Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009620.D
Acq On : 16 May 2019 20:15
Operator : JC/SP
Sample : K2637-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-06-051519-A

Quant Time: May 17 06:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112850	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.30%			
35) Dibromofluoromethane	5.50	113	81807	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
50) Toluene-d8	8.71	98	341140	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
62) 4-Bromofluorobenzene	11.13	95	105807	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.48%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.05	59	1205	2.267	ug/l #	93
13) Acrolein	2.32	56	120	0.249	ug/l #	4
16) Acetone	2.44	43	16109	13.067	ug/l	98
18) Methyl Acetate	2.78	43	6628	2.261	ug/l	100
20) Methylene Chloride	2.86	84	3435	1.721	ug/l	95
25) 2-Butanone	4.69	43	2895	1.511	ug/l	91
28) Bromochloromethane	5.01	49	65	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	1524	1.236	ug/l #	76
36) 1,1-Dichloropropene	5.67	75	13146	5.269	ug/l #	51
38) Carbon Tetrachloride	5.66	117	15664	6.911	ug/l #	17
43) Isopropyl Acetate	6.45	43	11722	2.108	ug/l	96
48) Methyl methacrylate	7.68	41	7348	2.664	ug/l #	18
49) 1,4-Dioxane	7.77	88	22	0.393	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	87336	24.032	ug/l #	51
52) Toluene	8.79	92	2515	0.536	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	36979	11.685	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	8578	2.546	ug/l #	43
59) 2-Hexanone	9.44	43	12387	4.340	ug/l #	26
68) m/p-Xylenes	10.37	106	728	0.232	ug/l	73
69) o-Xylene	10.70	106	754	0.243	ug/l	93
74) N-amyl acetate	10.69	43	12625	3.292	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	54295	25.875	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2798	0.505	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	54295	66.206	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	2376	0.427	ug/l	100
95) Naphthalene	13.83	128	8219	1.246	ug/l	99

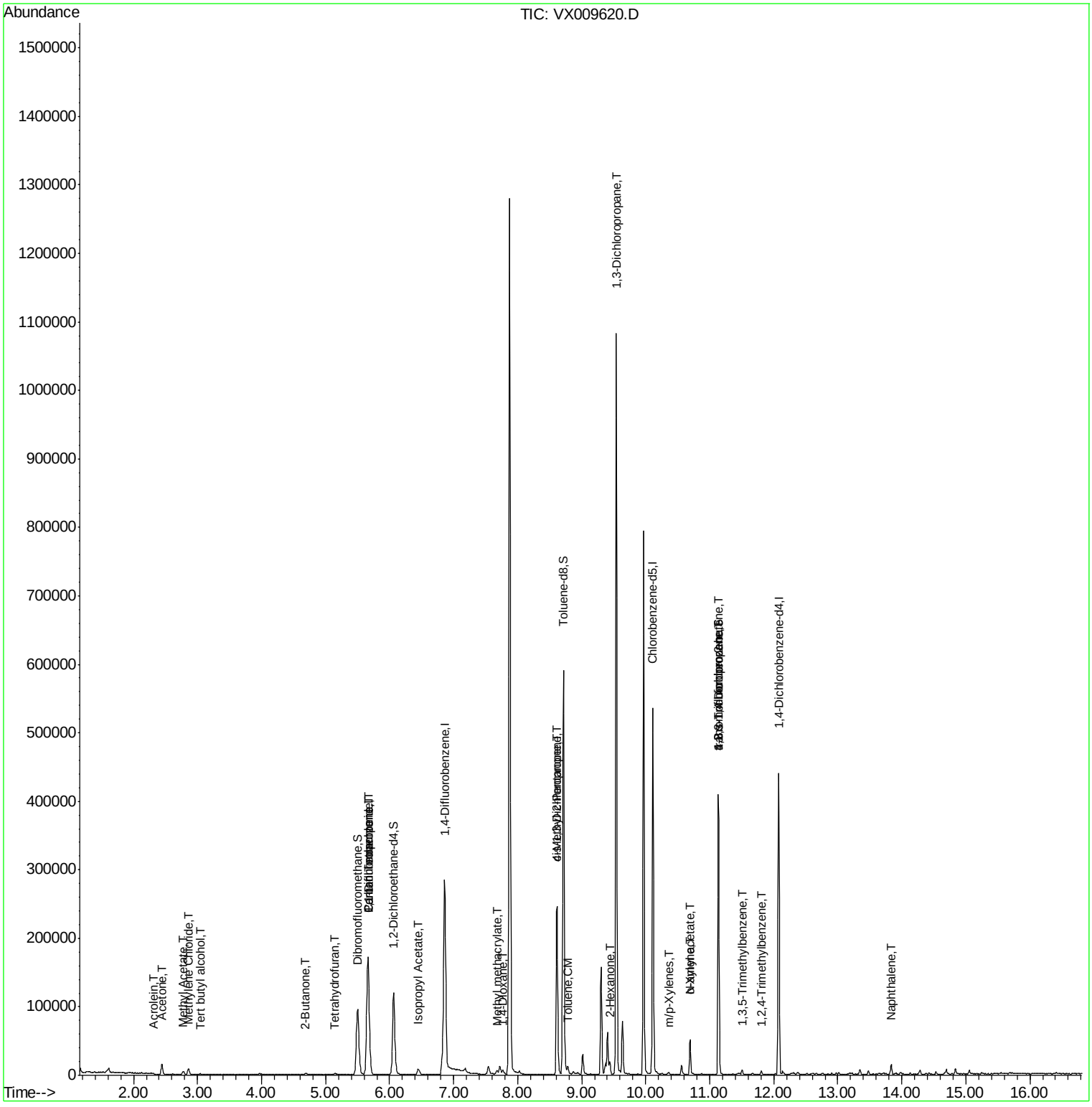
(#) = qualifier out of range (m) = manual integration (+) = signals summed

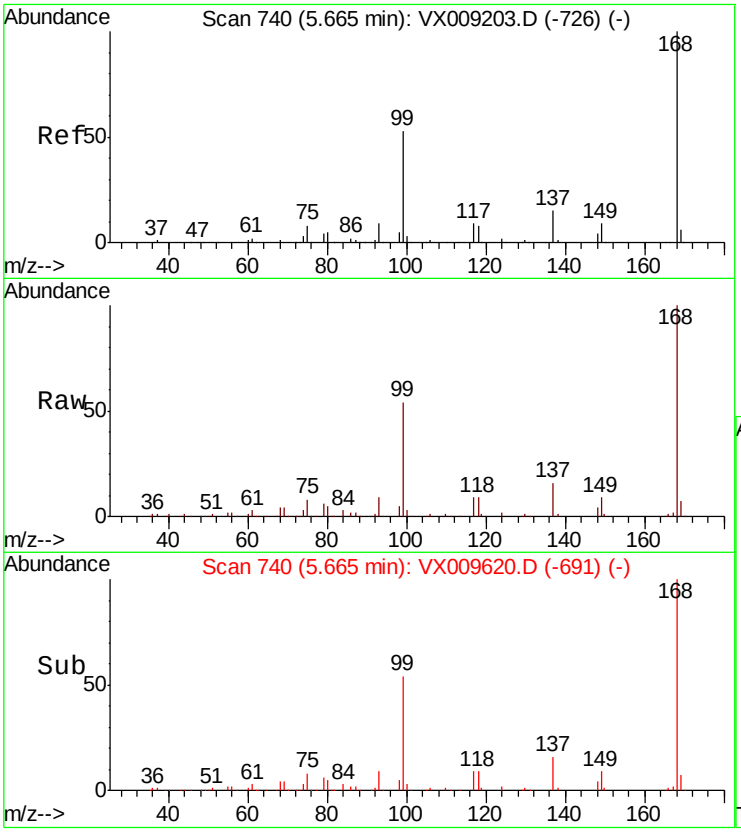
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009620.D
Acq On : 16 May 2019 20:15
Operator : JC/SP
Sample : K2637-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-06-051519-A

Quant Time: May 17 06:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



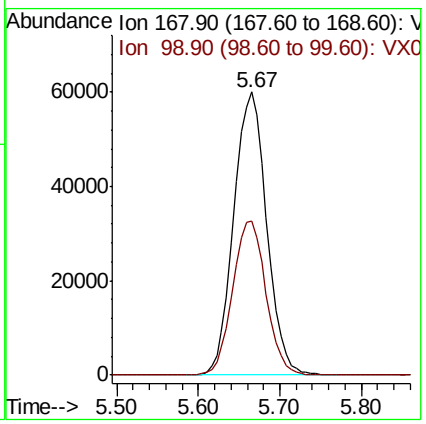


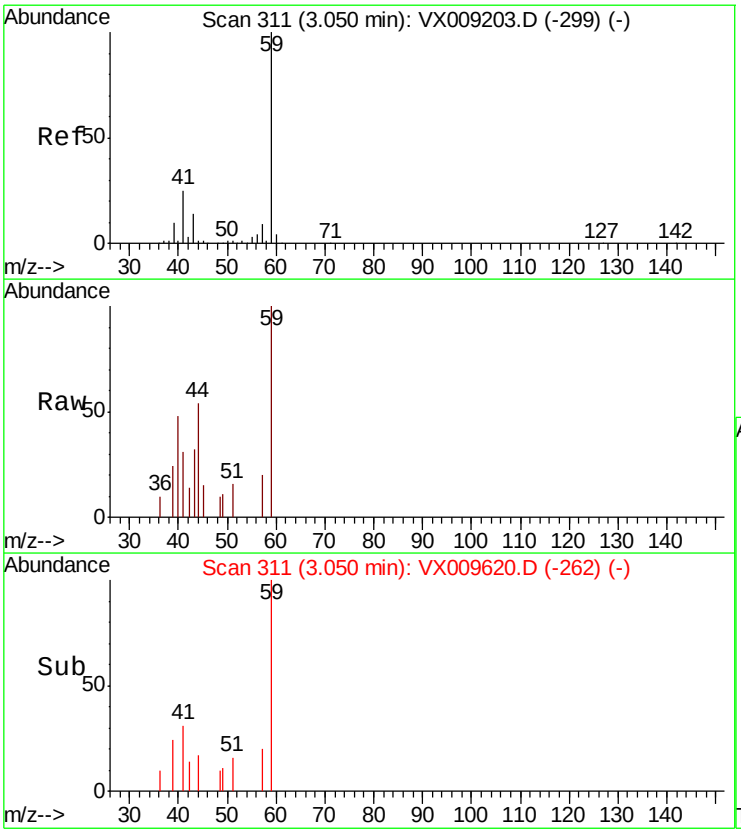
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:168 Resp: 168178

