Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011437.D
Acq On : 11 Aug 2019 17:25
Operator : JC/SP
Sample : K4228-36
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 2S-I4-(0)

Quant Time: Aug 12 07:50:30 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	5.65	168	202136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108331	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.44%			
35) Dibromofluoromethane	5.49	113	91825	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.16%			
50) Toluene-d8	8.71	98	357385	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.06%			
62) 4-Bromofluorobenzene	11.13	95	119377	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.86%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	444	0.323	ug/l	99
6) Chloroethane	1.71	64	239	Below Cal		100
8) Diethyl Ether	2.18	74	307	0.251	ug/l	85
11) Tert butyl alcohol	3.01	59	4071	10.051	ug/l #	76
13) Acrolein	2.29	56	23	Below Cal	#	15
16) Acetone	2.43	43	7414	7.652	ug/l	100
18) Methyl Acetate	2.78	43	1417	0.640	ug/l #	88
20) Methylene Chloride	2.85	84	6508	3.067	ug/l	94
25) 2-Butanone	4.68	43	982	0.712	ug/l #	46
31) Cyclohexane	5.65	56	3806	1.452	ug/l #	3
36) 1,1-Dichloropropene	5.65	75	14149	5.367	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19455	7.335	ug/l #	15
43) Isopropyl Acetate	6.45	43	8305	1.964	ug/l	98
48) Methyl methacrylate	7.67	41	3889	1.955	ug/l #	11
49) 1,4-Dioxane	7.71	88	23	0.399	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	40978	15.019	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	42	2.852	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	21036	7.152	ug/l #	66
57) 1,3-Dichloropropane	9.54	76	5282	1.562	ug/l #	45
59) 2-Hexanone	9.54	43	67140	31.770	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	61793	26.997	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	61793	70.089	ug/l #	10

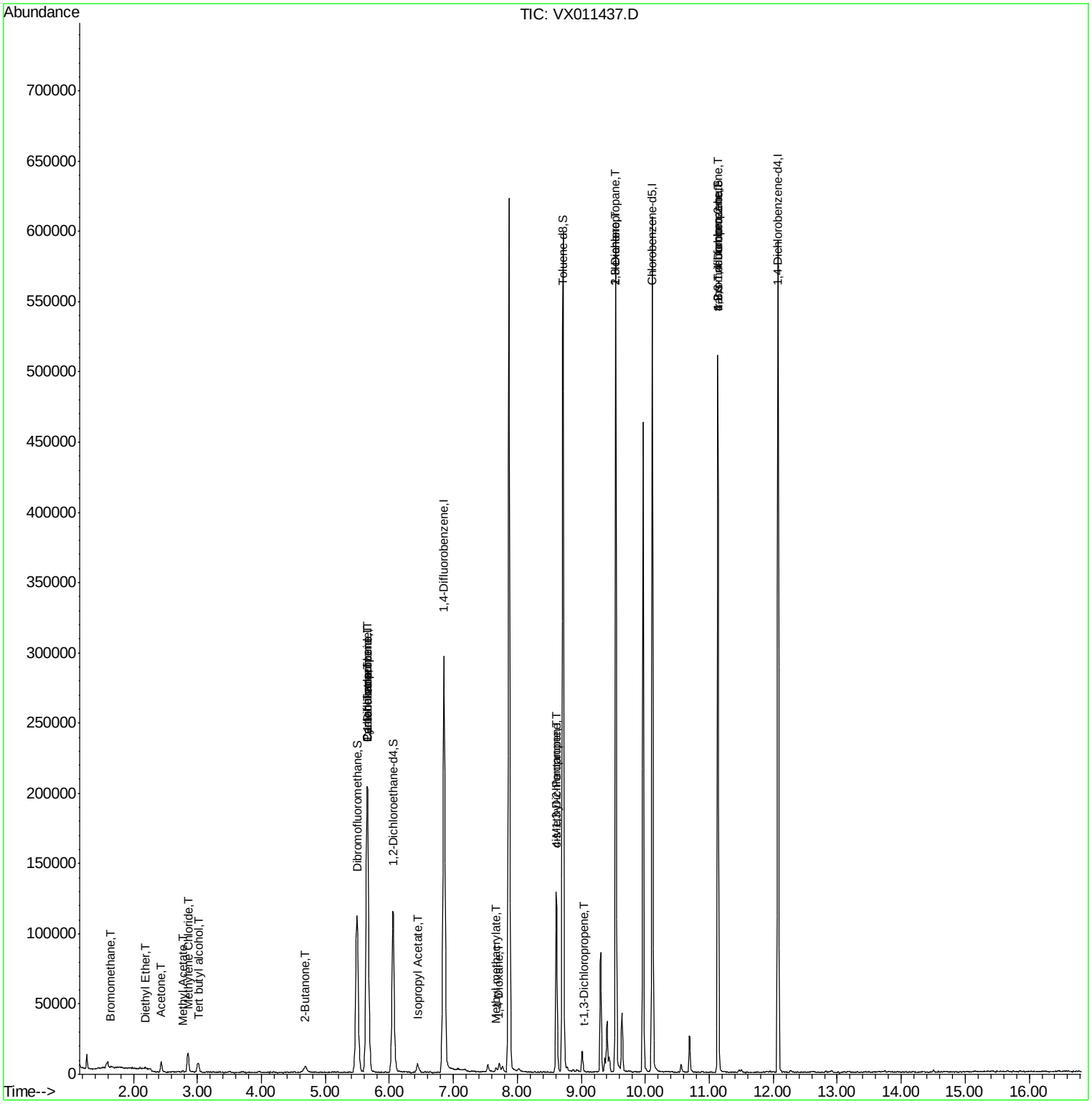
(#) = qualifier out of range (m) = manual integration (+) = signals summed

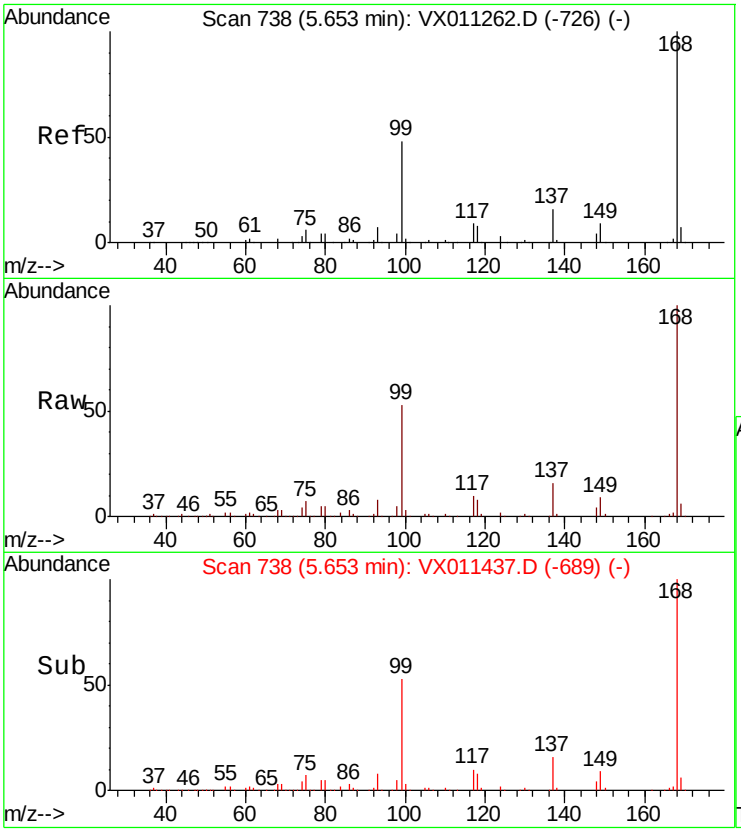
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011437.D
Acq On : 11 Aug 2019 17:25
Operator : JC/SP
Sample : K4228-36
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Quant Time: Aug 12 07:50:30 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



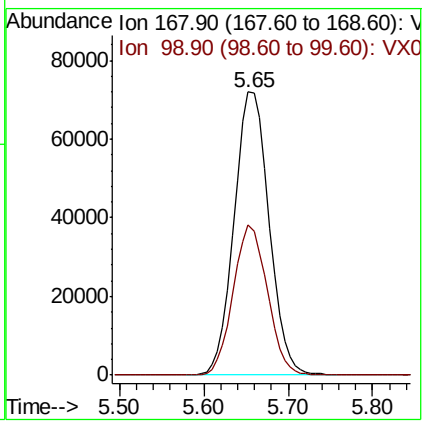


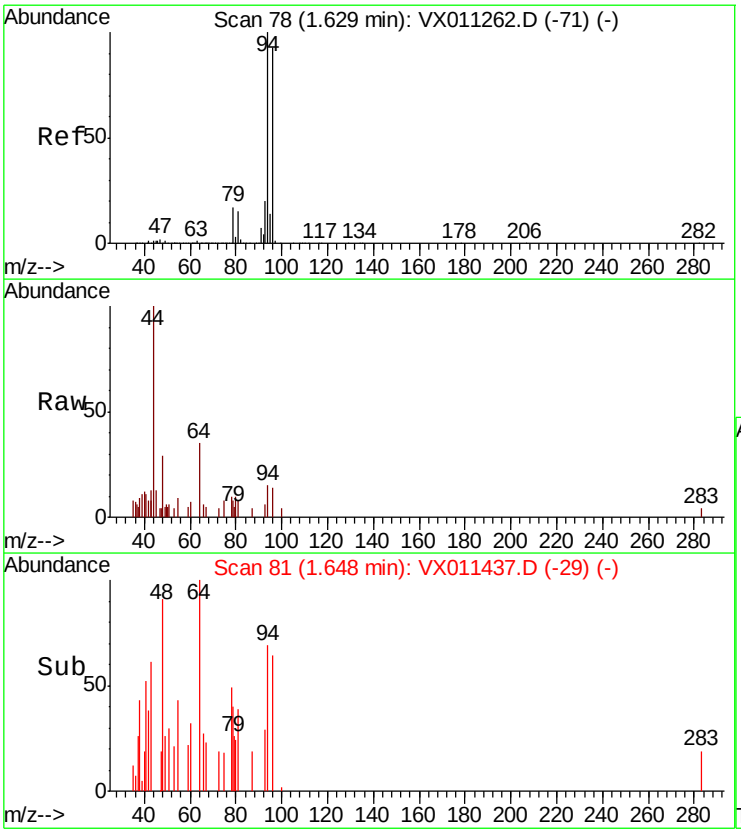
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument : MSVOA_X
ClientSampleId : 2S-I4-(0)

