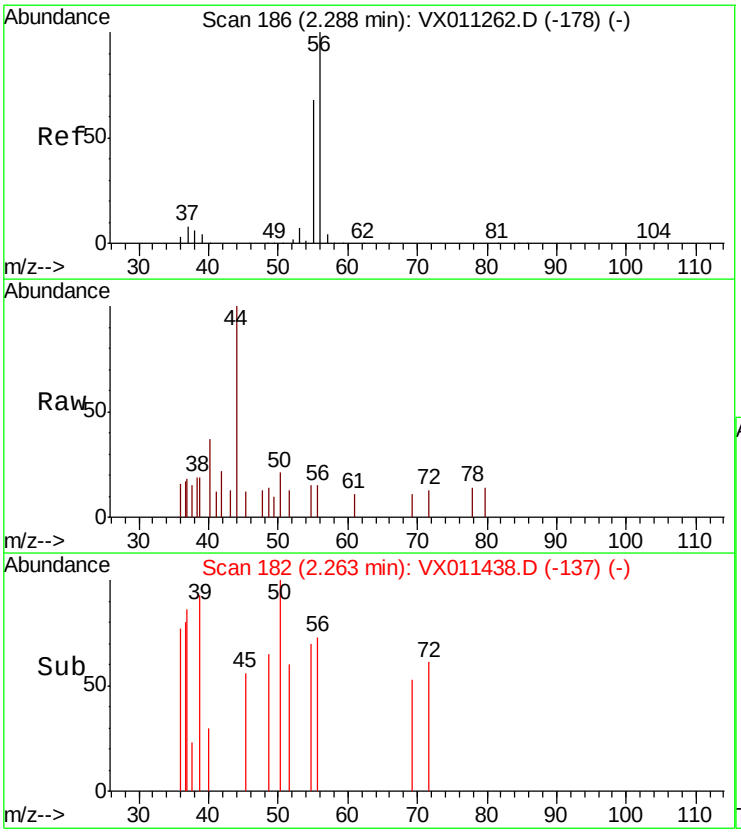
#11
Tert butyl alcohol
Concen: 7.210 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 59 Resp: 2896

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.3	12.5#

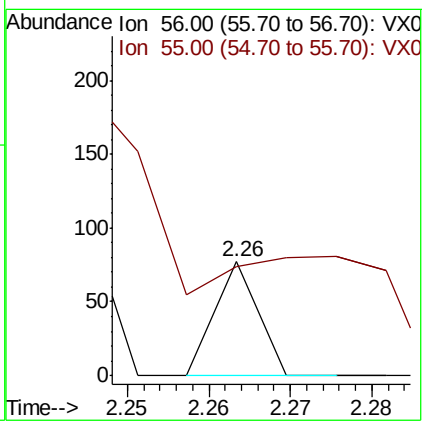


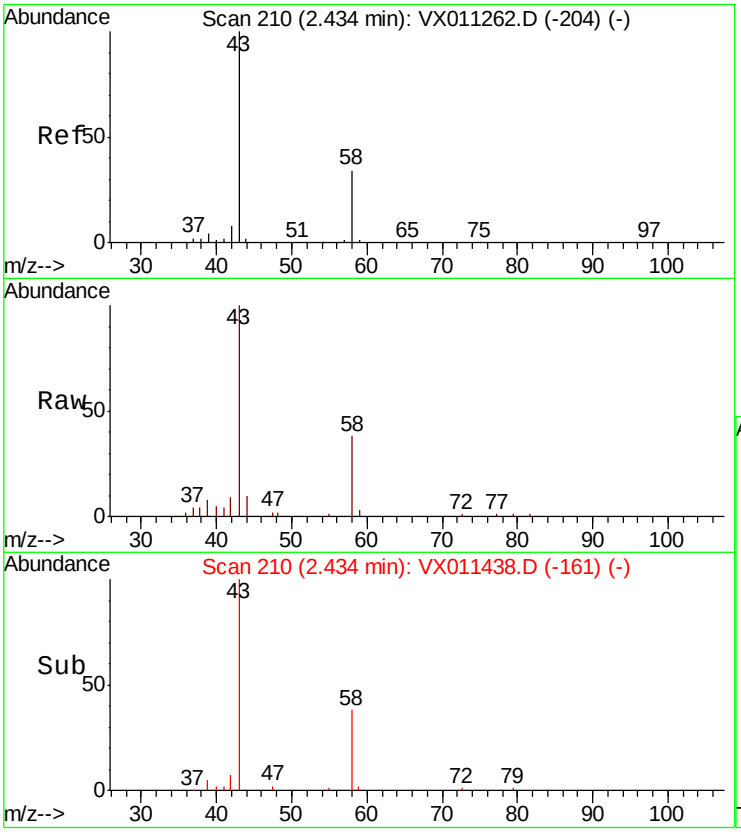


#13
Acrolein
Concen: Below Cal
RT: 2.26 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 56 Resp: 28

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#



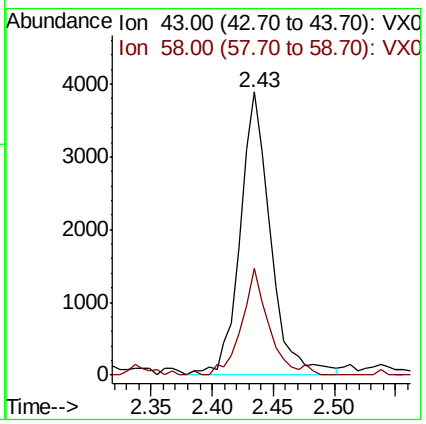


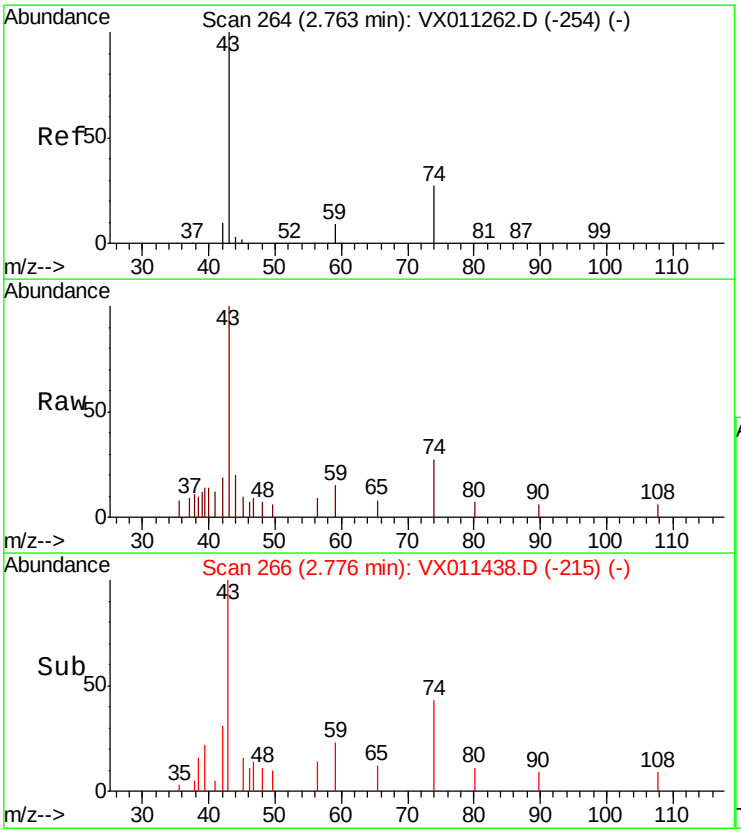
#16
Acetone
Concen: 6.964 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 43 Resp: 6697

