Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
Data File : VX010790.D
Acq On : 10 Jul 2019 20:16
Operator : JC/SP
Sample : K3626-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-02-070919-A

Quant Time: Jul 11 01:18:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112140	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.18%			
35) Dibromofluoromethane	5.50	113	106590	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
50) Toluene-d8	8.71	98	424516	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.54%			
62) 4-Bromofluorobenzene	11.13	95	142426	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	505	0.279	ug/l #	57
5) Bromomethane	1.65	94	675	0.700	ug/l #	67
6) Chloroethane	1.71	64	303	0.260	ug/l #	41
8) Diethyl Ether	2.20	74	230	0.204	ug/l	65
11) Tert butyl alcohol	3.04	59	731	1.335	ug/l #	68
13) Acrolein	2.29	56	213	0.586	ug/l #	1
15) Acrylonitrile	3.15	53	289	0.267	ug/l #	37
16) Acetone	2.45	43	15875	15.137	ug/l	98
18) Methyl Acetate	2.78	43	1721	0.823	ug/l #	89
20) Methylene Chloride	2.86	84	30078	13.936	ug/l	93
25) 2-Butanone	4.68	43	3440	2.236	ug/l	98
29) Tetrahydrofuran	5.15	42	1284	1.347	ug/l	94
36) 1,1-Dichloropropene	5.67	75	14509	5.262	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20096	6.731	ug/l #	14
39) Methylcyclohexane	7.46	83	750	0.207	ug/l #	62
43) Isopropyl Acetate	6.45	43	12083	2.575	ug/l	99
48) Methyl methacrylate	7.68	41	5357	2.456	ug/l #	10
49) 1,4-Dioxane	7.88	88	247	3.931	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	61894	20.622	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	31891	9.178	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	7685	2.122	ug/l #	42
59) 2-Hexanone	9.44	43	8979	3.801	ug/l #	22
76) 1,2,3-Trichloropropane	11.13	75	69745	25.440	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2792	0.332	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.13	75	69745	59.349	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.80	105	2288	0.271	ug/l	96
95) Naphthalene	13.83	128	17826	1.693	ug/l	100

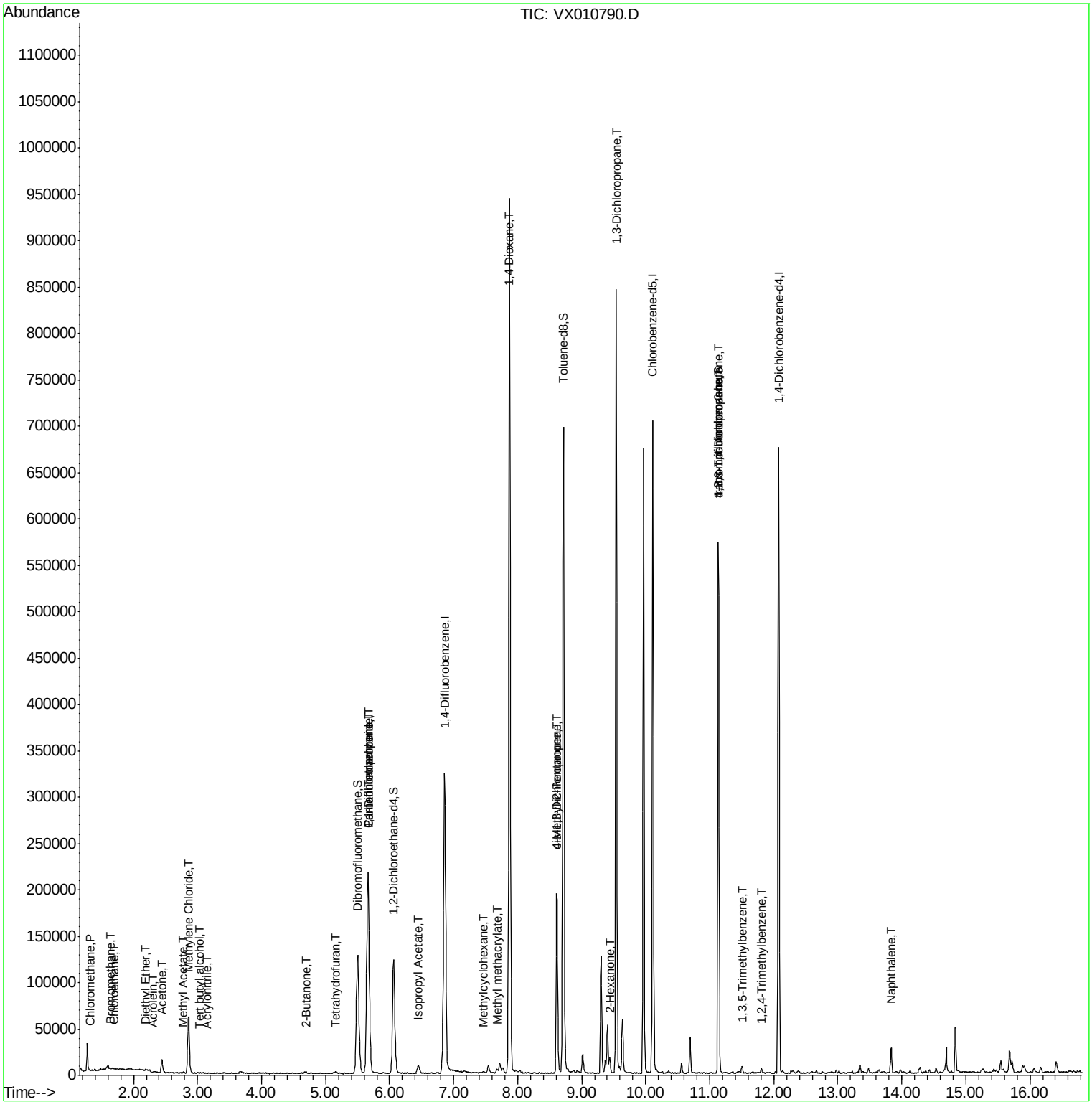
(#) = qualifier out of range (m) = manual integration (+) = signals summed

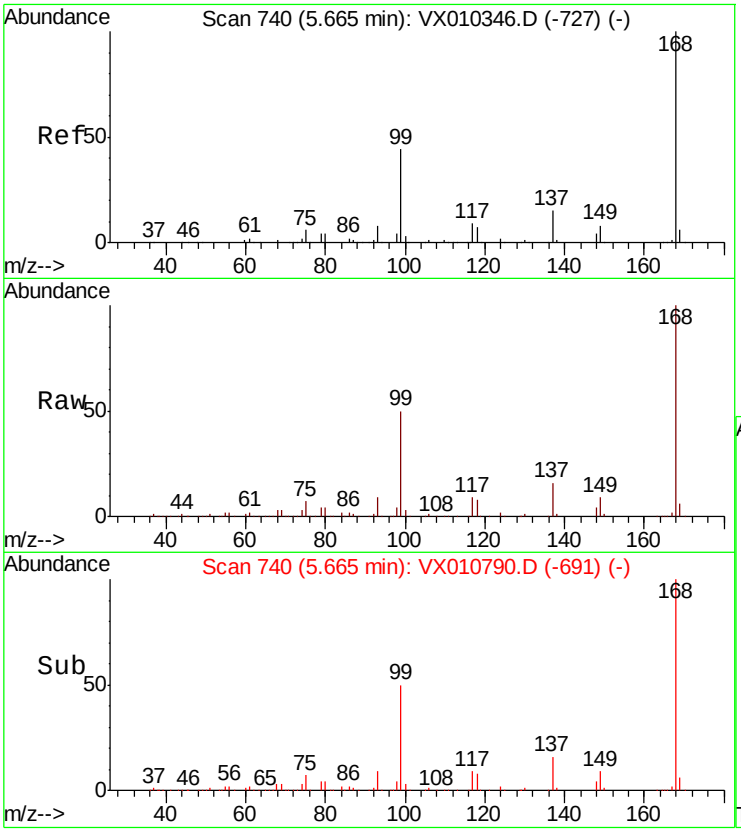
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
Data File : VX010790.D
Acq On : 10 Jul 2019 20:16
Operator : JC/SP
Sample : K3626-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Quant Time: Jul 11 01:18:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



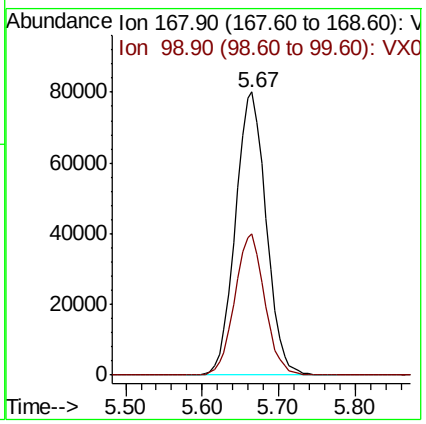


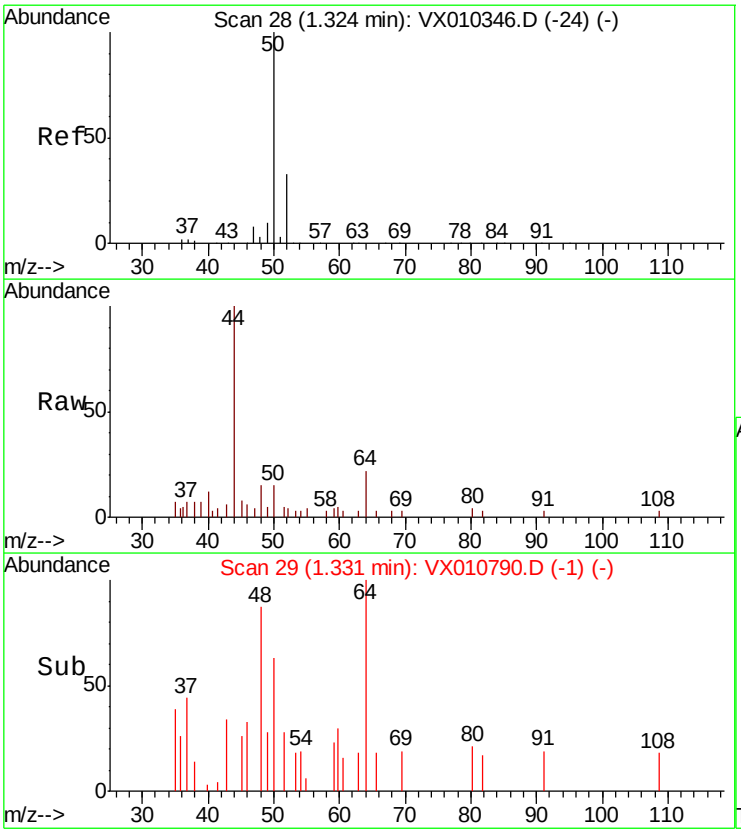
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion:168 Resp: 223194