Ion	Ratio	Lower	Upper
168	100		
99	54.2	42.3	63.5

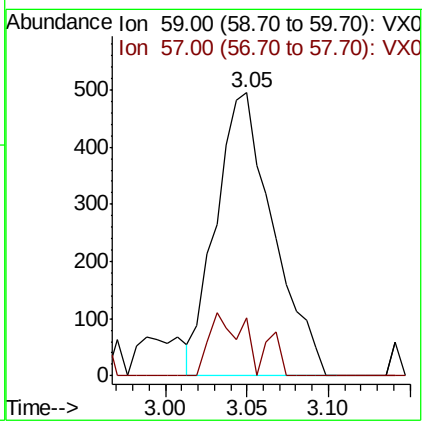


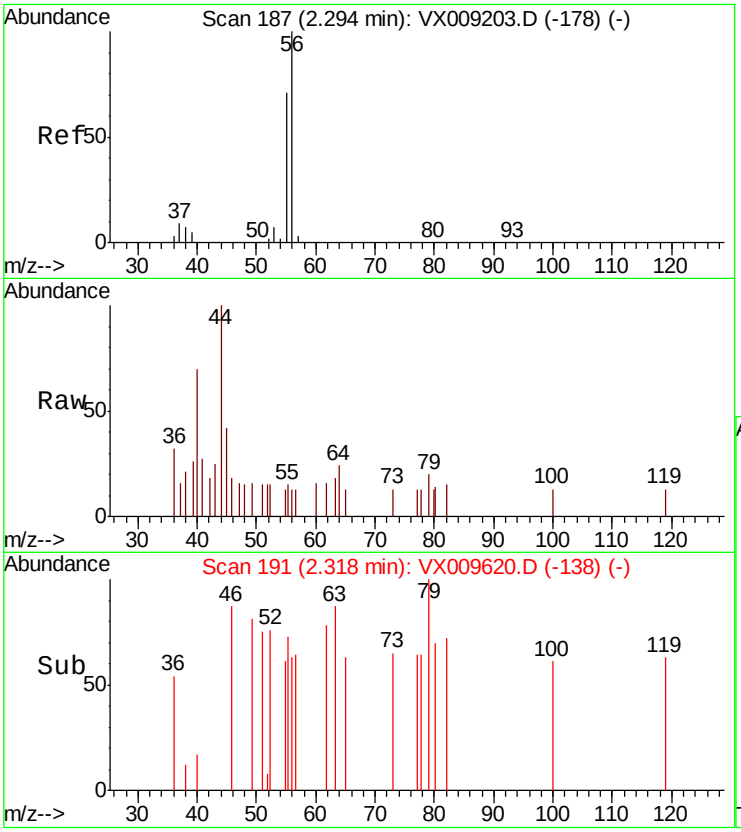


#11
Tert butyl alcohol
Concen: 2.267 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 59 Resp: 1205

Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.2	12.2#



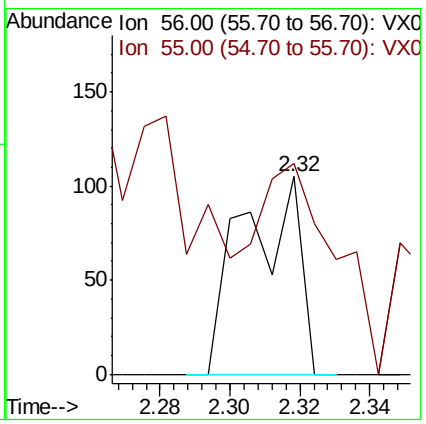


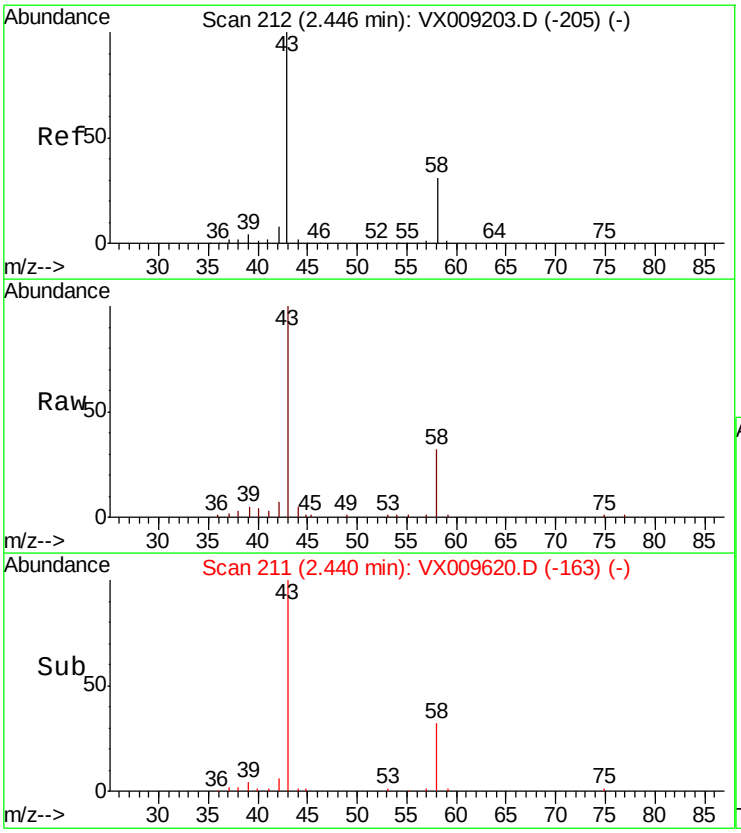
#13
Acrolein
Concen: 0.249 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 56 Resp: 120

Ion	Ratio	Lower	Upper
56	100		
55	150.0	56.6	85.0#

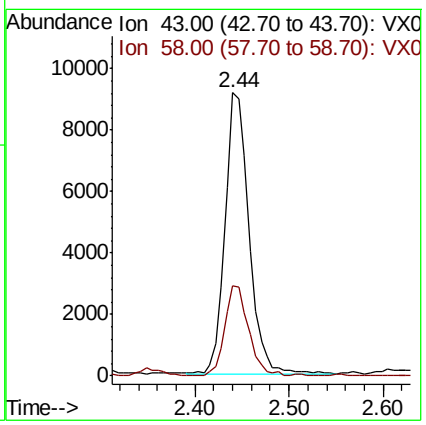


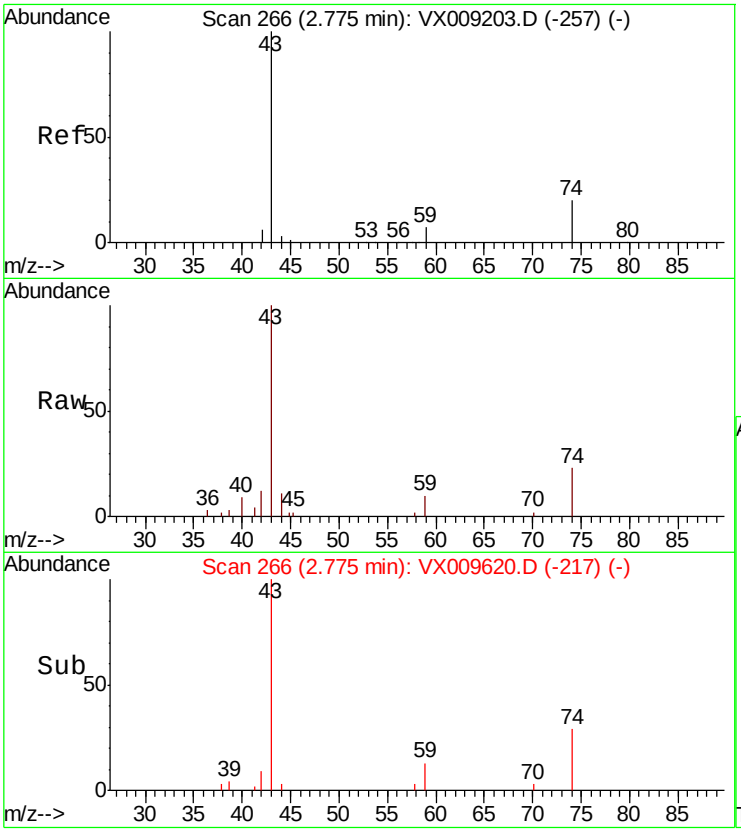


#16
Acetone
Concen: 13.067 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 43 Resp: 16109

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.9	37.3



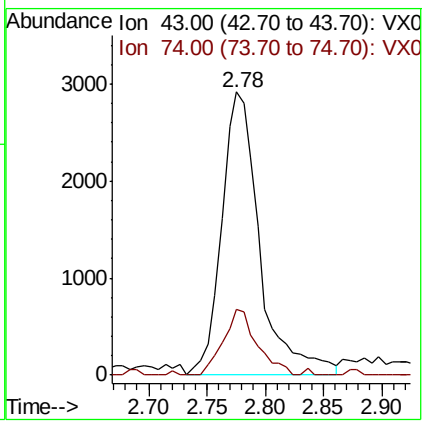


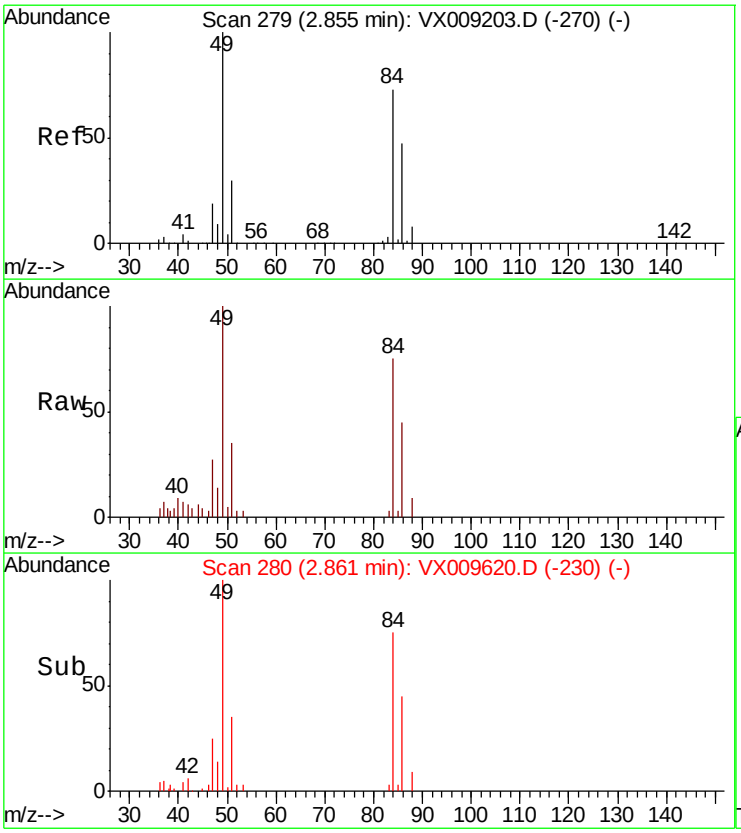
#18
Methyl Acetate
Concen: 2.261 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : HR-06-051519-A

Tgt Ion: 43 Resp: 6628

Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.2	24.4

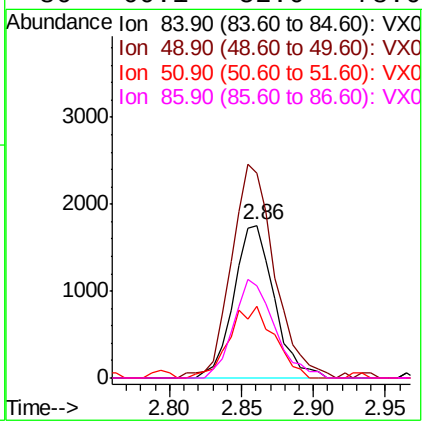


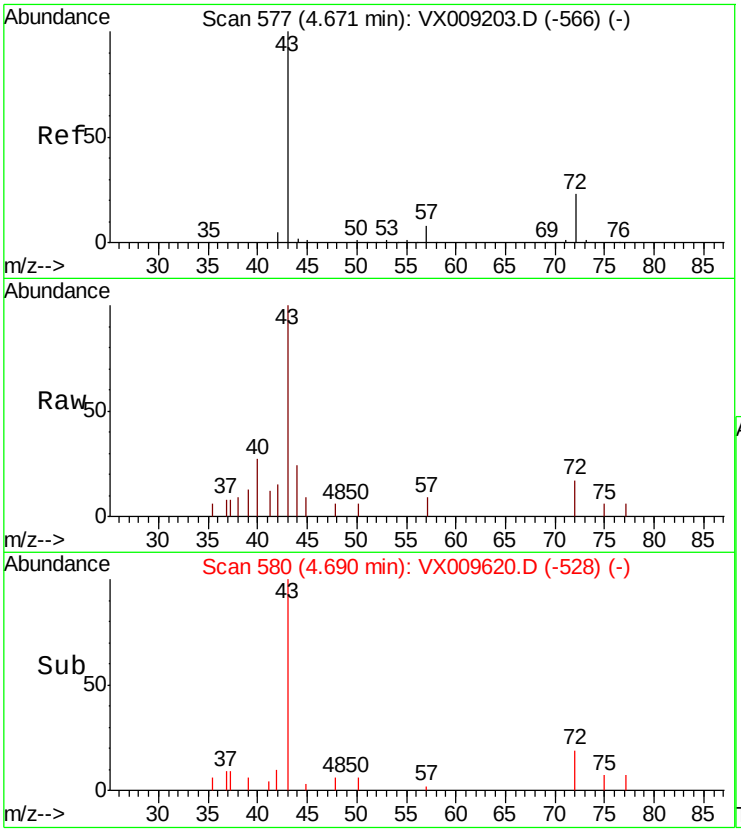


#20
Methylene Chloride
Concen: 1.721 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 84 Resp: 3435

