Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011602.D
Acq On : 17 Aug 2019 00:37
Operator : JC/SP
Sample : K4272-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 2S-G2-(0)

Quant Time: Aug 19 01:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	628315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	559060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214743	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
35) Dibromofluoromethane	5.49	113	186941	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
50) Toluene-d8	8.71	98	715631	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.78%			
62) 4-Bromofluorobenzene	11.13	95	255435	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	690	0.370	ug/l #	73
6) Chloroethane	1.70	64	488	0.248	ug/l #	43
8) Diethyl Ether	2.13	74	511	0.259	ug/l	58
10) Methyl Iodide	2.51	142	1493	0.263	ug/l #	73
11) Tert butyl alcohol	3.01	59	8379	8.164	ug/l #	75
13) Acrolein	2.28	56	391	13.362	ug/l #	15
16) Acetone	2.43	43	12346	5.869	ug/l	95
18) Methyl Acetate	2.76	43	4402	0.675	ug/l	93
20) Methylene Chloride	2.85	84	3702	0.838	ug/l #	87
25) 2-Butanone	4.68	43	2541	0.769	ug/l	98
31) Cyclohexane	5.65	56	5991	0.966	ug/l #	8
36) 1,1-Dichloropropene	5.65	75	24406	4.543	ug/l #	51
38) Carbon Tetrachloride	5.65	117	37551	6.345	ug/l #	16
43) Isopropyl Acetate	6.44	43	80378	8.336	ug/l	100
48) Methyl methacrylate	7.68	41	7299	1.529	ug/l #	14
49) 1,4-Dioxane	7.72	88	78	0.614	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	75938	12.031	ug/l #	52
54) cis-1,3-Dichloropropene	8.61	75	35847	5.682	ug/l #	63
59) 2-Hexanone	9.54	43	84304	17.321	ug/l #	51
68) m/p-Xylenes	10.36	106	1849	0.242	ug/l	97
74) N-amyl acetate	10.82	43	3887	0.534	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	117158	23.395	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	117158	62.175	ug/l #	11

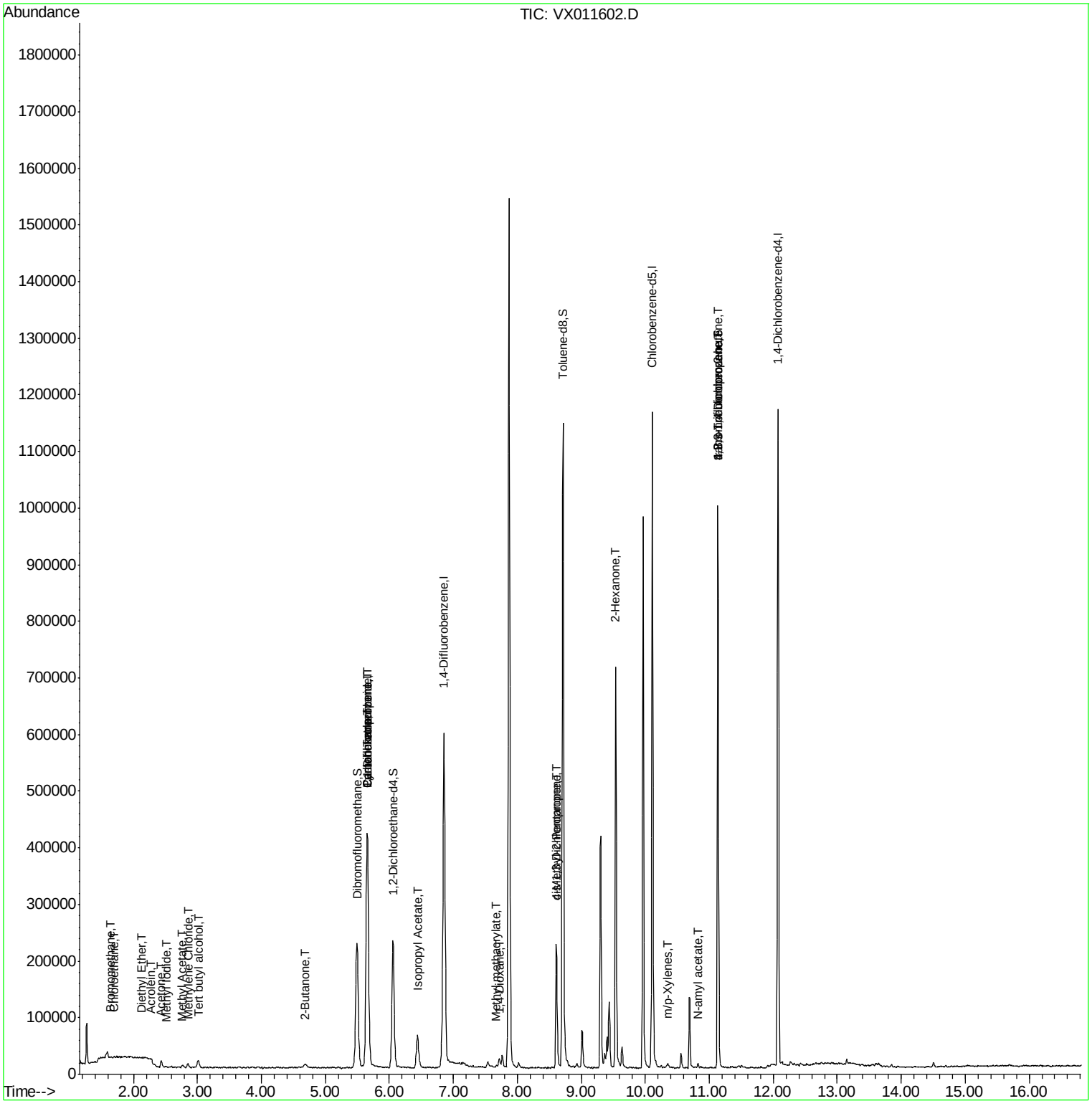
(#) = qualifier out of range (m) = manual integration (+) = signals summed

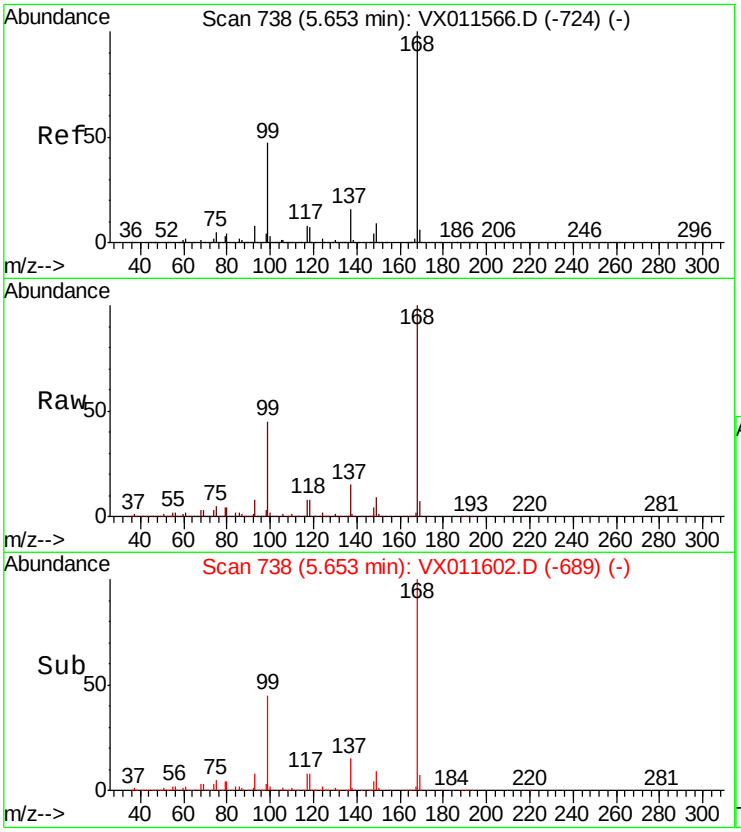
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011602.D
Acq On : 17 Aug 2019 00:37
Operator : JC/SP
Sample : K4272-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Quant Time: Aug 19 01:16:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



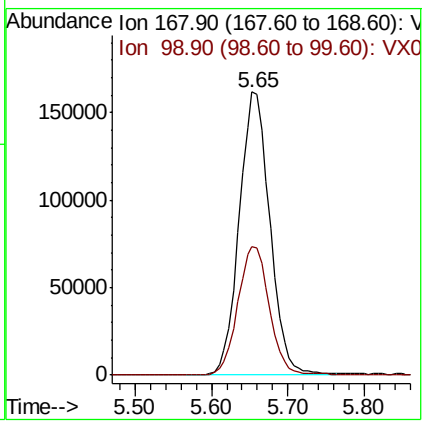


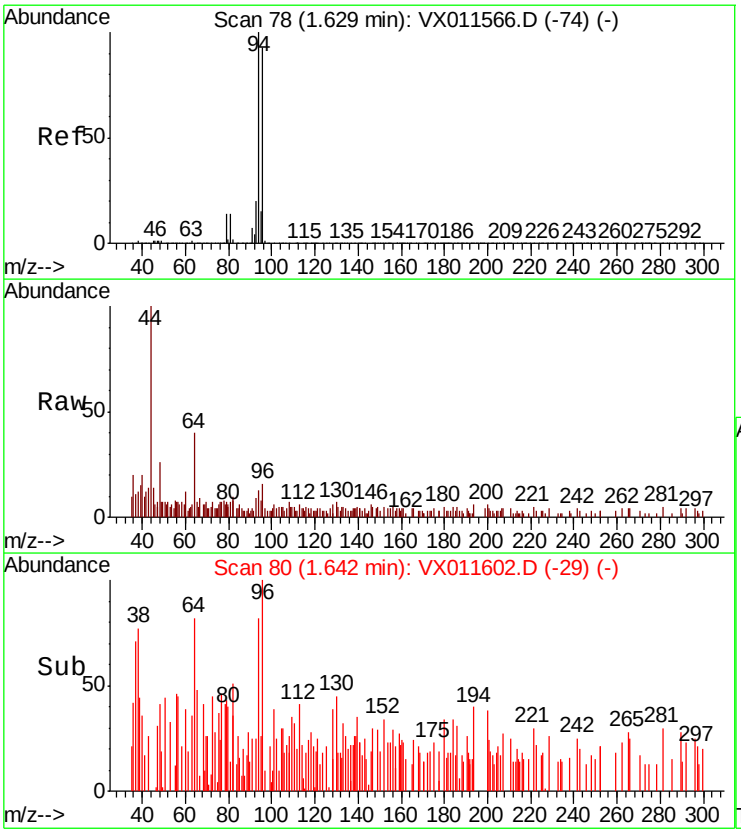
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion:168 Resp: 451101