Ion	Ratio	Lower	Upper
168	100		
99	49.8	35.5	53.3

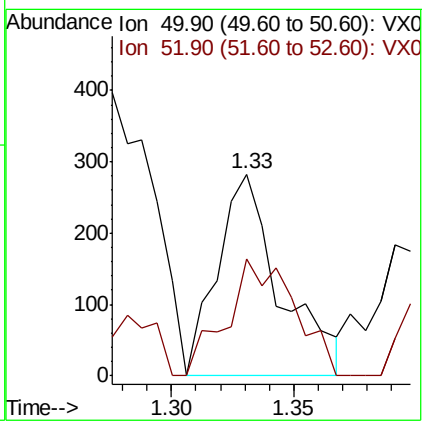


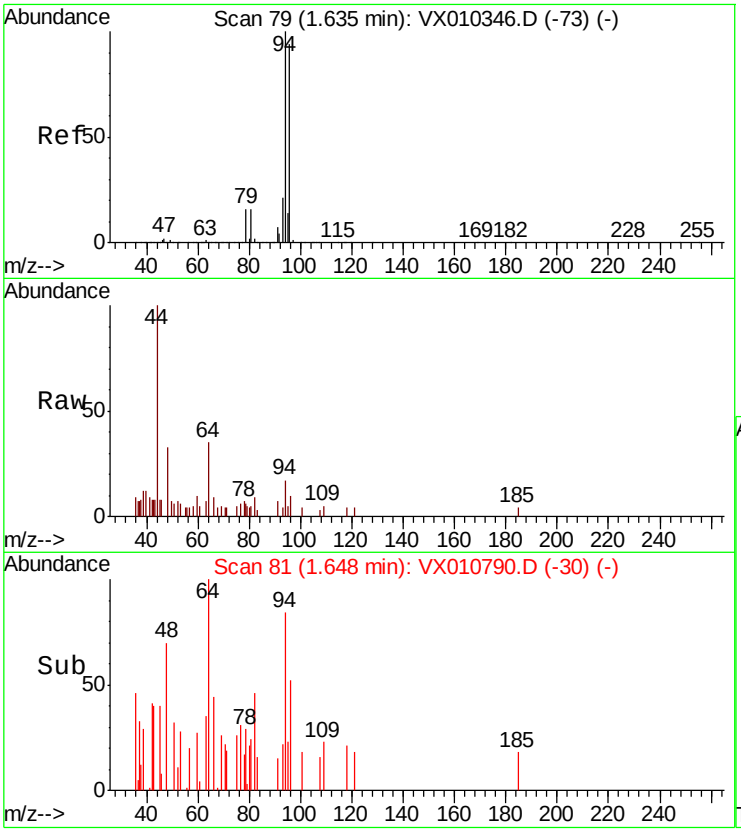


#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 50 Resp: 505

Ion	Ratio	Lower	Upper
50	100		
52	57.6	26.5	39.7#



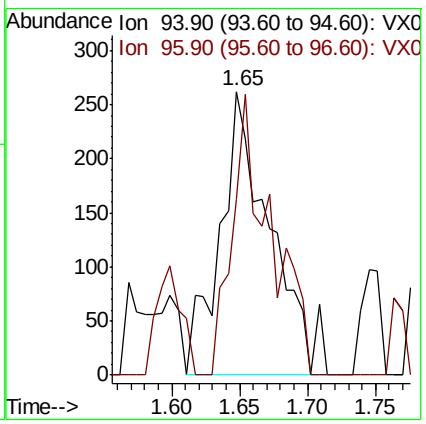


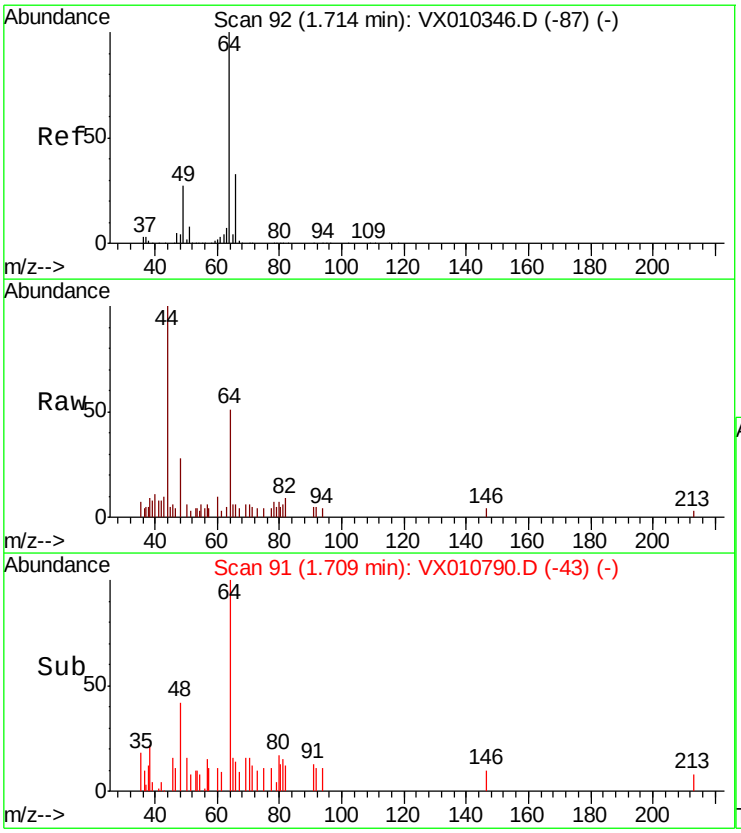
#5
Bromomethane
Concen: 0.700 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 94 Resp: 675

Ion	Ratio	Lower	Upper
94	100		
96	62.2	75.5	113.3#

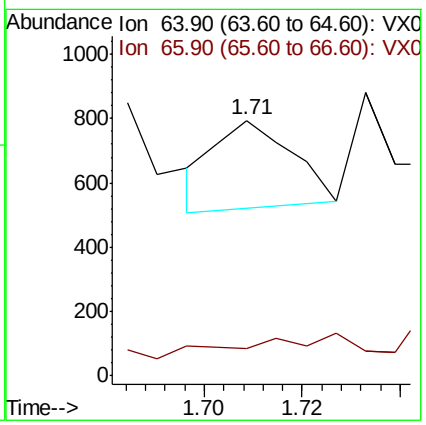


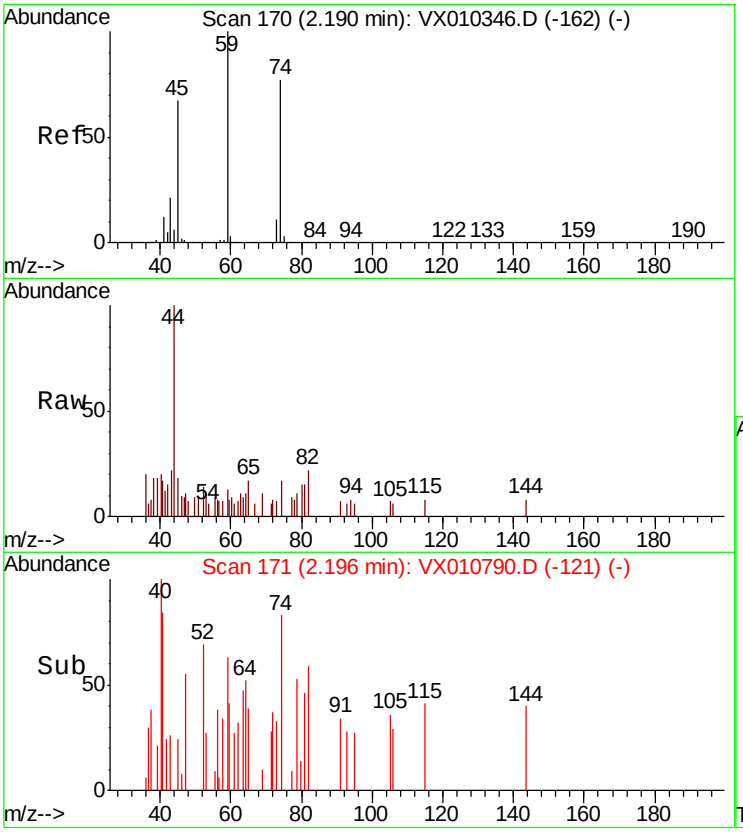


#6
Chloroethane
Concen: 0.260 ug/l
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 64 Resp: 303

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



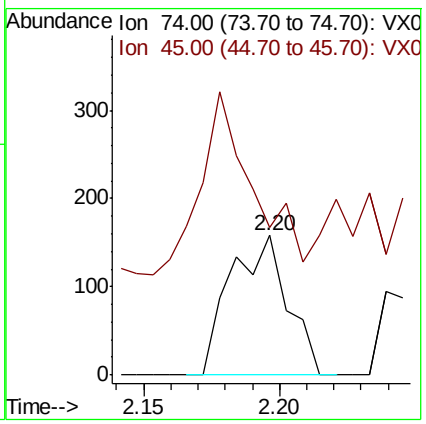


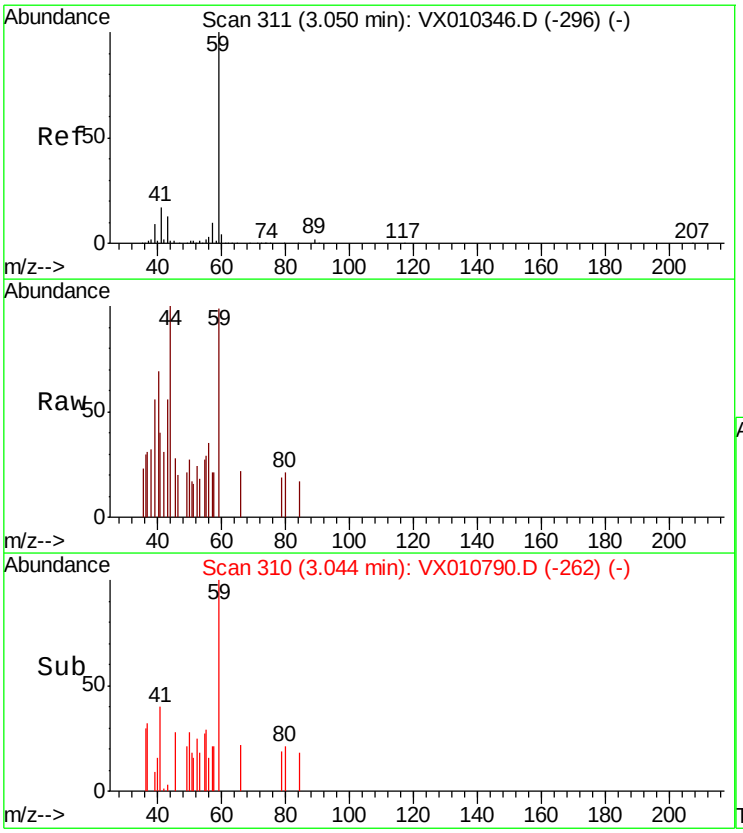
#8
Diethyl Ether
Concen: 0.204 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 74 Resp: 230

Ion	Ratio	Lower	Upper
74	100		
45	122.6	44.8	134.4

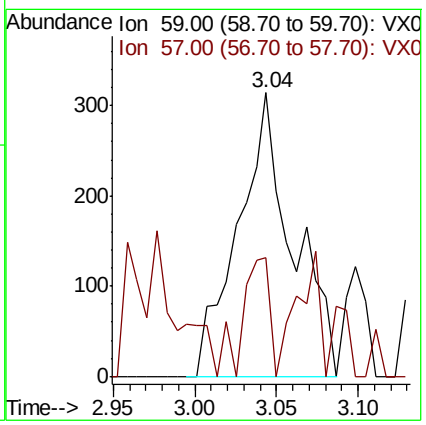


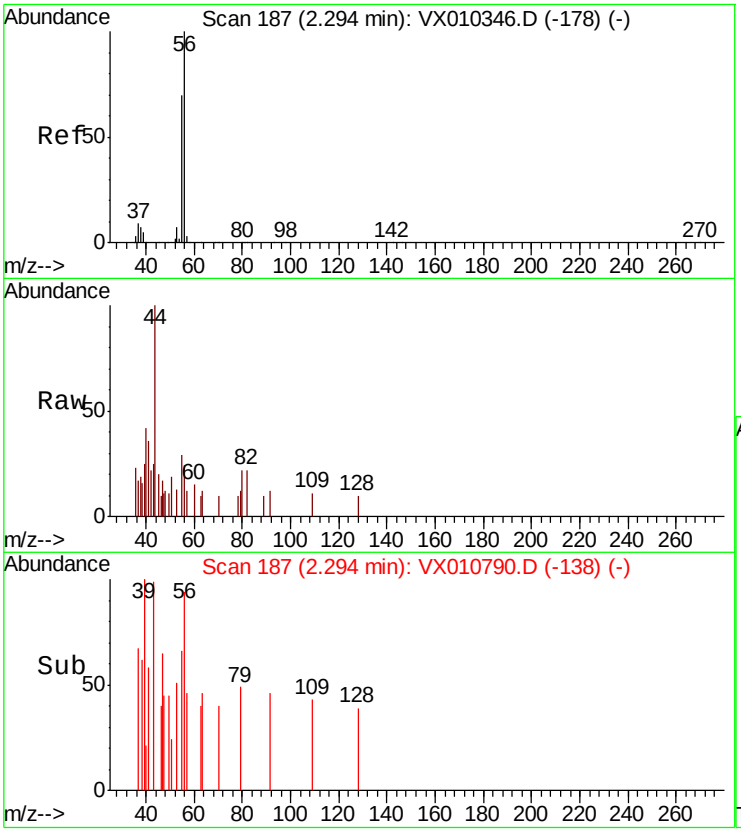


#11
Tert butyl alcohol
Concen: 1.335 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 59 Resp: 731