Ion	Ratio	Lower	Upper
84	100		
49	134.2	109.9	164.9
51	47.0	32.7	49.1
86	60.1	52.0	78.0



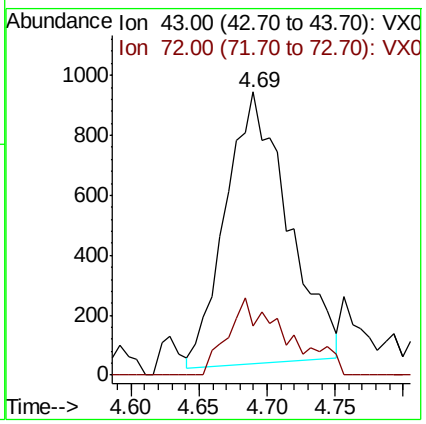


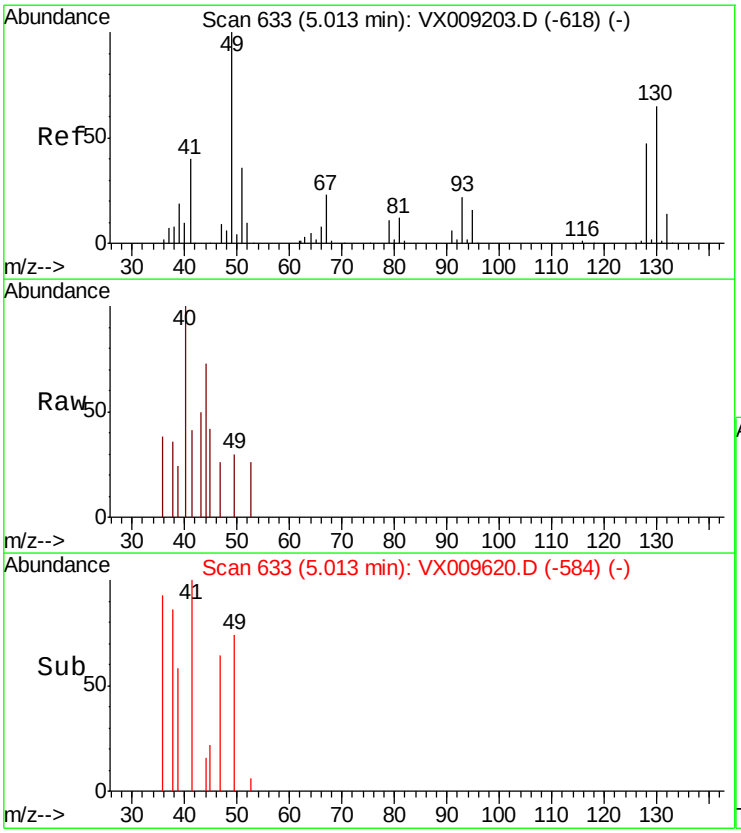
#25
2-Butanone
Concen: 1.511 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 43 Resp: 2895

Ion	Ratio	Lower	Upper
43	100		
72	18.4	18.2	27.2

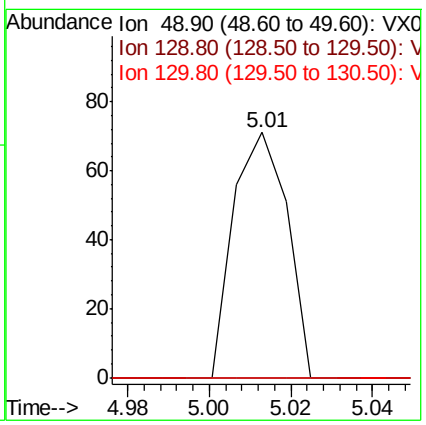


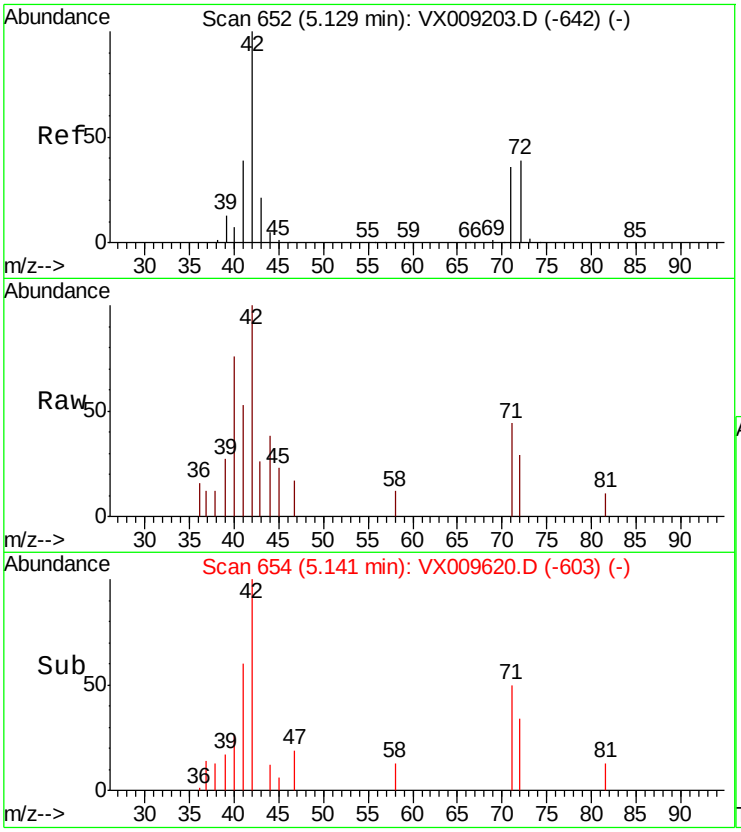


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 49 Resp: 65

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



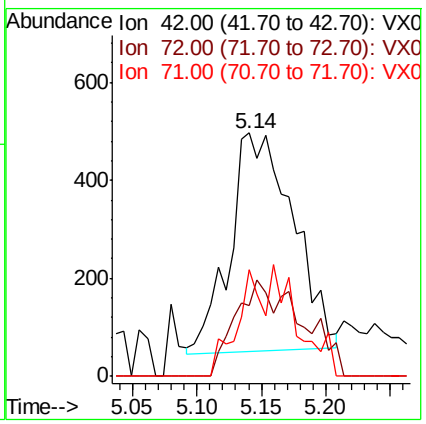


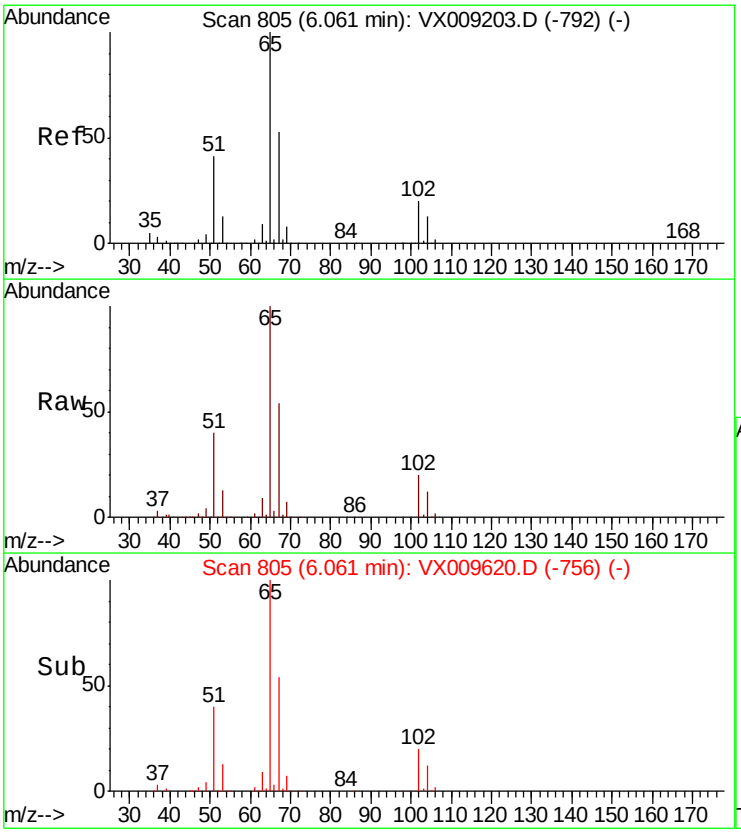
#29
Tetrahydrofuran
Concen: 1.236 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 42 Resp: 1524

Ion	Ratio	Lower	Upper
42	100		
72	25.1	30.4	45.6#
71	20.3	28.6	43.0#

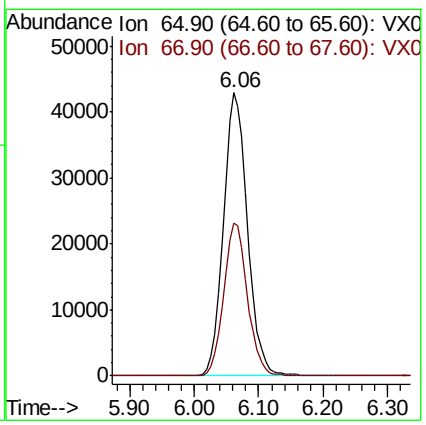


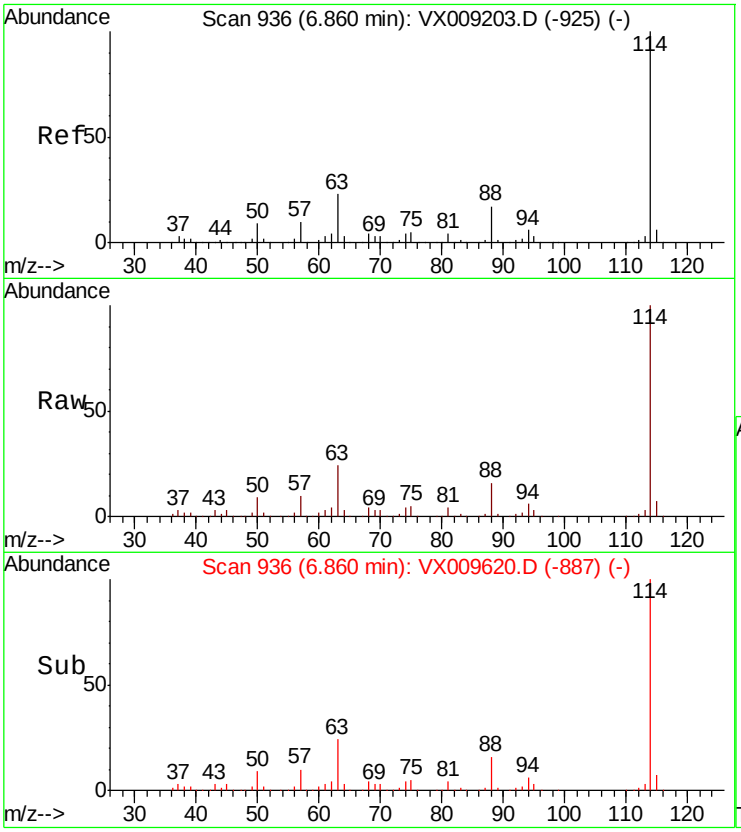


#33
1,2-Dichloroethane-d4
Concen: 49.154 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 65 Resp: 112850