Tgt Ion:168 Resp: 202136

Ion	Ratio	Lower	Upper
168	100		
99	53.0	38.5	57.7

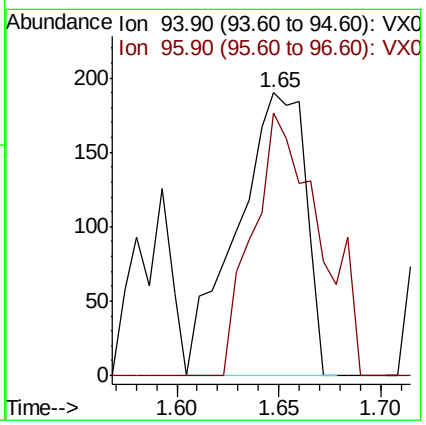


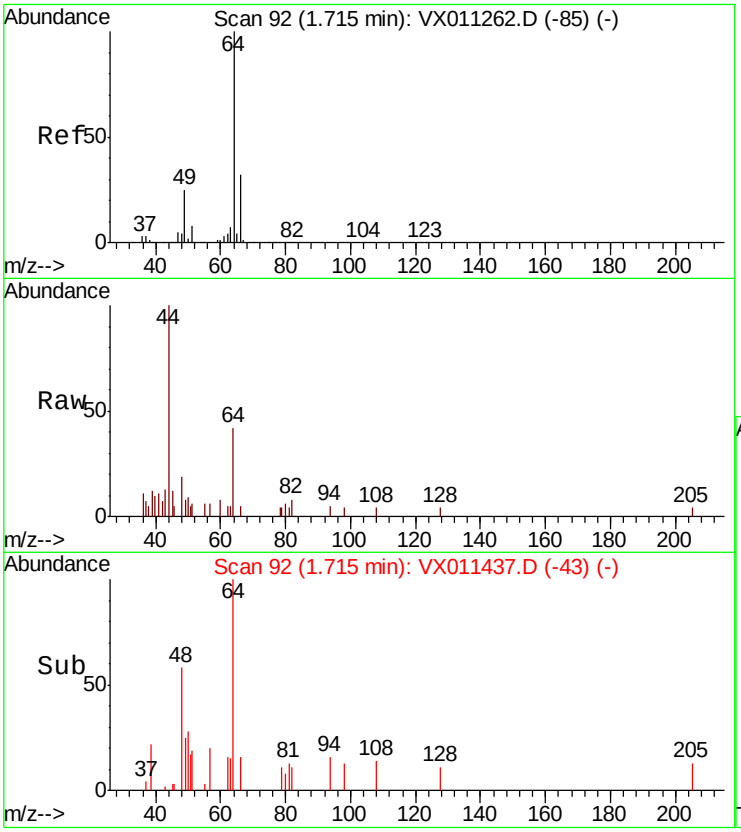


#5
Bromomethane
Concen: 0.323 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.02 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 94 Resp: 444

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.6	112.0



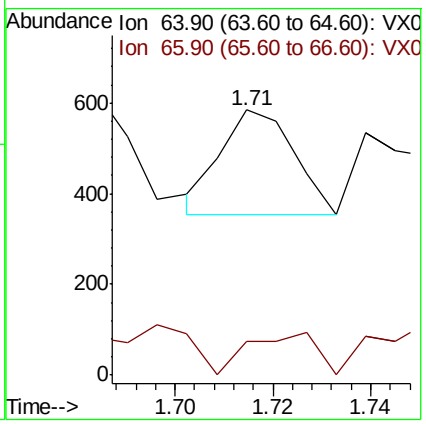


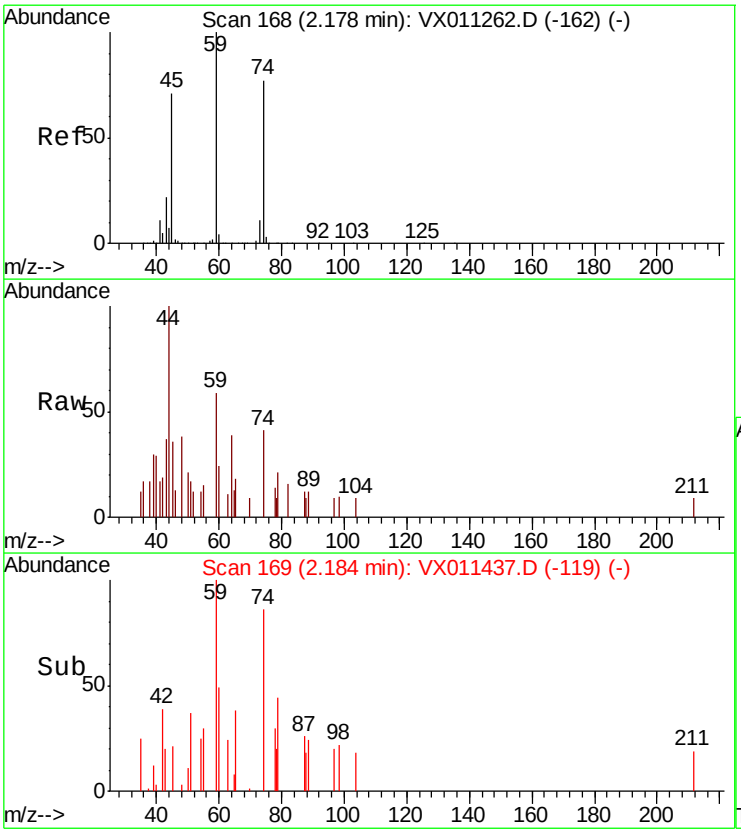
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 64 Resp: 239

Ion	Ratio	Lower	Upper
64	100		
66	31.6	25.1	37.7

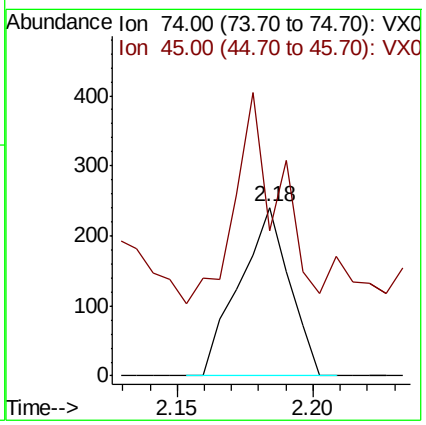


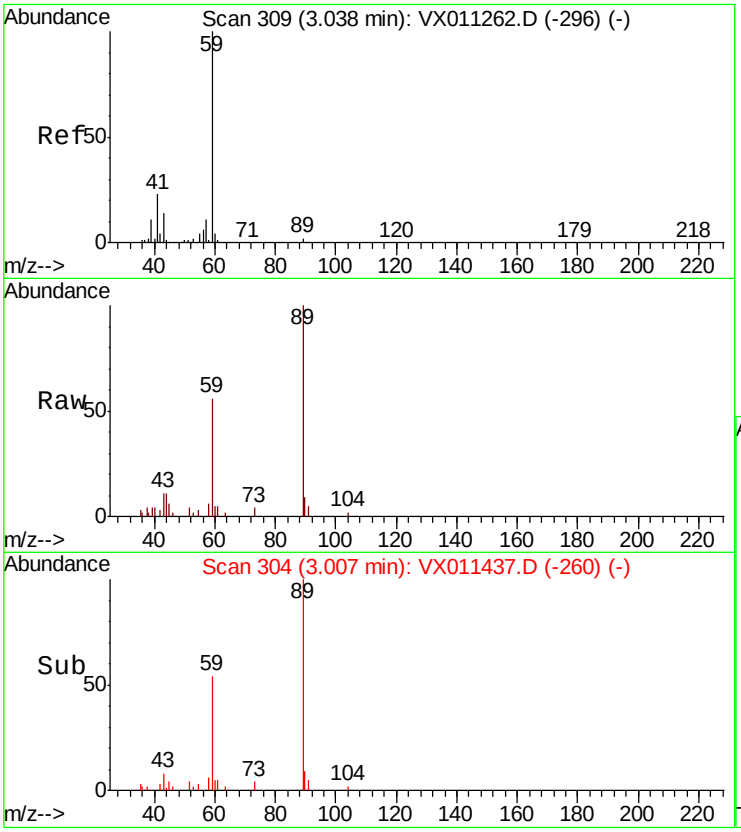


#8
Diethyl Ether
Concen: 0.251 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 74 Resp: 307

Ion	Ratio	Lower	Upper
74	100		
45	106.8	46.1	138.3



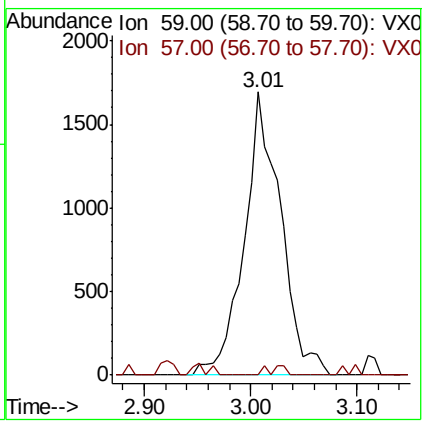


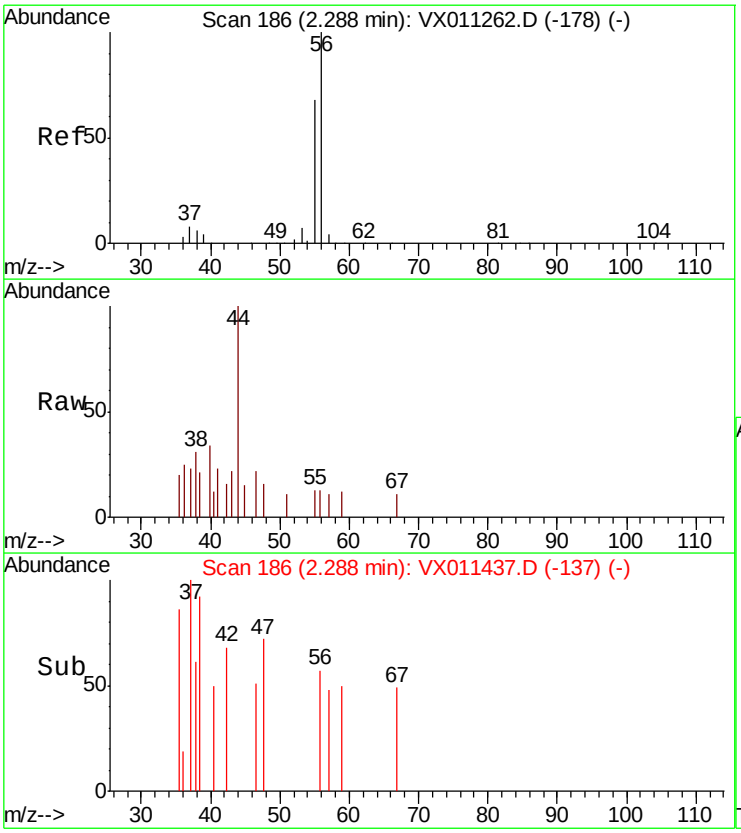
#11
Tert butyl alcohol
Concen: 10.051 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 59 Resp: 4071