Ion	Ratio	Lower	Upper
168	100		
99	45.3	37.3	55.9

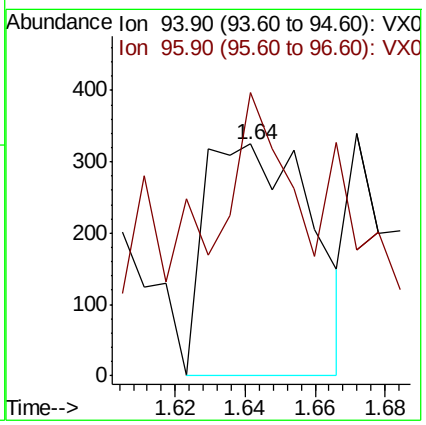


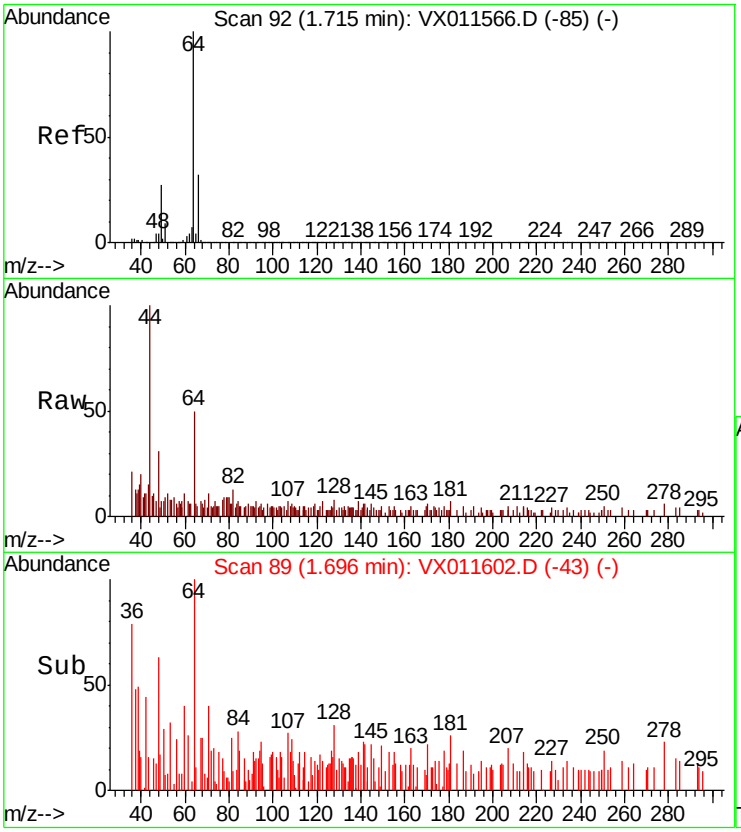


#5
Bromomethane
Concen: 0.370 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 94 Resp: 690

Ion	Ratio	Lower	Upper
94	100		
96	67.6	74.8	112.2#



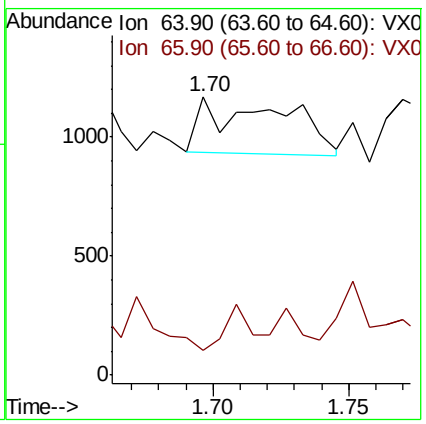


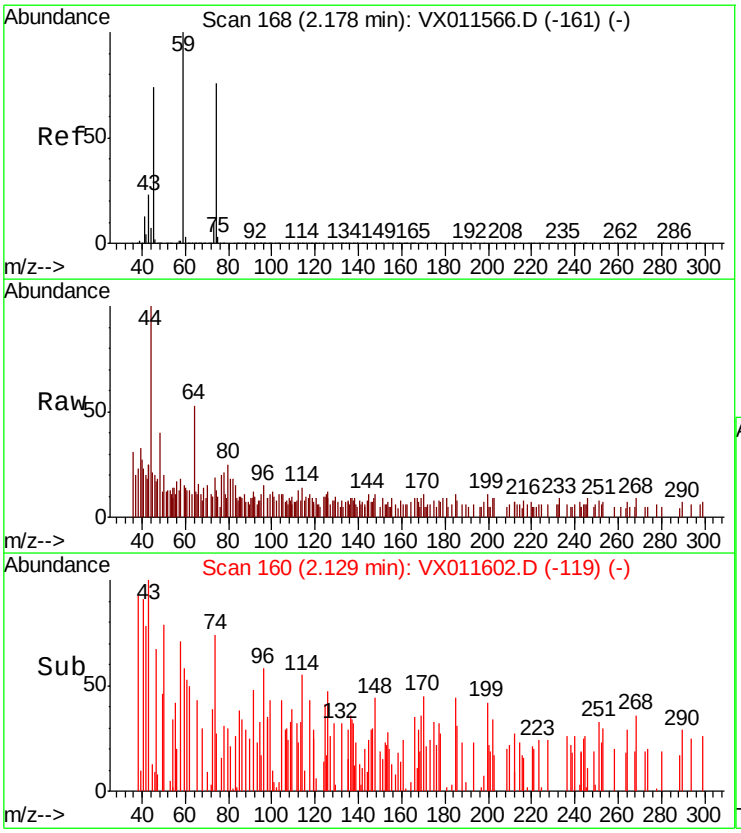
#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 64 Resp: 488

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

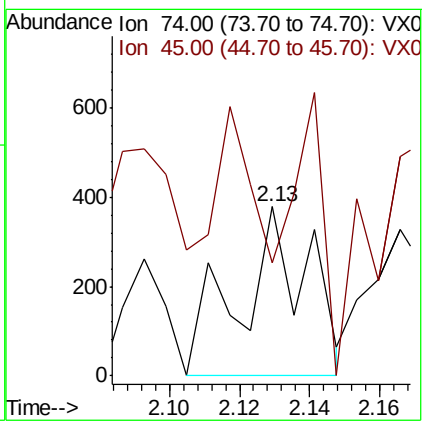


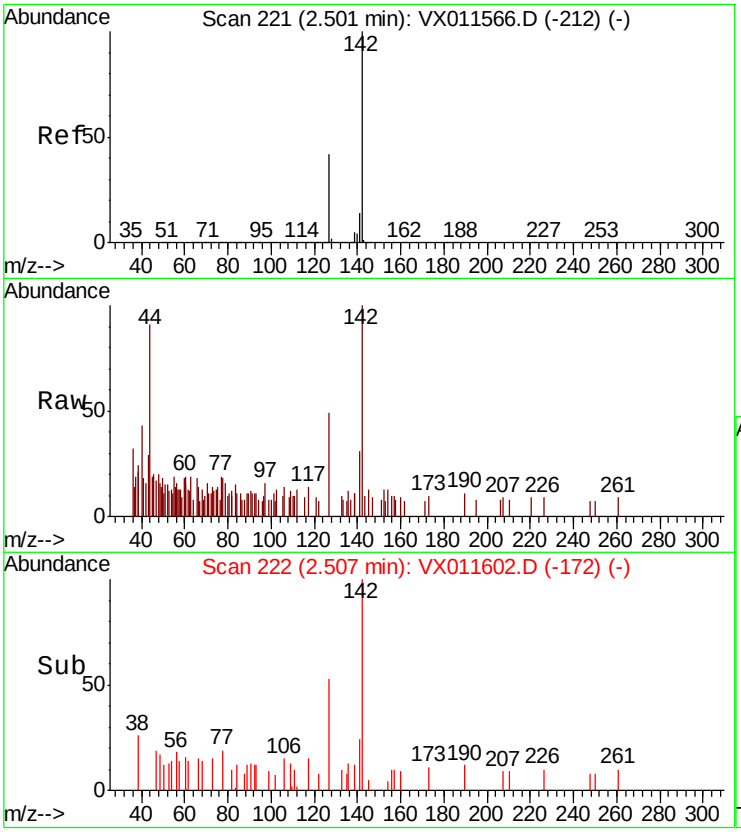


#8
Diethyl Ether
Concen: 0.259 ug/l
RT: 2.13 min Scan# 160
Delta R.T. -0.05 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 74 Resp: 511

Ion	Ratio	Lower	Upper
74	100		
45	55.4	48.2	144.6



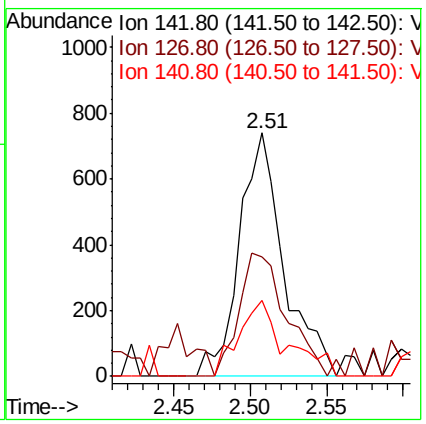


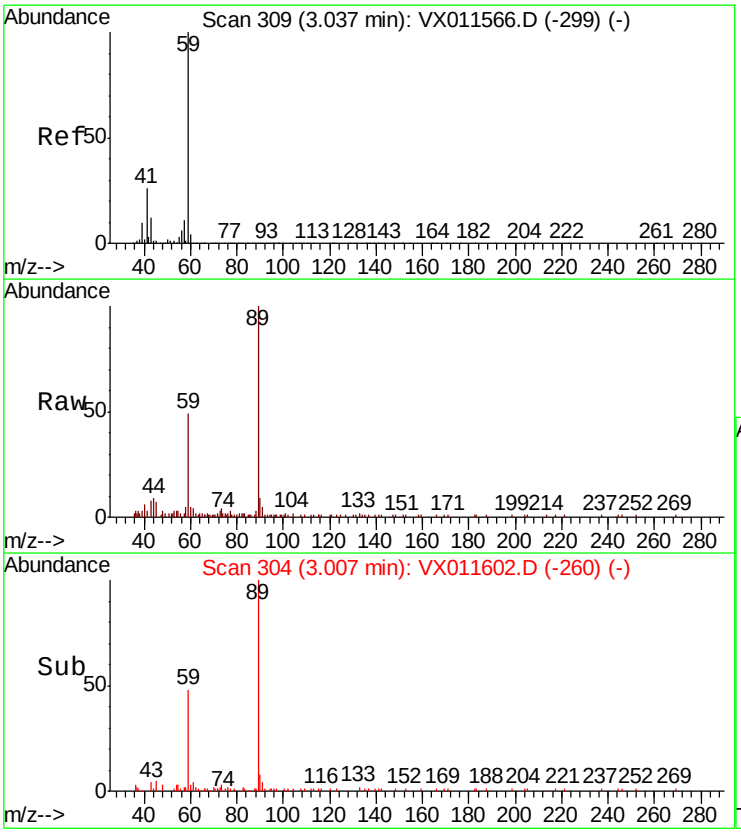
#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion:142 Resp: 1493