Ion	Ratio	Lower	Upper
59	100		
57	21.2	7.7	11.5#



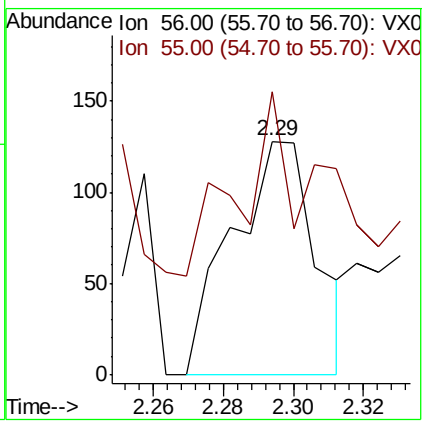


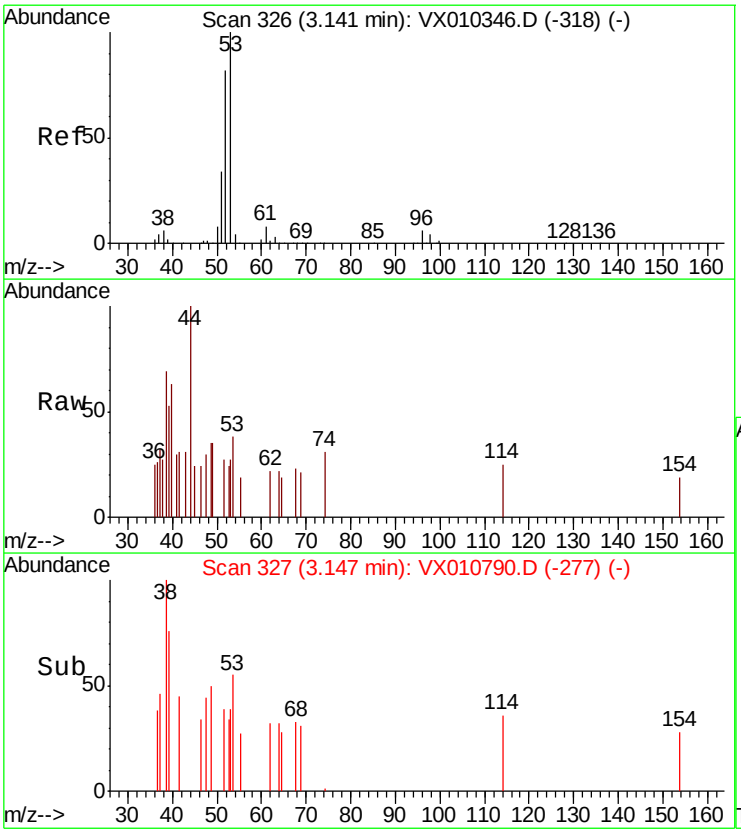
#13
Acrolein
Concen: 0.586 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
55	169.0	56.9	85.3#

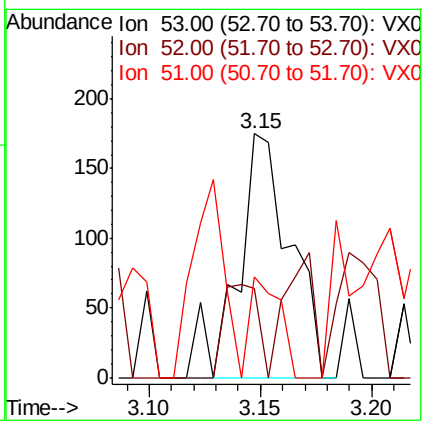


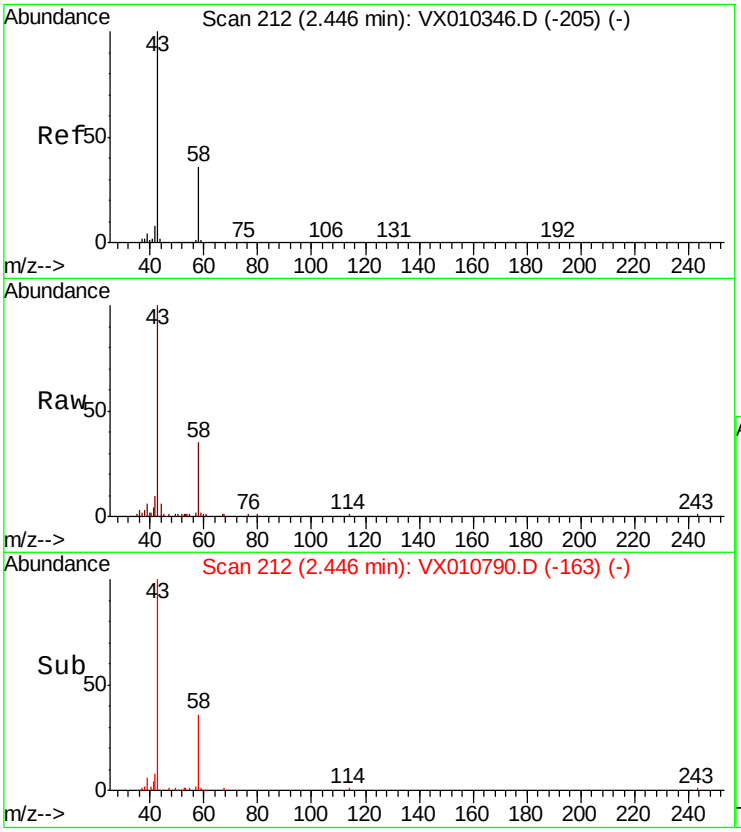


#15
Acrylonitrile
Concen: 0.267 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 53 Resp: 289

Ion	Ratio	Lower	Upper
53	100		
52	24.9	65.5	98.3#
51	0.0	28.2	42.4#



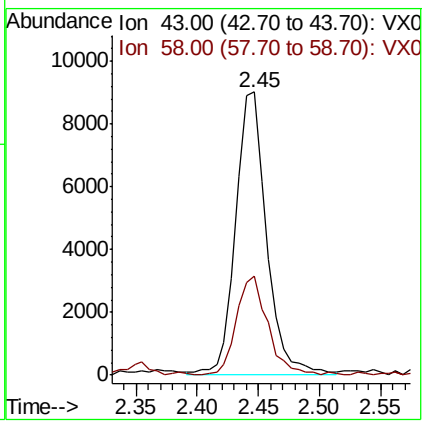


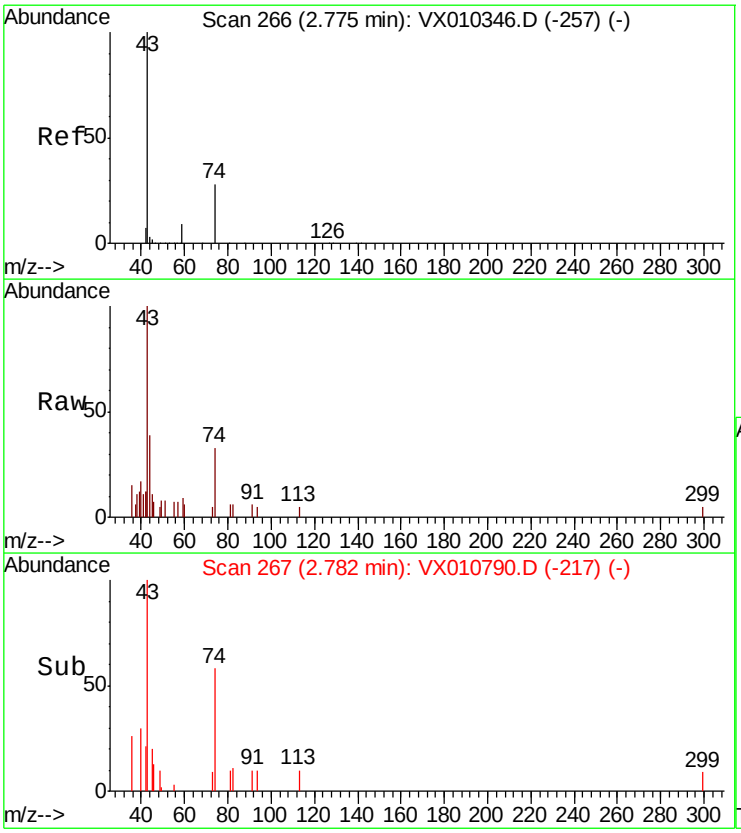
#16
Acetone
Concen: 15.137 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 43 Resp: 15875

Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.9	43.3

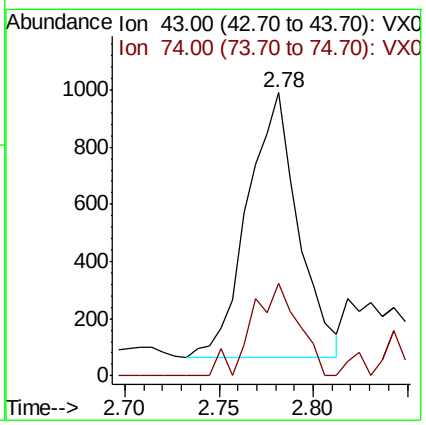


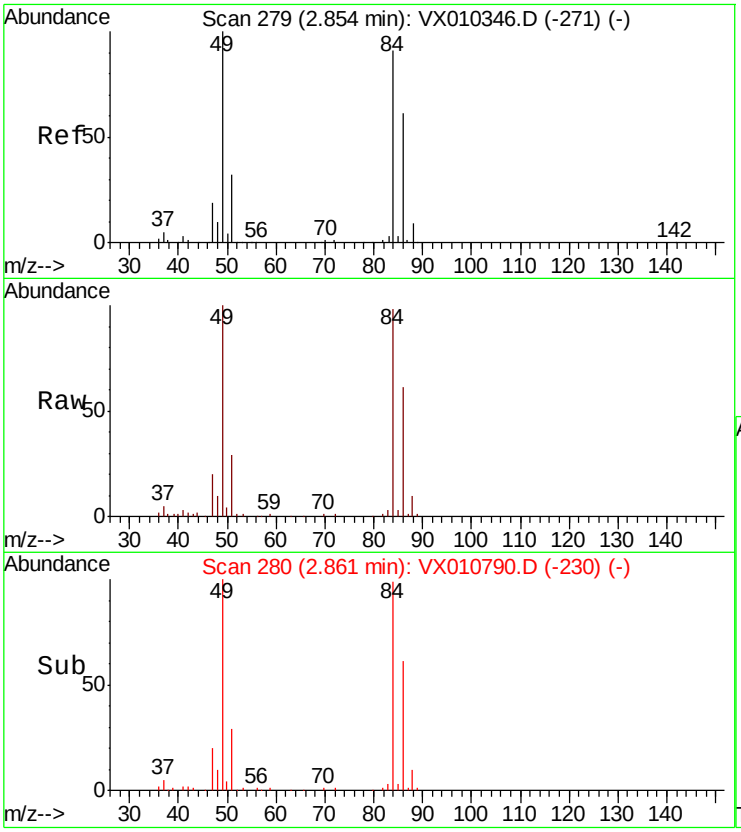


#18
Methyl Acetate
Concen: 0.823 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 43 Resp: 1721

Ion	Ratio	Lower	Upper
43	100		
74	32.4	21.3	31.9#



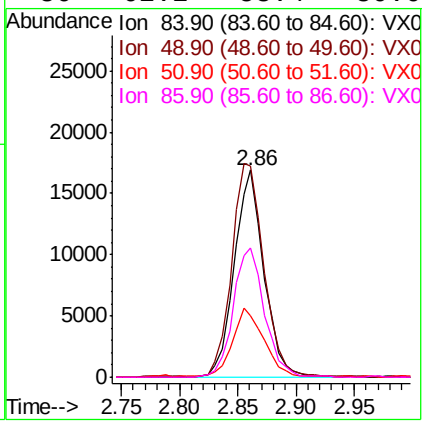


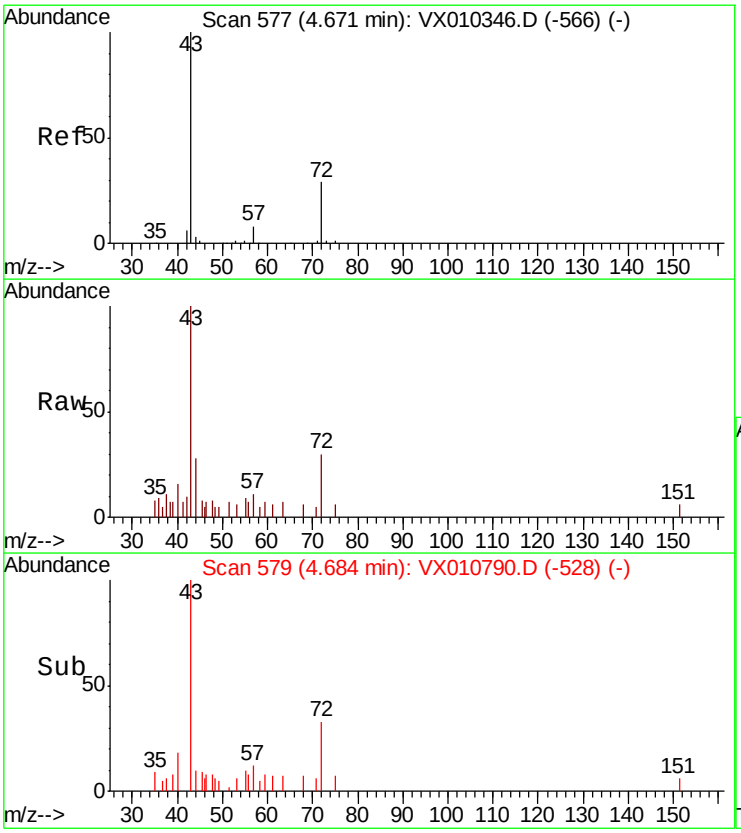
#20
Methylene Chloride
Concen: 13.936 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 84 Resp: 30078