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6



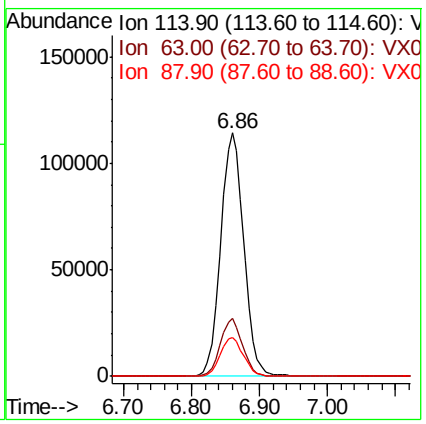


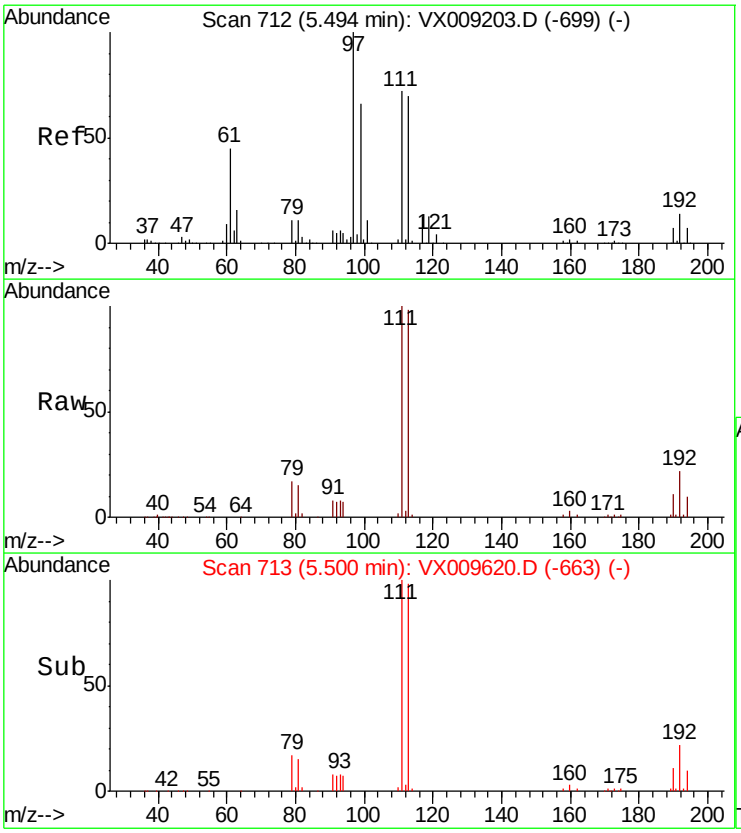
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:114 Resp: 268451

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	45.6
88	16.1	0.0	33.2

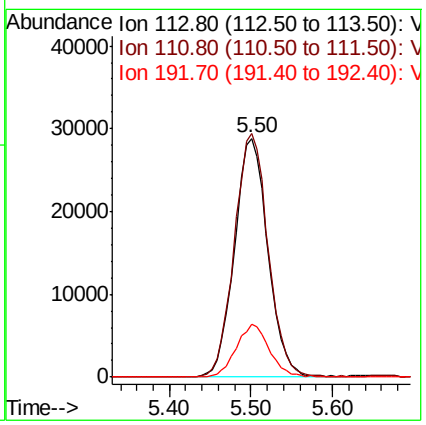


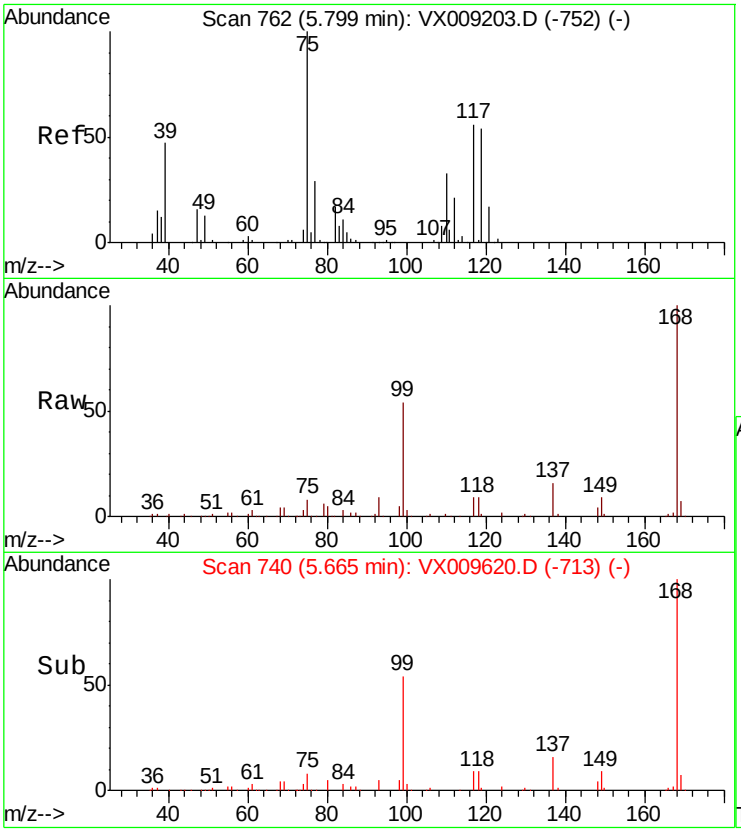


#35
Dibromofluoromethane
Concen: 48.476 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion:113 Resp: 81807

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	22.0	17.0	25.6



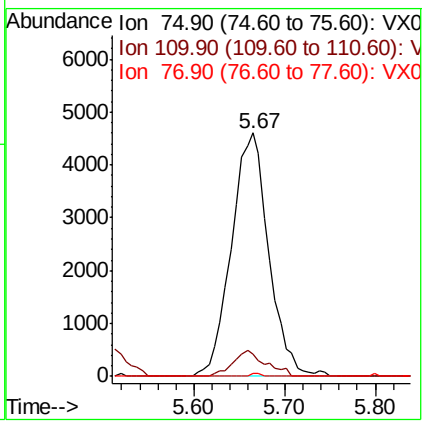


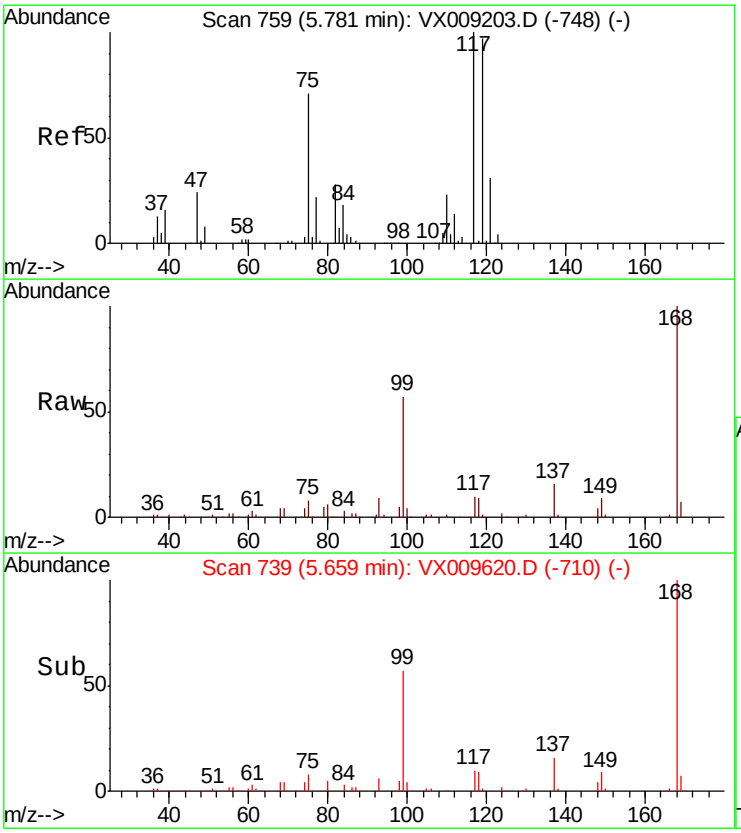
#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 75 Resp: 13146

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.4	24.8	37.2#

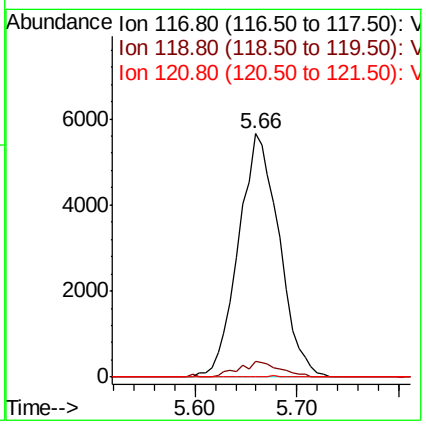


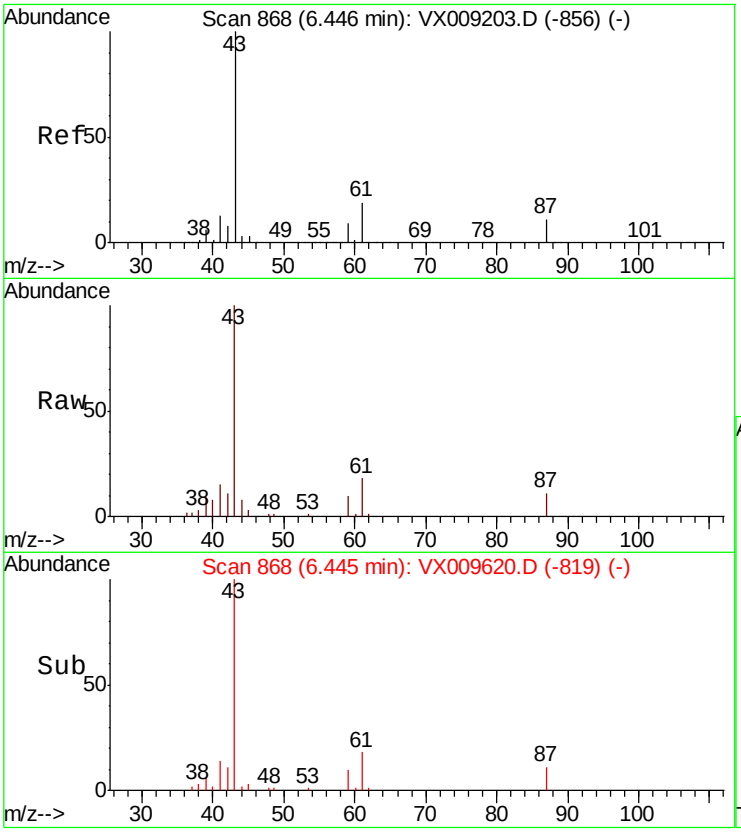


#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion:117 Resp: 15664

Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.5	116.3#
121	0.0	24.7	37.1#