Ion	Ratio	Lower	Upper
43	100		
58	37.6	27.4	41.0

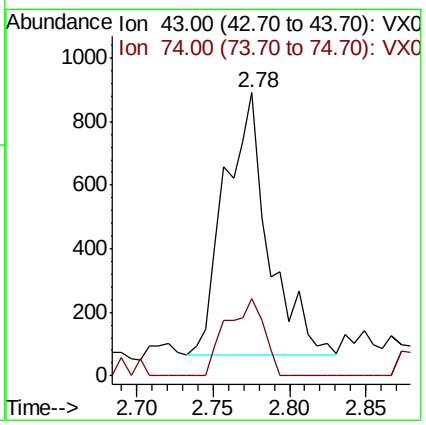


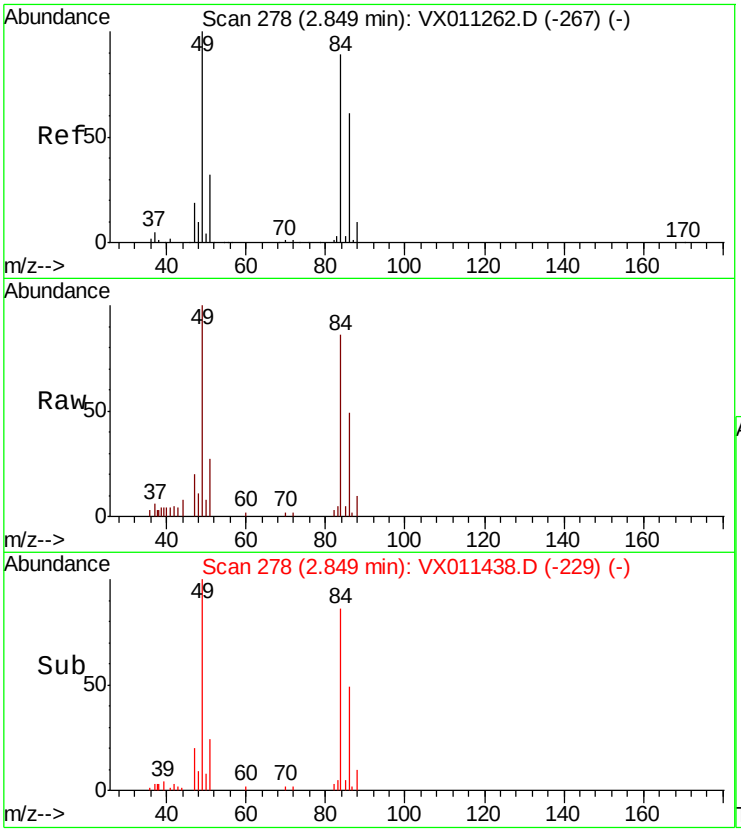


#18
Methyl Acetate
Concen: 0.750 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 1649

Ion	Ratio	Lower	Upper
43	100		
74	24.8	21.0	31.6



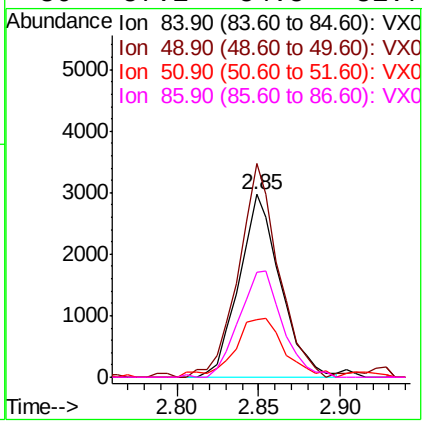


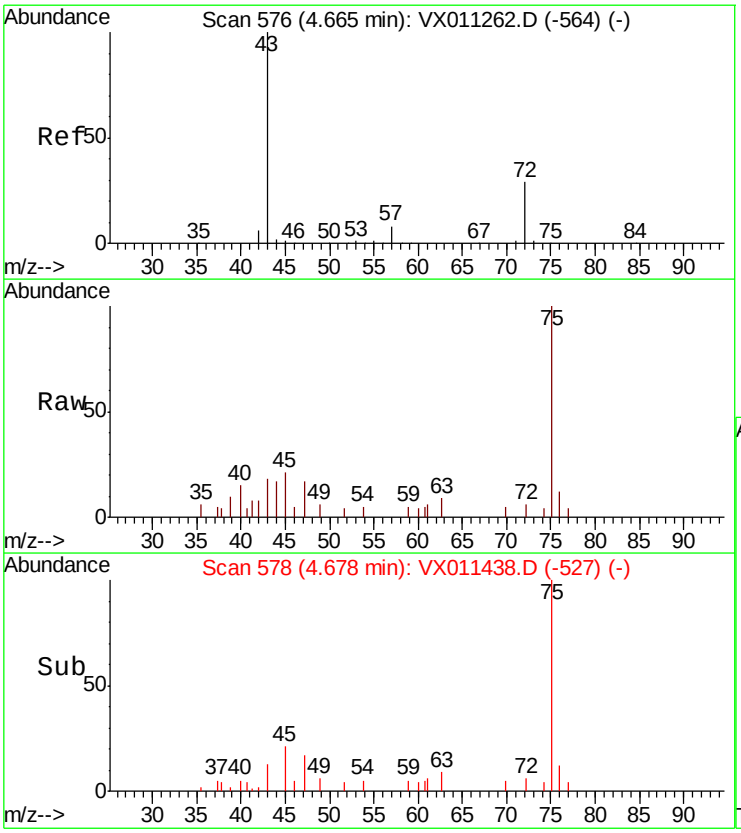
#20
Methylene Chloride
Concen: 2.492 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 84 Resp: 5248

Ion	Ratio	Lower	Upper
84	100		
49	116.8	89.3	133.9
51	31.4	28.3	42.5
86	57.1	54.5	81.7

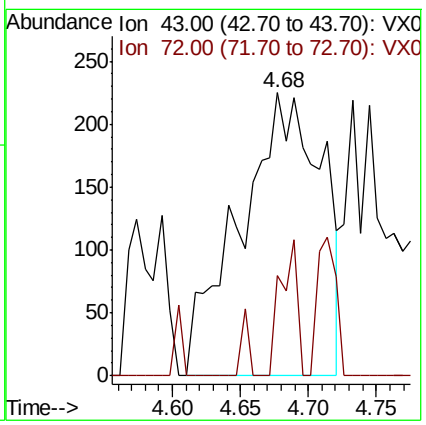


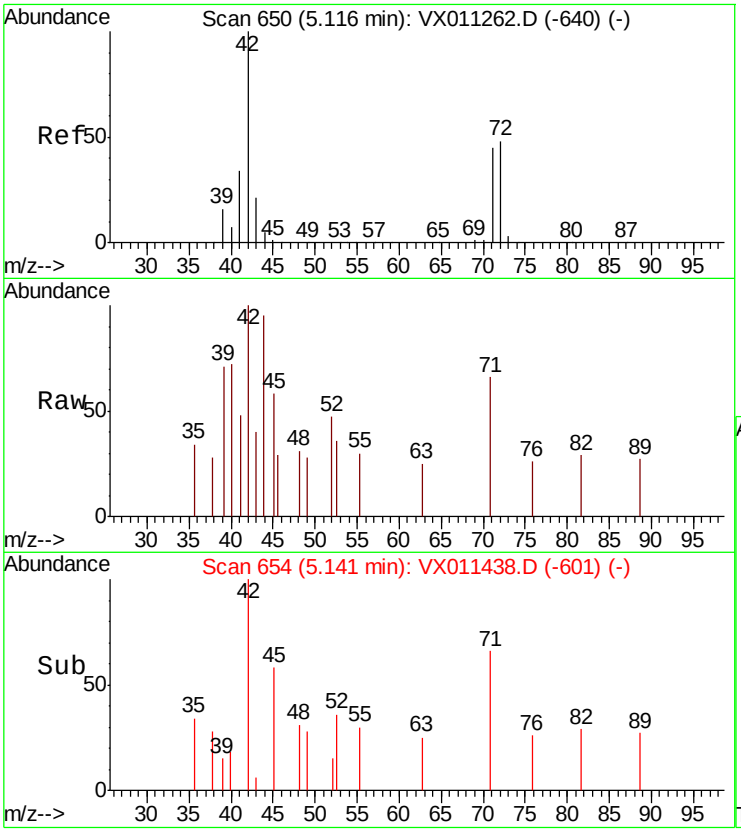


#25
2-Butanone
Concen: 0.689 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
72	35.6	23.2	34.8#



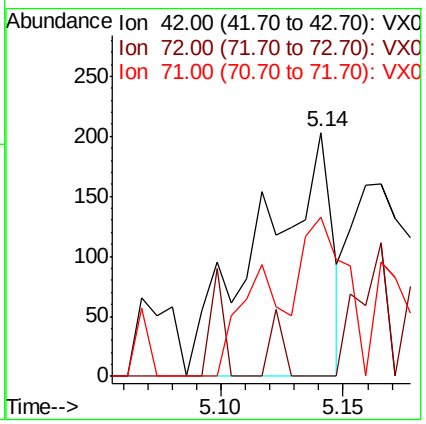


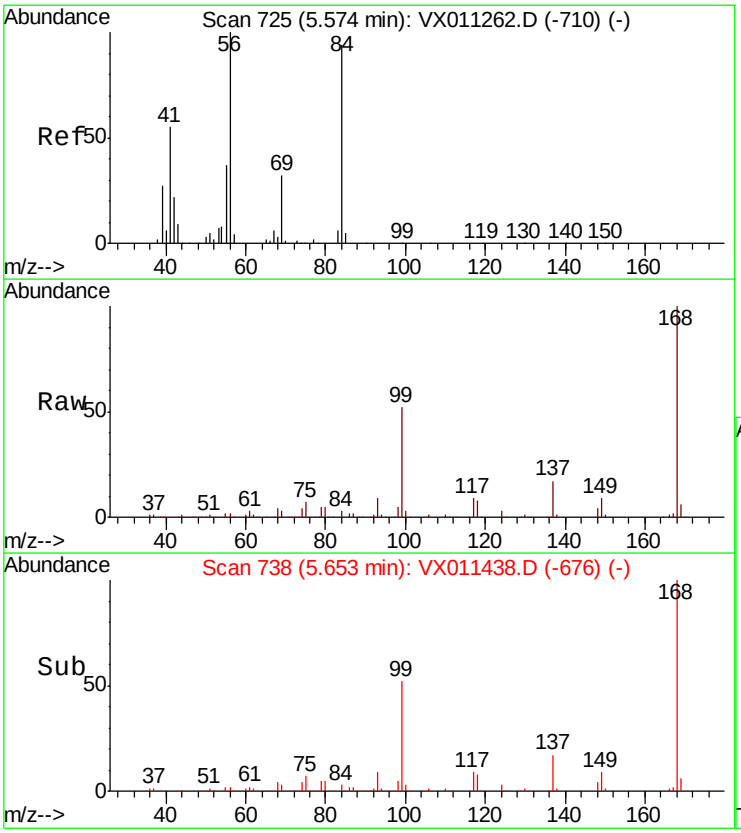
#29
Tetrahydrofuran
Concen: 0.486 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.02 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 42 Resp: 408