Ion	Ratio	Lower	Upper
84	100		
49	101.8	87.5	131.3
51	29.7	27.7	41.5
86	62.2	53.4	80.0

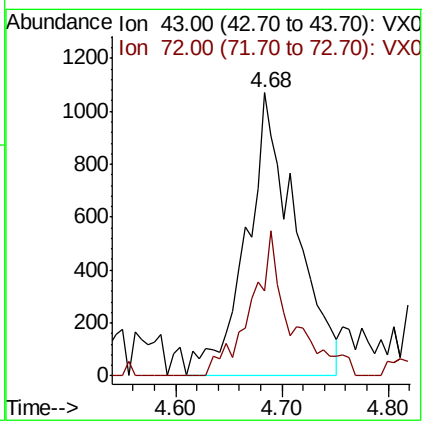


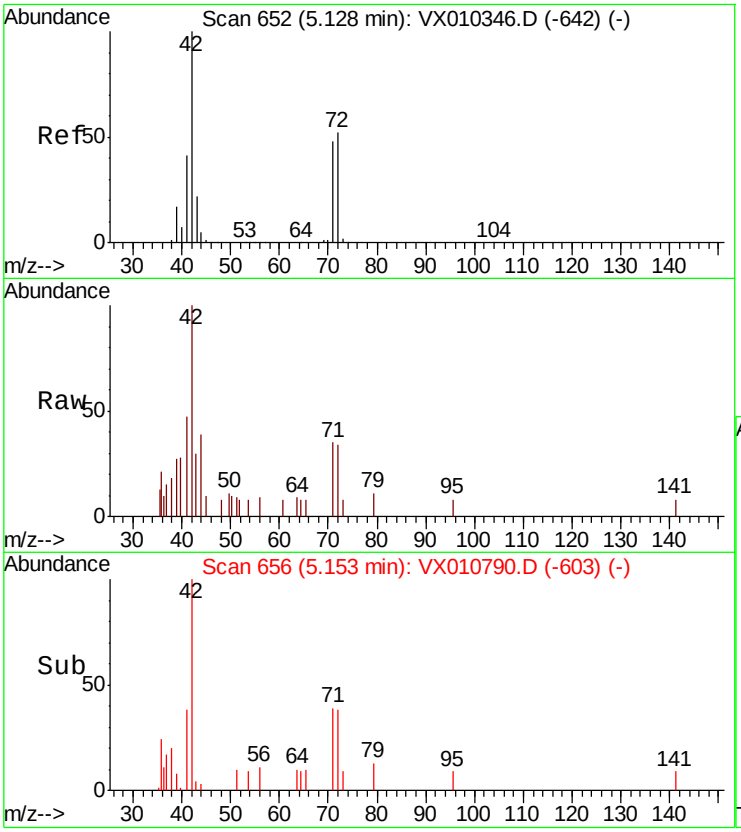


#25
2-Butanone
Concen: 2.236 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 43 Resp: 3440

Ion	Ratio	Lower	Upper
43	100		
72	29.9	23.3	34.9



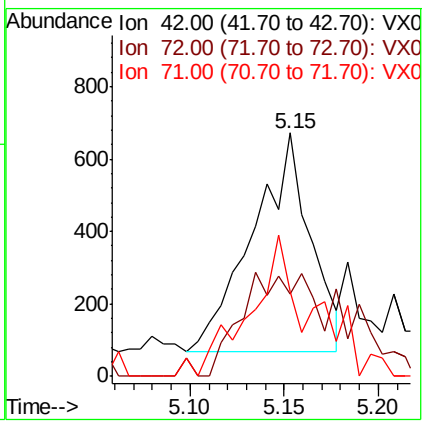


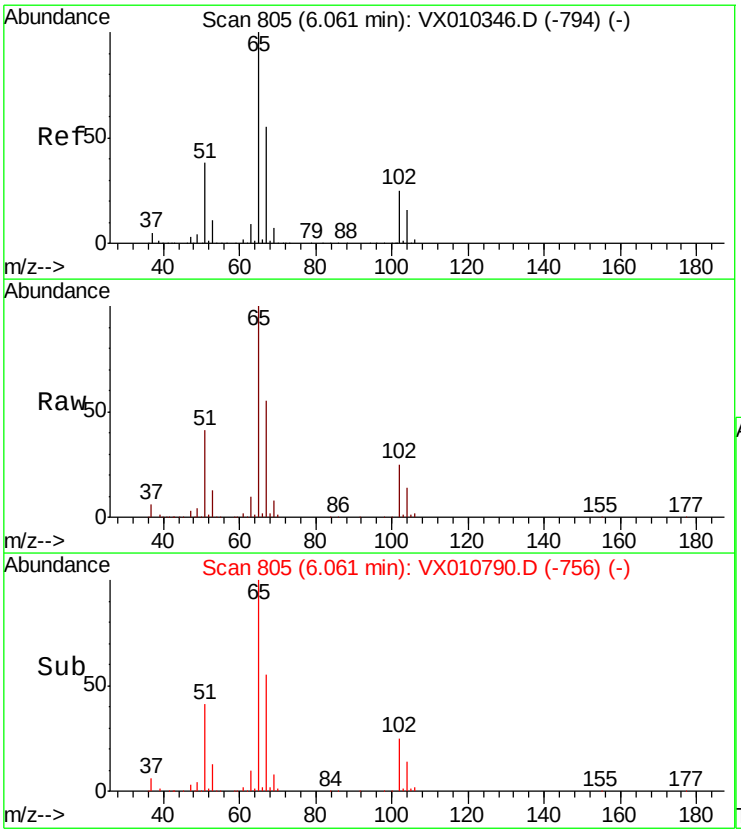
#29
Tetrahydrofuran
Concen: 1.347 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 42 Resp: 1284

Ion	Ratio	Lower	Upper
42	100		
72	58.0	40.6	60.8
71	48.1	37.8	56.8

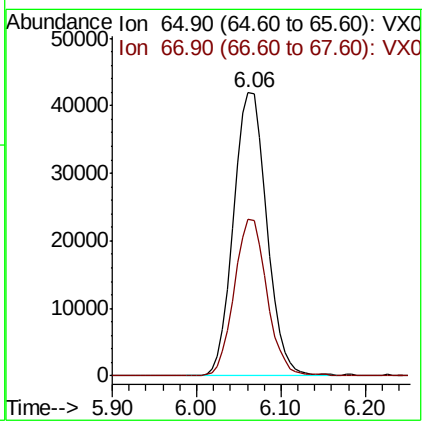


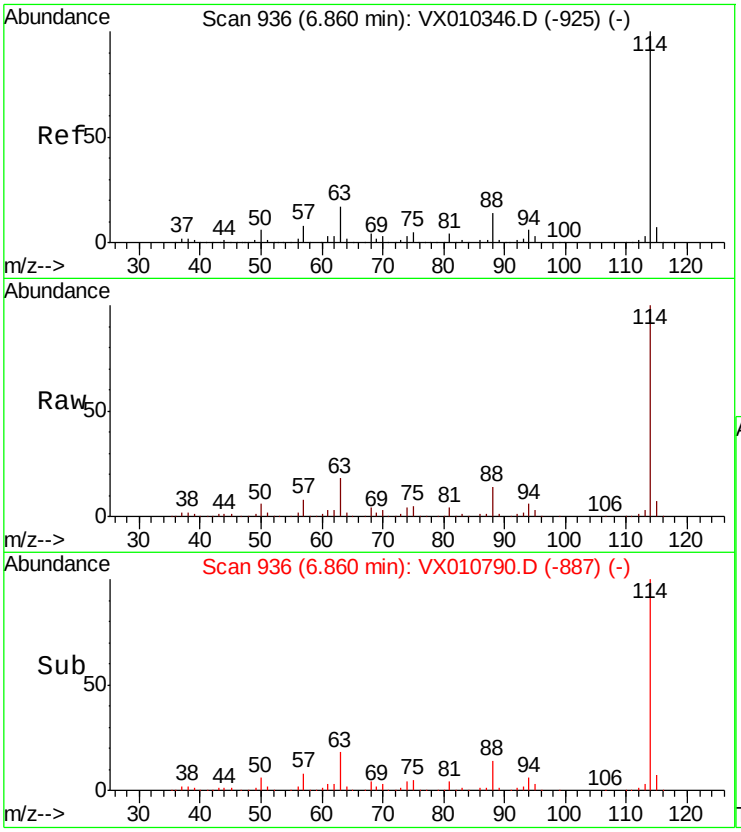


#33
1,2-Dichloroethane-d4
Concen: 53.587 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 65 Resp: 112140

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2



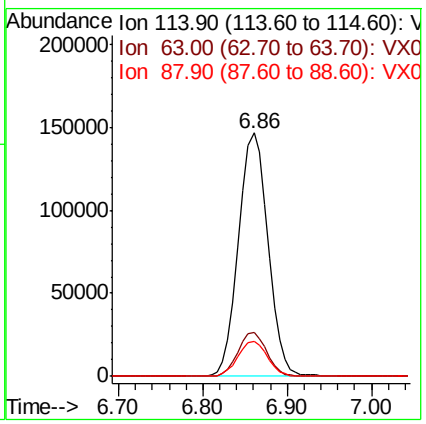


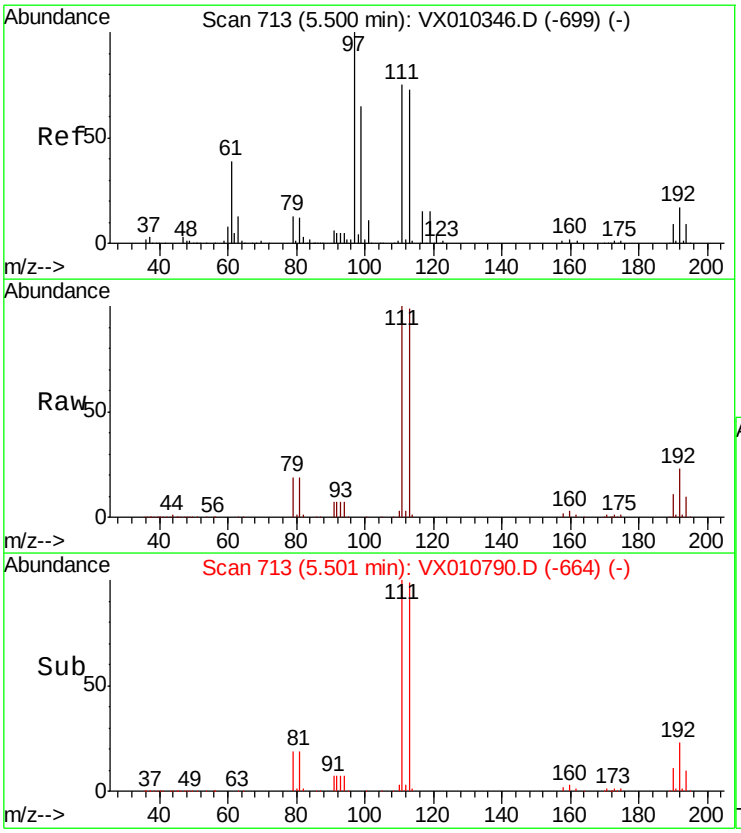
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion:114 Resp: 346953

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	33.8
88	14.4	0.0	27.6

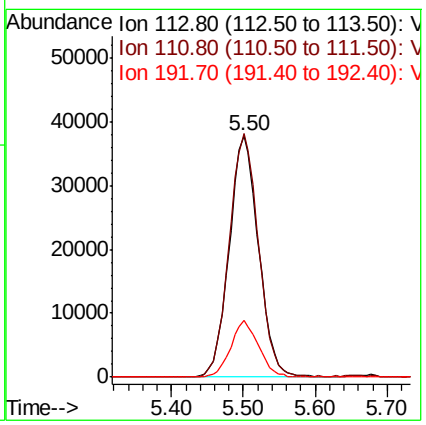


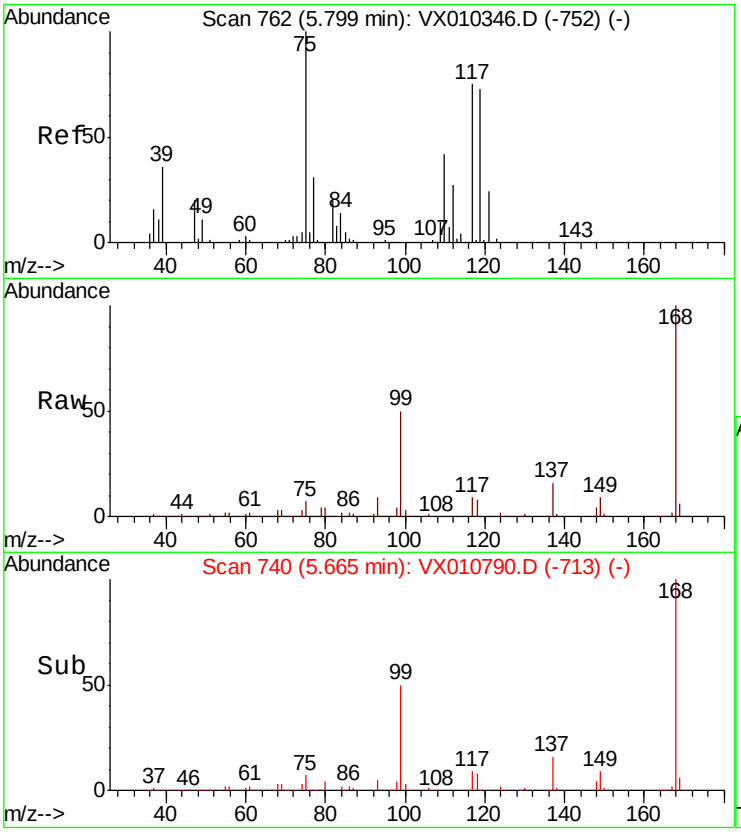


#35
Dibromofluoromethane
Concen: 50.212 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion:113 Resp: 106590