Ion	Ratio	Lower	Upper
59	100		
57	1.5	8.3	12.5#

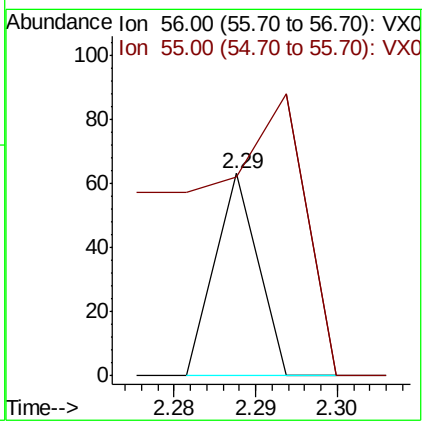


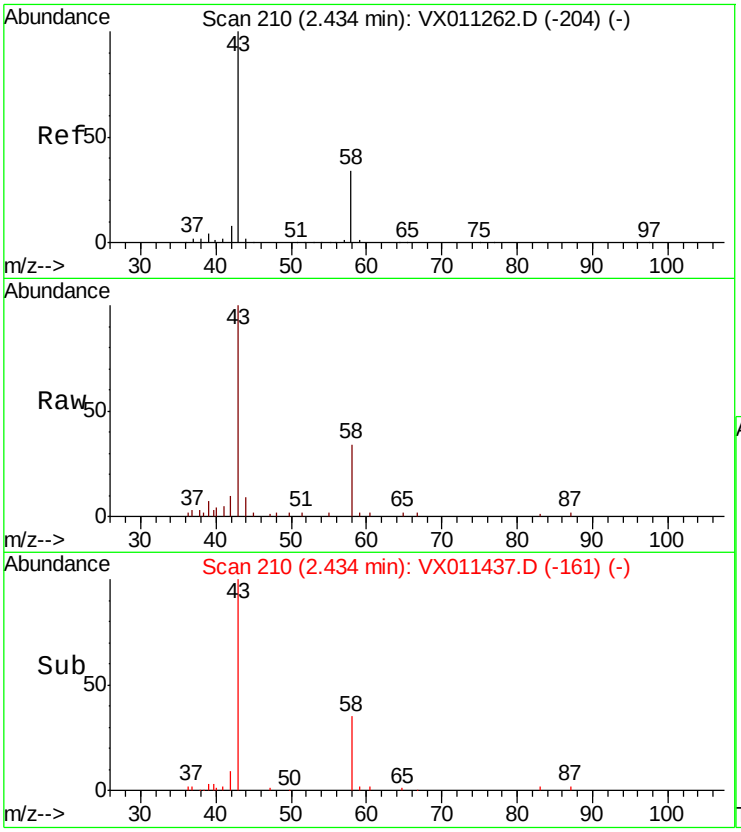


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 56 Resp: 23

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#



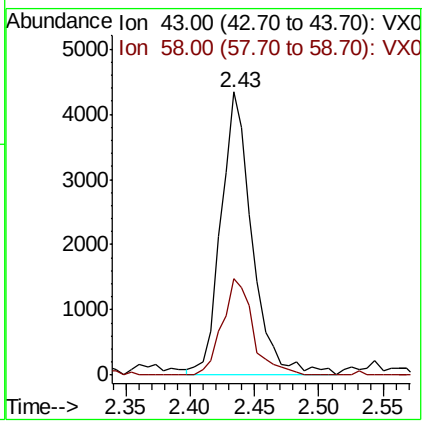


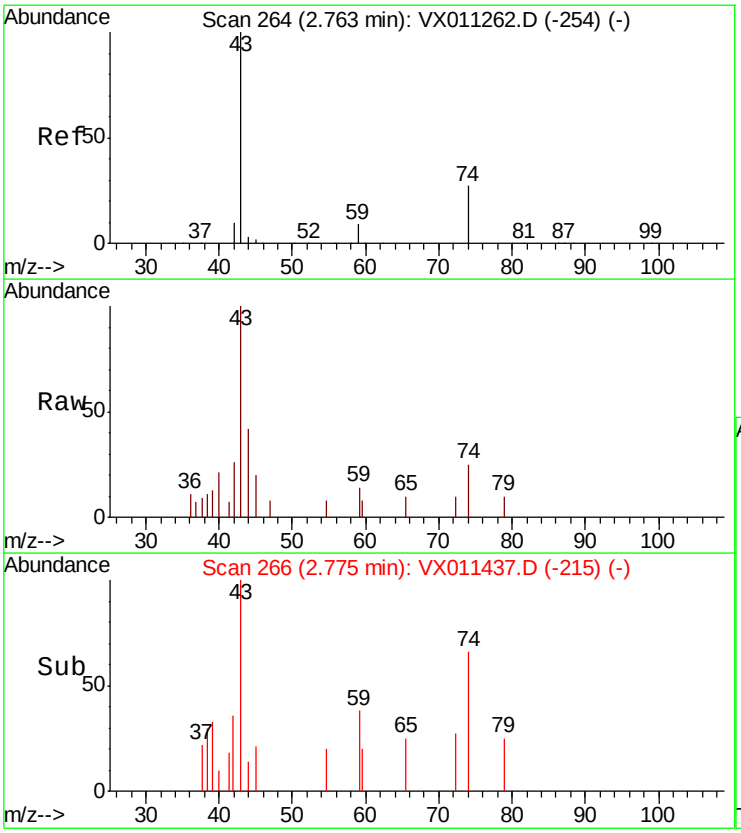
#16
Acetone
Concen: 7.652 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 43 Resp: 7414

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.4	41.0

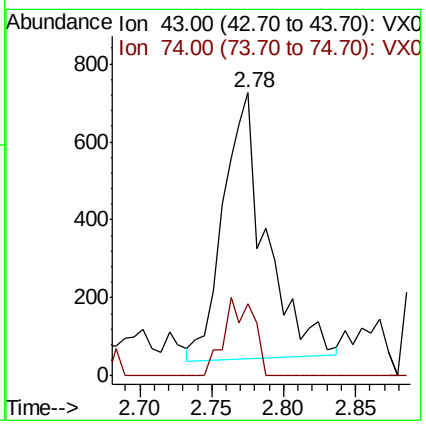


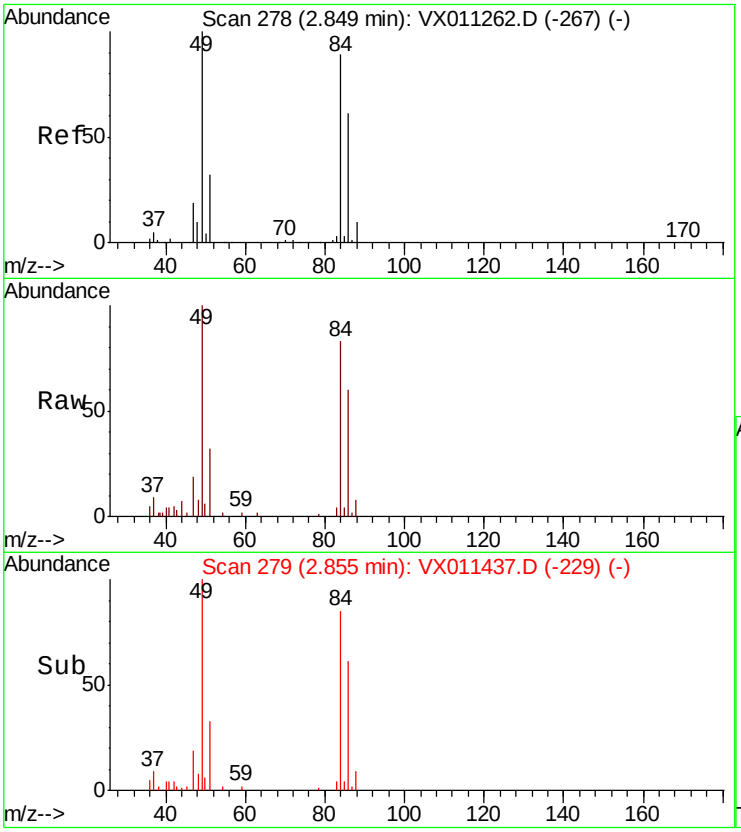


#18
Methyl Acetate
Concen: 0.640 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 43 Resp: 1417

Ion	Ratio	Lower	Upper
43	100		
74	20.4	21.0	31.6#



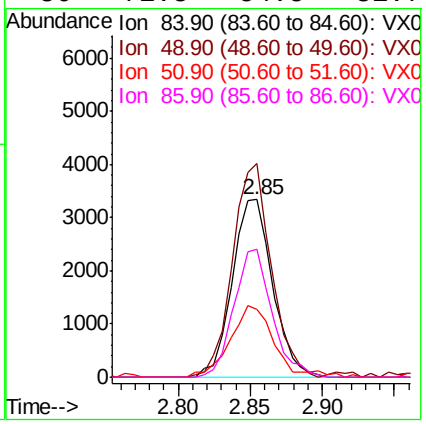


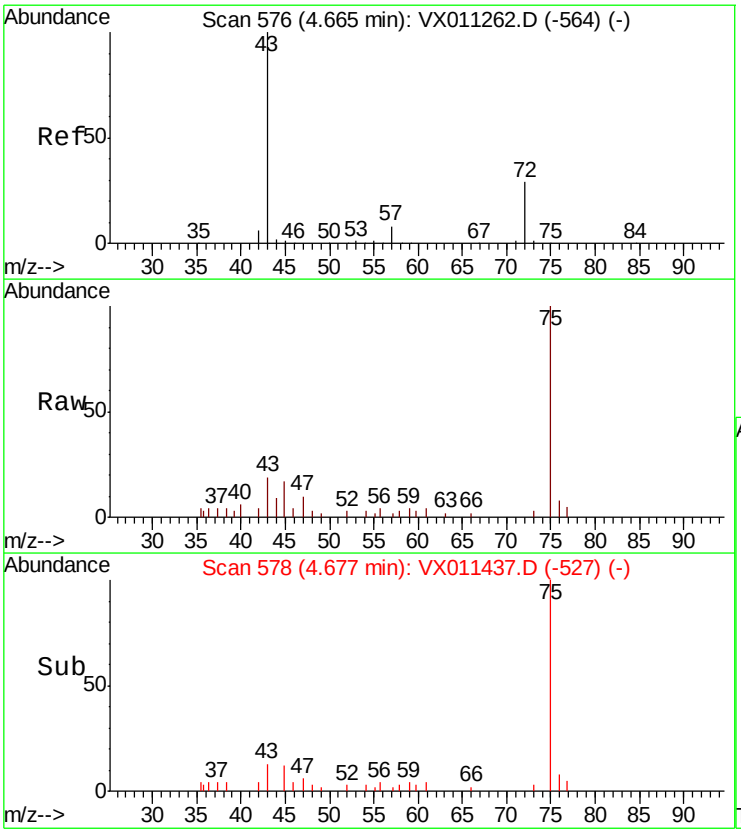
#20
Methylene Chloride
Concen: 3.067 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 84 Resp: 6508

Ion	Ratio	Lower	Upper
84	100		
49	120.1	89.3	133.9
51	38.5	28.3	42.5
86	71.8	54.5	81.7