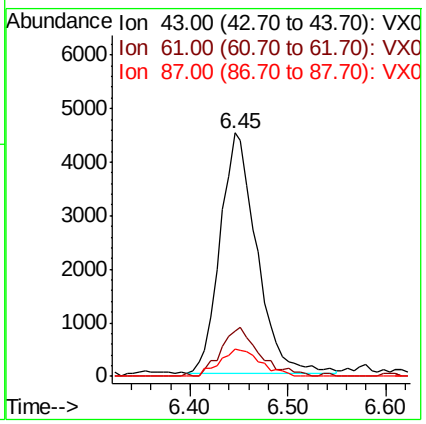


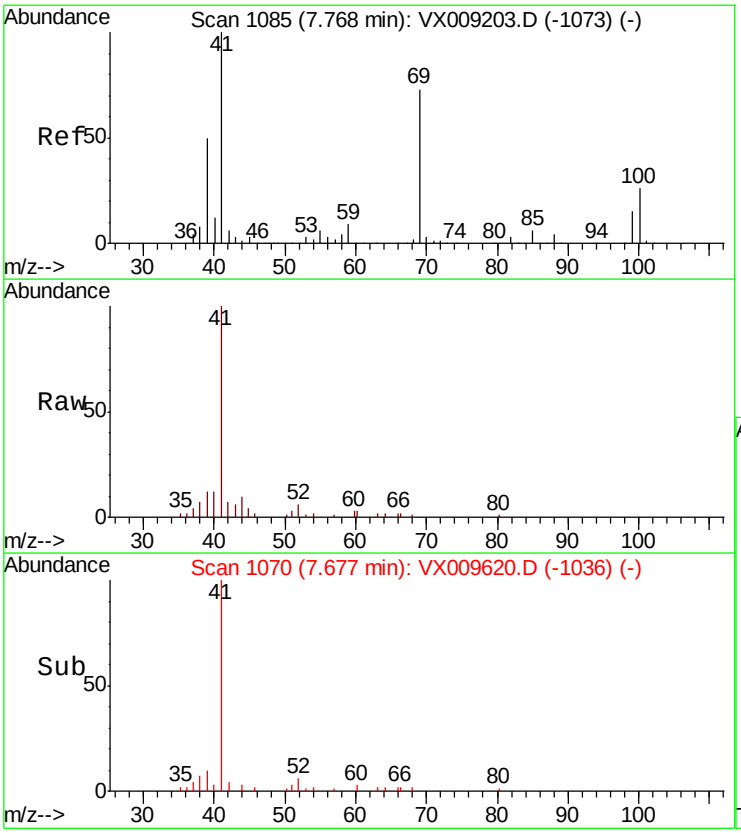
#43
Isopropyl Acetate
Concen: 2.108 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 43 Resp: 11722

Ion	Ratio	Lower	Upper
43	100		
61	21.2	15.1	22.7
87	12.5	9.0	13.6

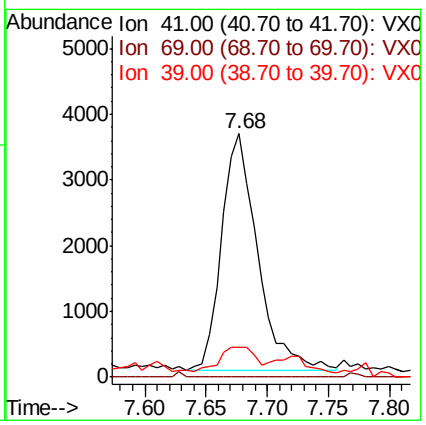


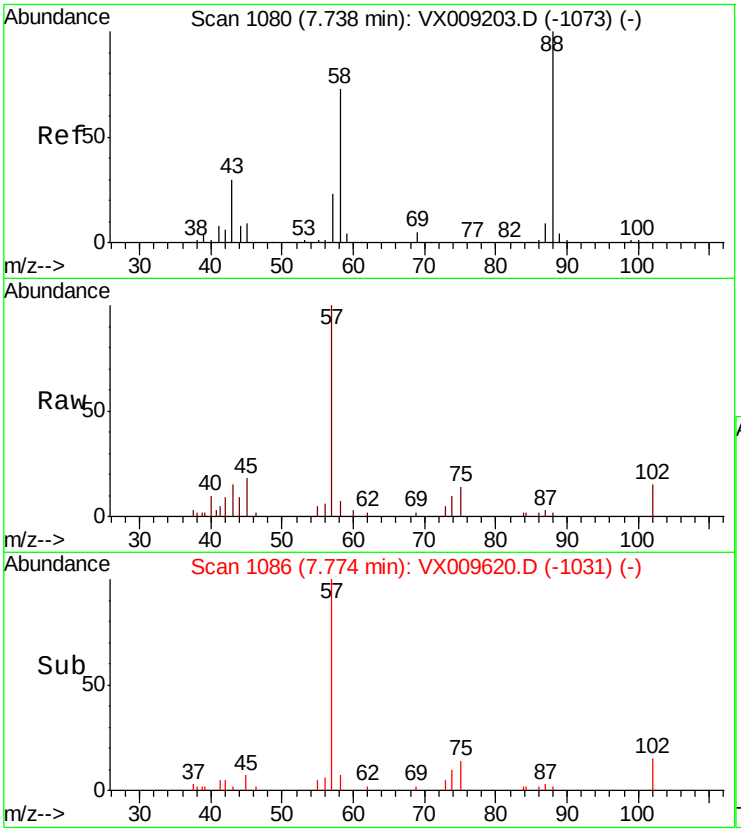


#48
Methyl methacrylate
Concen: 2.664 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 41 Resp: 7348

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	40.4	60.6#



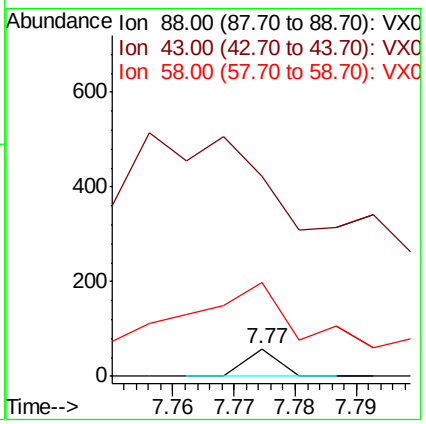


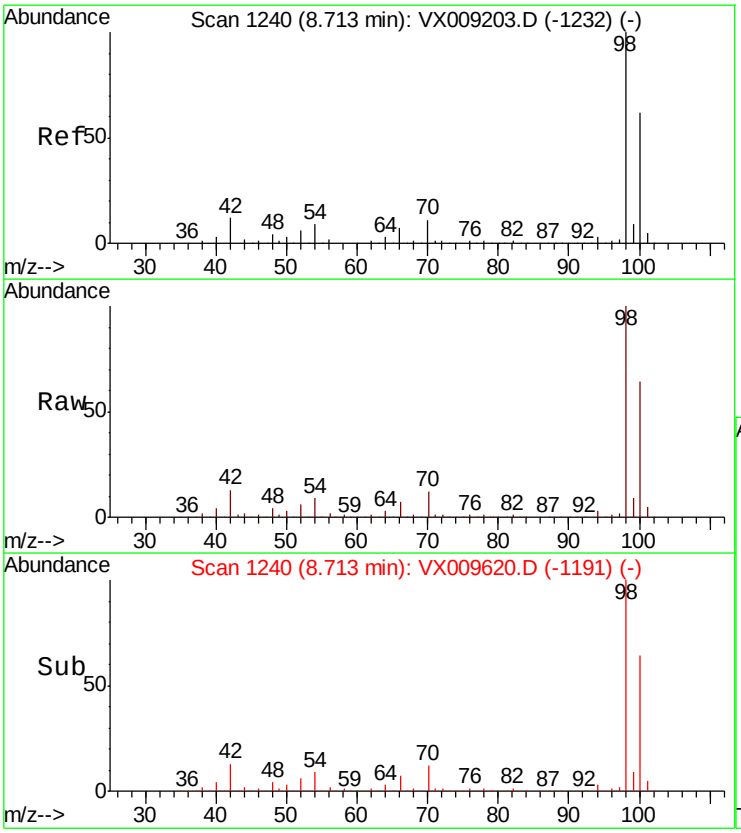
#49
1,4-Dioxane
Concen: 0.393 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	1672.7	61.7	92.5#

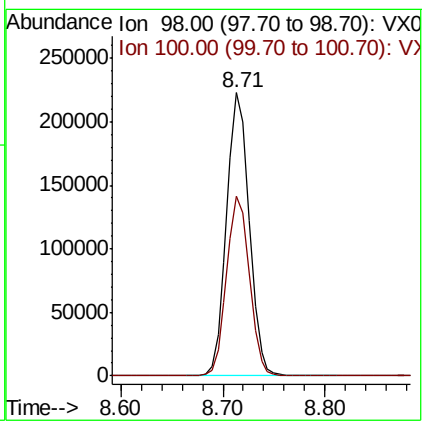


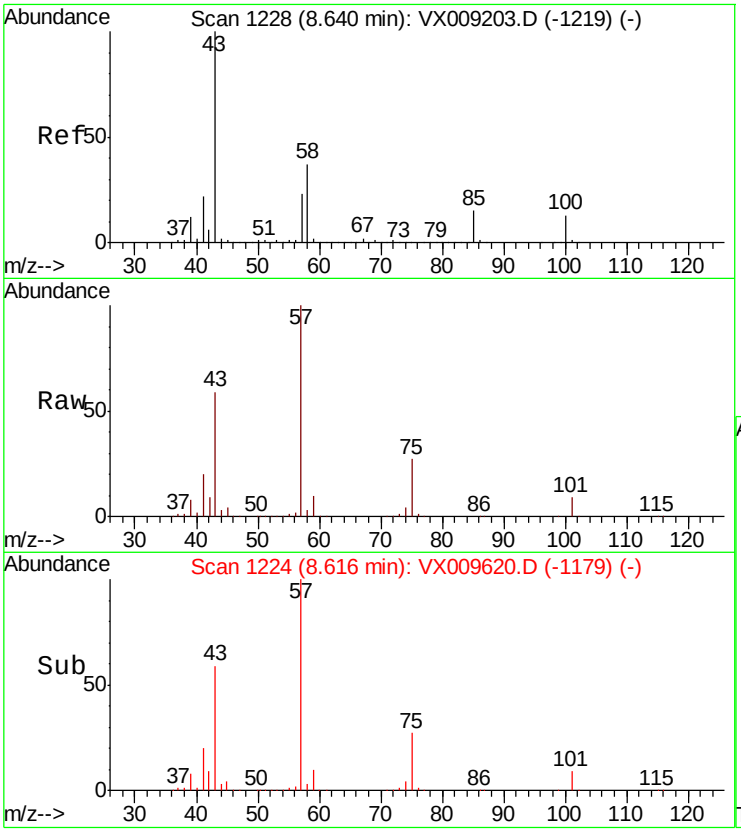


#50
Toluene-d8
Concen: 50.070 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 98 Resp: 341140

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



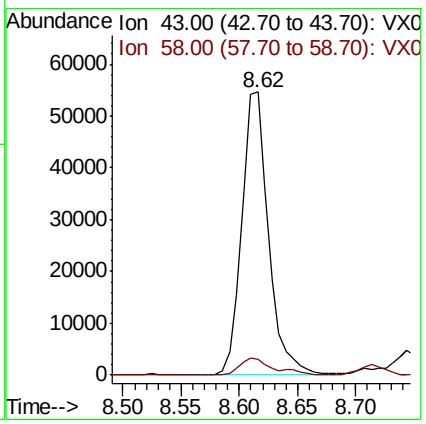


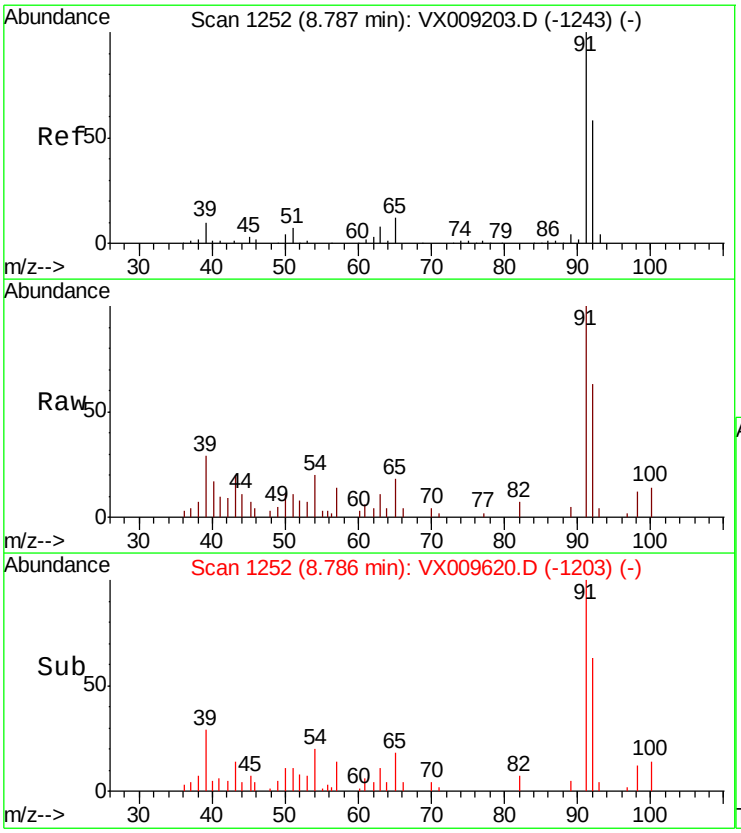
#51
4-Methyl-2-Pentanone
Concen: 24.032 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : HR-06-051519-A