Ion	Ratio	Lower	Upper
142	100		
127	53.6	32.8	49.2#
141	33.1	11.4	17.2#

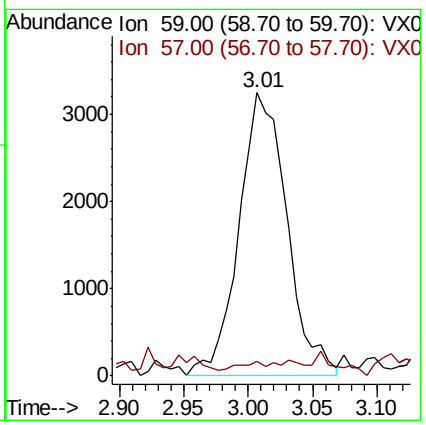


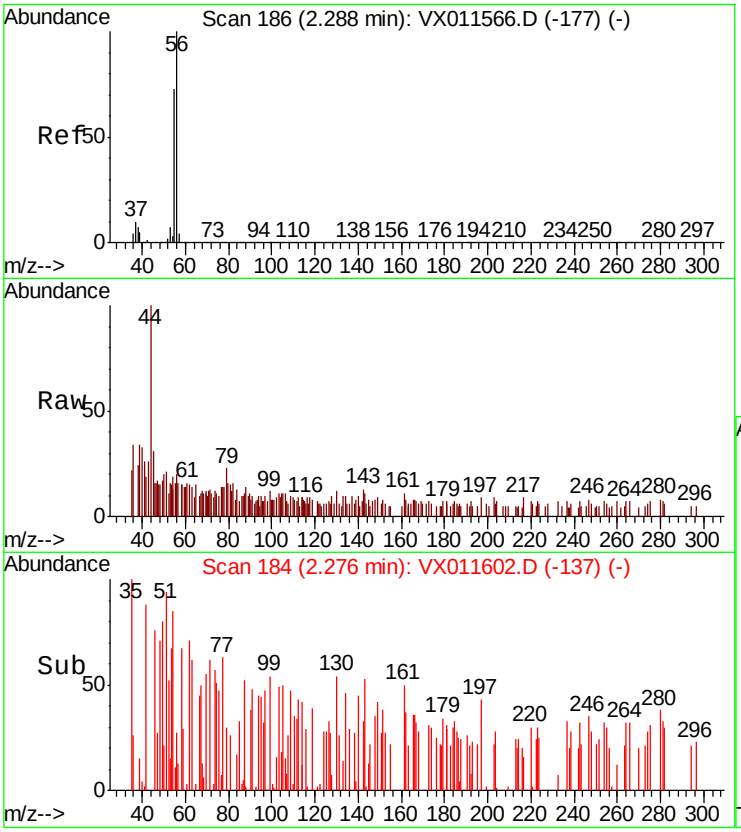


#11
Tert butyl alcohol
Concen: 8.164 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 59 Resp: 8379

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.7	13.1#



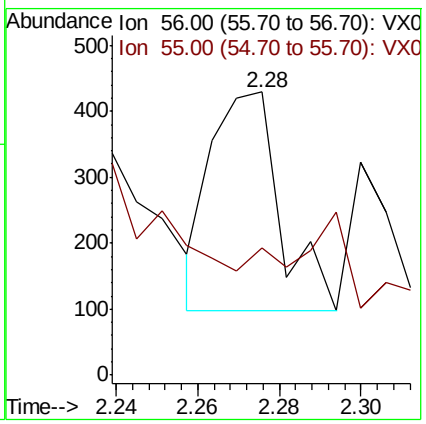


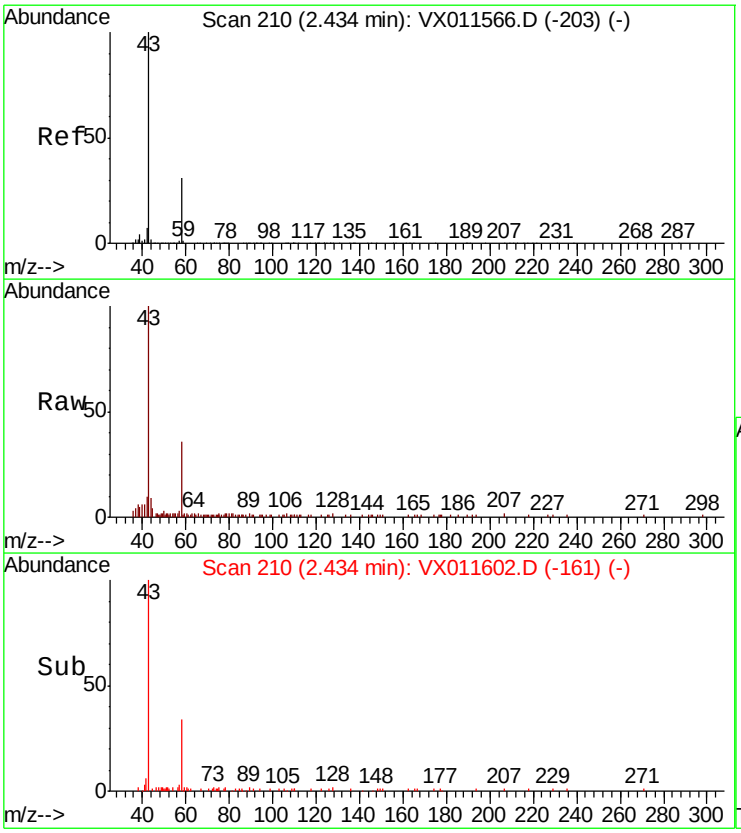
#13
Acrolein
Concen: 13.362 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 56 Resp: 391

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.5	83.3#

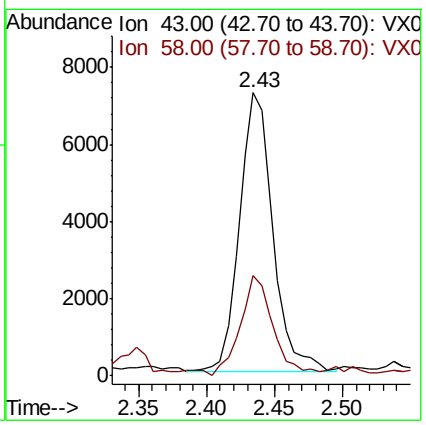


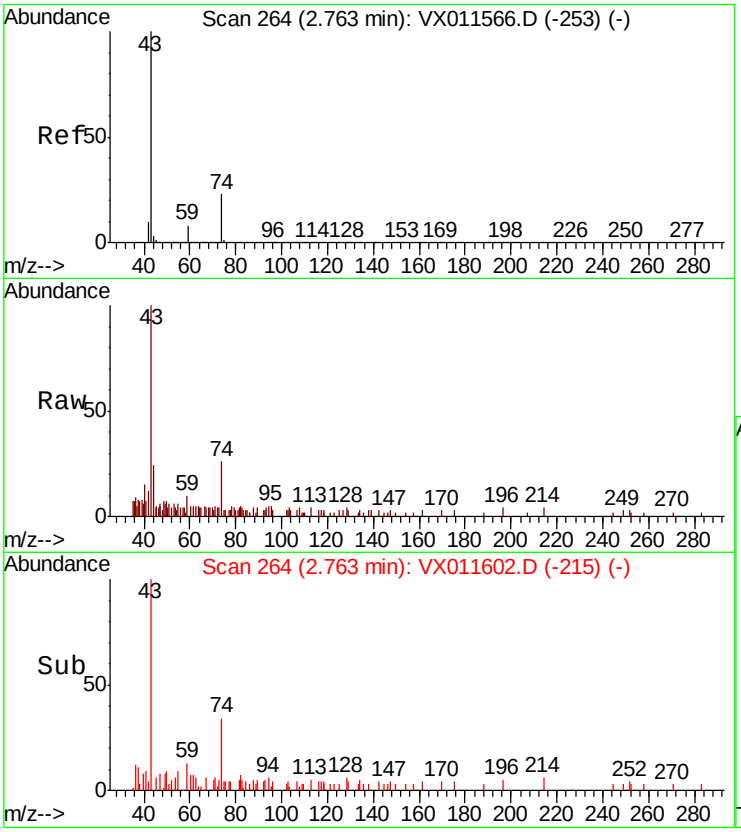


#16
Acetone
Concen: 5.869 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 43 Resp: 12346

Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.2	37.8



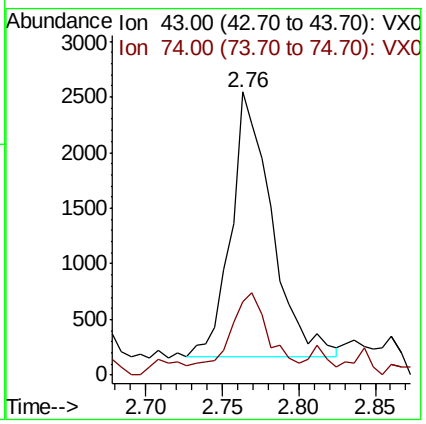


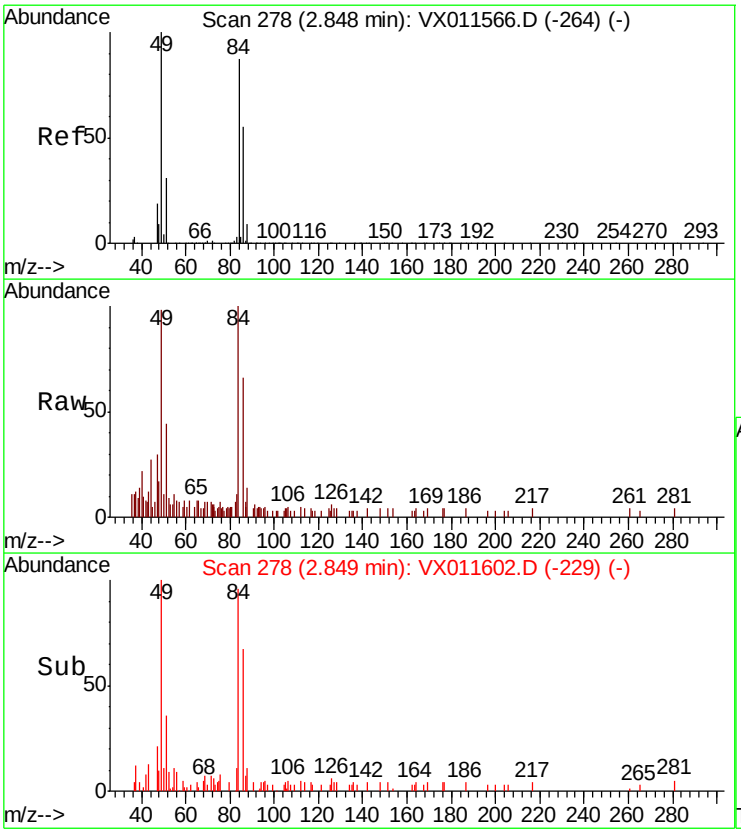
#18
Methyl Acetate
Concen: 0.675 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 43 Resp: 4402

Ion	Ratio	Lower	Upper
43	100		
74	27.9	19.7	29.5

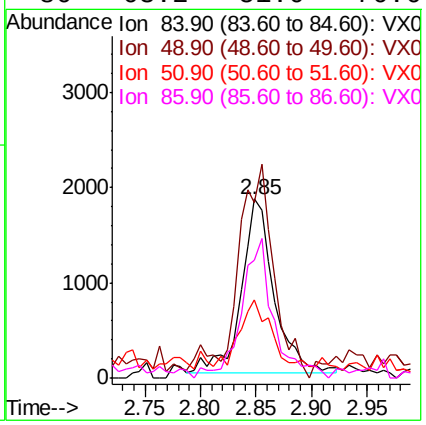


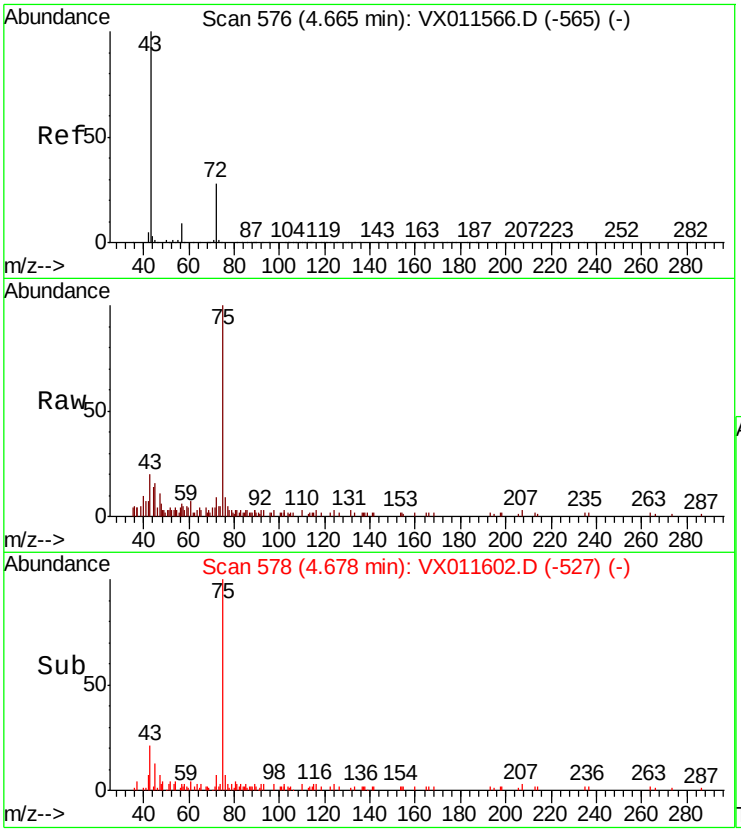


#20
Methylene Chloride
Concen: 0.838 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 84 Resp: 3702