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.2	121.8
192	22.4	18.6	27.8



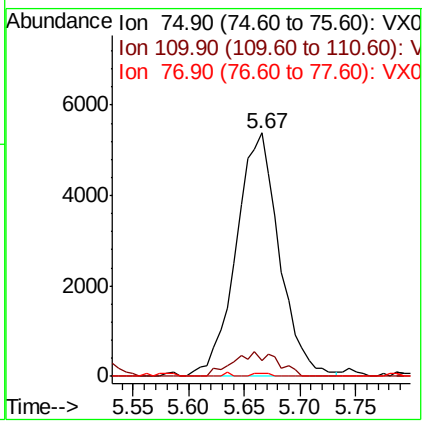


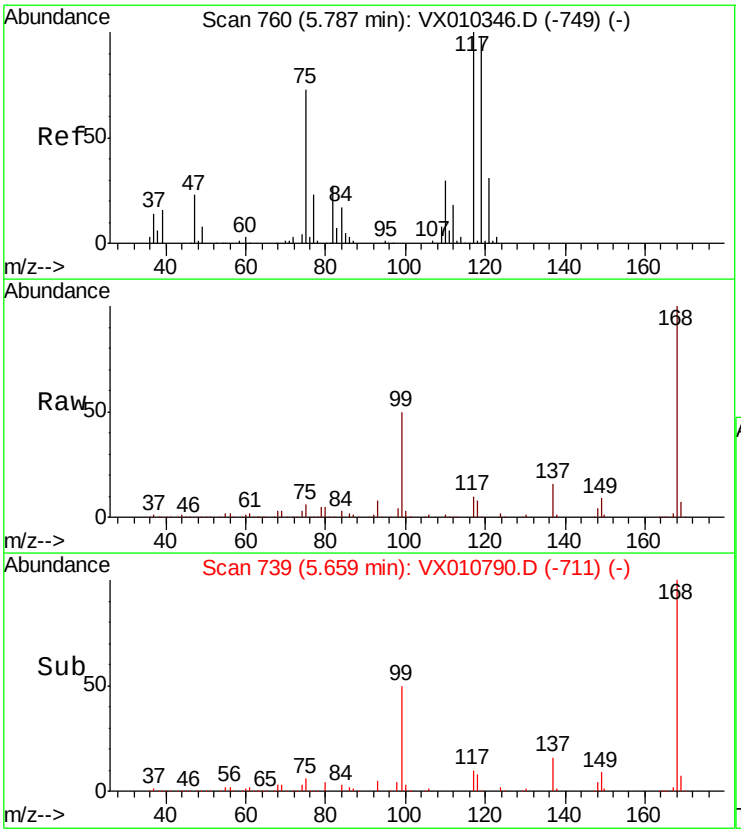
#36
1,1-Dichloropropene
Concen: 5.262 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 75 Resp: 14509

Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.4	25.4	38.0#

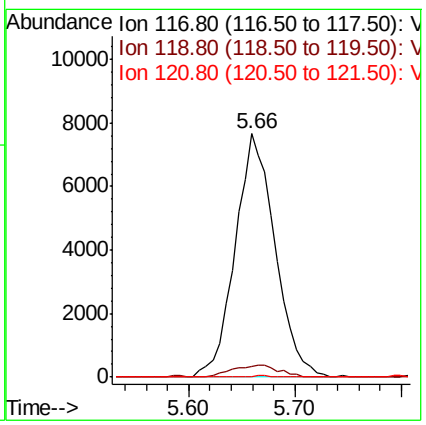


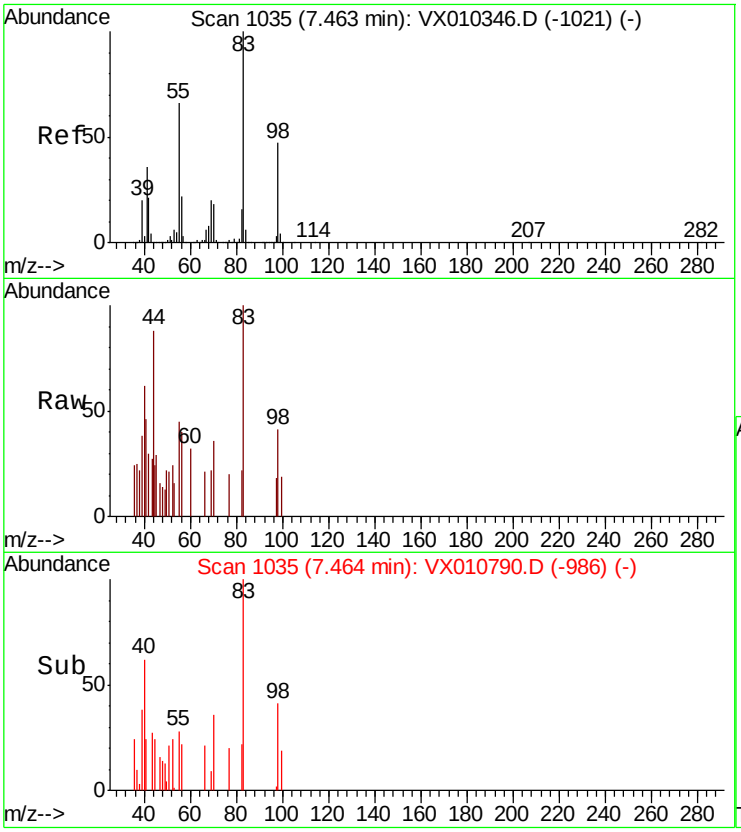


#38
Carbon Tetrachloride
Concen: 6.731 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion:117 Resp: 20096

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.2	117.4#
121	0.0	24.7	37.1#



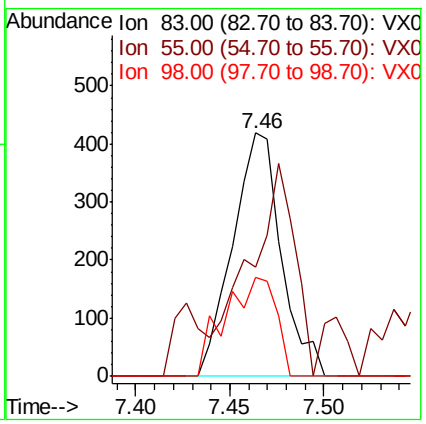


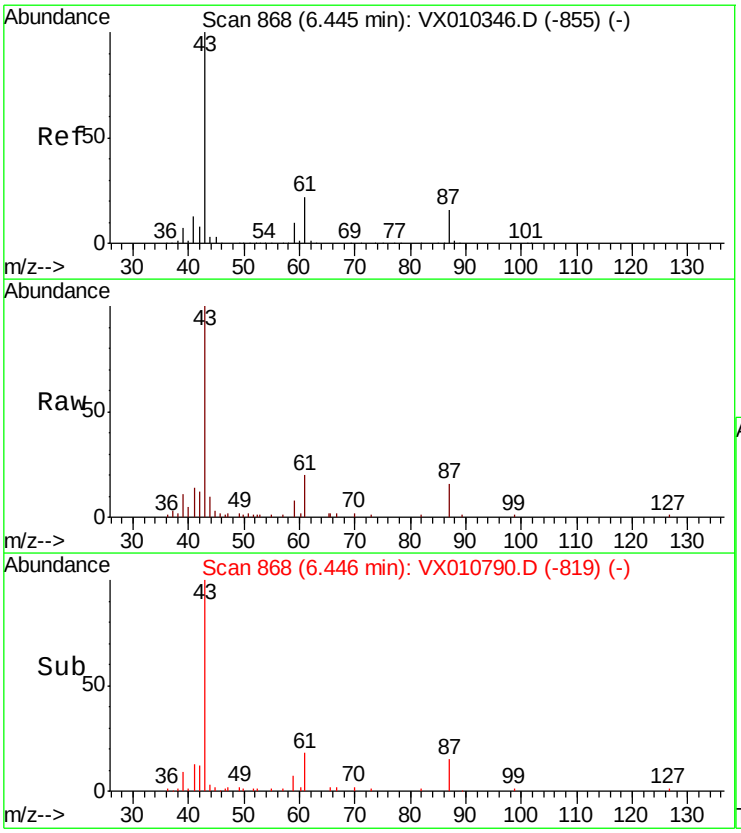
#39
Methylcyclohexane
Concen: 0.207 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 83 Resp: 750

Ion	Ratio	Lower	Upper
83	100		
55	20.3	53.0	79.6#
98	40.6	37.8	56.8

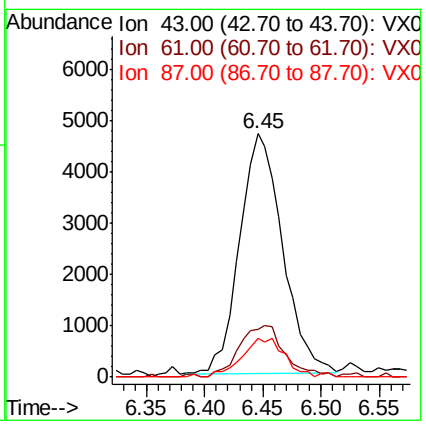


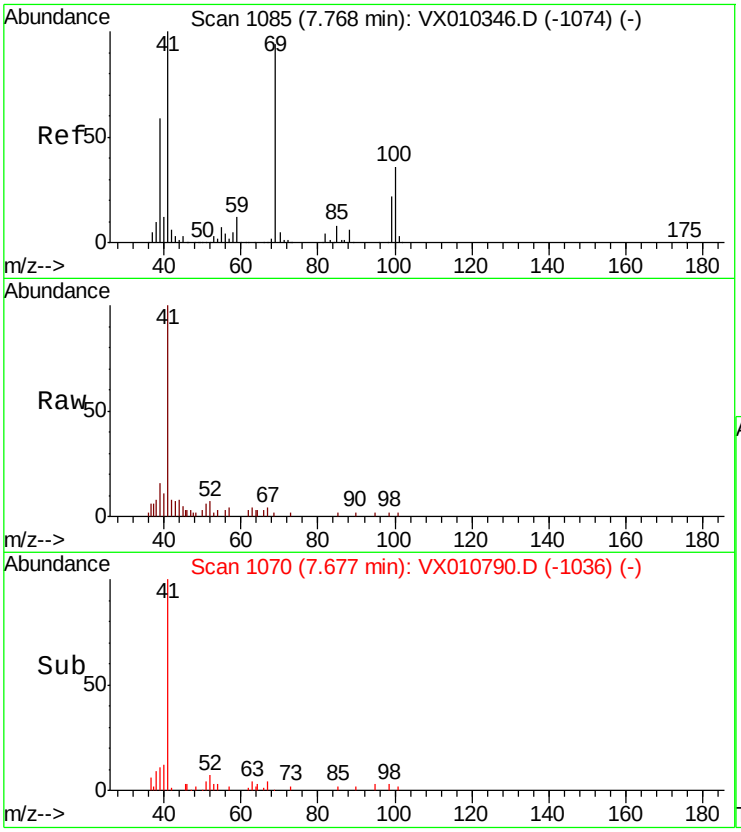


#43
Isopropyl Acetate
Concen: 2.575 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 43 Resp: 12083

Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.8	26.6
87	15.9	13.0	19.4



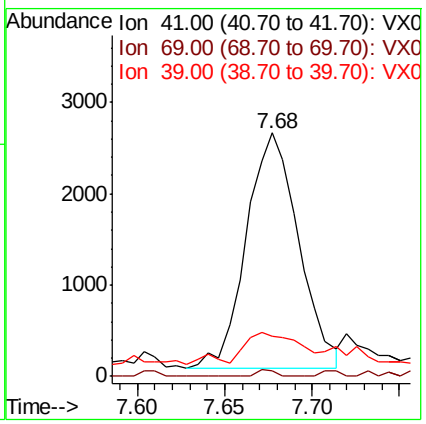


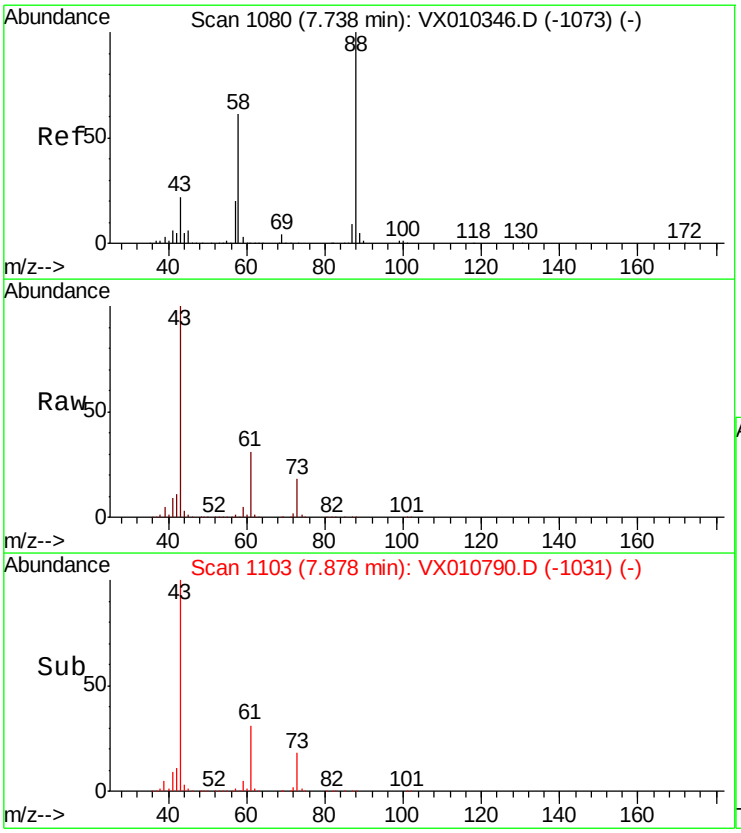
#48
Methyl methacrylate
Concen: 2.456 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument : MSVOA_X
ClientSampleId : SU-02-070919-A

Tgt Ion: 41 Resp: 5357

Ion	Ratio	Lower	Upper
41	100		
69	0.9	76.1	114.1#
39	0.0	47.6	71.4#

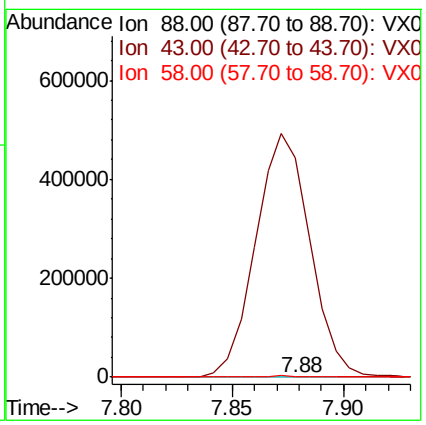


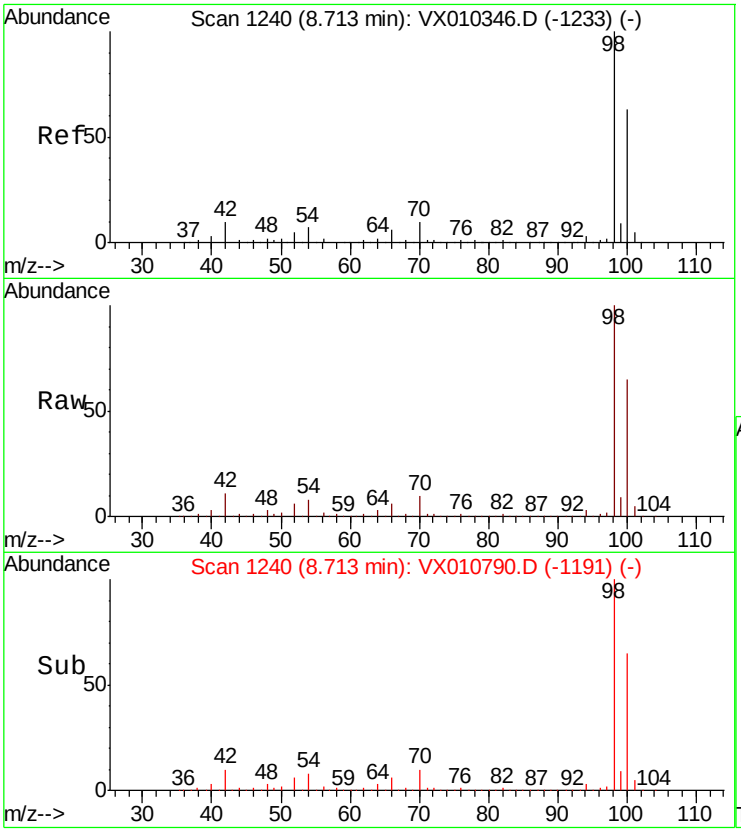


#49
1,4-Dioxane
Concen: 3.931 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.14 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	339090.7	20.2	30.2#
58	1707.3	49.5	74.3#



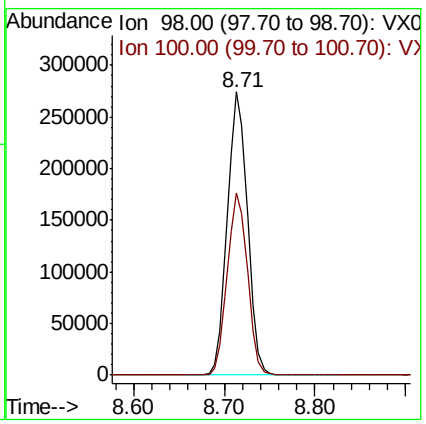


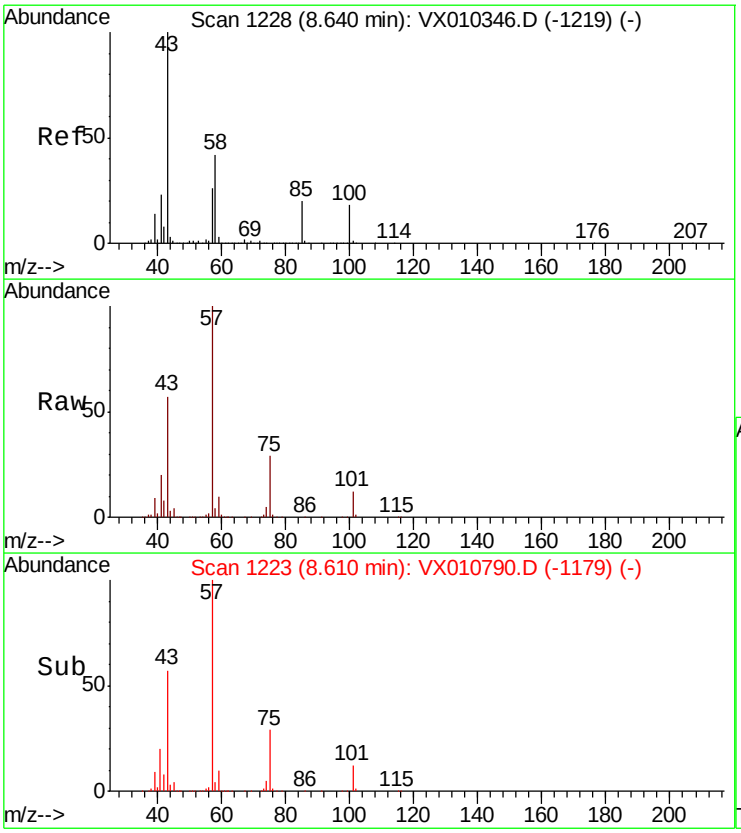
#50
Toluene-d8
Concen: 52.272 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 98 Resp: 424516

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4

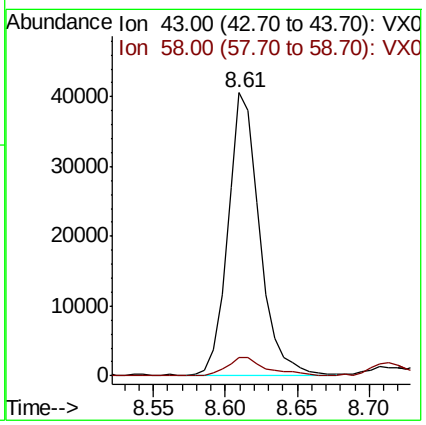


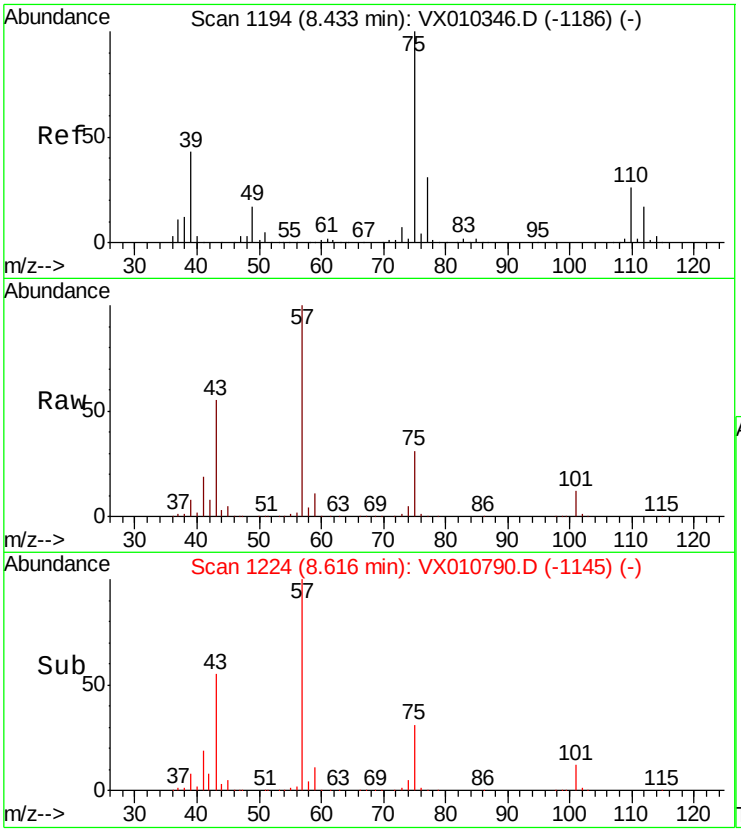


#51
4-Methyl-2-Pentanone
Concen: 20.622 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 43 Resp: 61894

Ion	Ratio	Lower	Upper
43	100		
58	8.3	33.5	50.3#



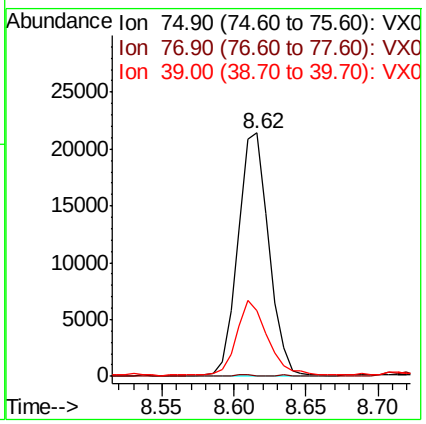


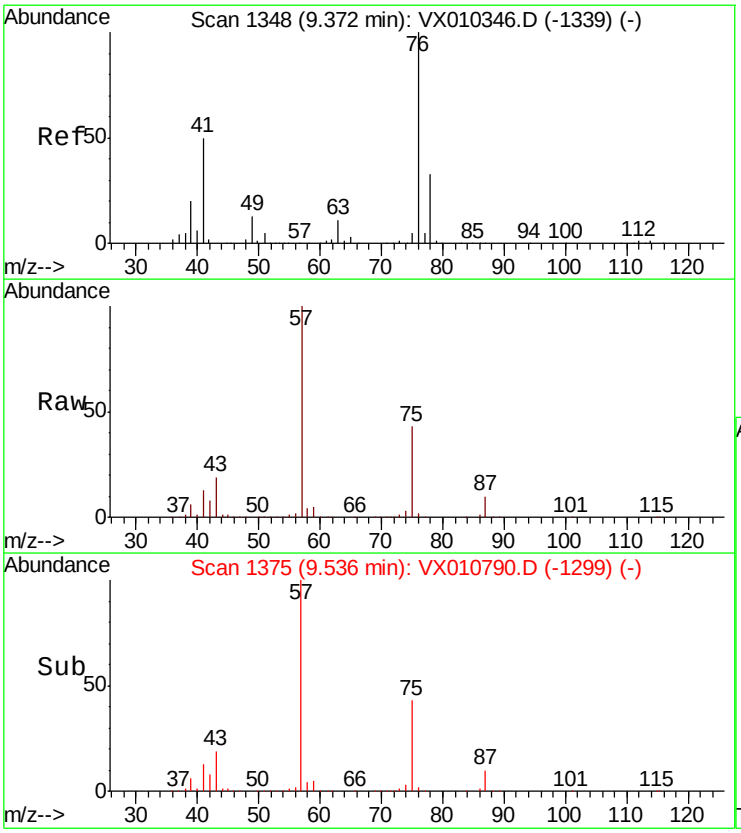
#54
cis-1,3-Dichloropropene
Concen: 9.178 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 75 Resp: 31891