Tgt Ion: 43 Resp: 87336

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.5	44.3#

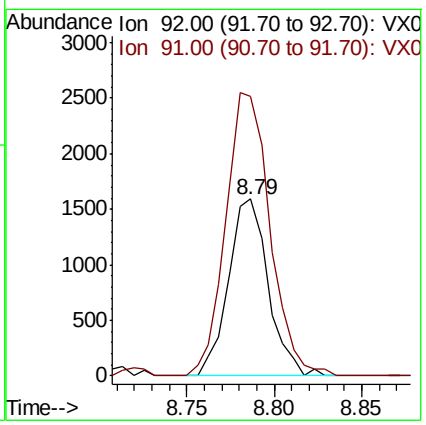


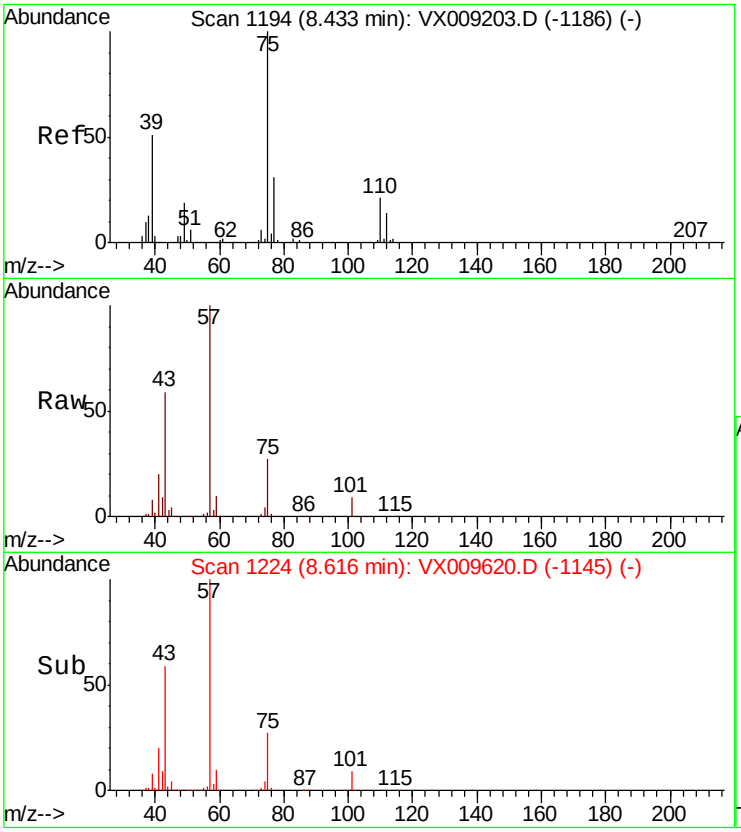


#52
Toluene
Concen: 0.536 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 92 Resp: 2515

Ion	Ratio	Lower	Upper
92	100		
91	178.4	138.8	208.2



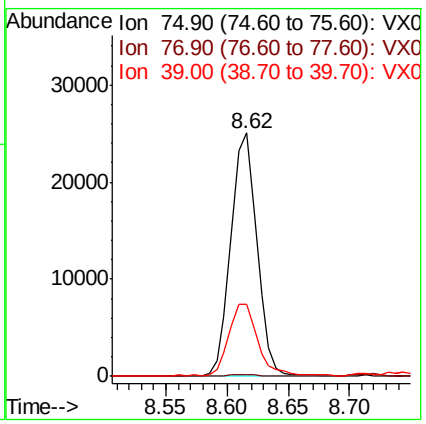


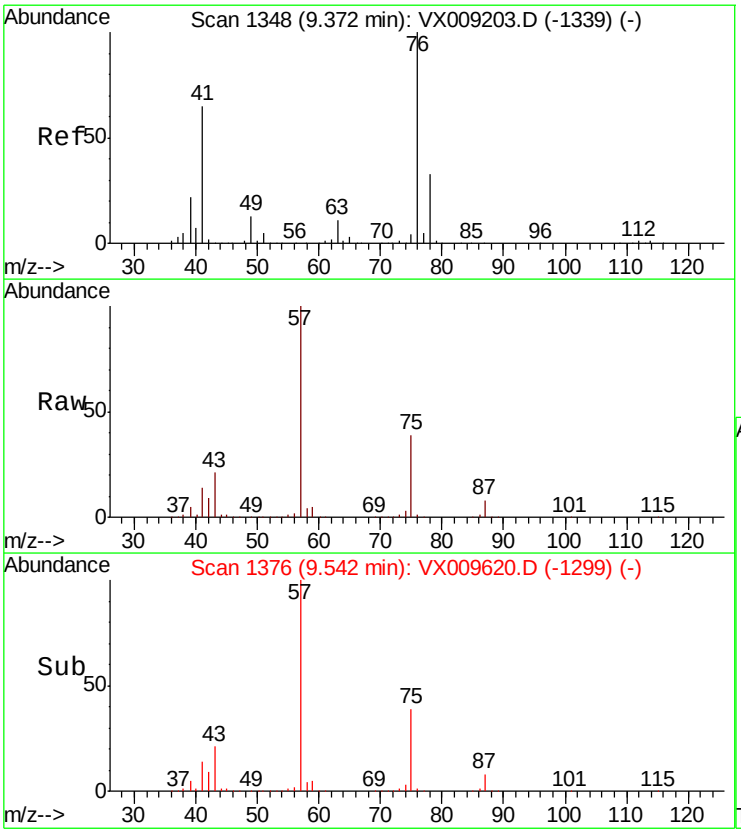
#54
cis-1,3-Dichloropropene
Concen: 11.685 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 75 Resp: 36979

Ion	Ratio	Lower	Upper
75	100		
77	0.4	24.6	36.8#
39	29.1	40.6	60.8#

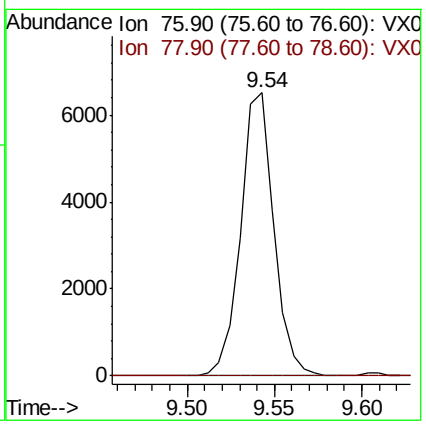


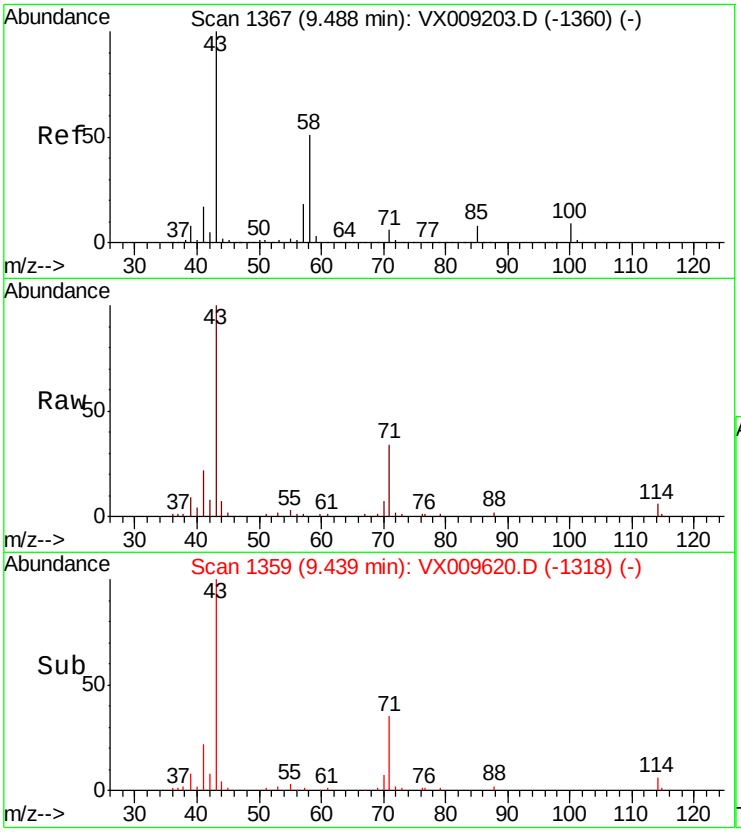


#57
1,3-Dichloropropane
Concen: 2.546 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 76 Resp: 8578

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



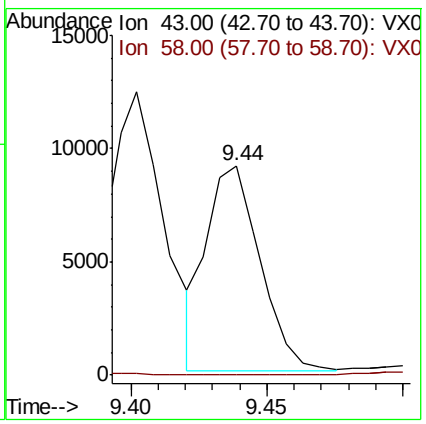


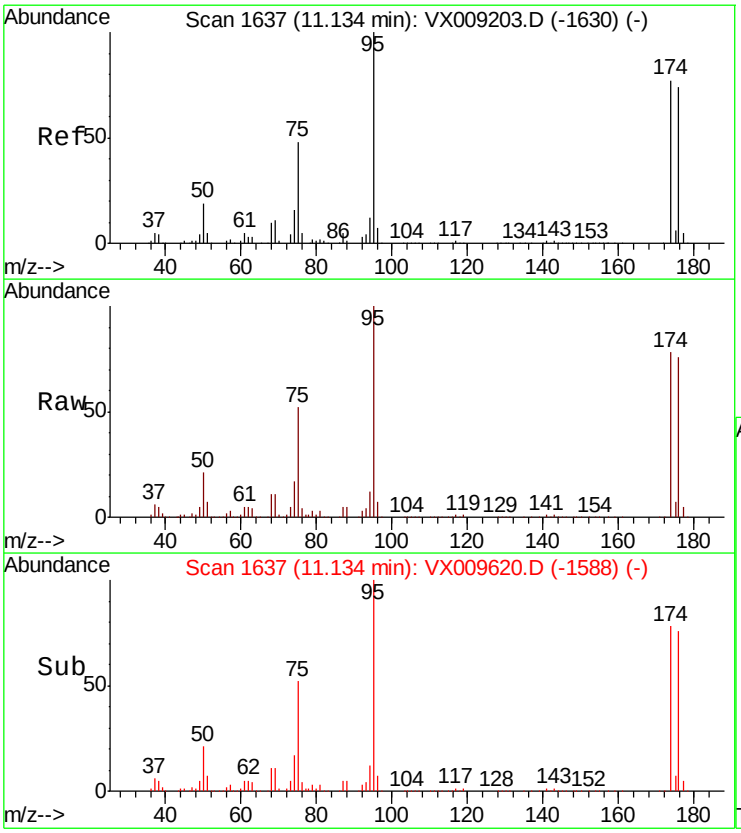
#59
2-Hexanone
Concen: 4.340 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion: 43 Resp: 12387