Ion	Ratio	Lower	Upper
84	100		
49	92.1	92.4	138.6#
51	38.4	28.5	42.7
86	63.2	51.0	76.6



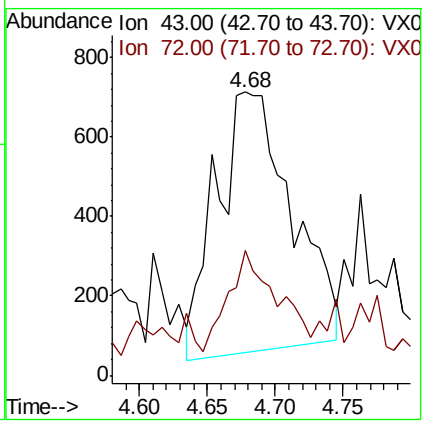


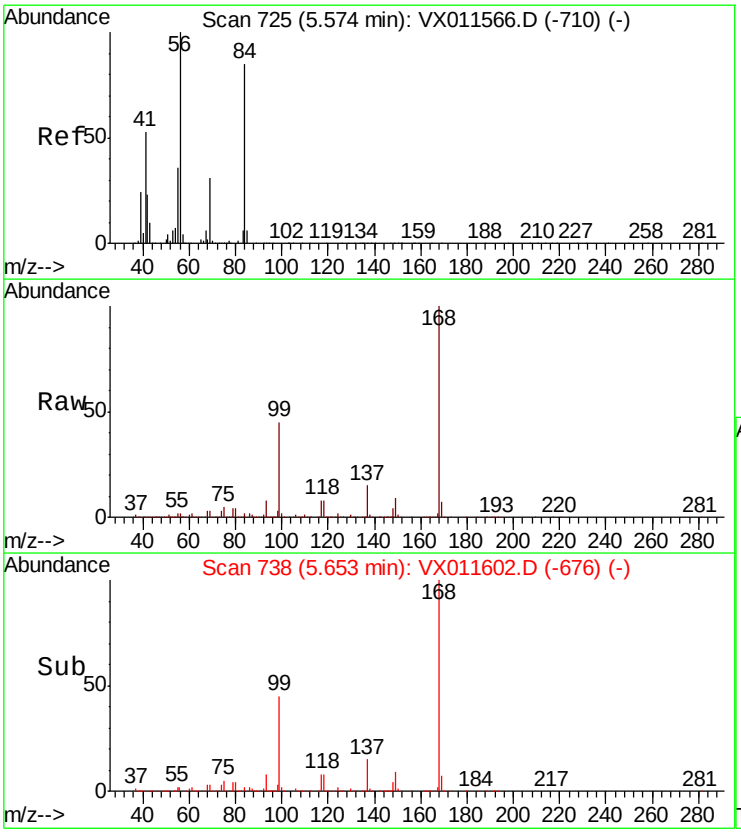
#25
2-Butanone
Concen: 0.769 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 43 Resp: 2541

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.2	33.4

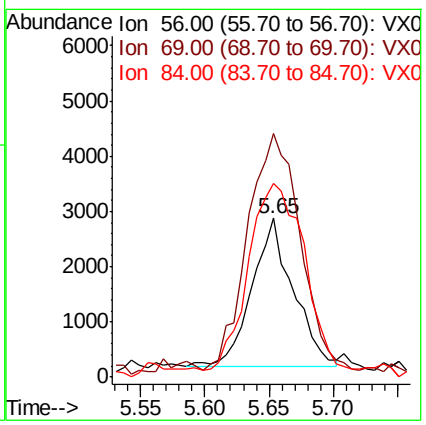


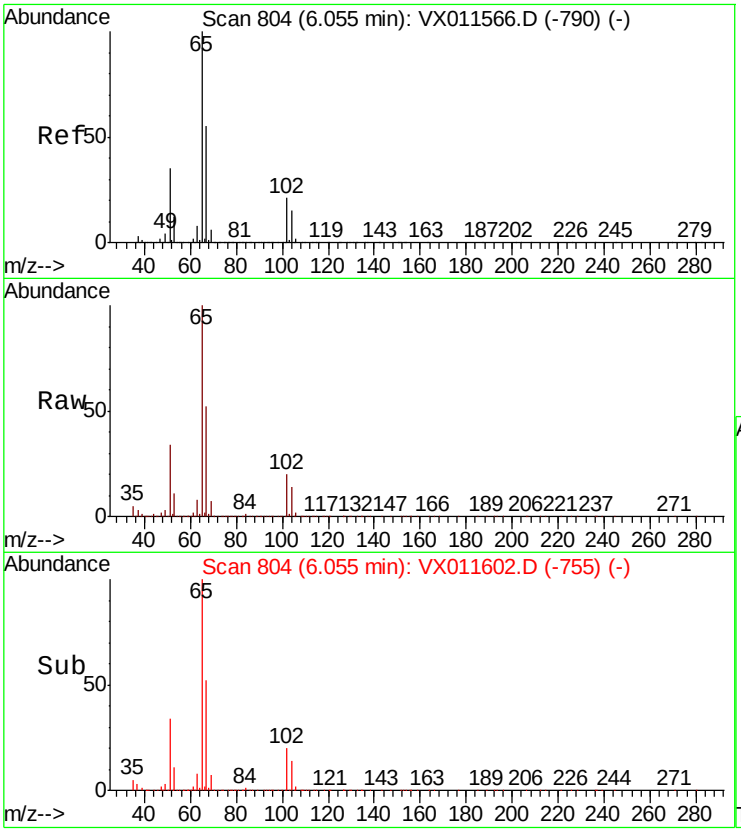


#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 56 Resp: 5991

Ion	Ratio	Lower	Upper
56	100		
69	153.6	24.8	37.2#
84	124.9	67.9	101.9#



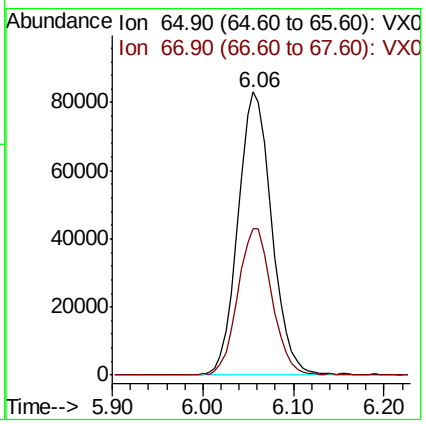


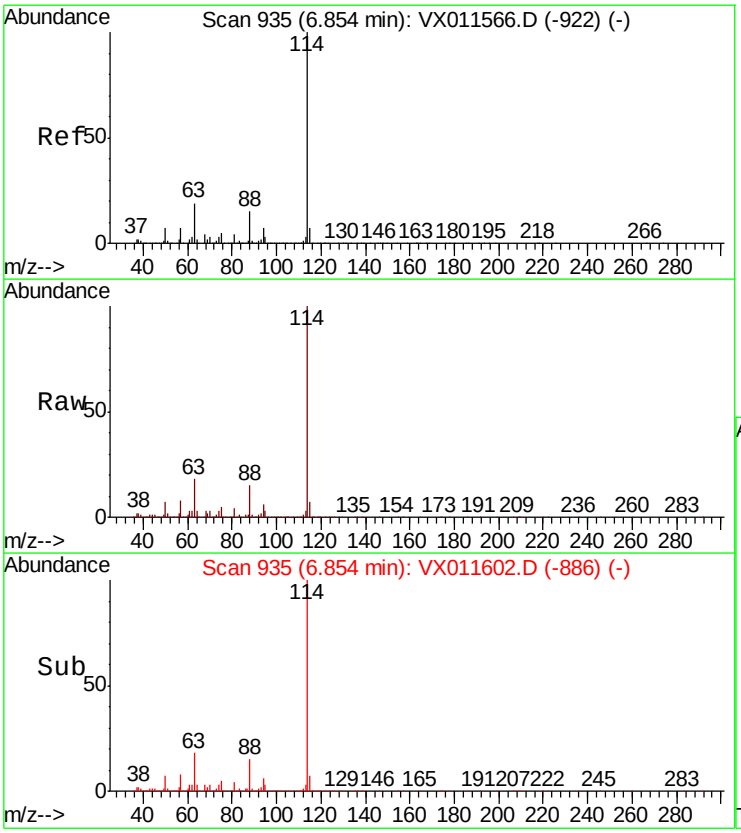
#33
1,2-Dichloroethane-d4
Concen: 51.333 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 65 Resp: 214743