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.2	37.8#
39	26.7	34.5	51.7#

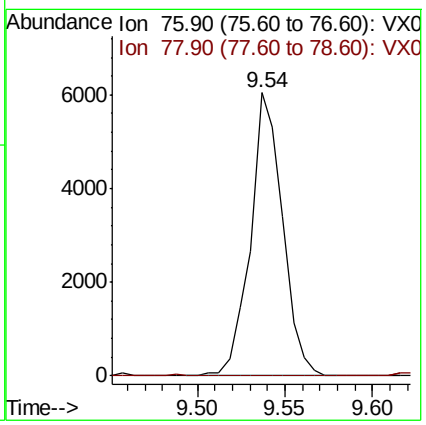


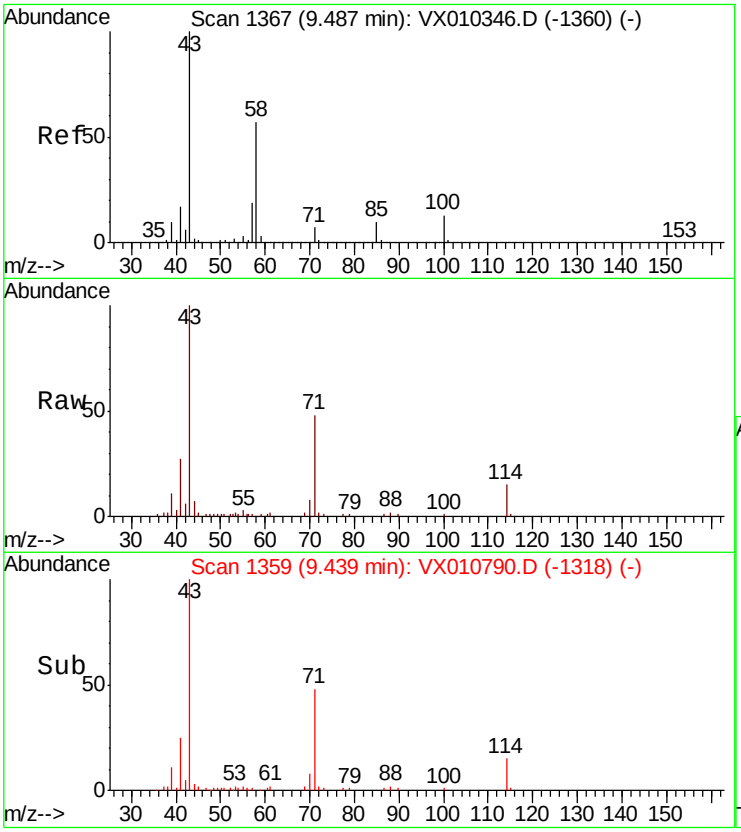


#57
1,3-Dichloropropane
Concen: 2.122 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.16 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 76 Resp: 7685

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



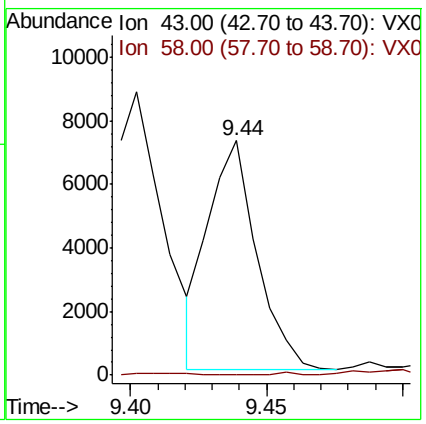


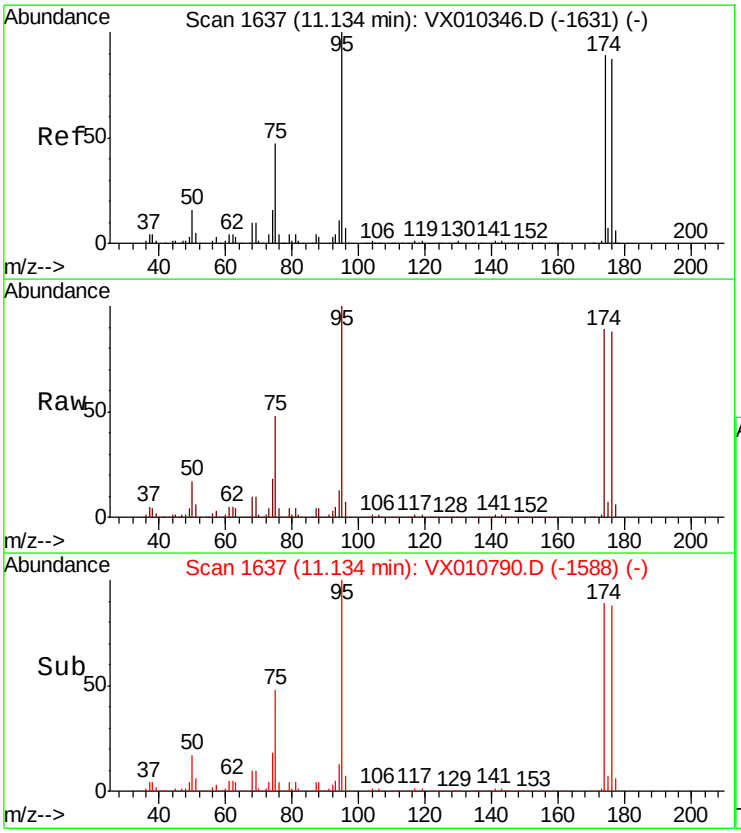
#59
2-Hexanone
Concen: 3.801 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 43 Resp: 8979

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.1#

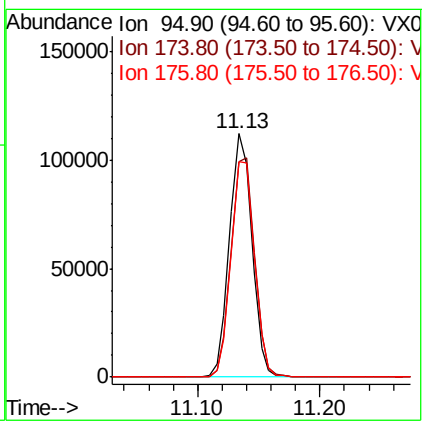


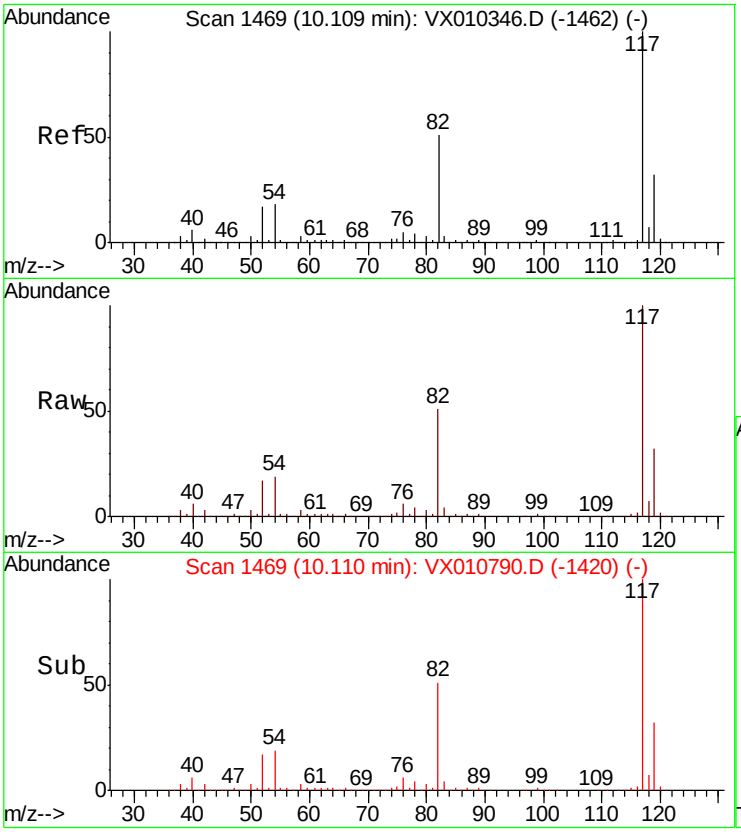


#62
4-Bromofluorobenzene
Concen: 48.576 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion: 95 Resp: 142426

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	187.6
176	92.0	0.0	184.0



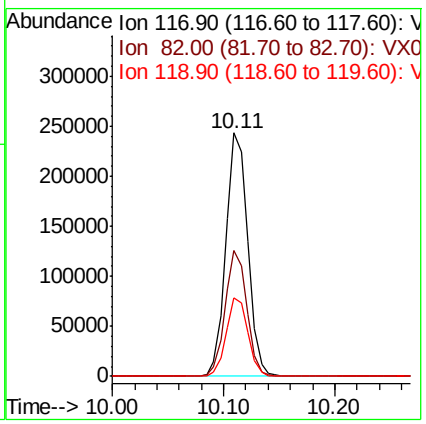


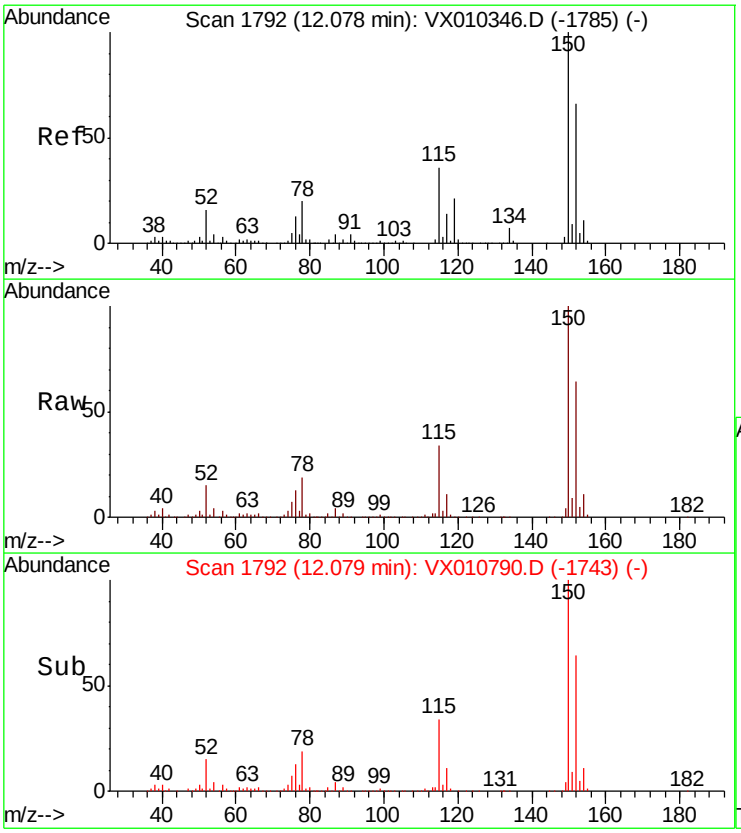
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument : MSVOA_X
ClientSampleId : SU-02-070919-A