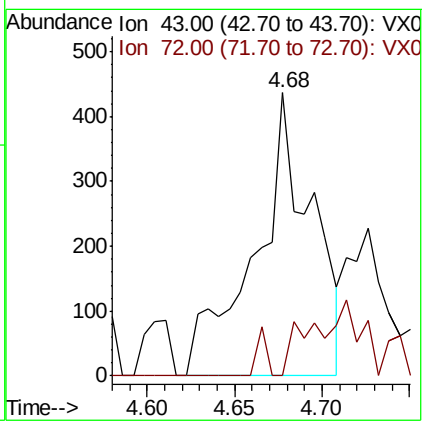


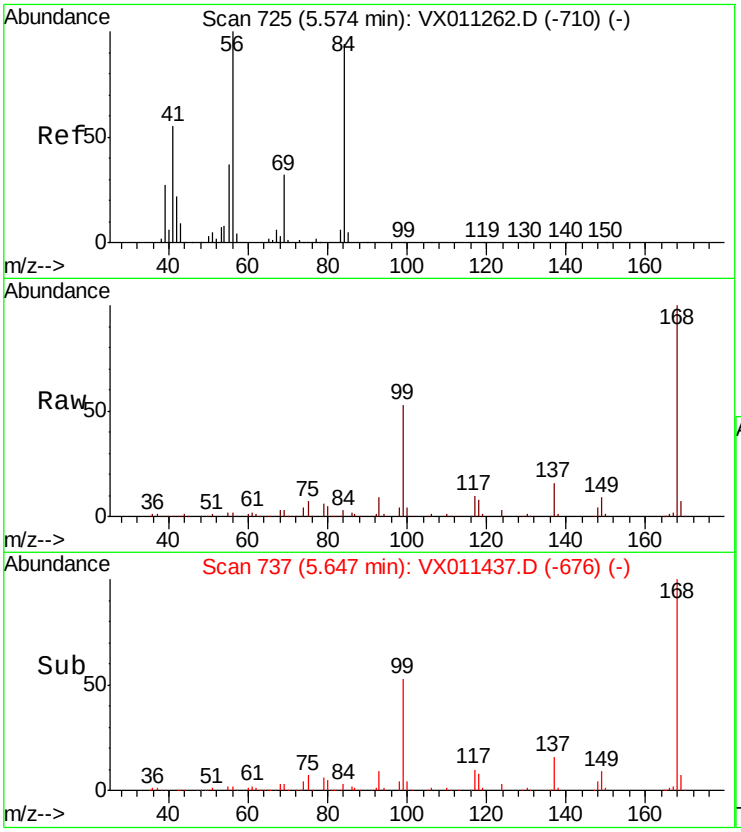


#25
2-Butanone
Concen: 0.712 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 43 Resp: 982

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#



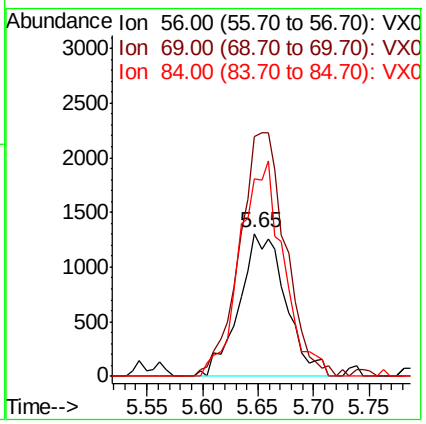


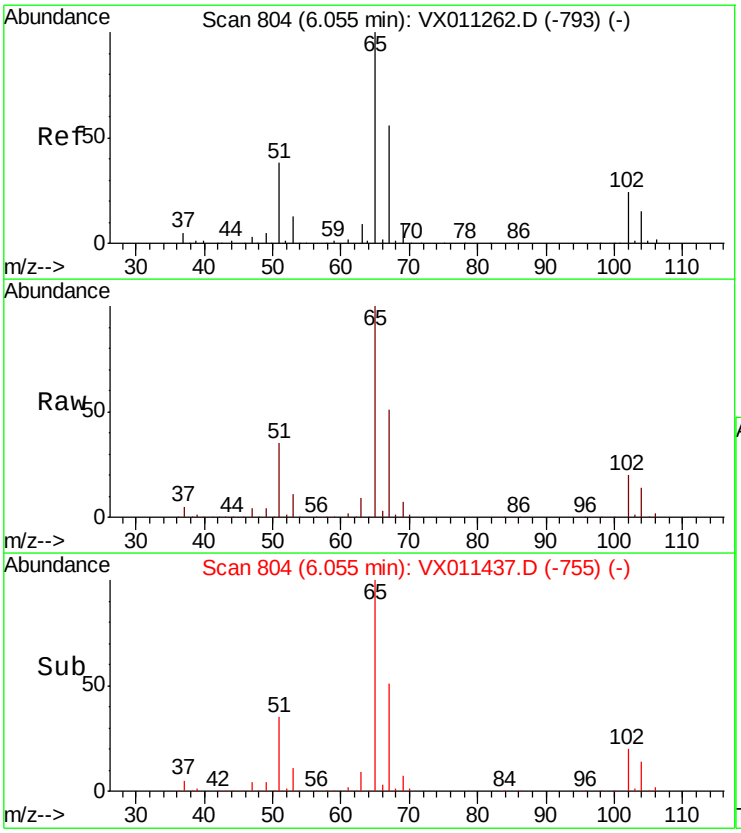
#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 56 Resp: 3806

Ion	Ratio	Lower	Upper
56	100		
69	167.7	25.5	38.3#
84	138.3	75.0	112.4#

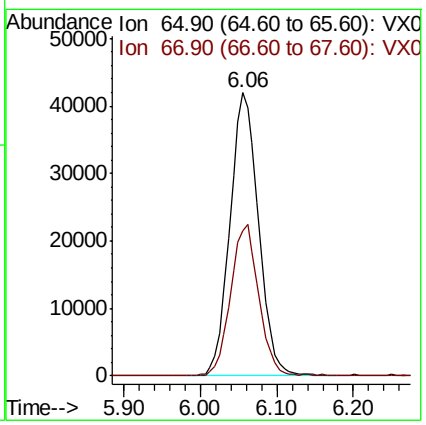


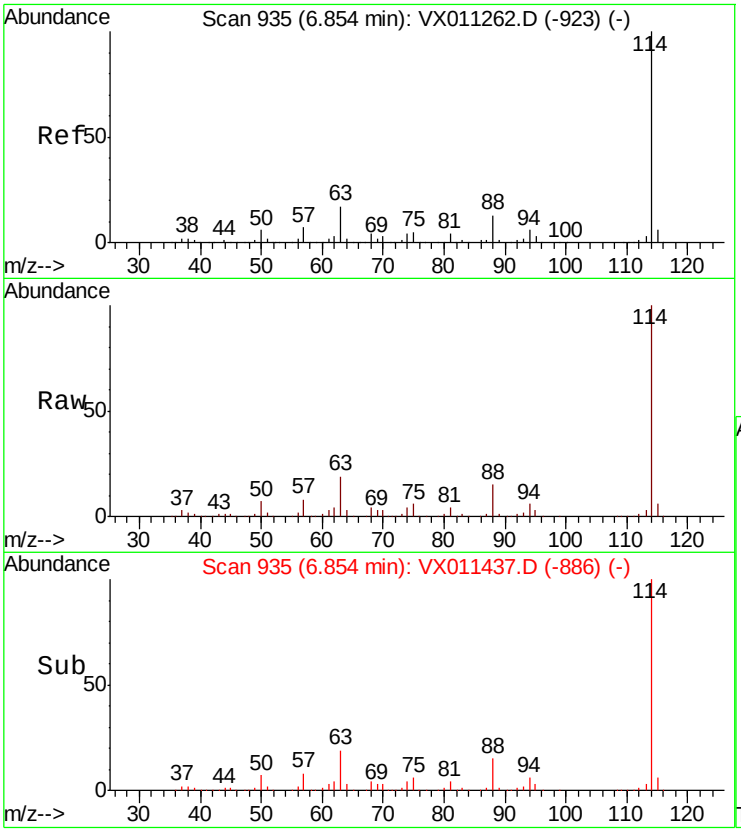


#33
1,2-Dichloroethane-d4
Concen: 53.218 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 65 Resp: 108331

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	110.6



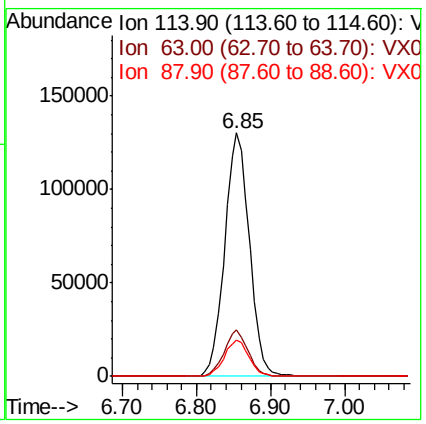


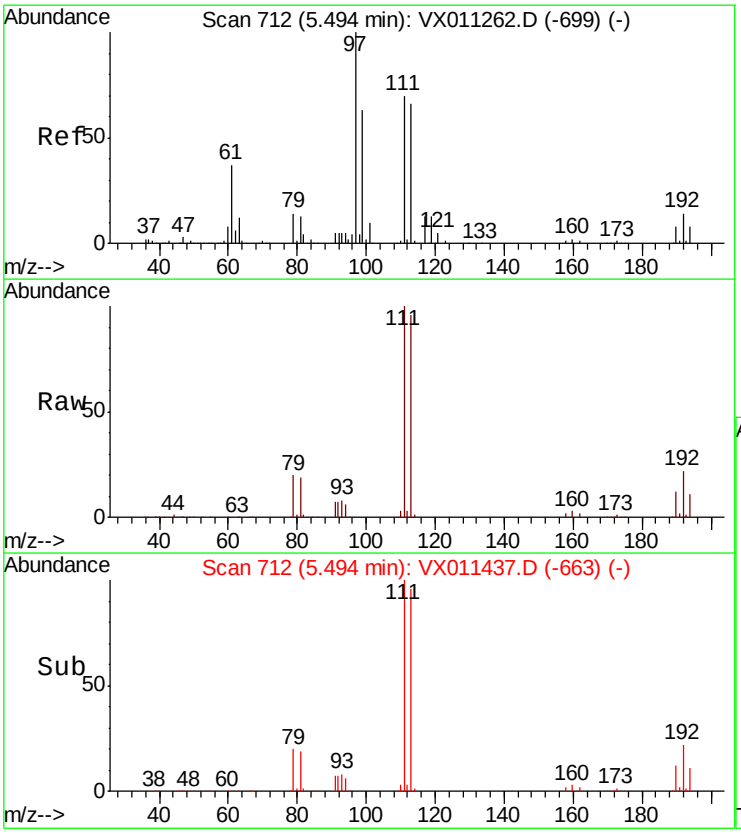
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion:114 Resp: 301941