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.9	59.9#
71	39.2	36.9	55.3

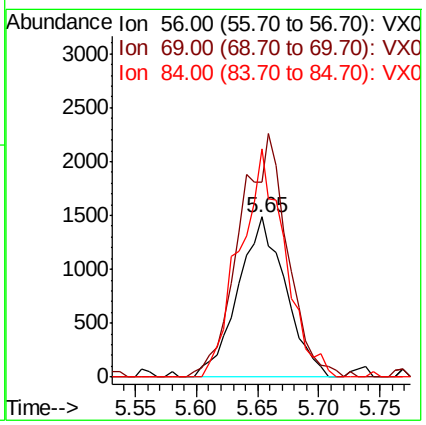


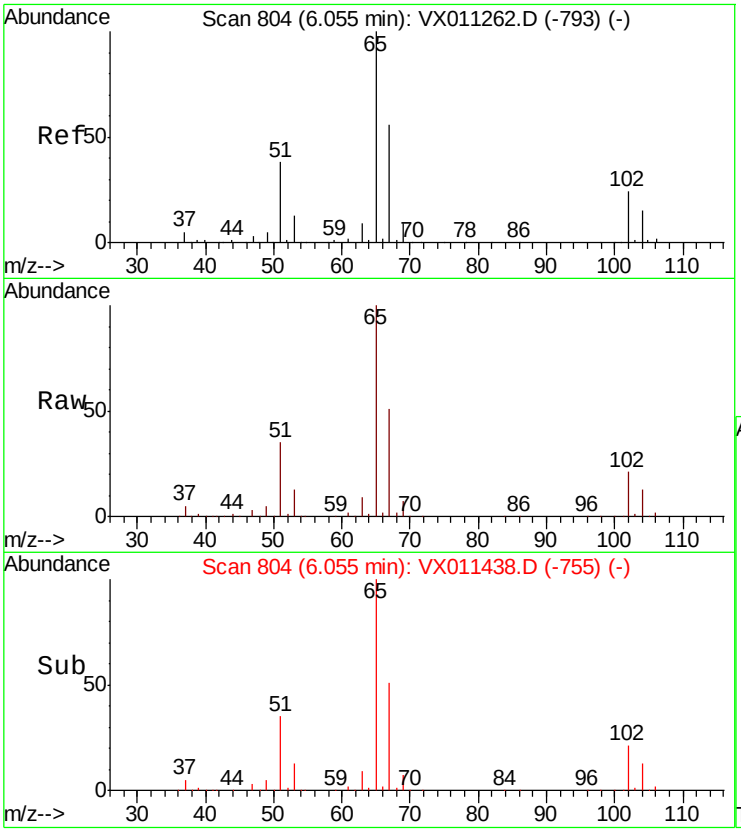


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 56 Resp: 4009

Ion	Ratio	Lower	Upper
56	100		
69	121.9	25.5	38.3#
84	142.5	75.0	112.4#



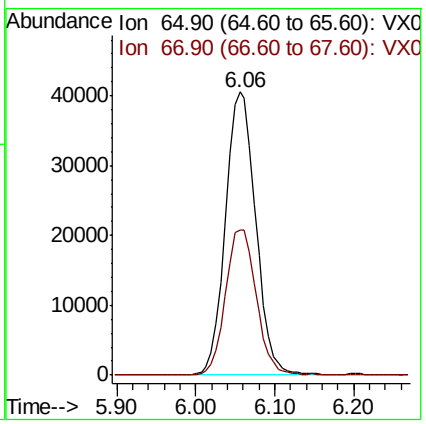


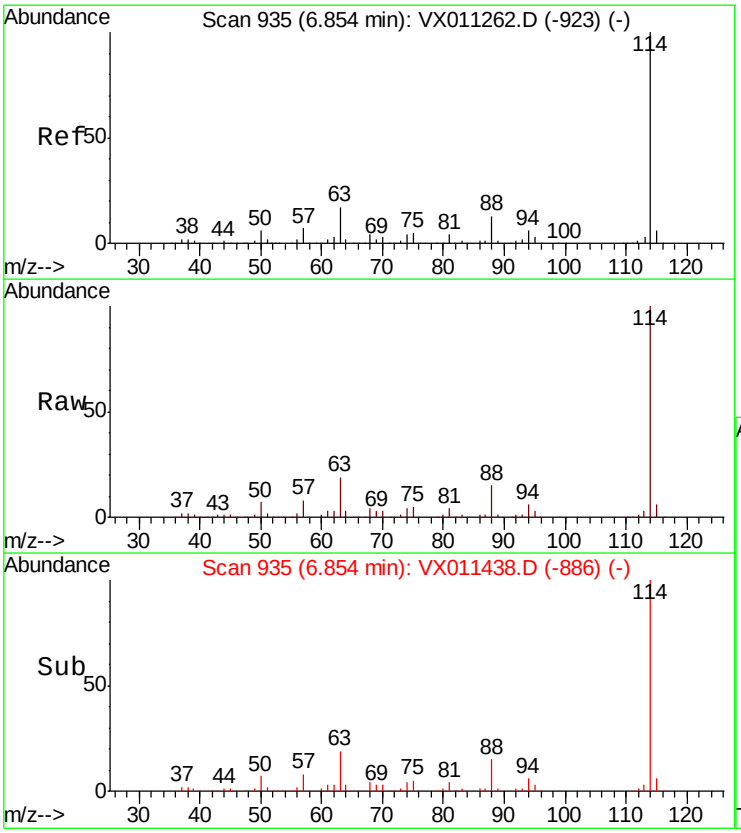
#33
1,2-Dichloroethane-d4
Concen: 53.594 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 65 Resp: 108285