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#

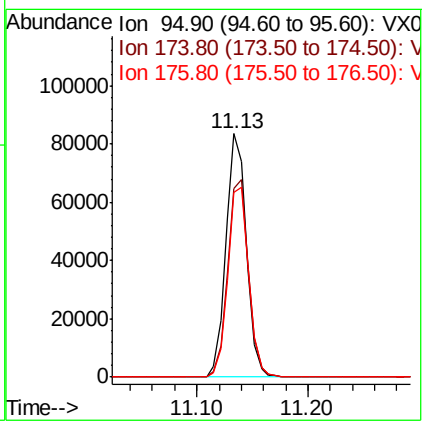


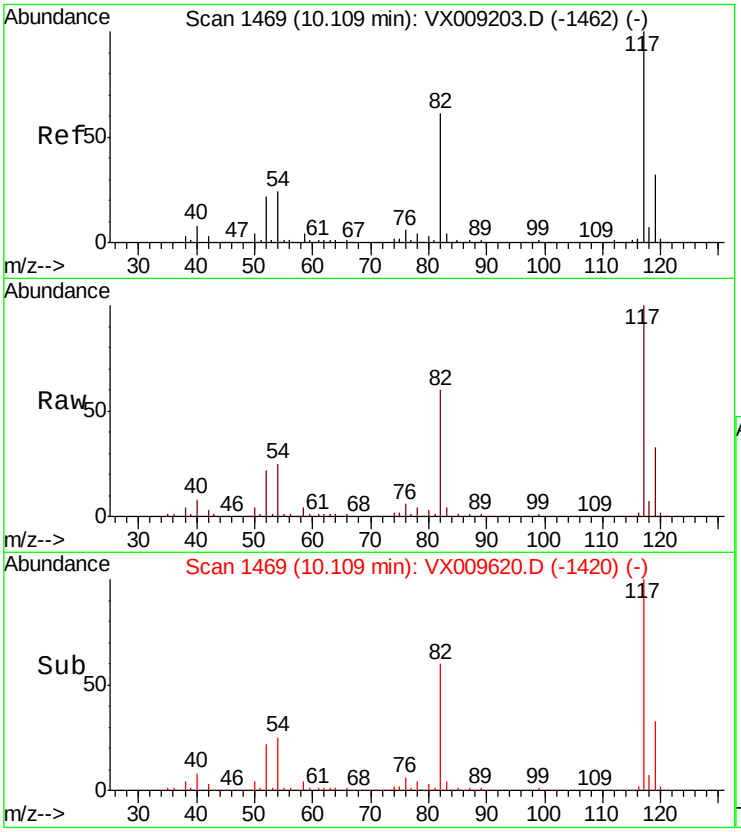


#62
4-Bromofluorobenzene
Concen: 42.739 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 95 Resp: 105807

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	161.6
176	79.8	0.0	159.2



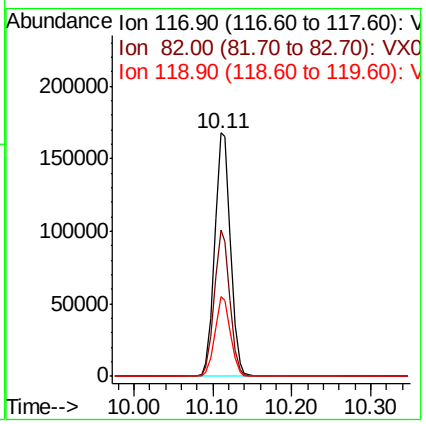


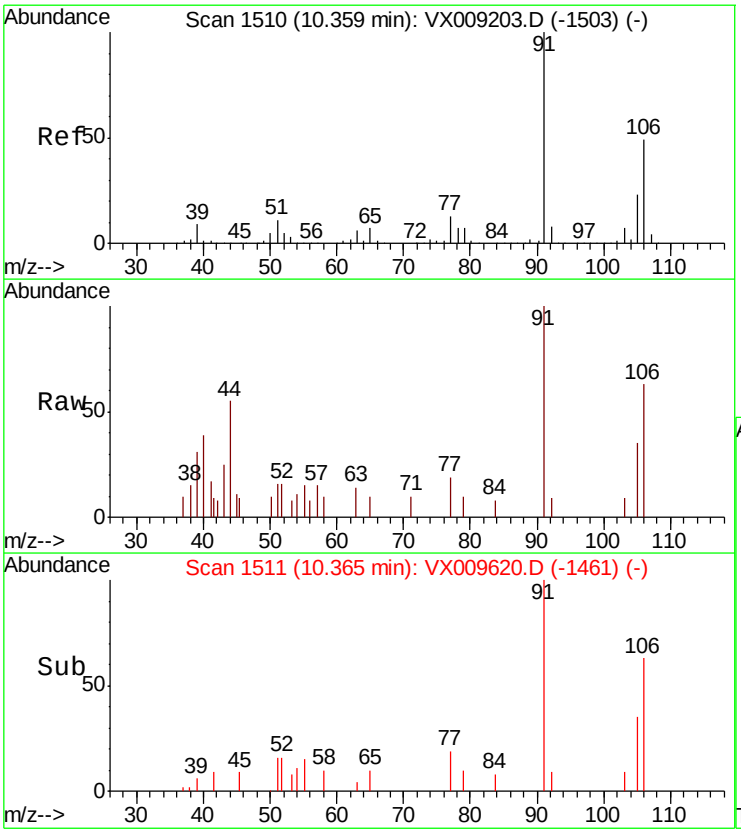
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:117 Resp: 233599

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.5	25.8	38.6

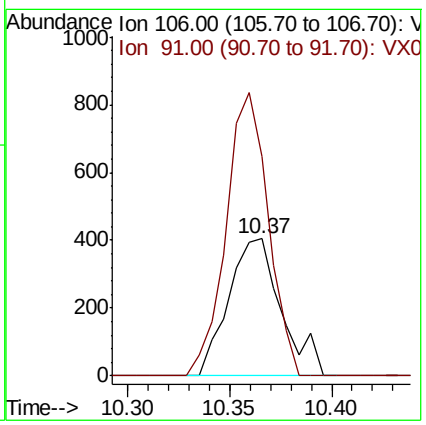


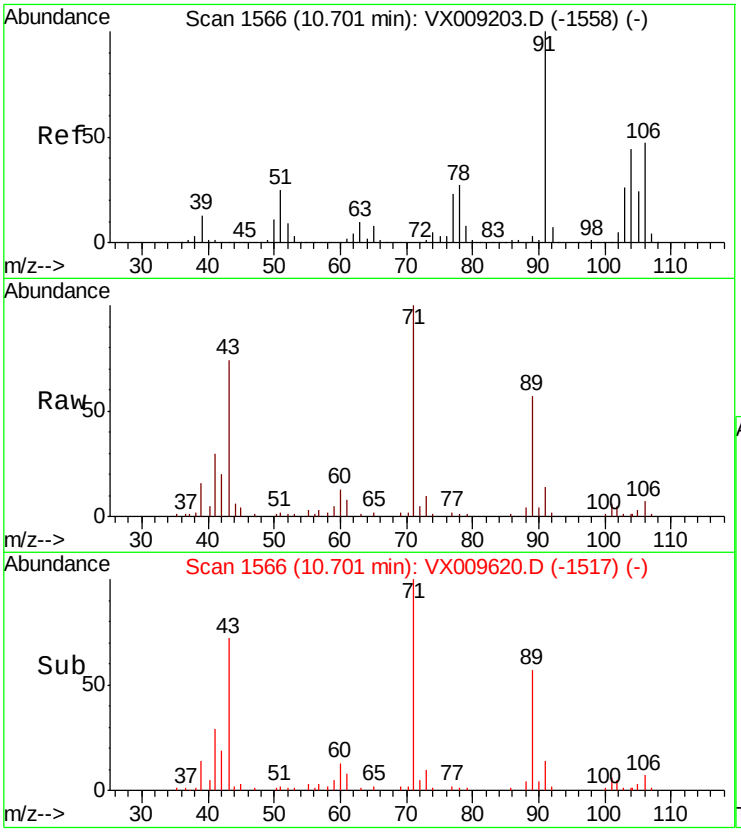


#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion:106 Resp: 728

Ion	Ratio	Lower	Upper
106	100		
91	164.1	164.0	246.0



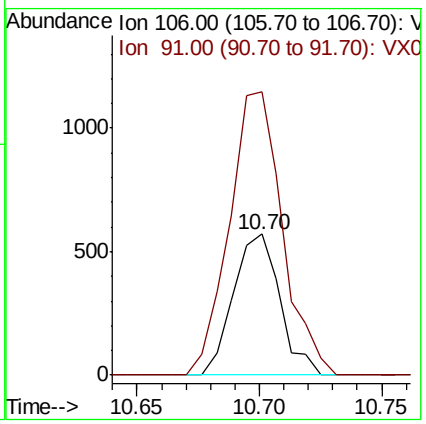


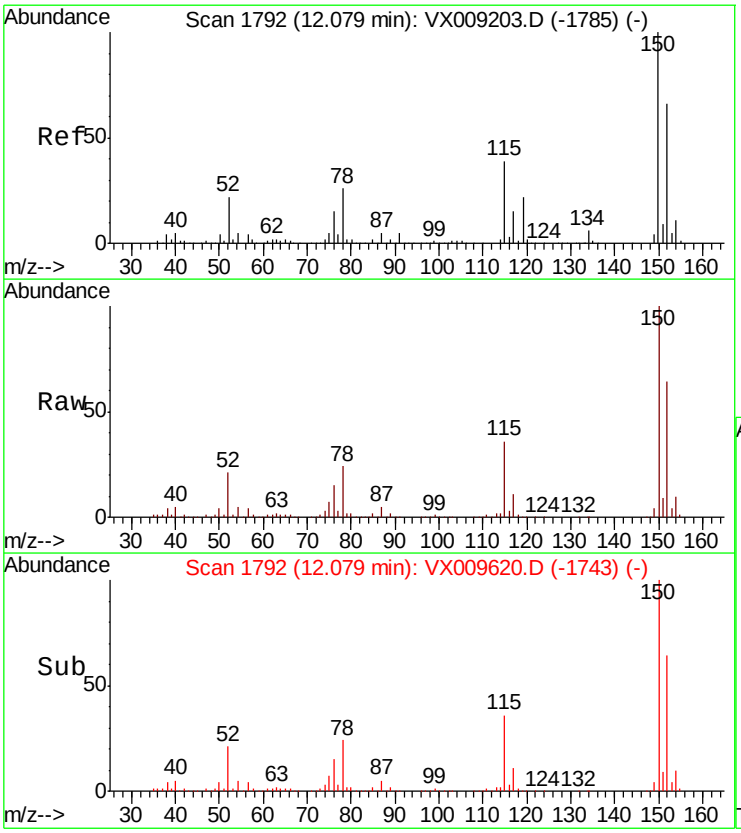
#69
o-Xylene
Concen: 0.243 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:106 Resp: 754