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.0
88	14.8	0.0	26.4

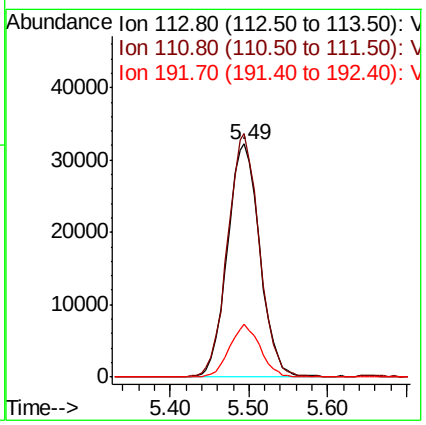


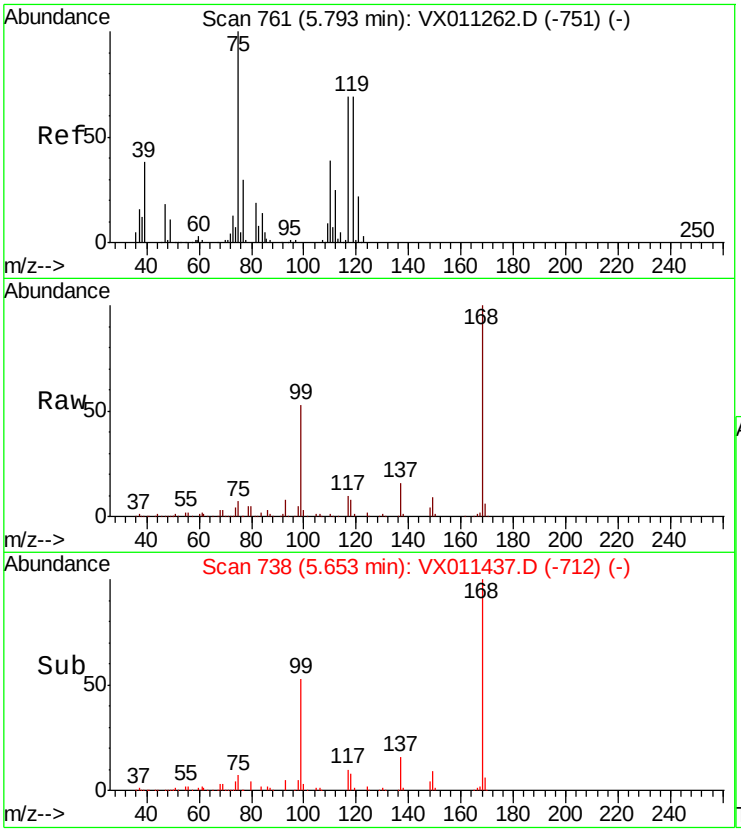


#35
Dibromofluoromethane
Concen: 46.581 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion:113 Resp: 91825

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	21.6	17.8	26.8



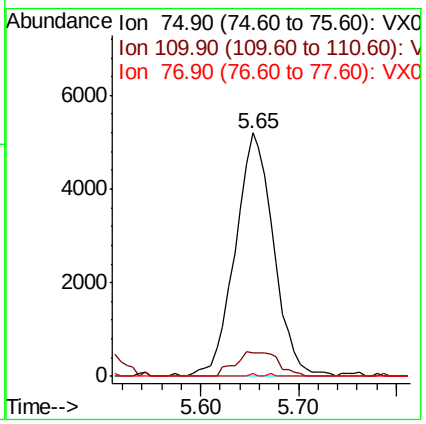


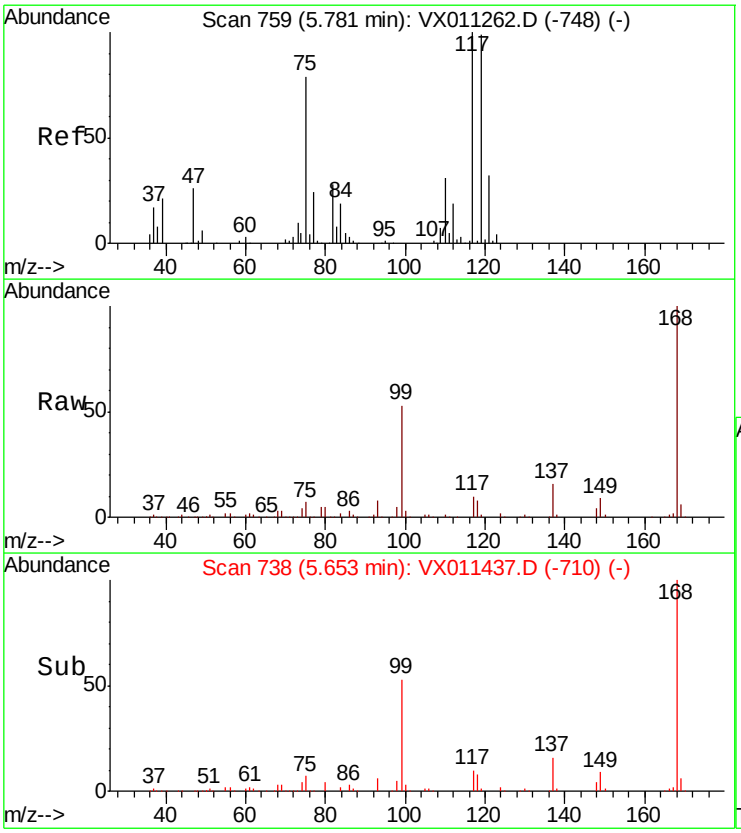
#36
1,1-Dichloropropene
Concen: 5.367 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 75 Resp: 14149

Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.0	59.9#
77	0.1	24.8	37.2#

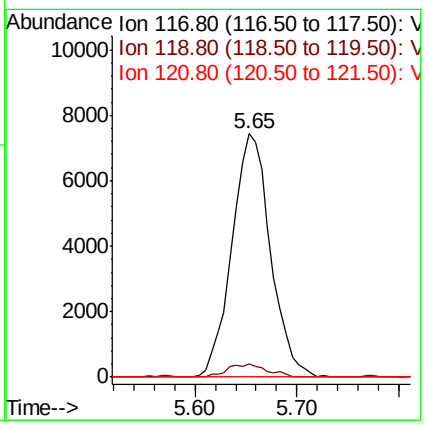


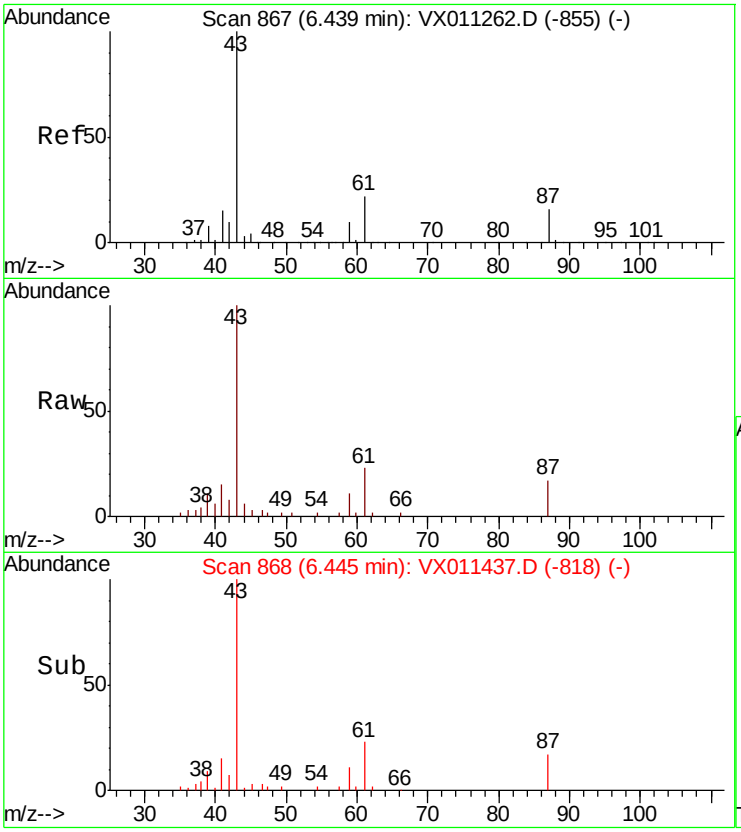


#38
Carbon Tetrachloride
Concen: 7.335 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion:117 Resp: 19455

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.0	118.4#
121	0.0	25.9	38.9#



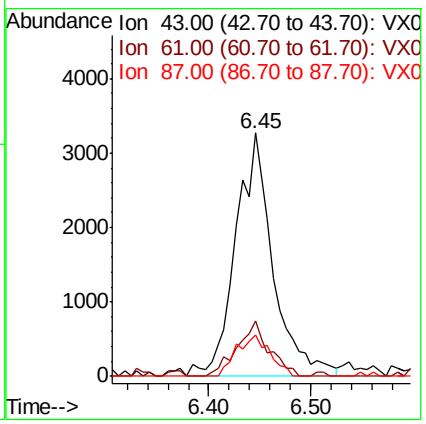


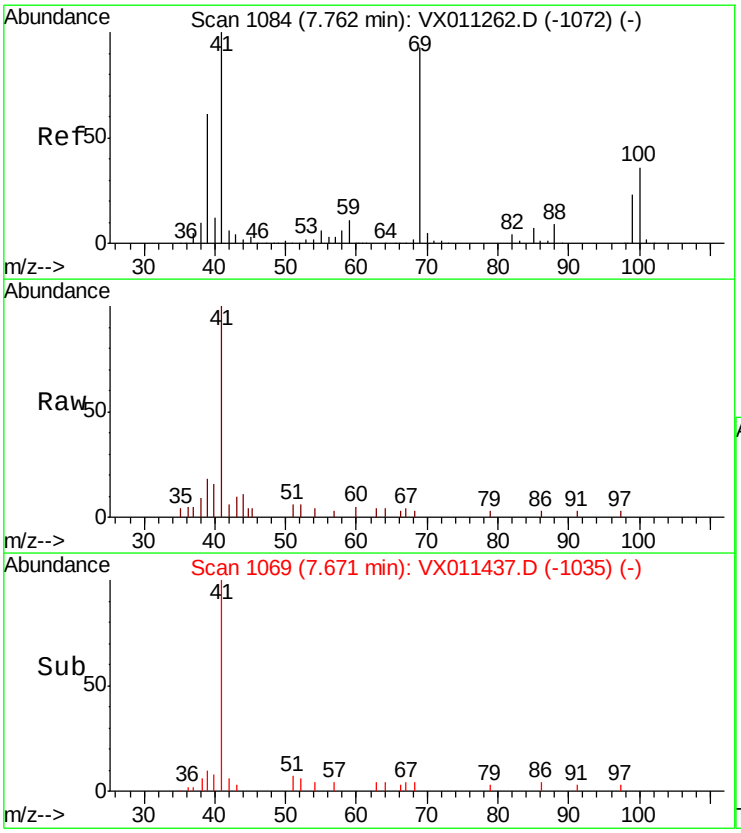
#43
Isopropyl Acetate
Concen: 1.964 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument : MSVOA_X
ClientSampleId : 2S-I4-(0)