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.6

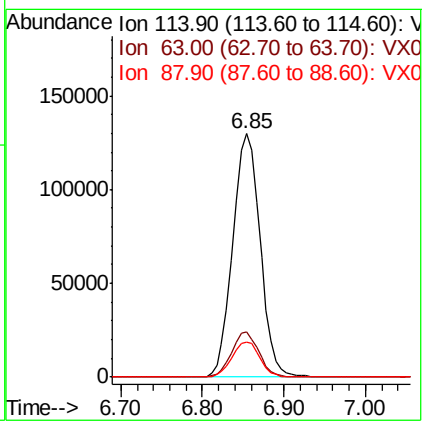


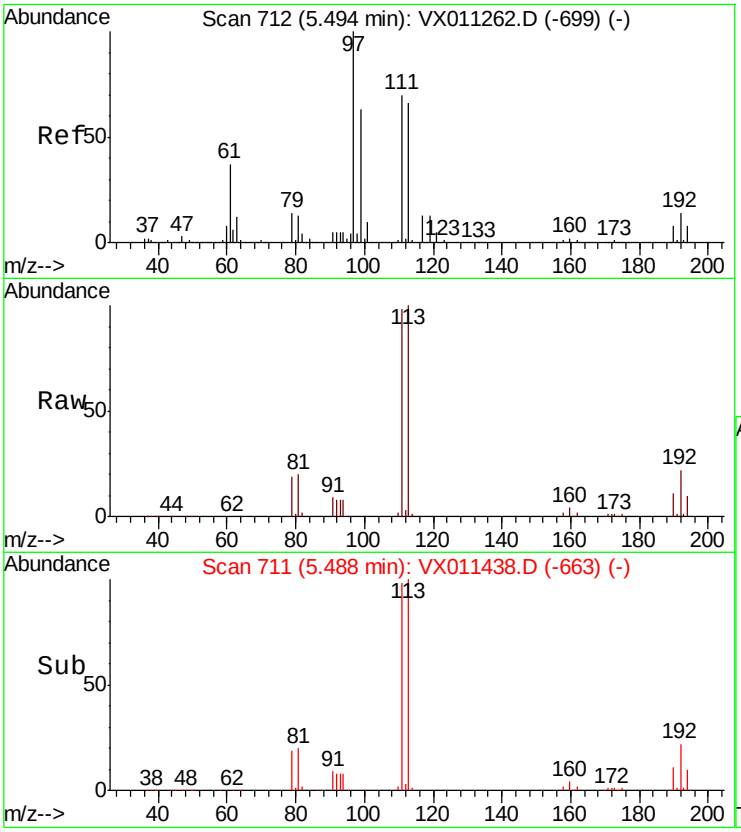


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion:114 Resp: 301148

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.0
88	14.6	0.0	26.4



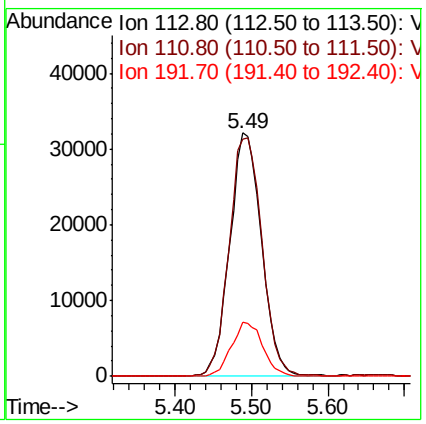


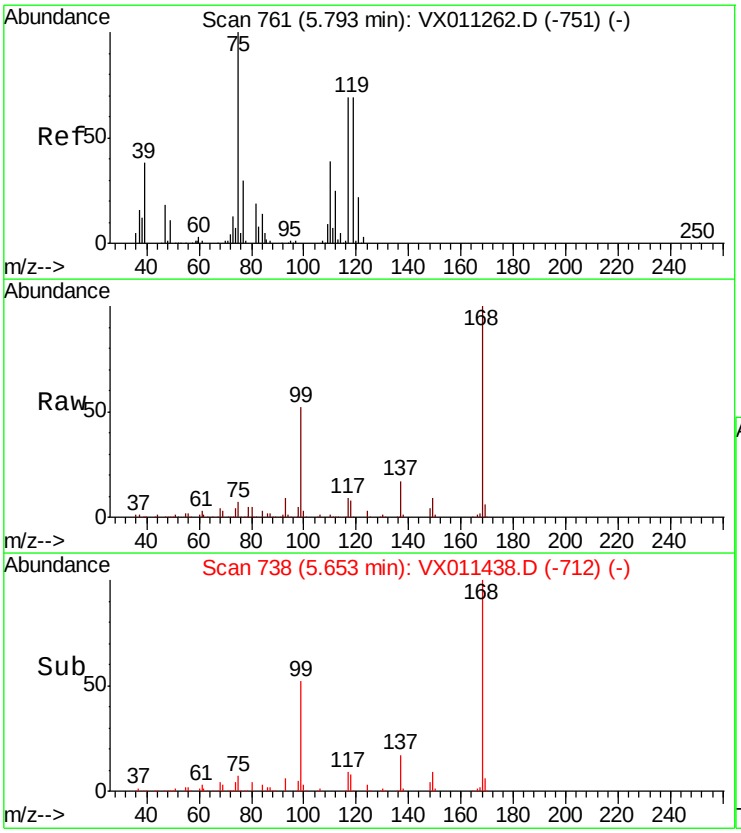
#35
Dibromofluoromethane
Concen: 46.979 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion:113 Resp: 92367

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	22.0	17.8	26.8

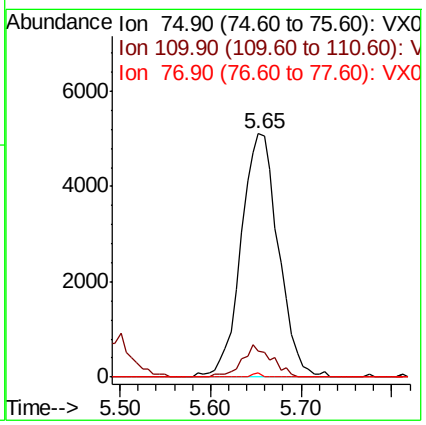


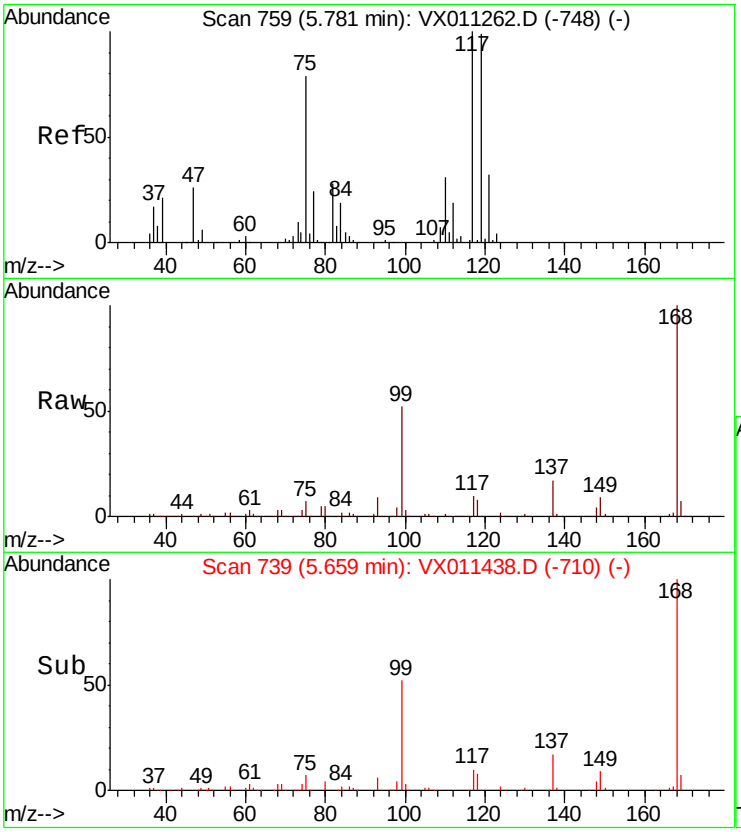


#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 75 Resp: 14536

Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.0	59.9#
77	0.4	24.8	37.2#



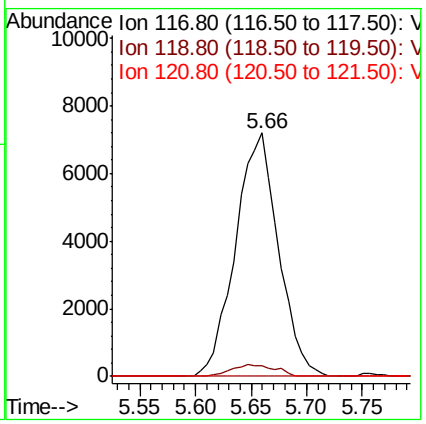


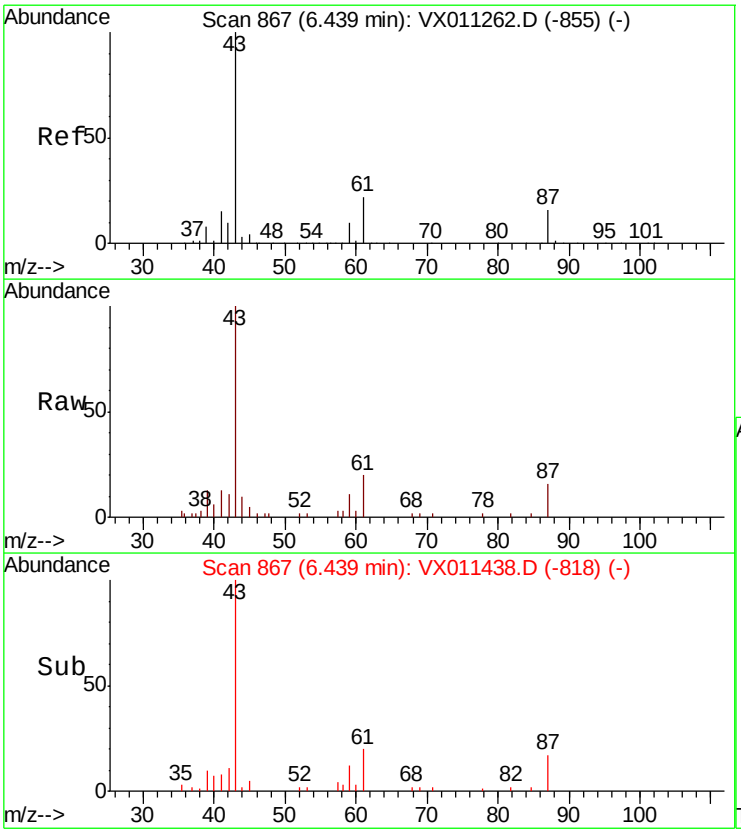
#38
Carbon Tetrachloride
Concen: 7.294 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion:117 Resp: 19295

Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.0	118.4#
121	0.0	25.9	38.9#