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.6

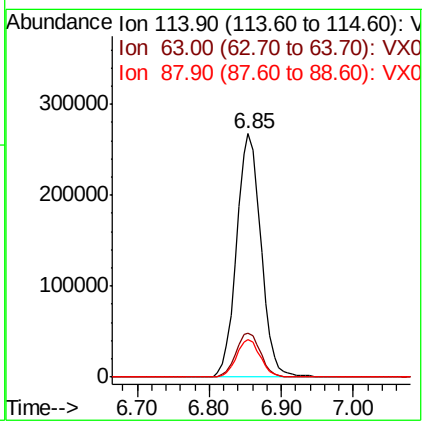


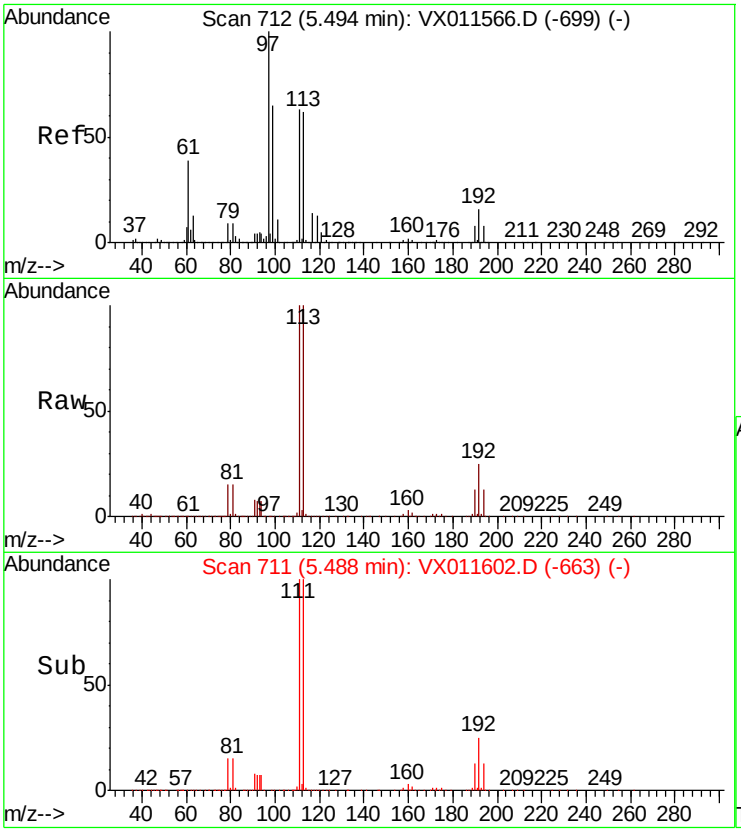


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion:114 Resp: 628315

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.8
88	15.2	0.0	30.2



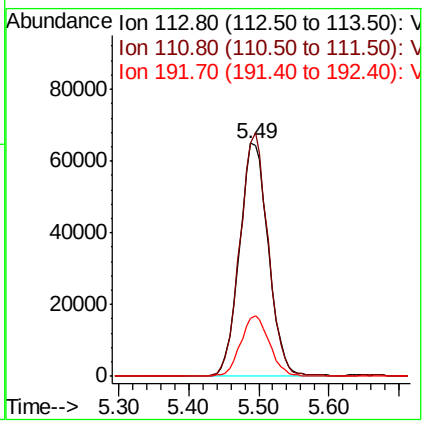


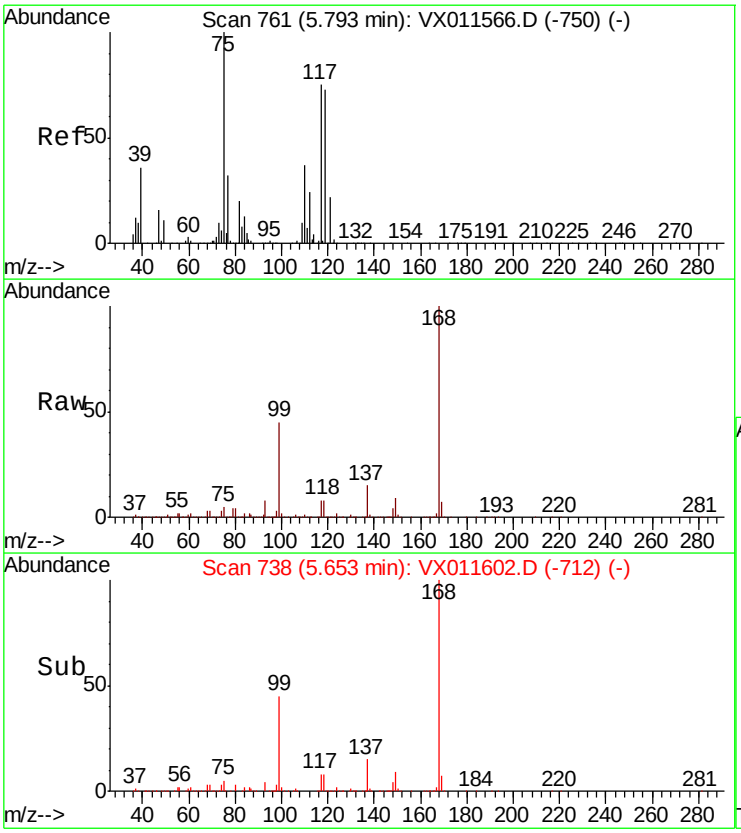
#35
Dibromofluoromethane
Concen: 45.489 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion:113 Resp: 186941

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.1	121.7
192	25.8	20.8	31.2

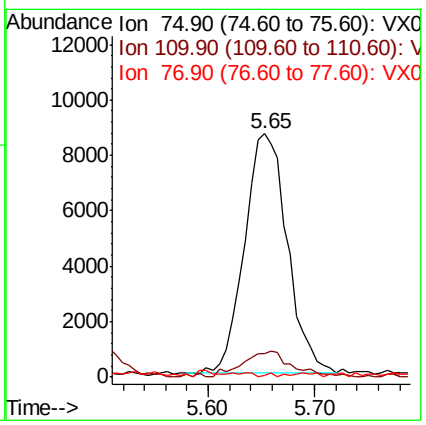


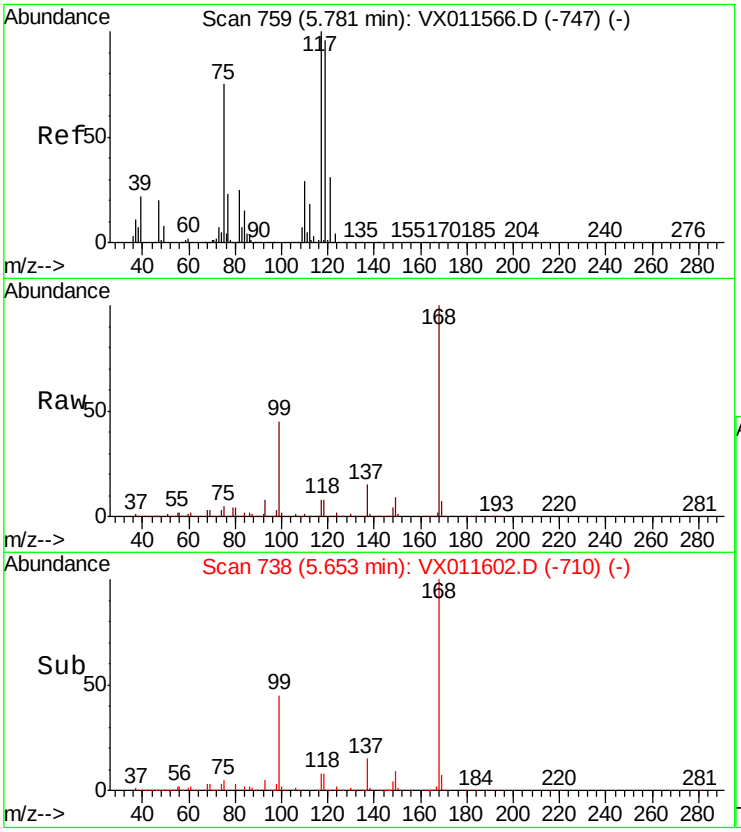


#36
1,1-Dichloropropene
Concen: 4.543 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 75 Resp: 24406

Ion	Ratio	Lower	Upper
75	100		
110	12.4	19.4	58.1#
77	0.3	25.1	37.7#



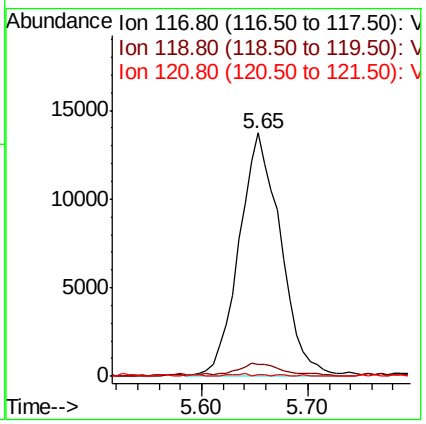


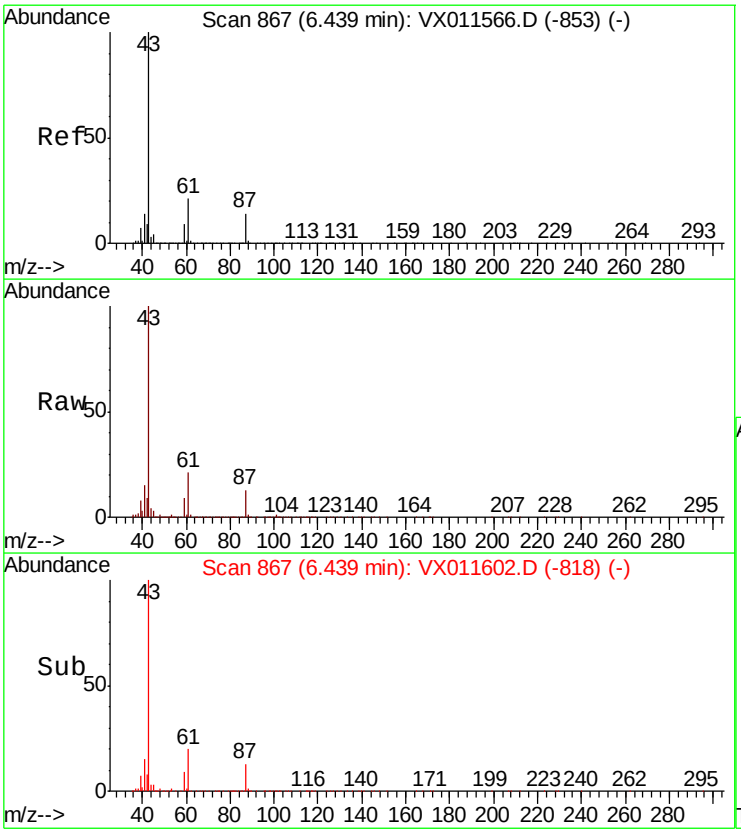
#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion:117 Resp: 37551

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.9	115.3#
121	0.4	24.8	37.2#

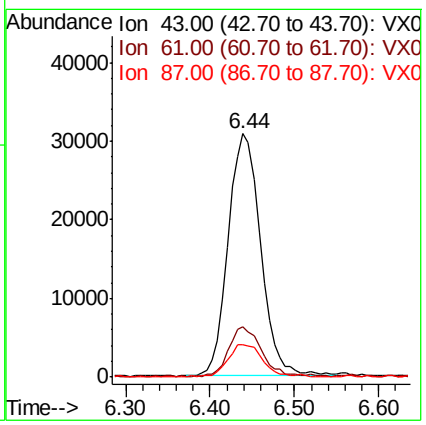


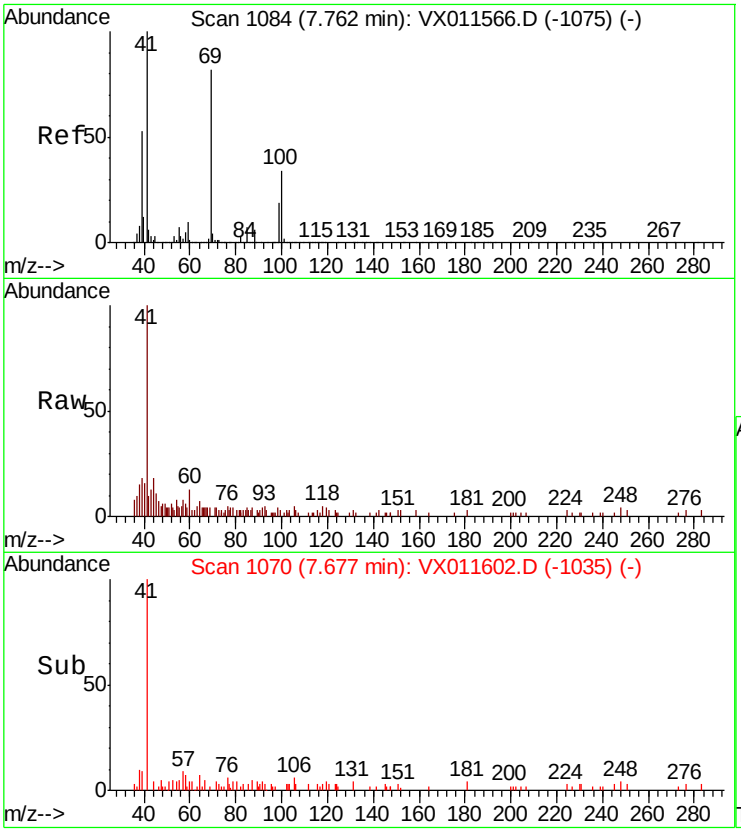


#43
Isopropyl Acetate
Concen: 8.336 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 43 Resp: 80378

Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.6	24.8
87	14.5	11.4	17.2



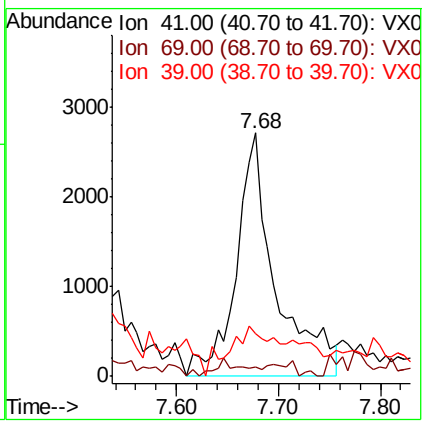


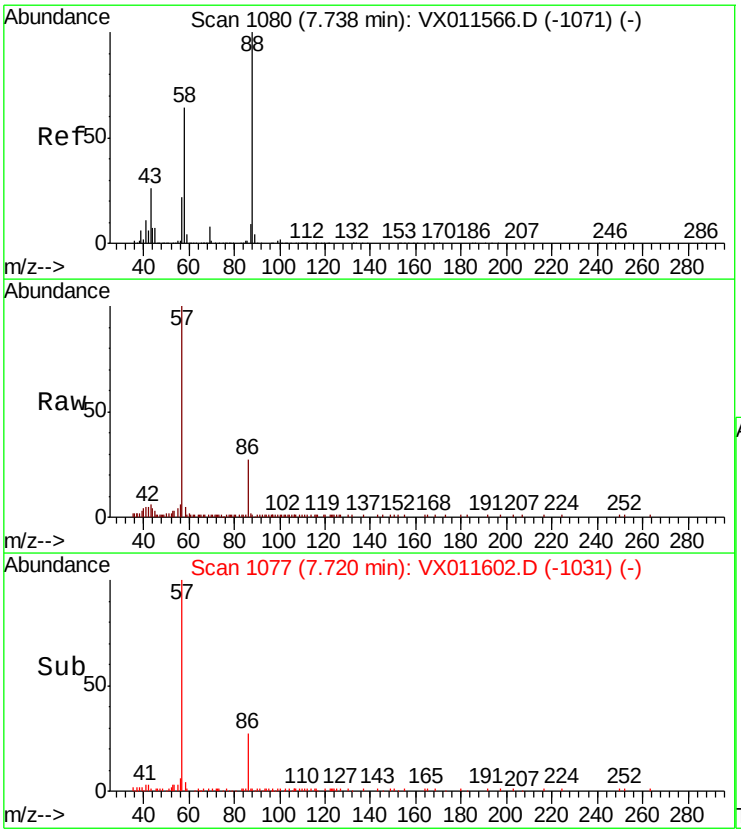
#48
Methyl methacrylate
Concen: 1.529 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 41 Resp: 7299

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.9	101.9#
39	0.0	41.6	62.4#

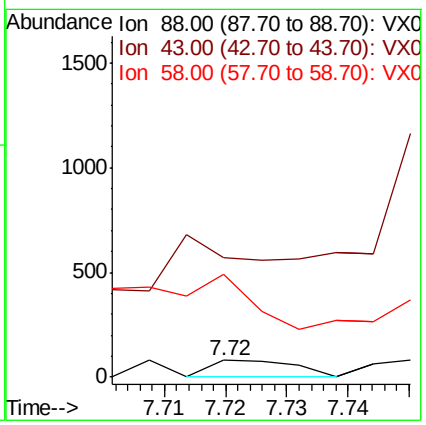


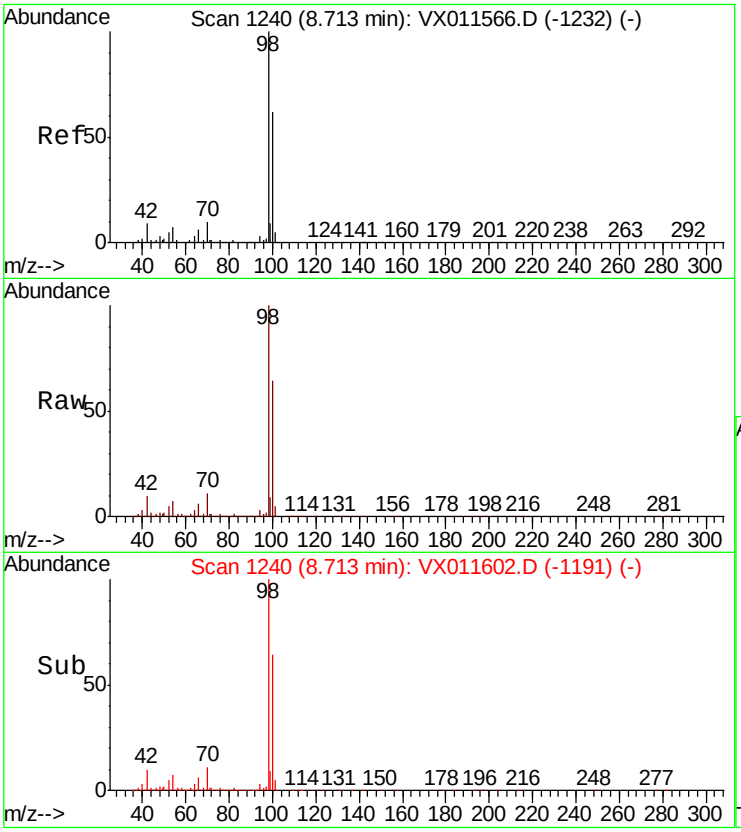


#49
1,4-Dioxane
Concen: 0.614 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	1106.4	54.3	81.5#



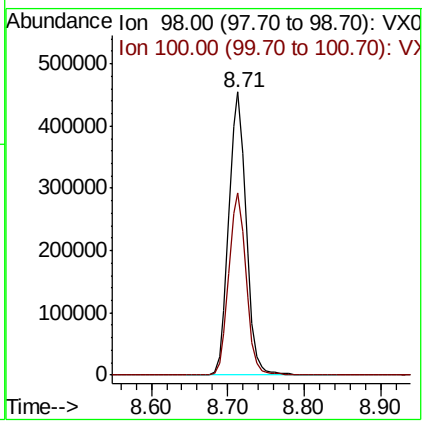


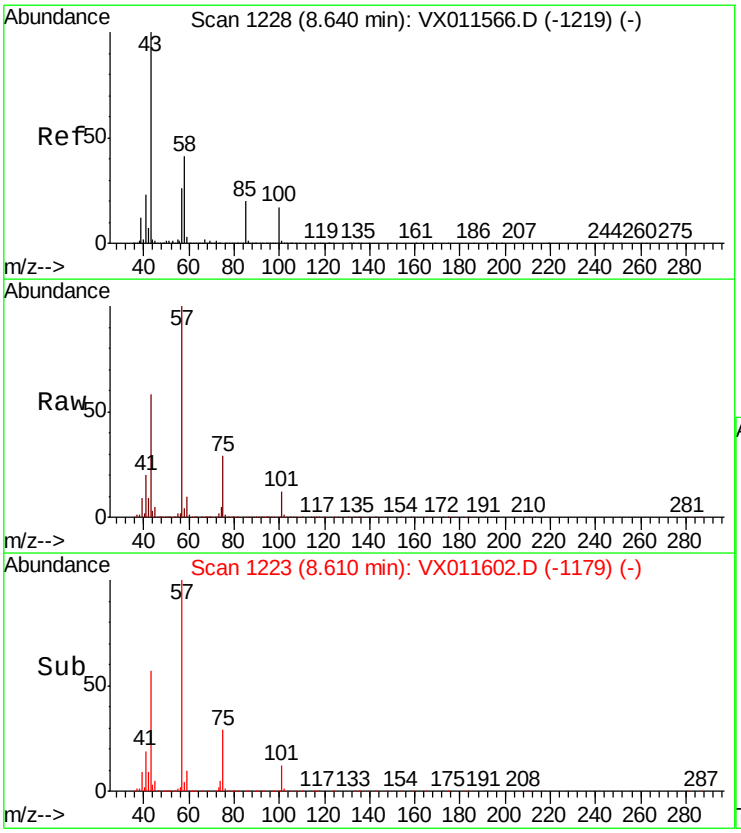
#50
Toluene-d8
Concen: 55.887 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 98 Resp: 715631

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.4	78.6

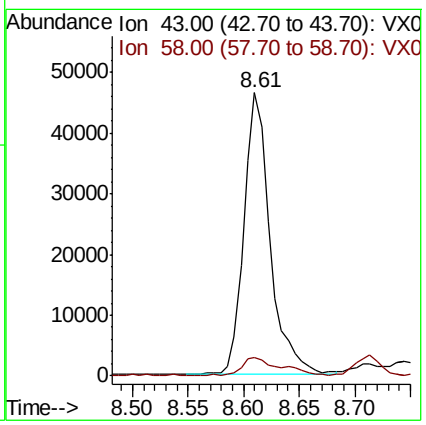


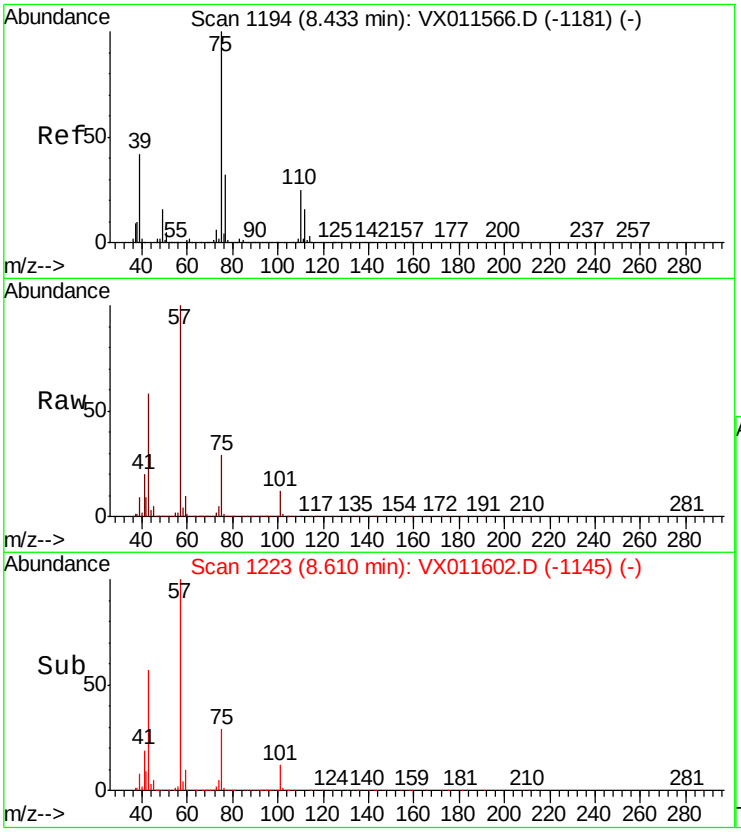


#51
4-Methyl-2-Pentanone
Concen: 12.031 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 43 Resp: 75938