Tgt Ion: 43 Resp: 8305

Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.5	24.7
87	15.2	12.1	18.1

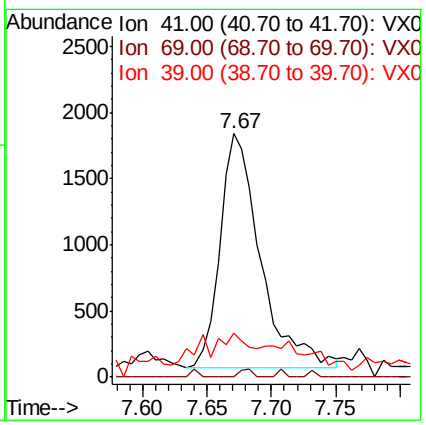


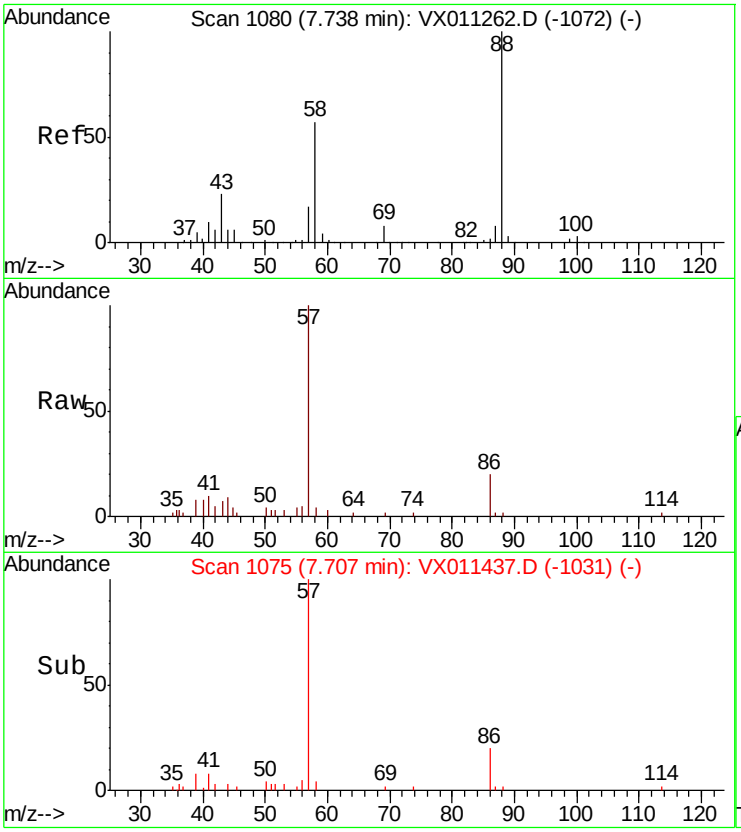


#48
Methyl methacrylate
Concen: 1.955 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 41 Resp: 3889

Ion	Ratio	Lower	Upper
41	100		
69	1.1	74.5	111.7#
39	0.0	48.6	72.8#



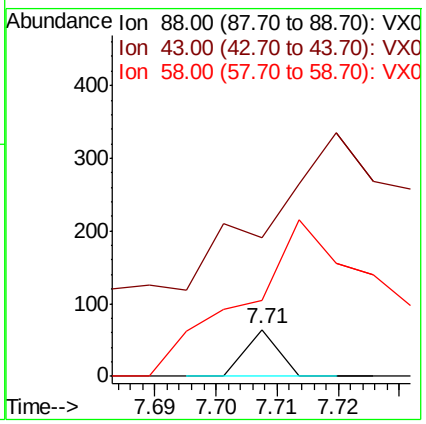


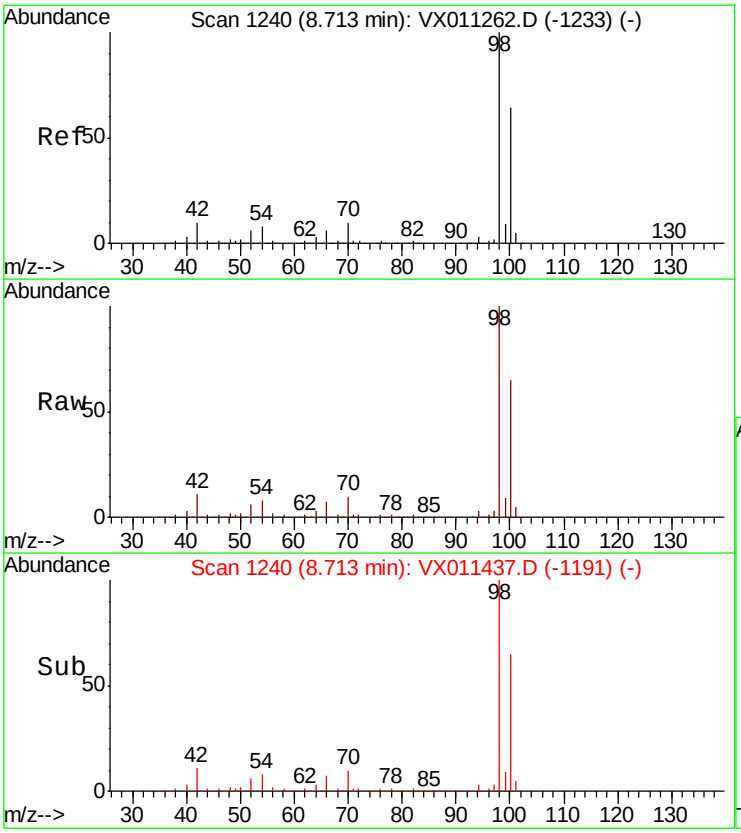
#49
1,4-Dioxane
Concen: 0.399 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.03 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	1808.7	47.8	71.8#

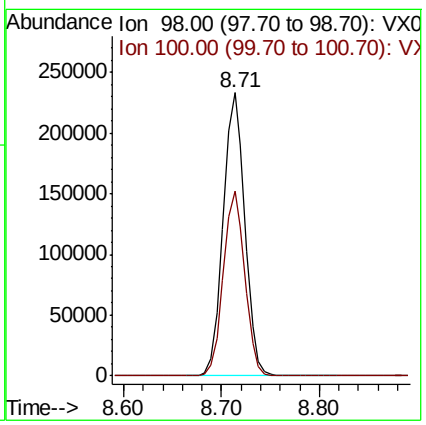


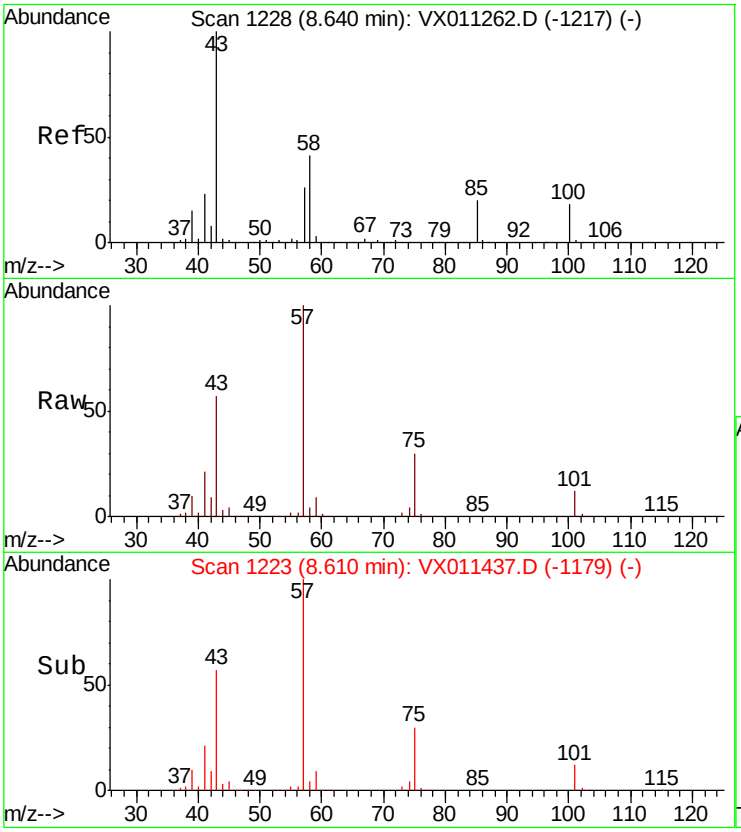


#50
Toluene-d8
Concen: 48.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 98 Resp: 357385

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



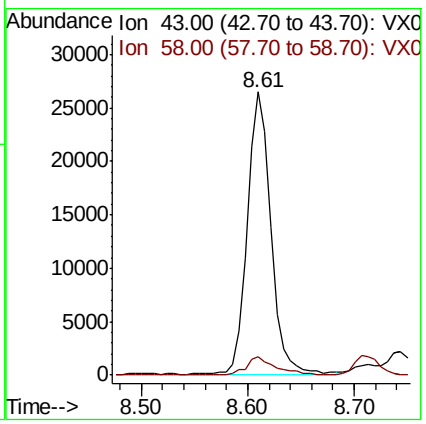


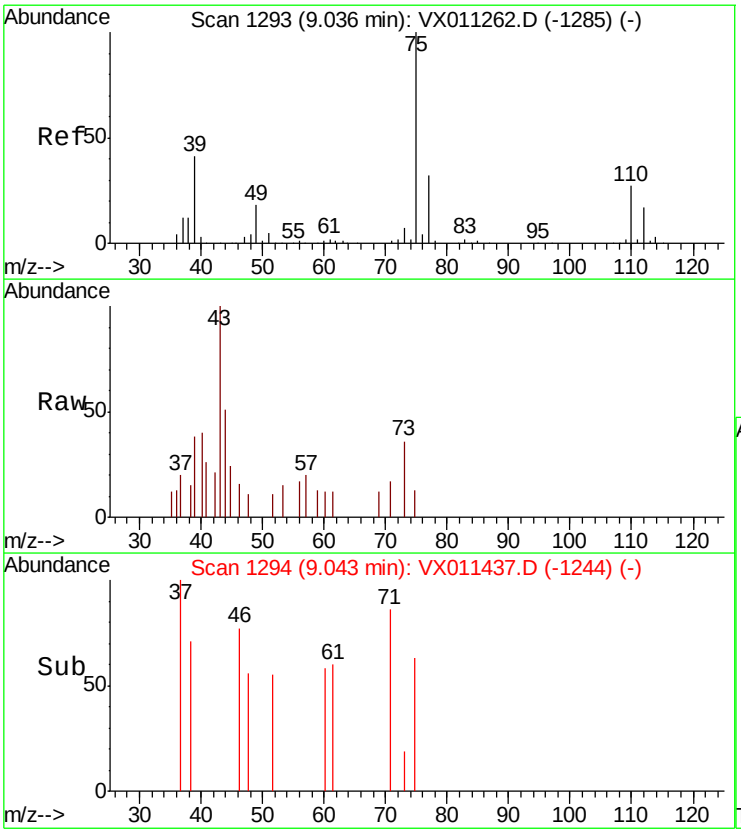
#51
4-Methyl-2-Pentanone
Concen: 15.019 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 43 Resp: 40978