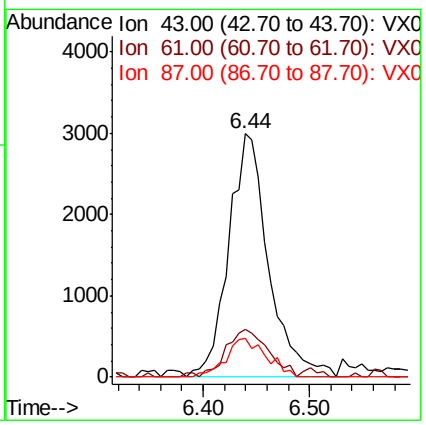


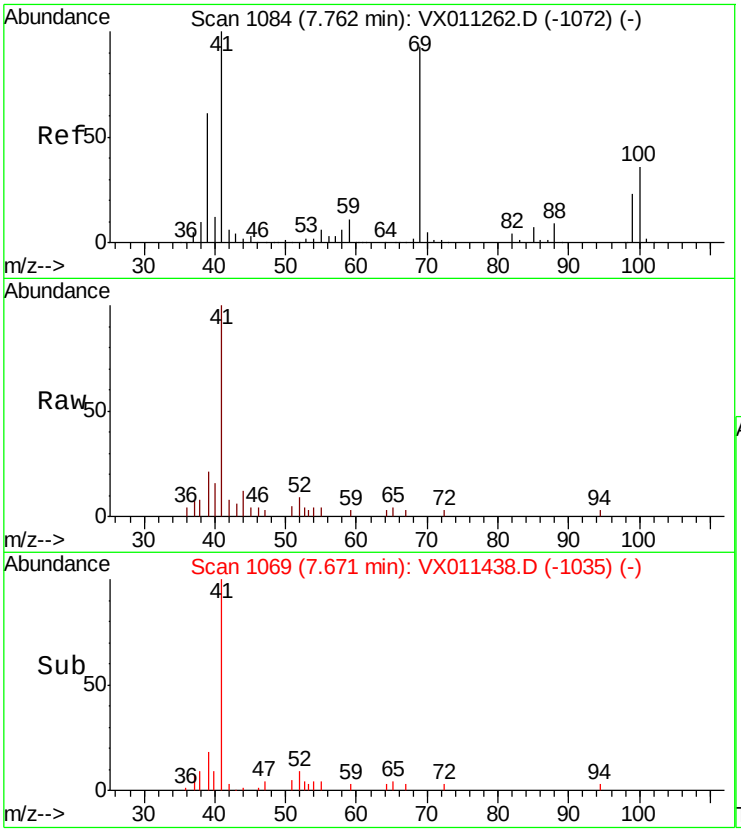


#43
Isopropyl Acetate
Concen: 1.864 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 7861

Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	16.1	12.1	18.1



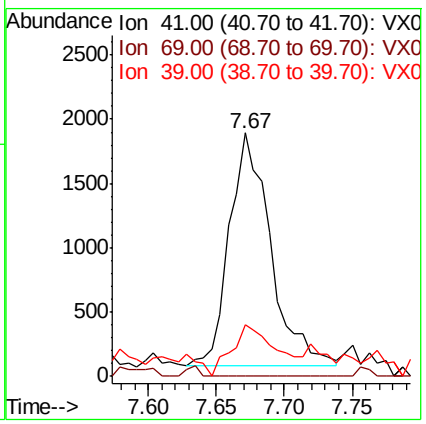


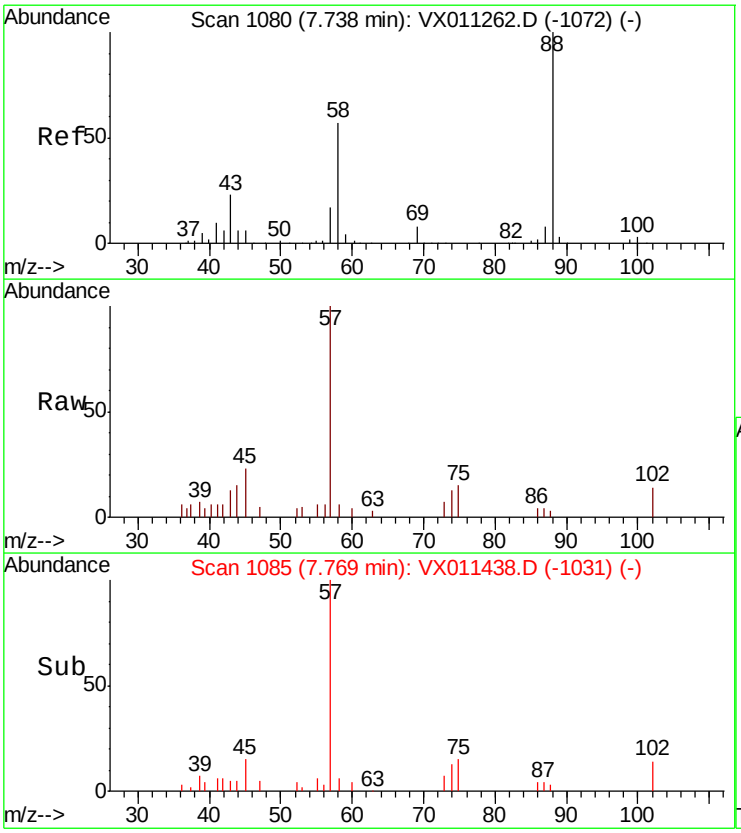
#48
Methyl methacrylate
Concen: 1.933 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 41 Resp: 3836

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

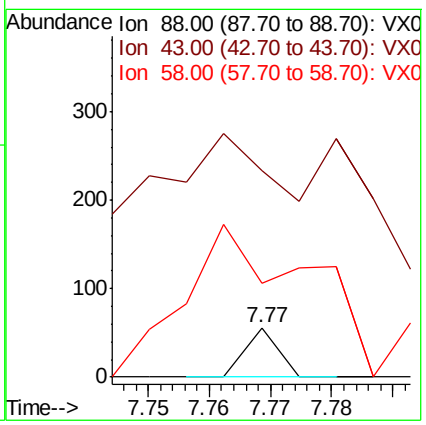


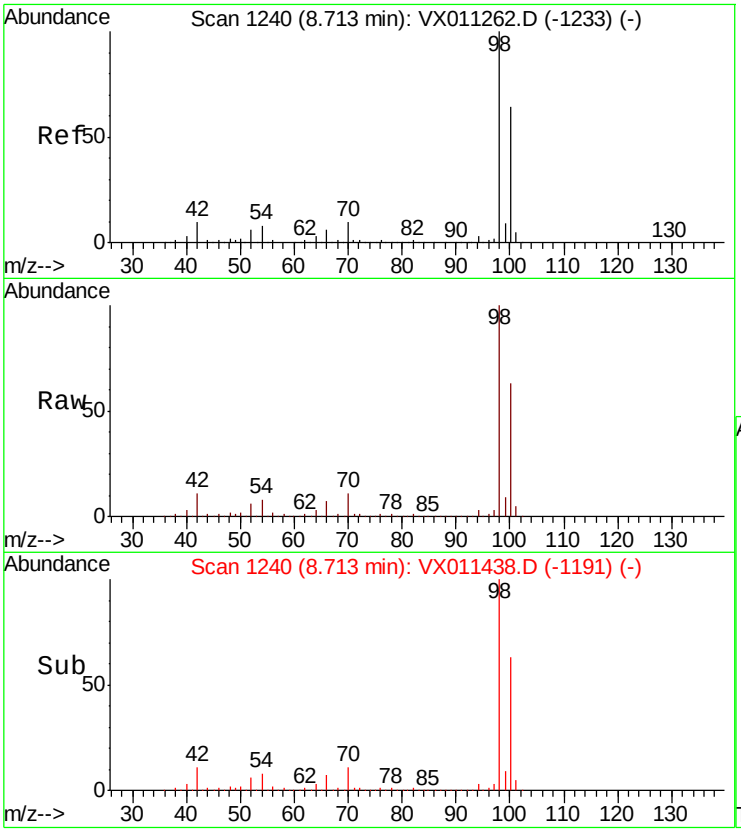


#49
1,4-Dioxane
Concen: 0.348 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	1215.0	47.8	71.8#