Ion	Ratio	Lower	Upper
43	100		
58	10.2	31.8	47.6#



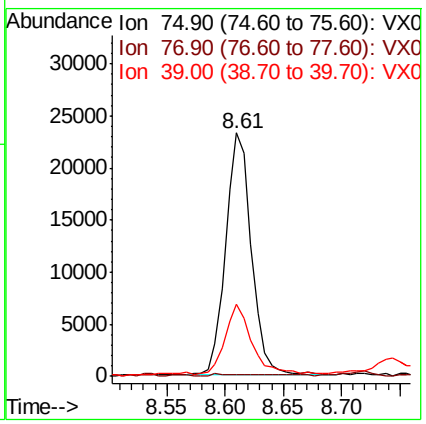


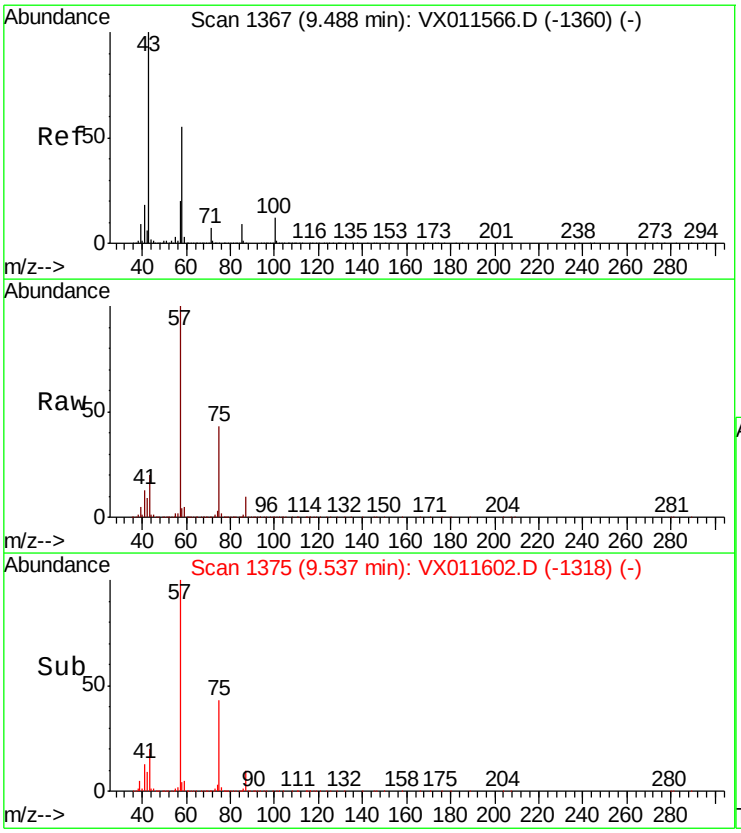
#54
cis-1,3-Dichloropropene
Concen: 5.682 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument : MSVOA_X
ClientSampleId : 2S-G2-(0)

Tgt Ion: 75 Resp: 35847

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	28.2	33.6	50.4#

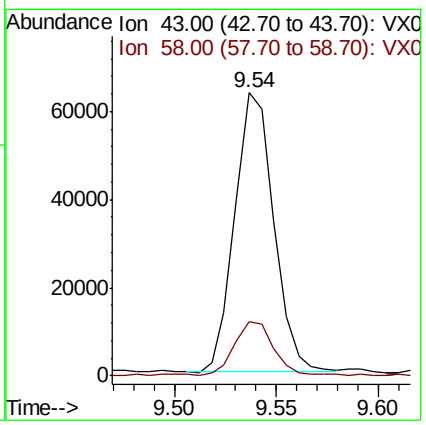


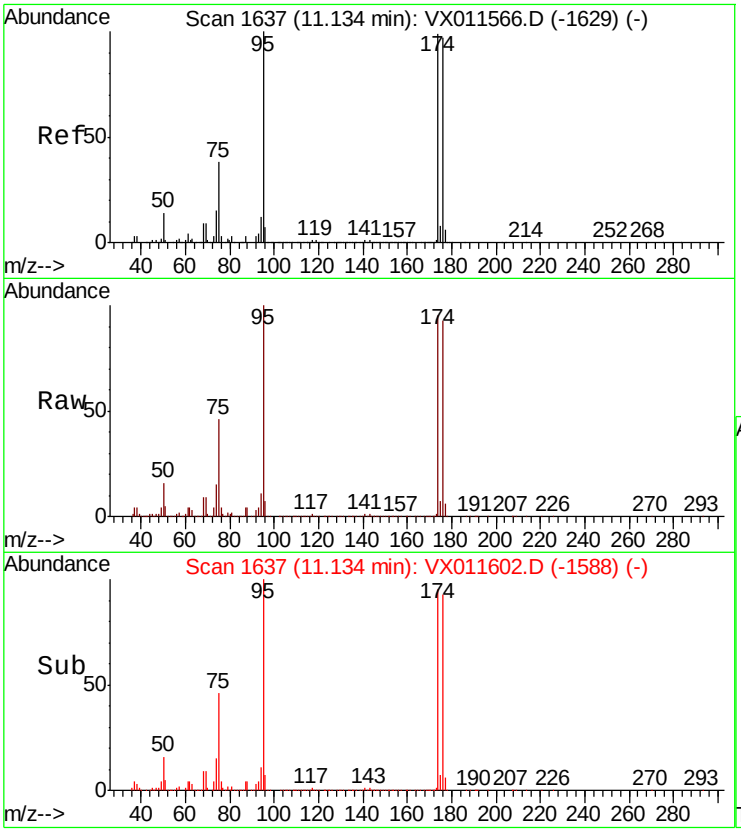


#59
2-Hexanone
Concen: 17.321 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 43 Resp: 84304

Ion	Ratio	Lower	Upper
43	100		
58	19.3	27.5	82.4#



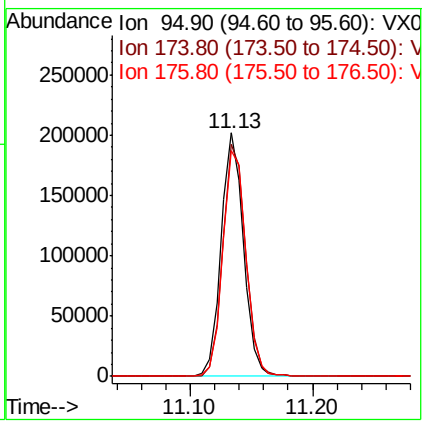


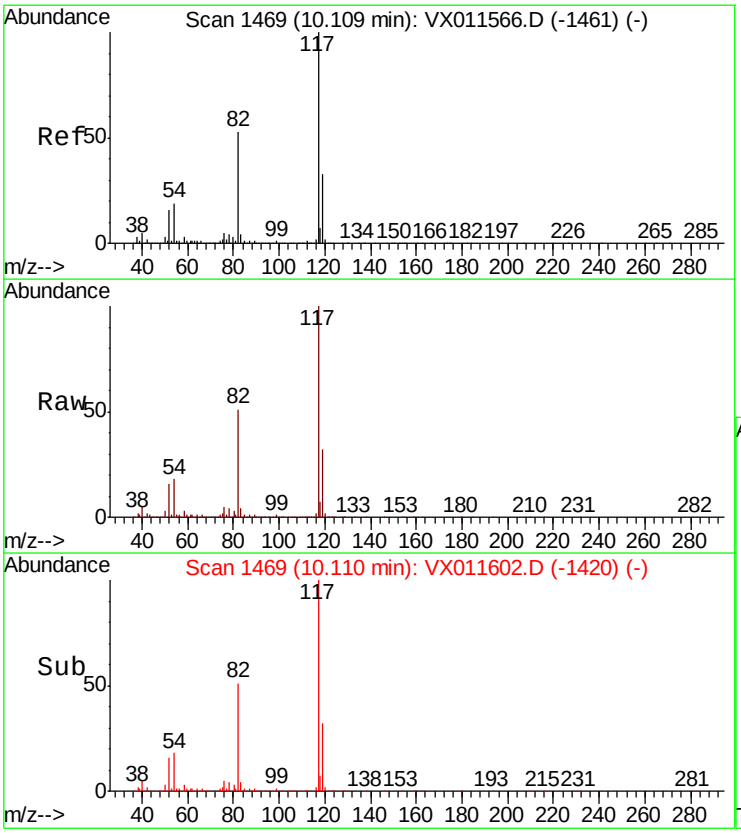
#62
4-Bromofluorobenzene
Concen: 47.261 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 95 Resp: 255435