Ion	Ratio	Lower	Upper
43	100		
58	7.9	32.3	48.5#

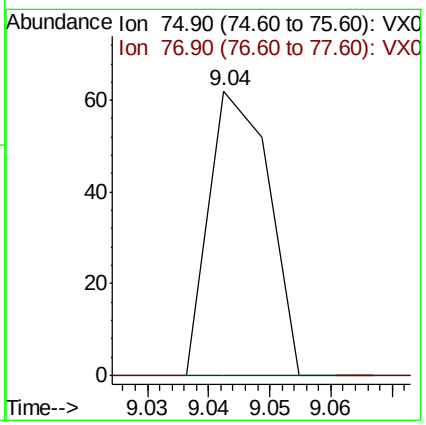


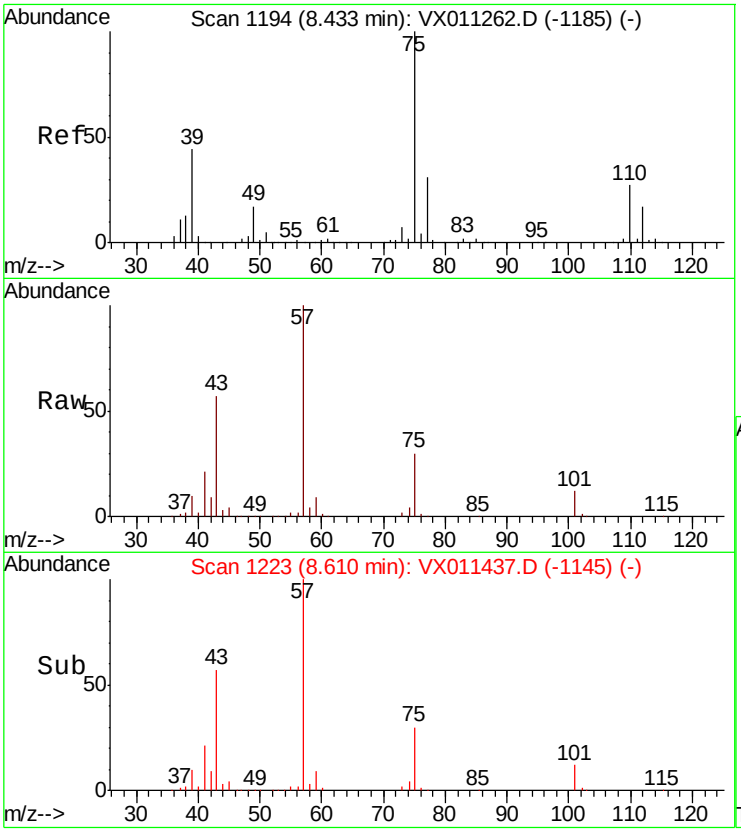


#53
t-1,3-Dichloropropene
Concen: 2.852 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 75 Resp: 42

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



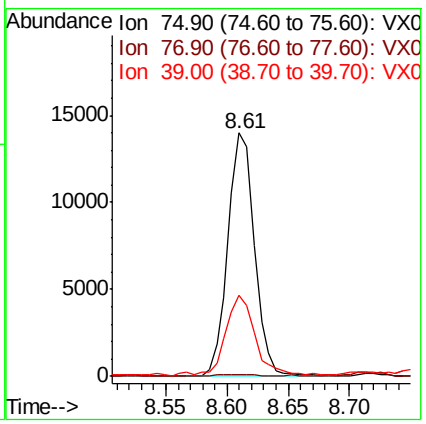


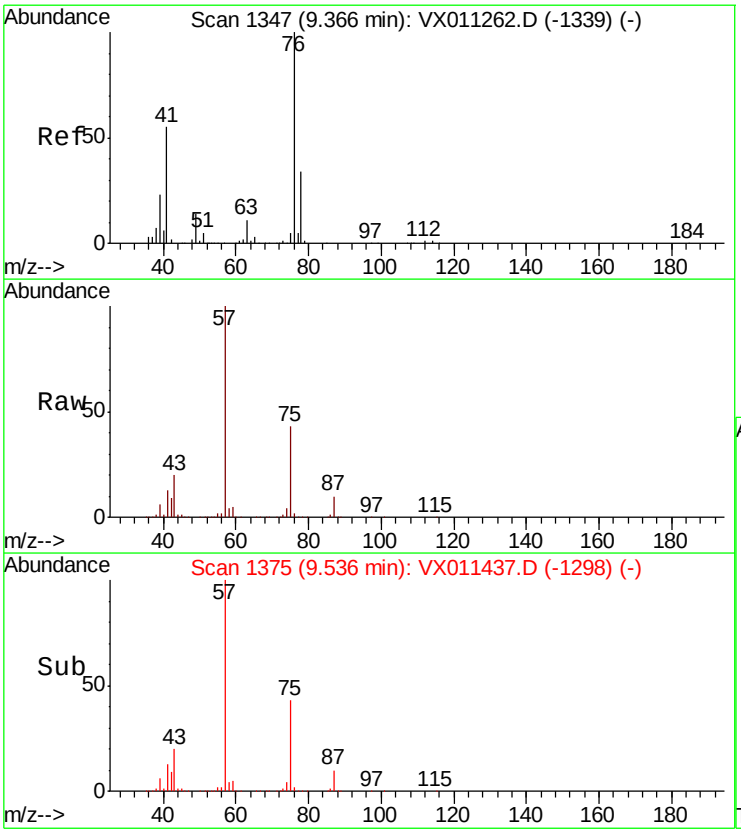
#54
cis-1,3-Dichloropropene
Concen: 7.152 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 75 Resp: 21036

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.0	37.6#
39	32.7	35.3	52.9#

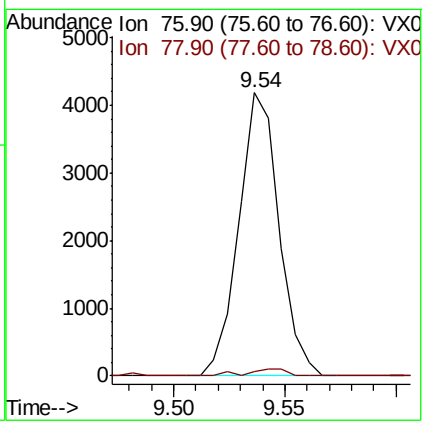


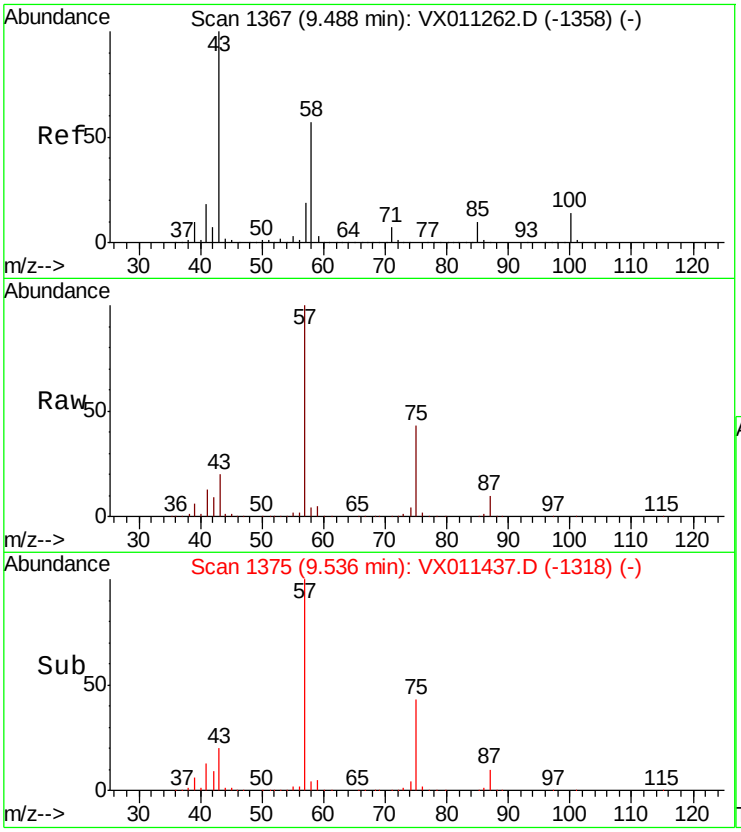


#57
1,3-Dichloropropane
Concen: 1.562 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 76 Resp: 5282

Ion	Ratio	Lower	Upper
76	100		
78	2.3	26.6	40.0#



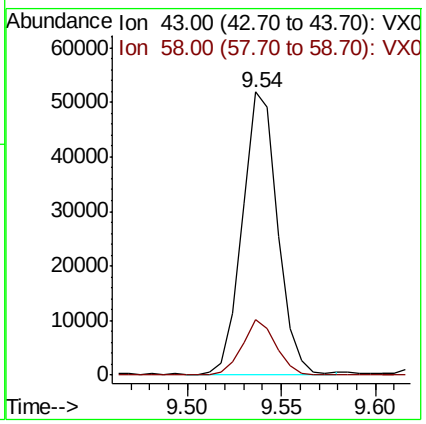


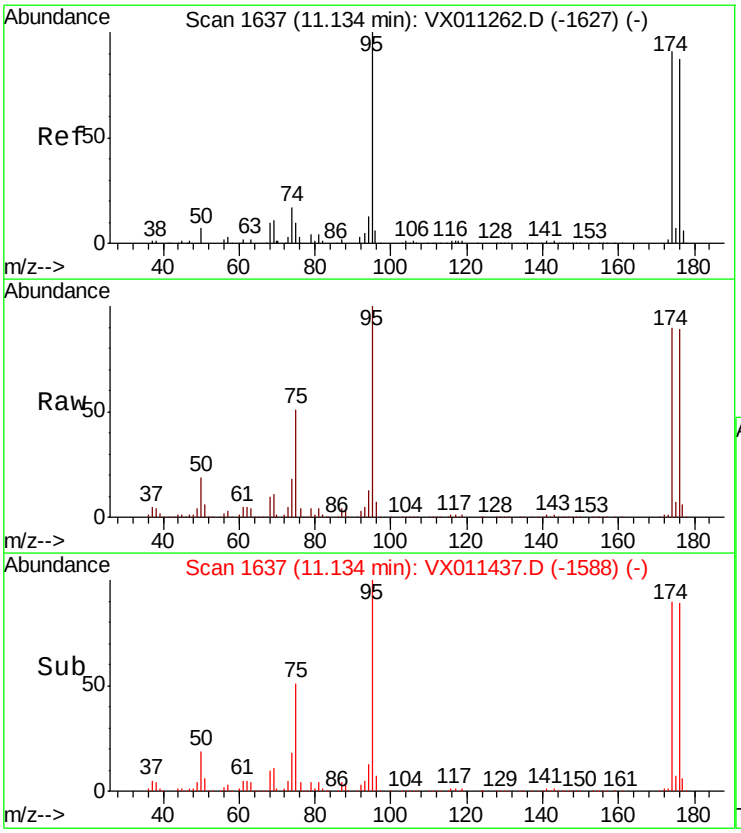
#59
2-Hexanone
Concen: 31.770 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument : MSVOA_X
ClientSampleId : 2S-I4-(0)