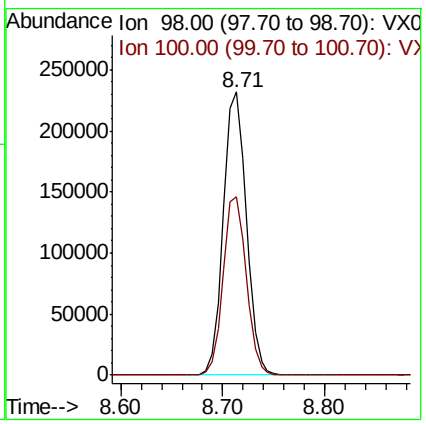


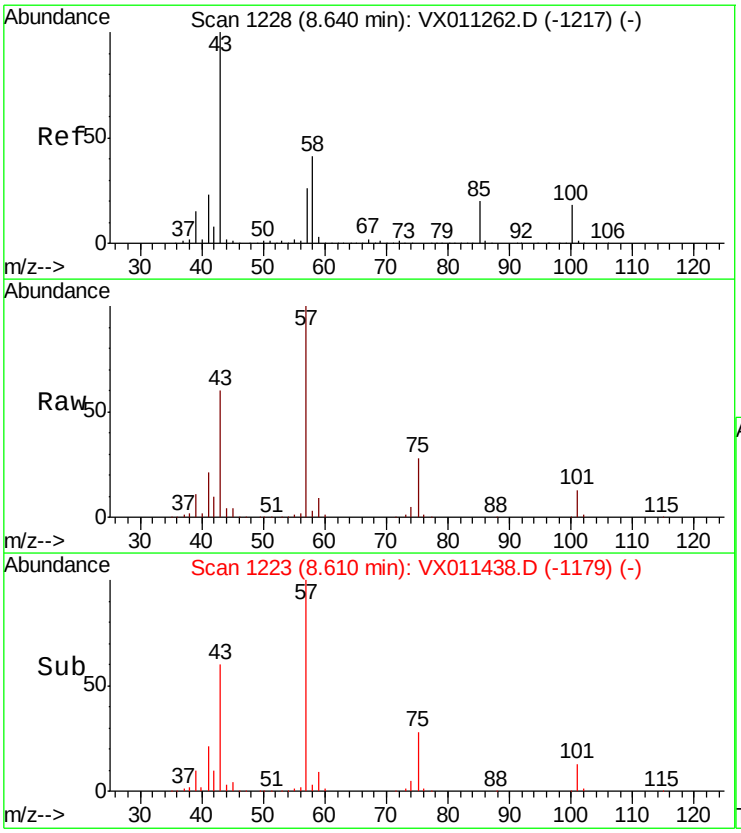
#50
Toluene-d8
Concen: 48.860 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 98 Resp: 362616

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.7	77.5

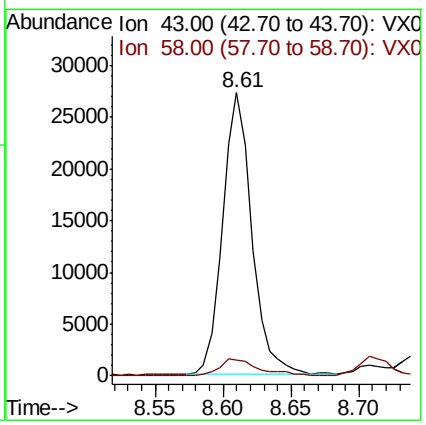


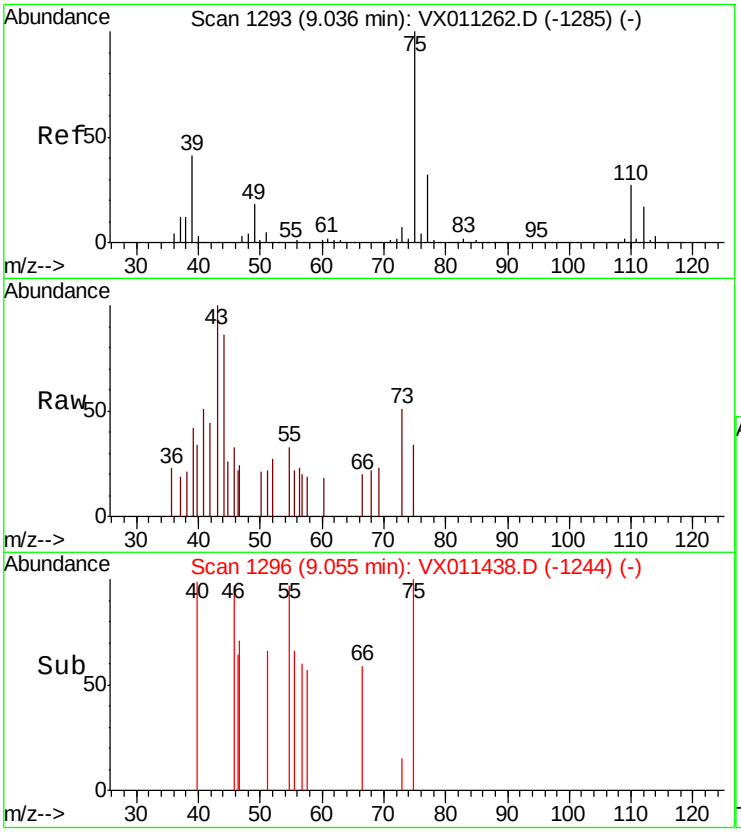


#51
4-Methyl-2-Pentanone
Concen: 14.991 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 40795

Ion	Ratio	Lower	Upper
43	100		
58	8.1	32.3	48.5#



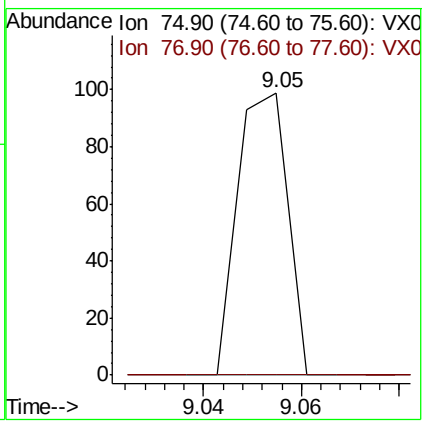


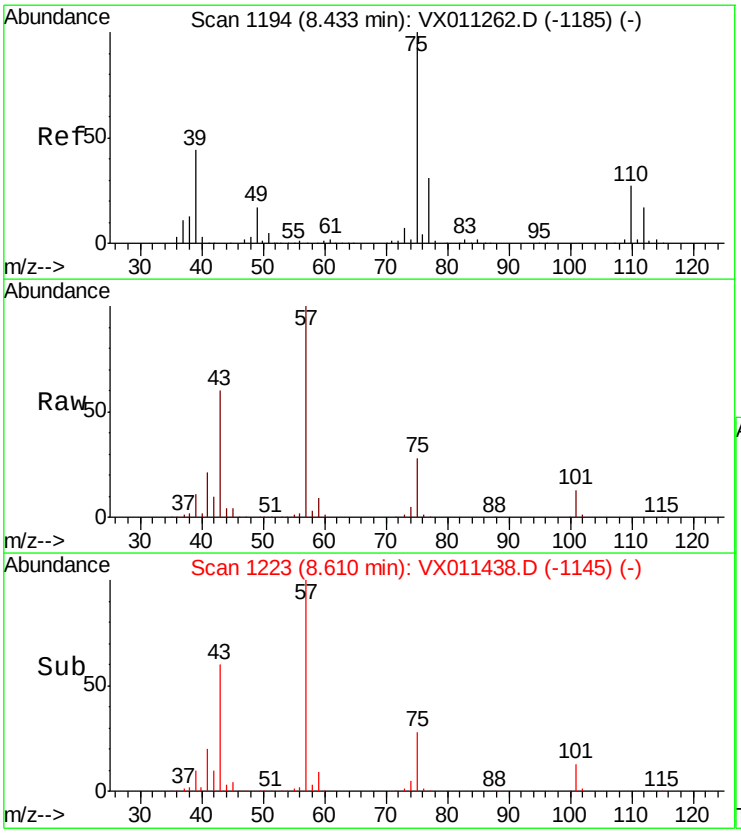
#53
t-1,3-Dichloropropene
Concen: 2.861 ug/l
RT: 9.05 min Scan# 1296
Delta R.T. 0.02 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

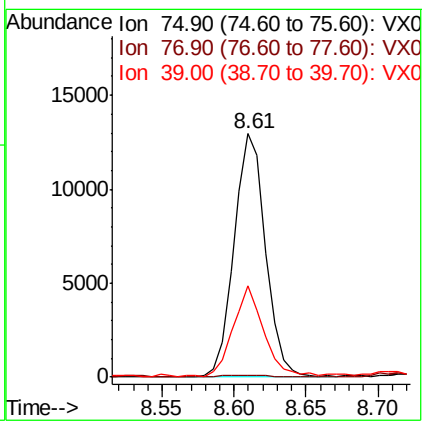


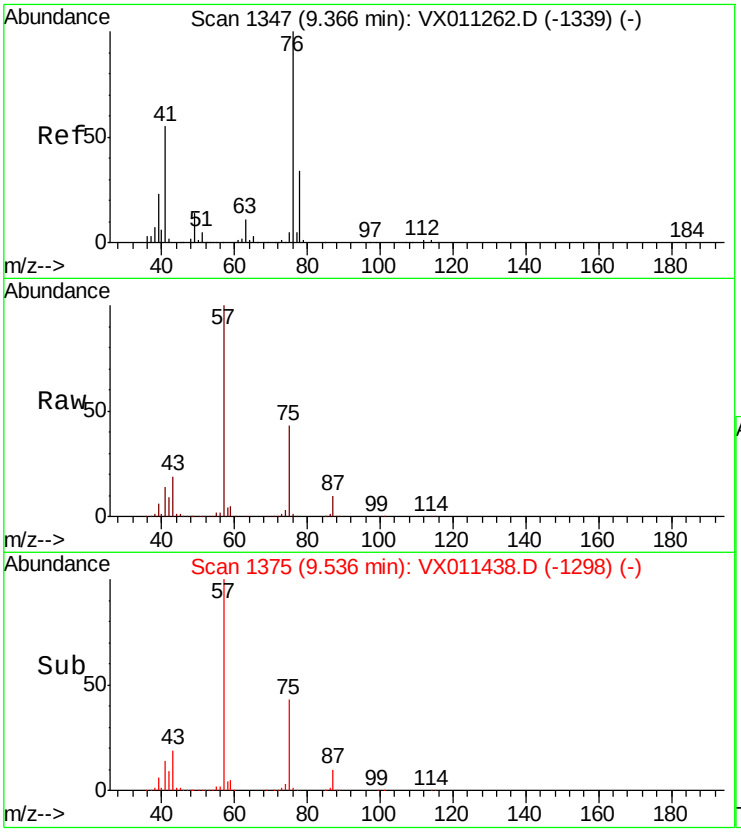


#54
cis-1,3-Dichloropropene
Concen: 6.687 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 75 Resp: 19617