Tgt Ion:117 Resp: 331255

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.2	61.8
119	32.3	25.5	38.3

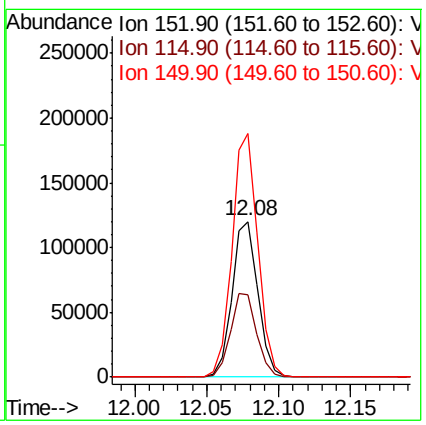


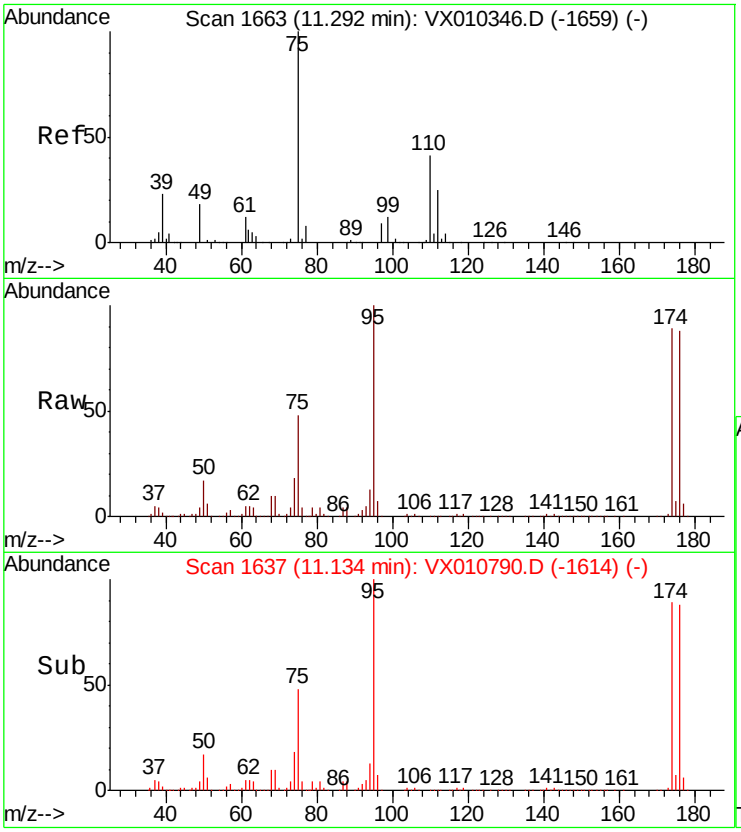


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion:152 Resp: 150447

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	156.3	0.0	347.4



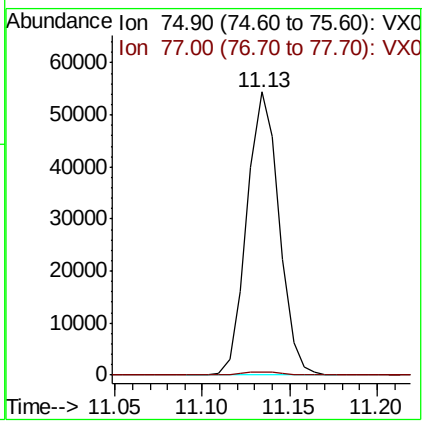


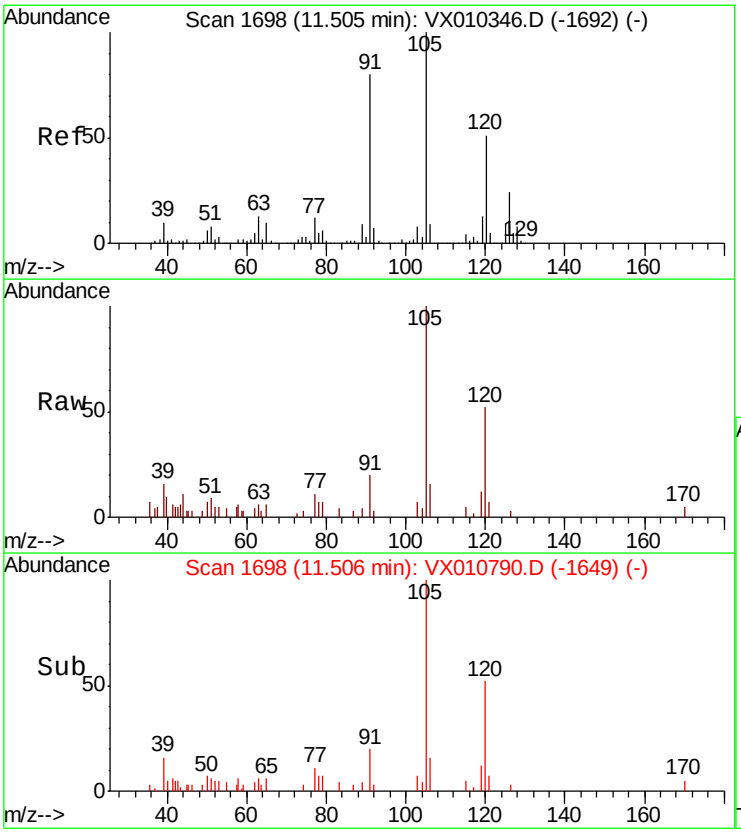
#76
1,2,3-Trichloropropane
Concen: 25.440 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 75 Resp: 69745

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.6	67.8#

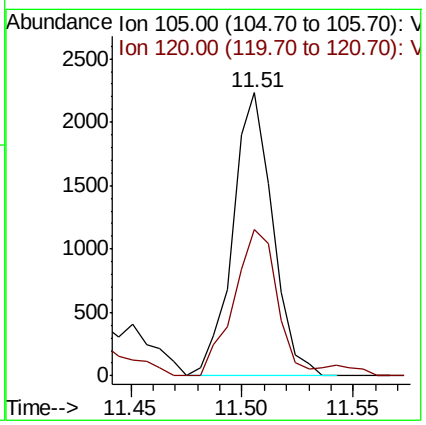


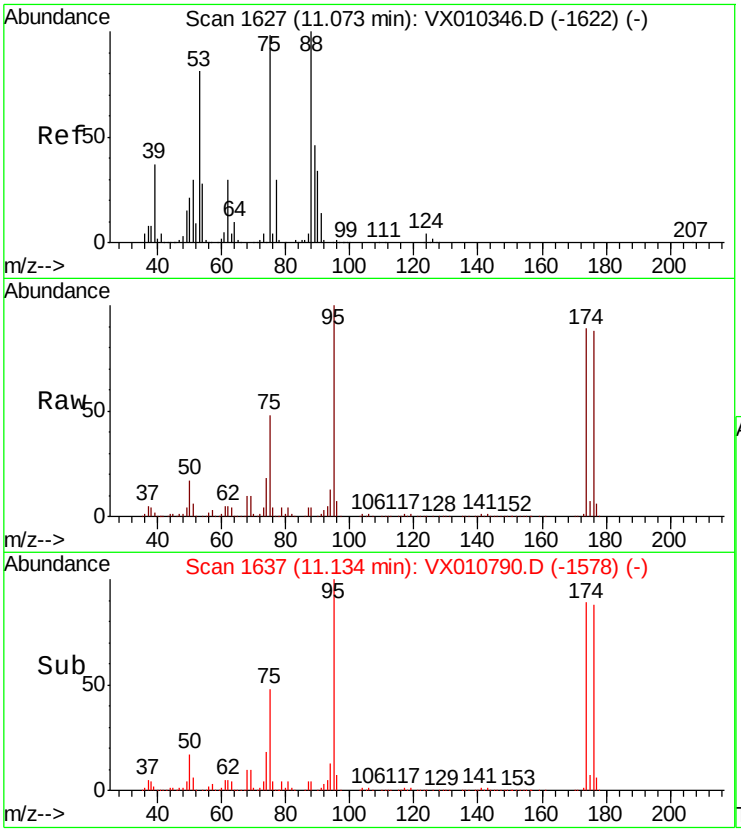


#80
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion:105 Resp: 2792

Ion	Ratio	Lower	Upper
105	100		
120	56.8	25.2	75.6



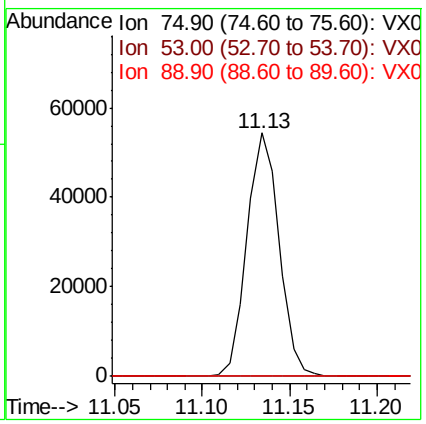


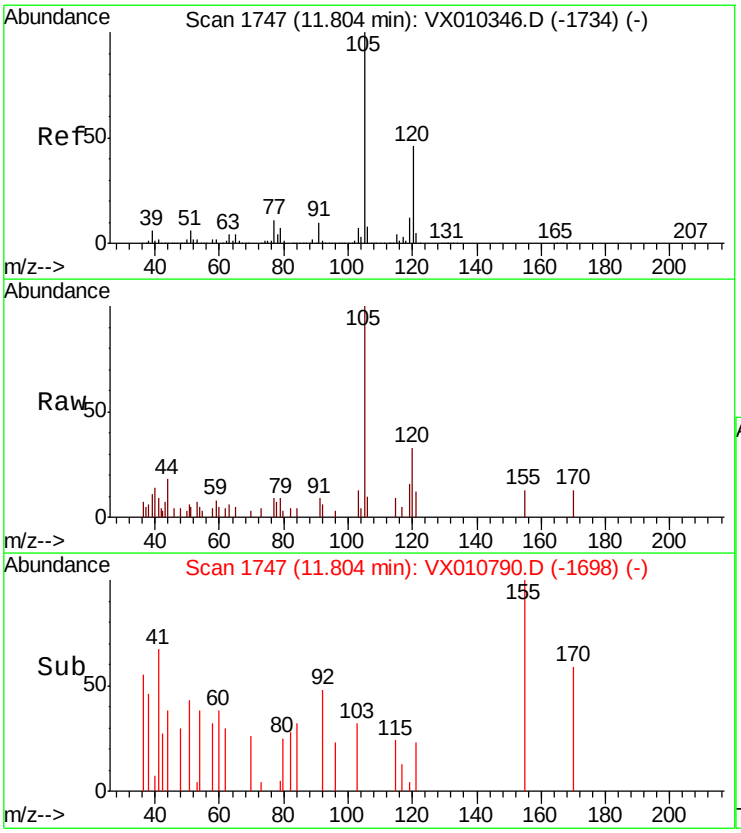
#81
trans-1,4-Dichloro-2-butene
Concen: 59.349 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion: 75 Resp: 69745

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#

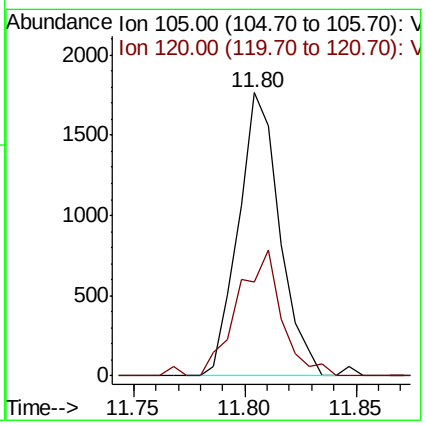


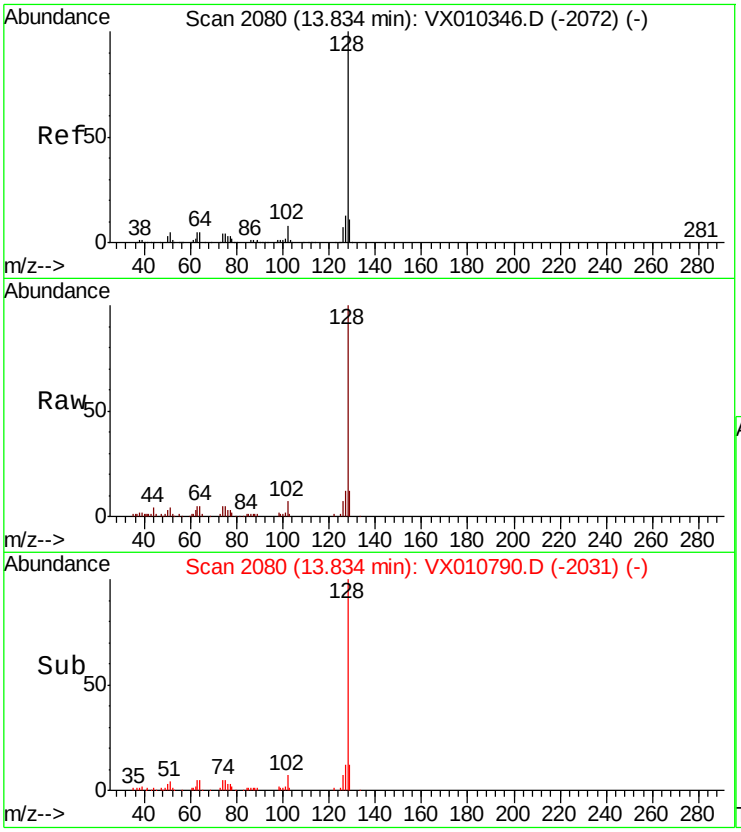


#84
1,2,4-Trimethylbenzene
Concen: 0.271 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Tgt Ion:105 Resp: 2288

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.1	69.2





#95
Naphthalene
Concen: 1.693 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010790.D
Acq: 10 Jul 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
SU-02-070919-A

Tgt Ion:128 Resp: 17826

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.2	8.9	13.3