Tgt Ion: 43 Resp: 67140

Ion	Ratio	Lower	Upper
43	100		
58	19.4	28.2	84.6#

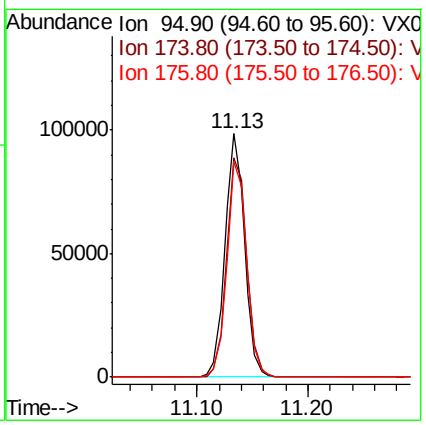


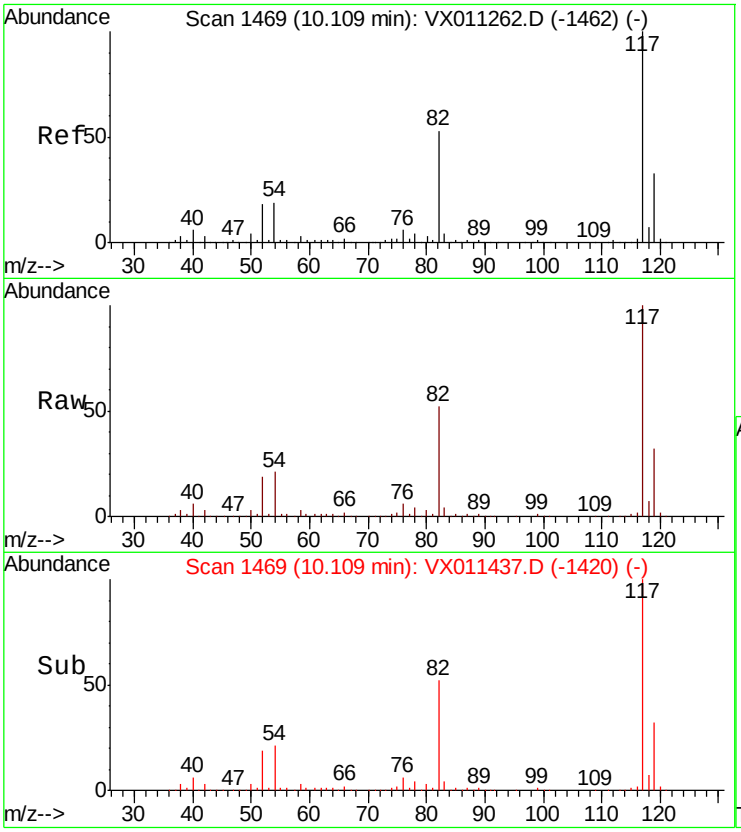


#62
4-Bromofluorobenzene
Concen: 44.935 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 95 Resp: 119377

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	191.2
176	89.5	0.0	184.8



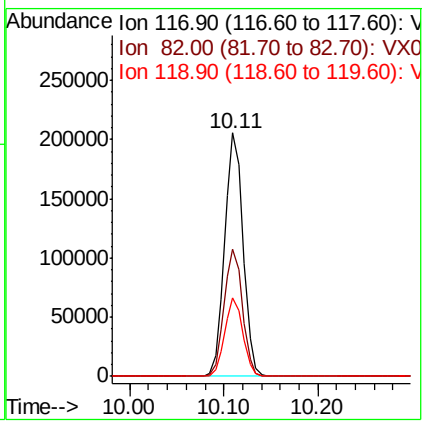


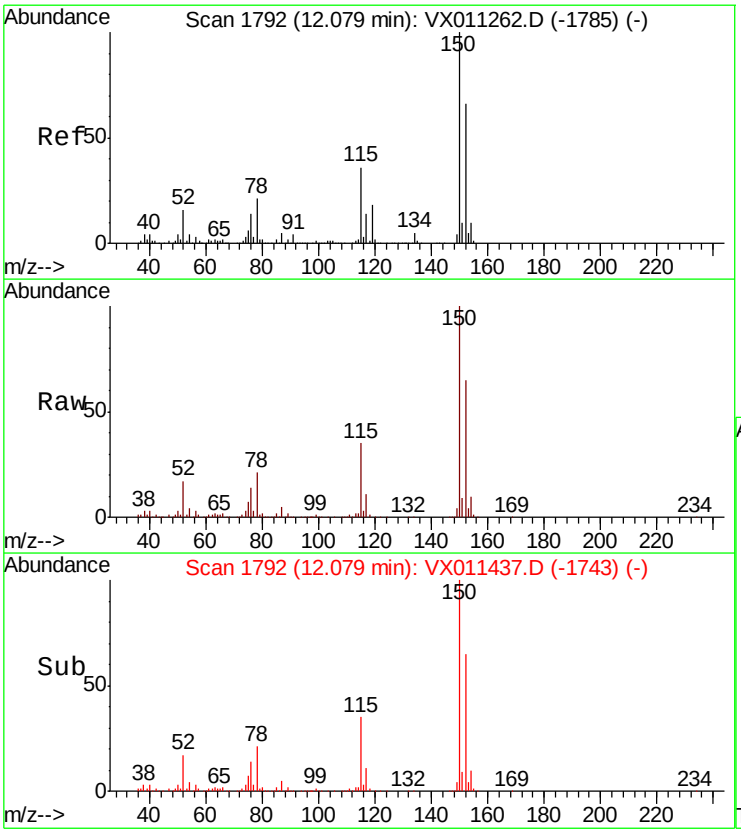
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion:117 Resp: 279097

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.2
119	32.1	26.6	39.8

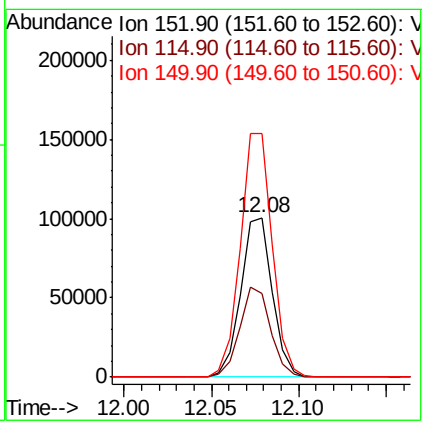


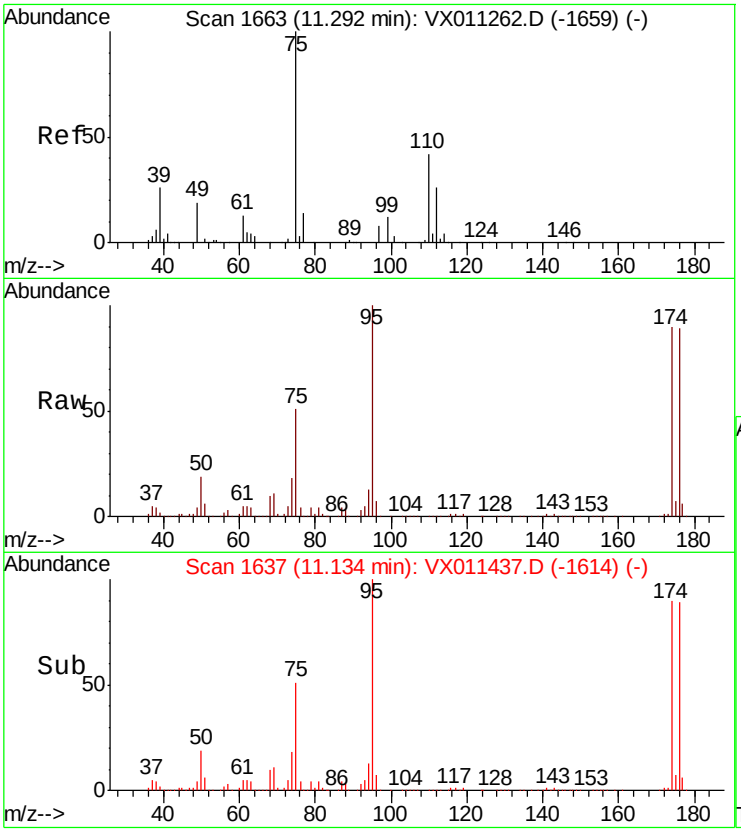


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion:152 Resp: 125685

Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.0	119.9
150	155.6	0.0	350.4



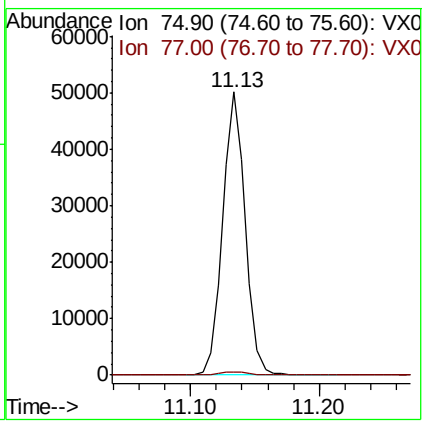


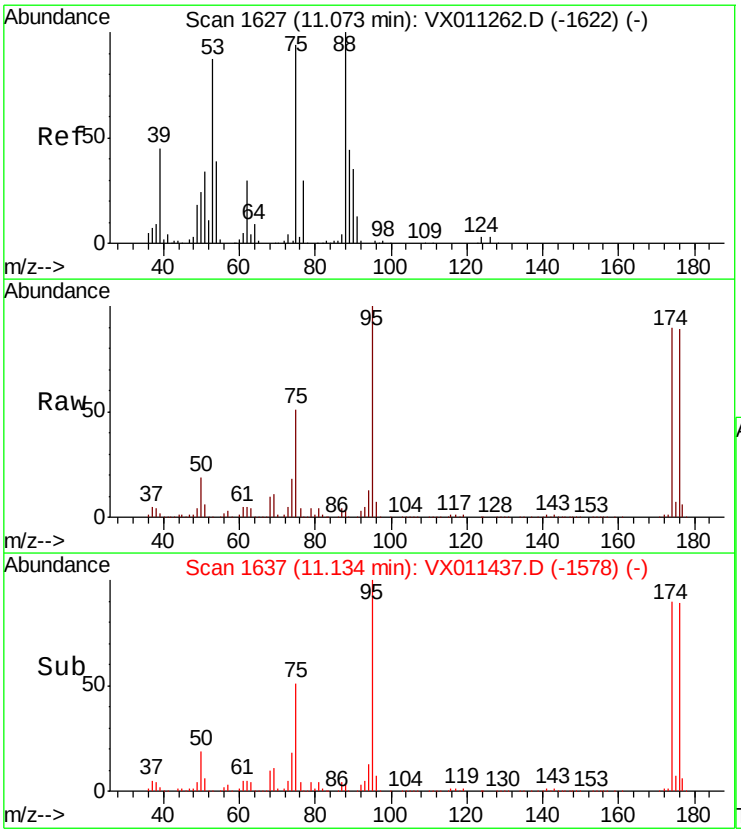
#76
1,2,3-Trichloropropane
Concen: 26.997 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
2S-I4-(0)

Tgt Ion: 75 Resp: 61793

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 75 Resp: 61793

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