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.0	37.6#
39	36.8	35.3	52.9



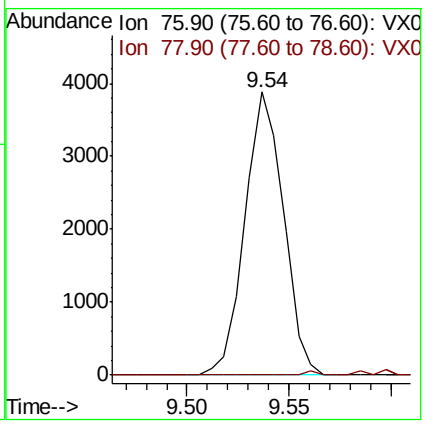


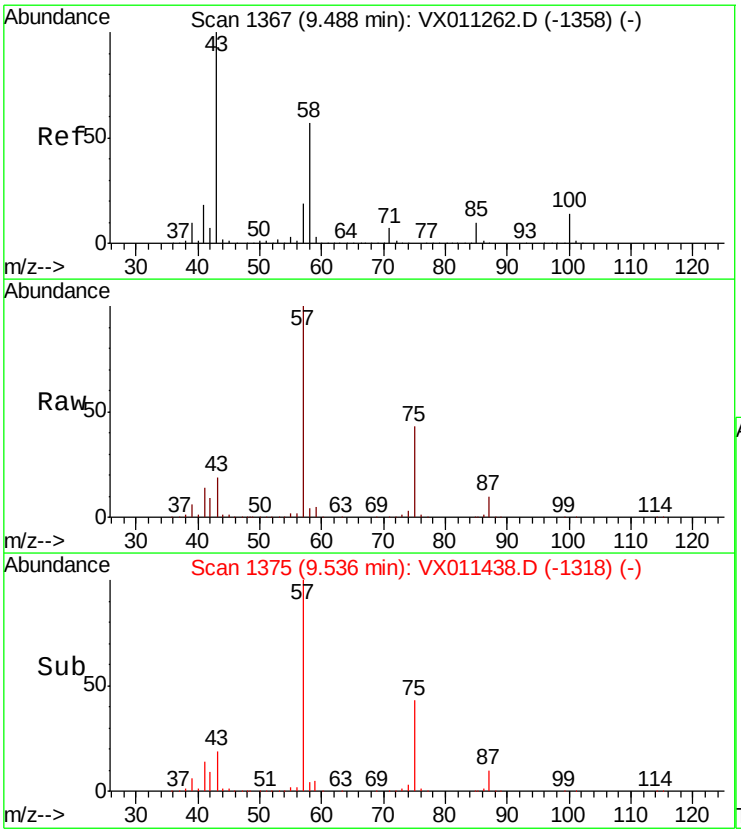
#57
1,3-Dichloropropane
Concen: 1.511 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 76 Resp: 5098

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#

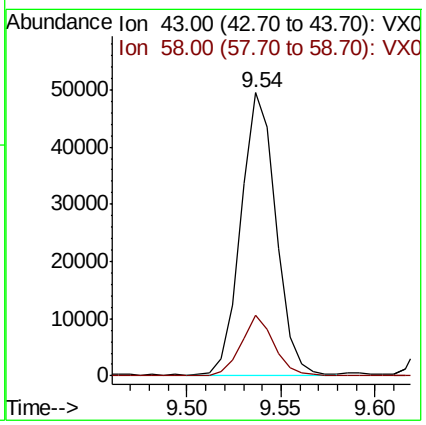


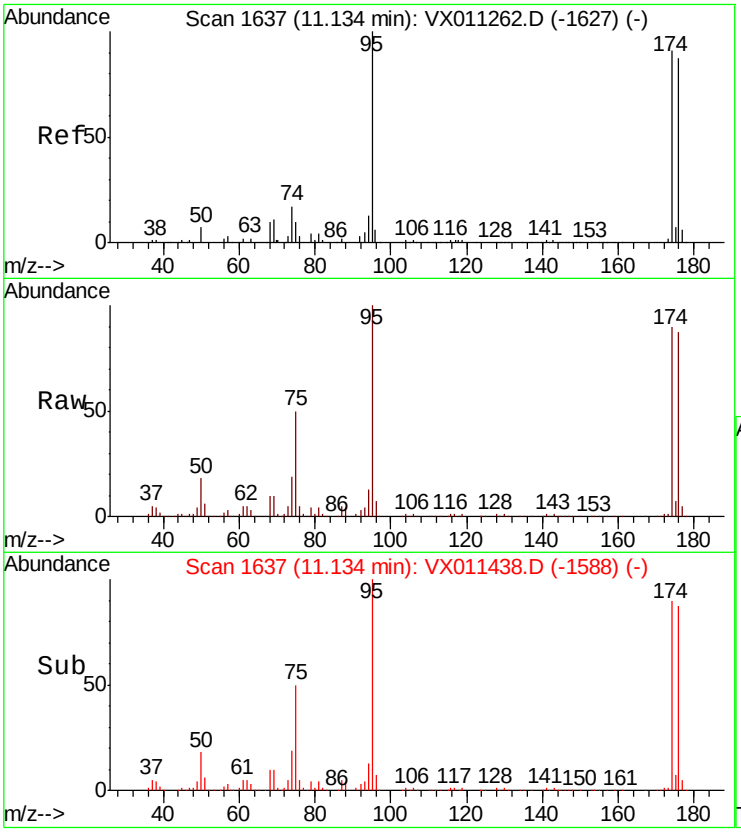


#59
2-Hexanone
Concen: 30.178 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 63607

Ion	Ratio	Lower	Upper
43	100		
58	20.2	28.2	84.6#



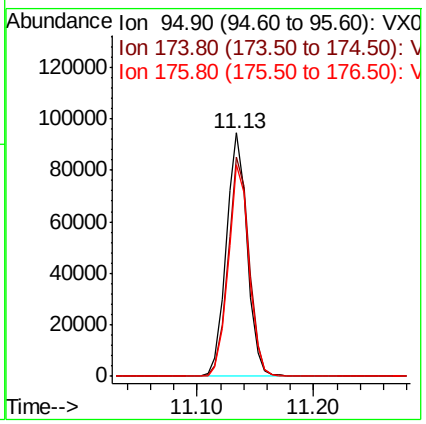


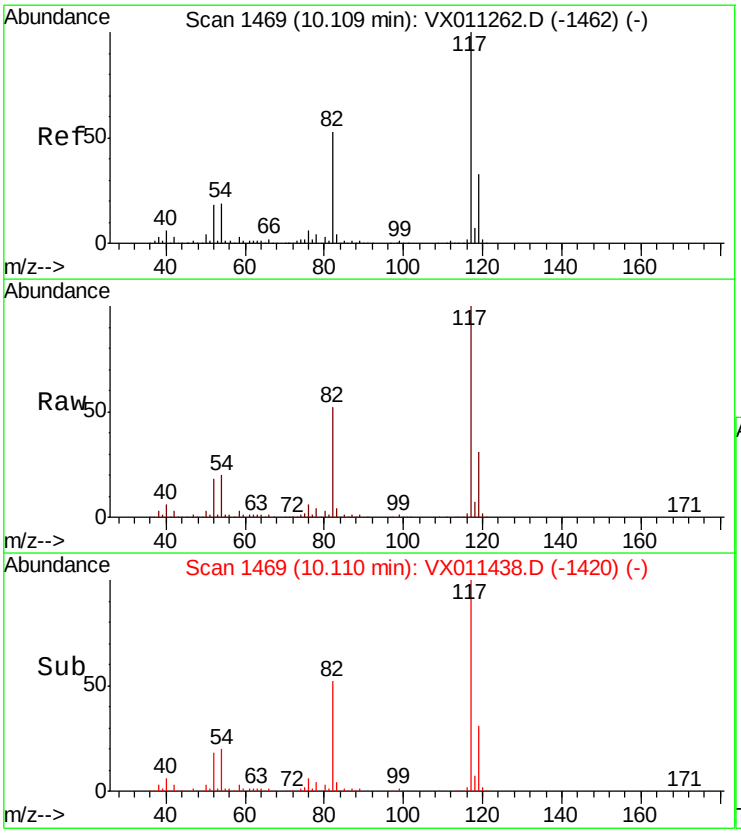
#62
4-Bromofluorobenzene
Concen: 44.225 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 95 Resp: 117184