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	200.6
176	95.6	0.0	196.6

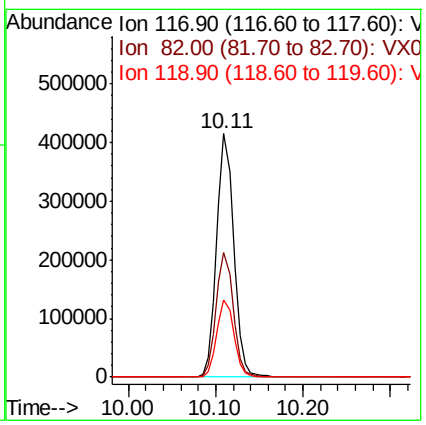


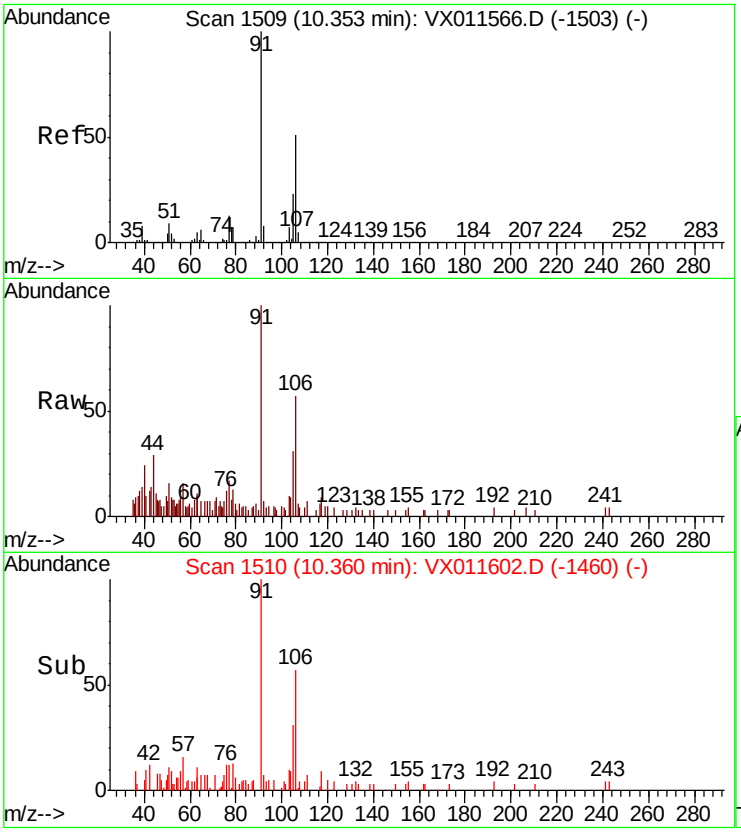


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion:117 Resp: 559060

Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.0	63.0
119	31.8	26.5	39.7



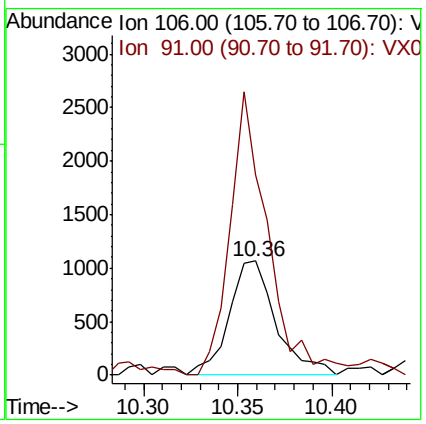


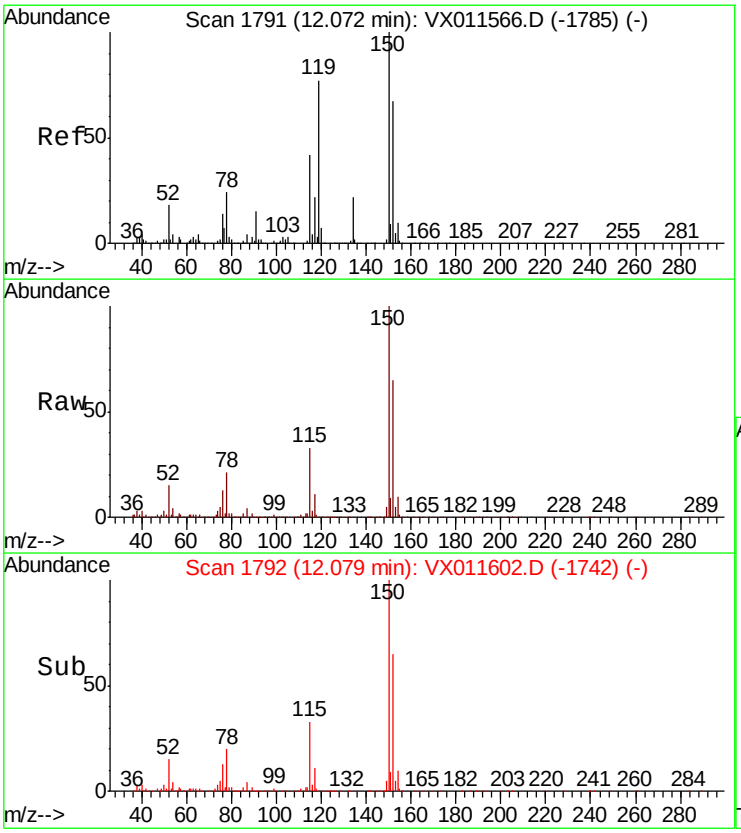
#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion:106 Resp: 1849

Ion	Ratio	Lower	Upper
106	100		
91	199.8	156.0	234.0

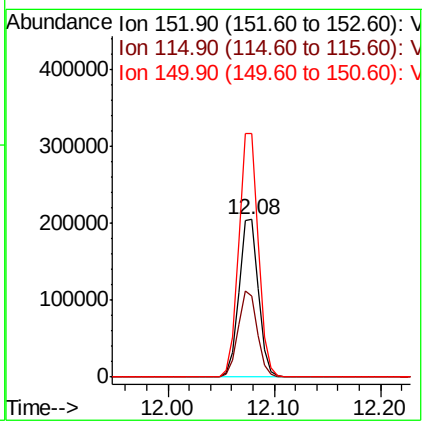


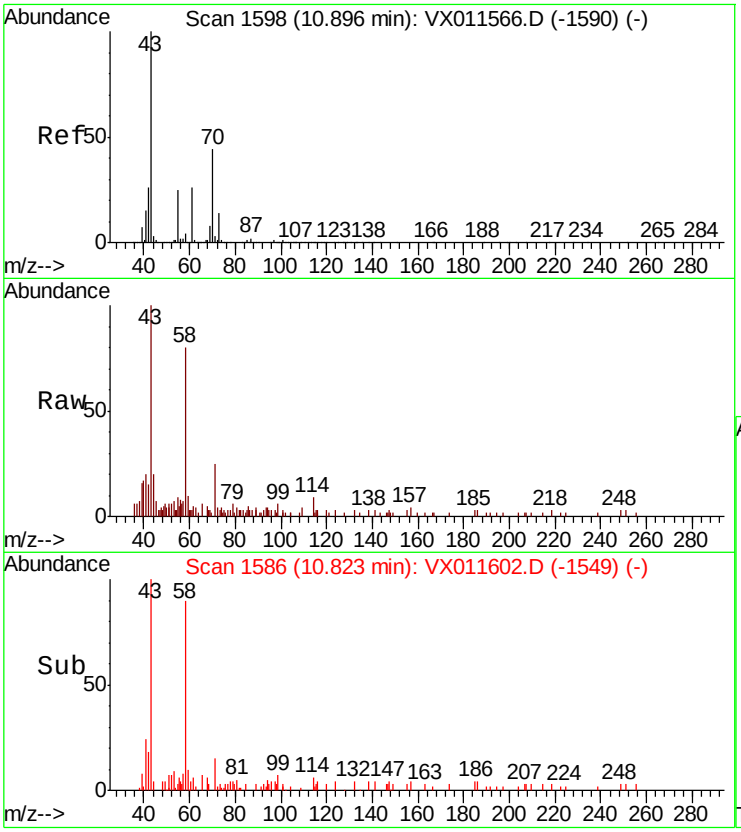


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion:152 Resp: 264094

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.3	111.9
150	154.6	0.0	346.2



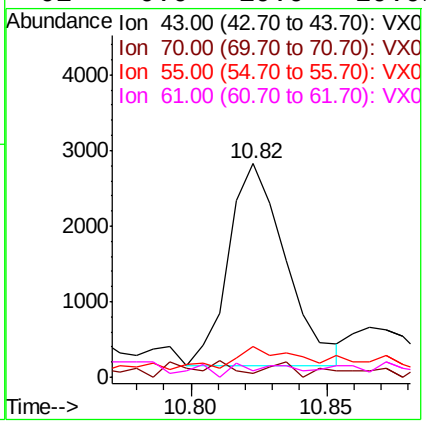


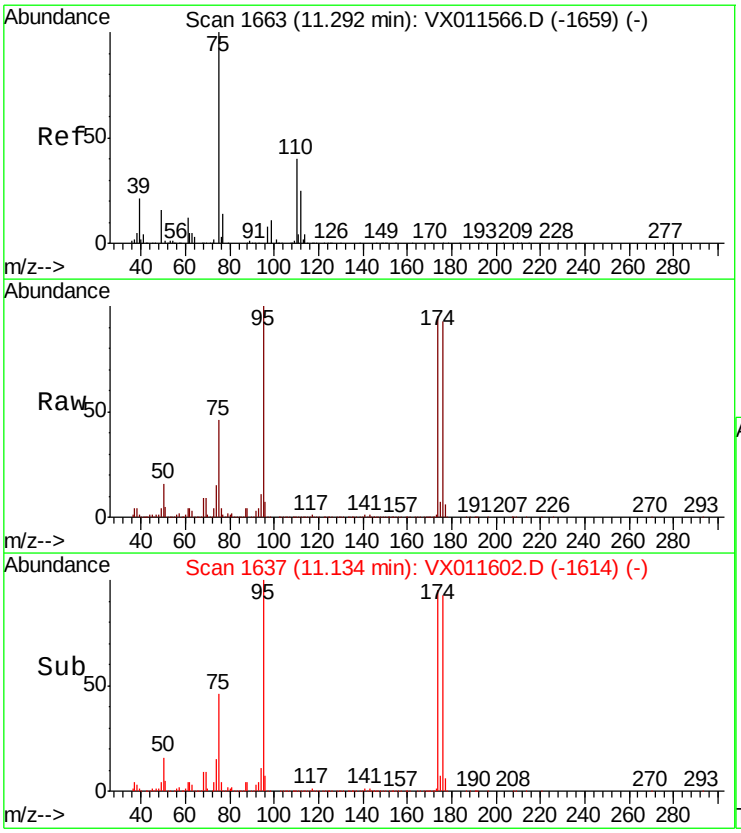
#74
N-amyl acetate
Concen: 0.534 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 43 Resp: 3887

Ion	Ratio	Lower	Upper
43	100		
70	3.1	34.7	52.1#
55	12.5	19.6	29.4#
61	0.0	19.9	29.9#

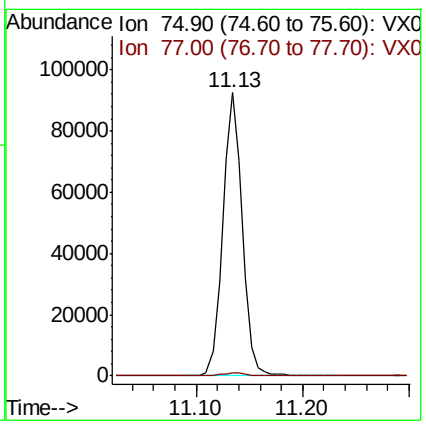


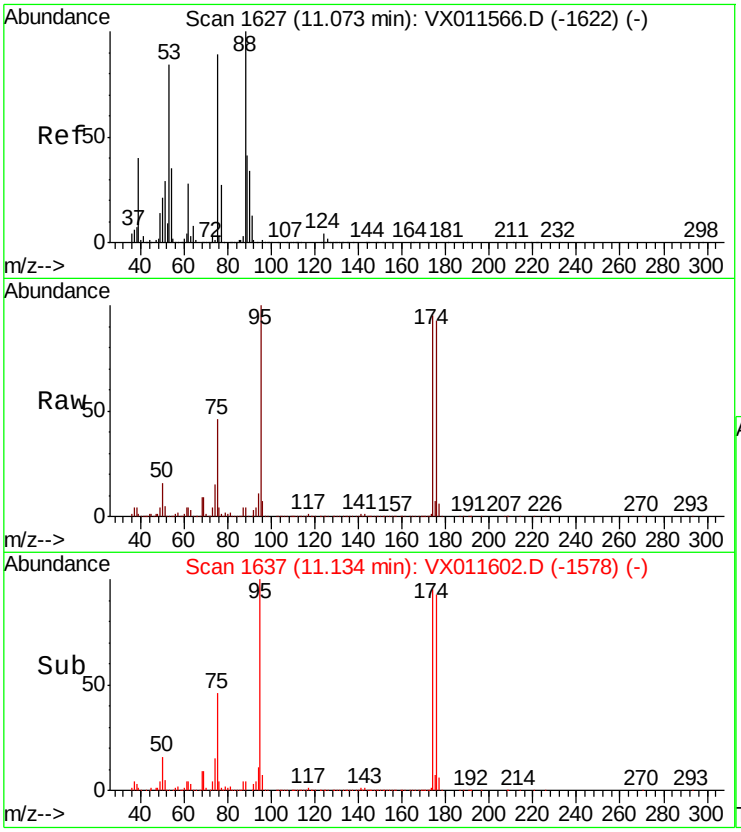


#76
1,2,3-Trichloropropane
Concen: 23.395 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Tgt Ion: 75 Resp: 117158

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.175 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011602.D
Acq: 17 Aug 2019 00:37

Instrument :
MSVOA_X
ClientSampleId :
2S-G2-(0)

Tgt Ion: 75 Resp: 117158

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.4	116.0#
89	0.1	37.3	55.9#