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	191.2
176	86.9	0.0	184.8

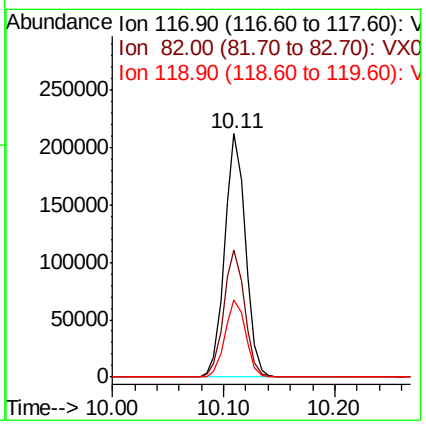


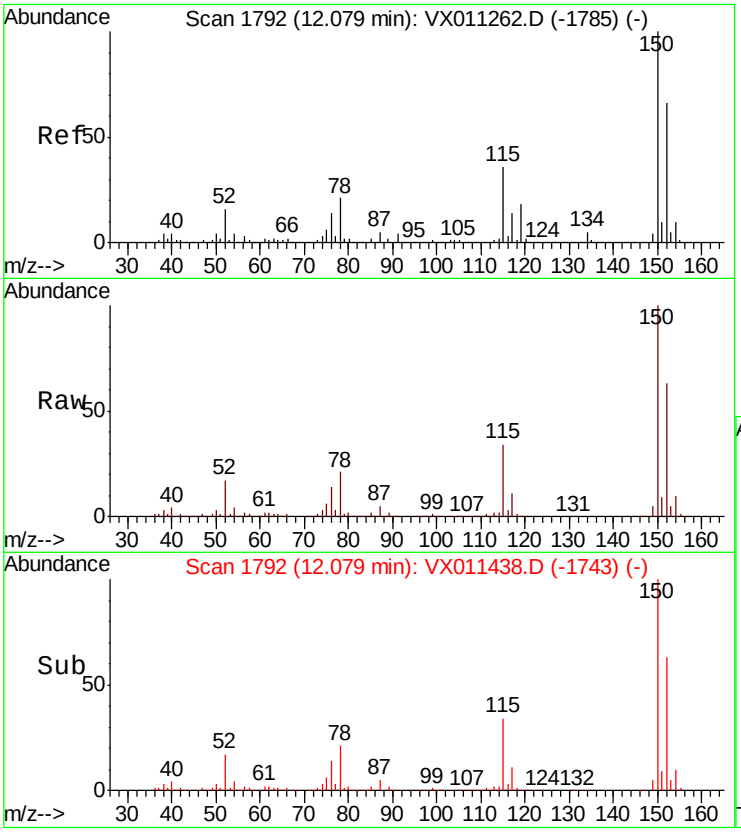


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion:117 Resp: 274430

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.2
119	31.5	26.6	39.8



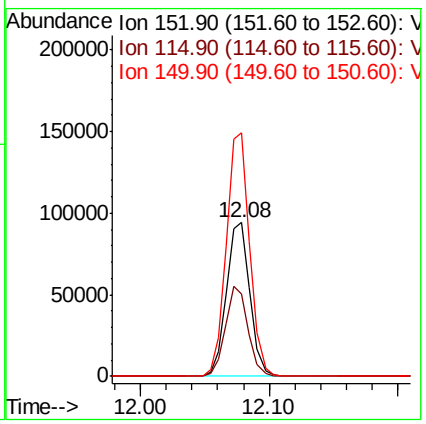


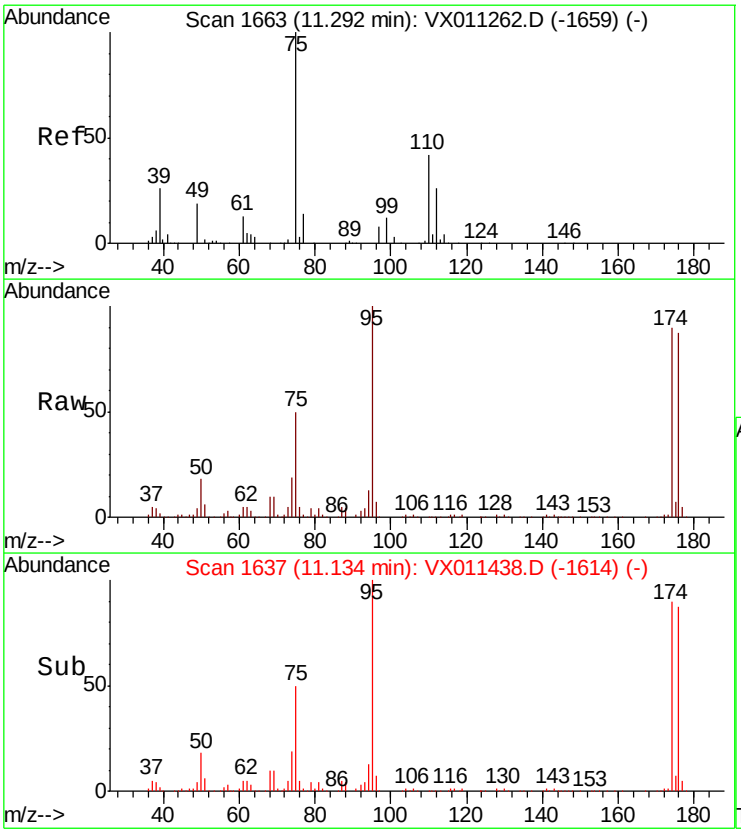
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument : MSVOA_X
ClientSampleId : 2S-I1-(1)

Tgt Ion:152 Resp: 120175

Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.0	119.9
150	157.9	0.0	350.4

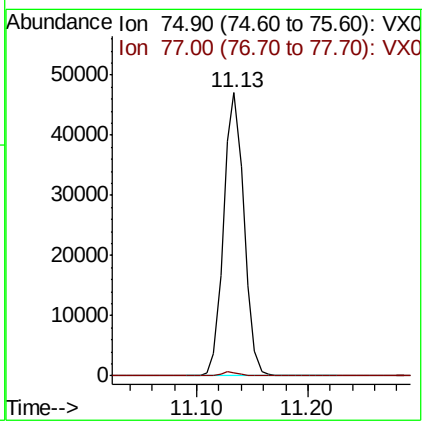


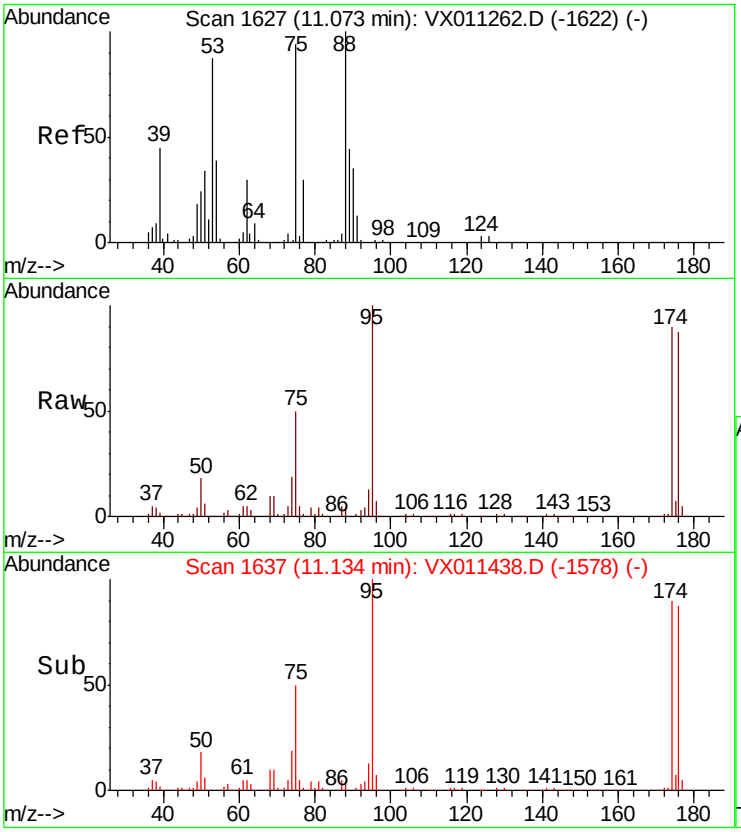


#76
1,2,3-Trichloropropane
Concen: 27.287 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 75 Resp: 59718

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.793 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
2S-I1-(1)

Tgt Ion: 75 Resp: 59718

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	37.9	56.9#