Ion	Ratio	Lower	Upper
106	100		
91	230.1	109.5	328.4

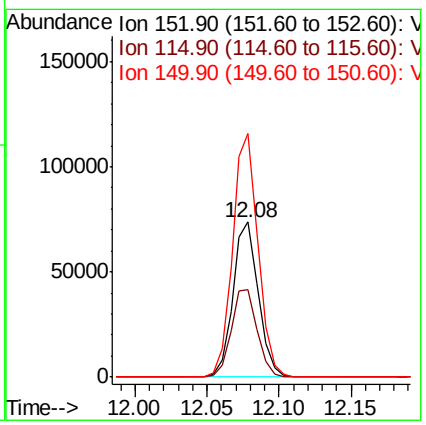


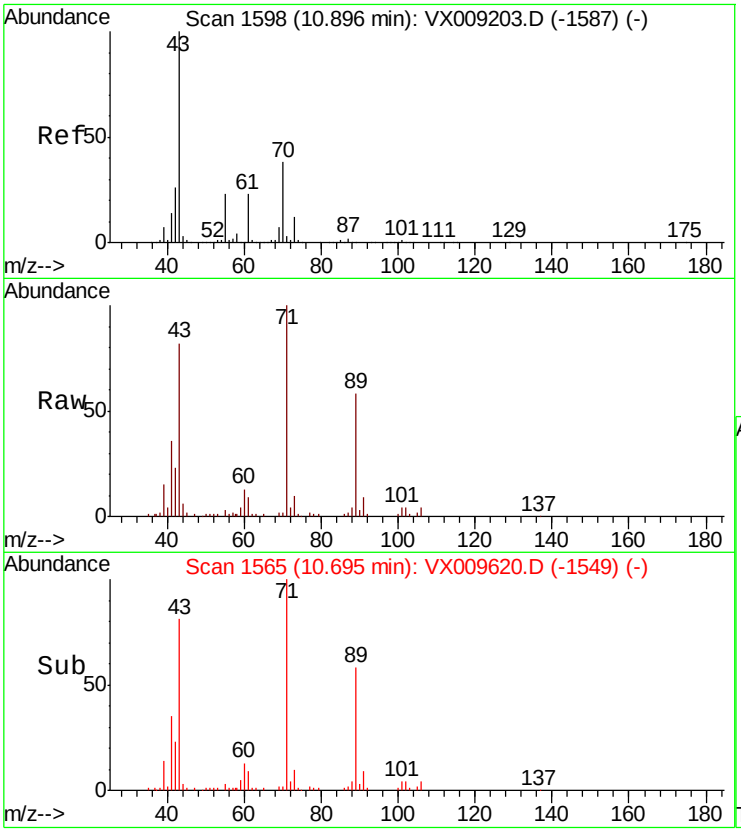


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion:152 Resp: 90459

Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	157.2	0.0	346.4



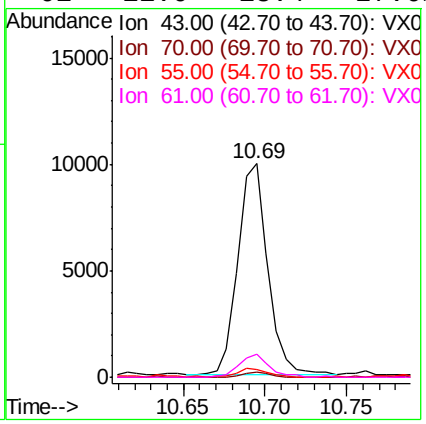


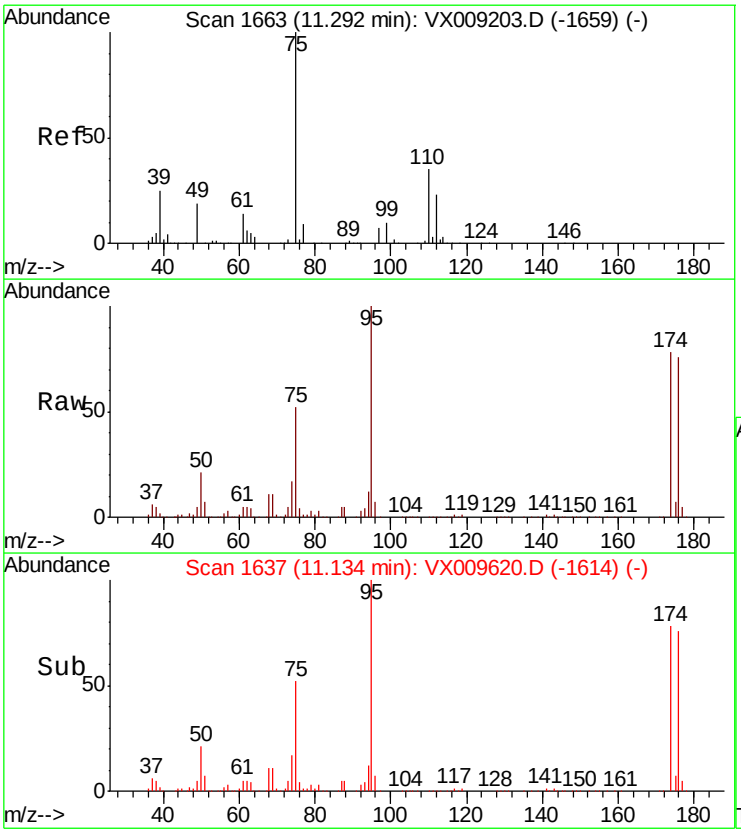
#74
N-amyl acetate
Concen: 3.292 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : HR-06-051519-A

Tgt Ion: 43 Resp: 12625

Ion	Ratio	Lower	Upper
43	100		
70	2.0	30.0	45.0#
55	4.5	17.9	26.9#
61	11.0	18.4	27.6#

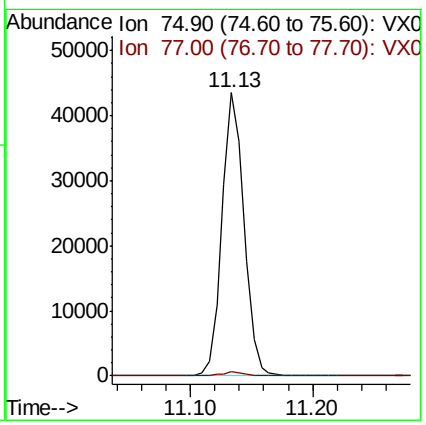


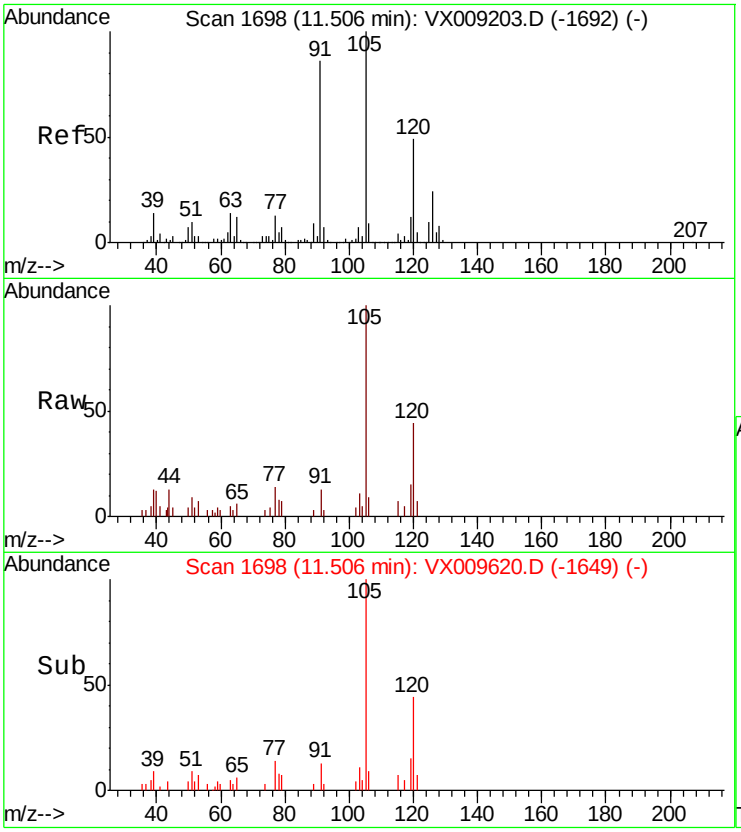


#76
1,2,3-Trichloropropane
Concen: 25.875 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 75 Resp: 54295

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#



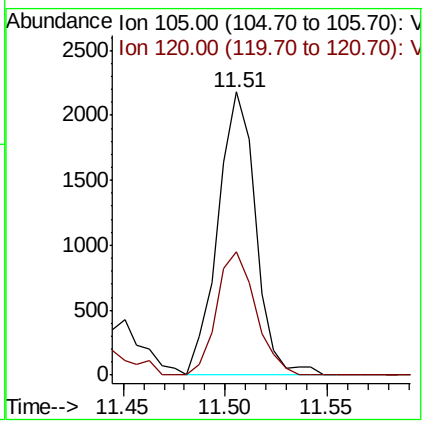


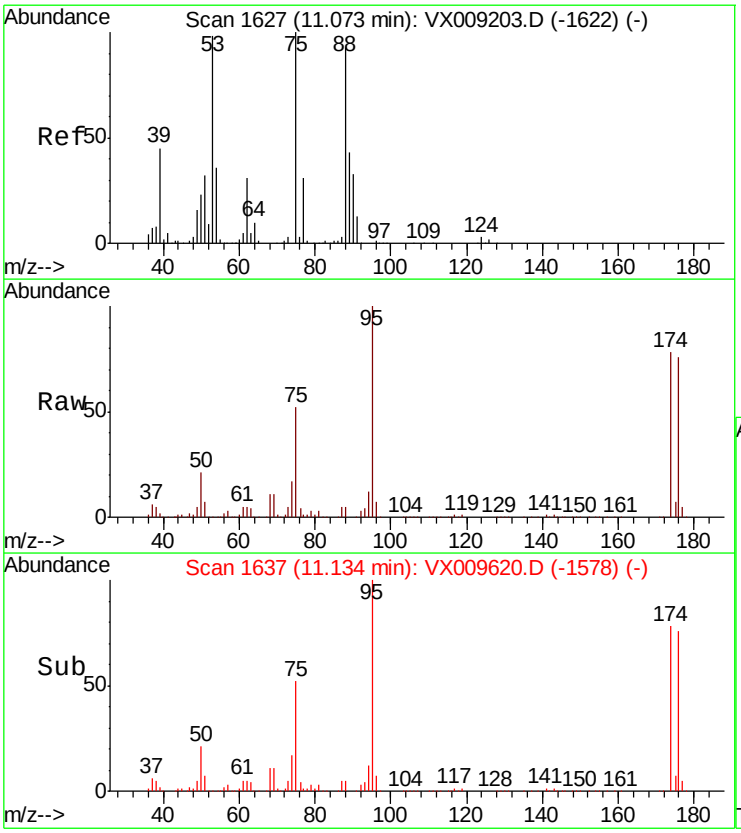
#80
1,3,5-Trimethylbenzene
Concen: 0.505 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:105 Resp: 2798

Ion	Ratio	Lower	Upper
105	100		
120	44.8	24.3	72.9

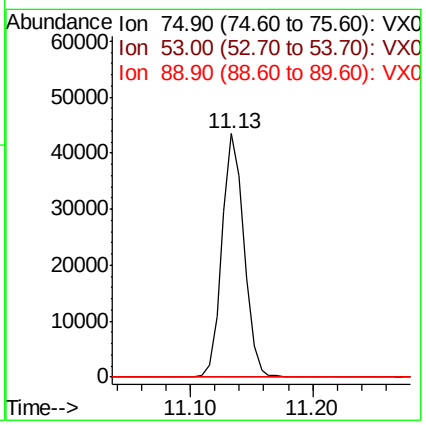


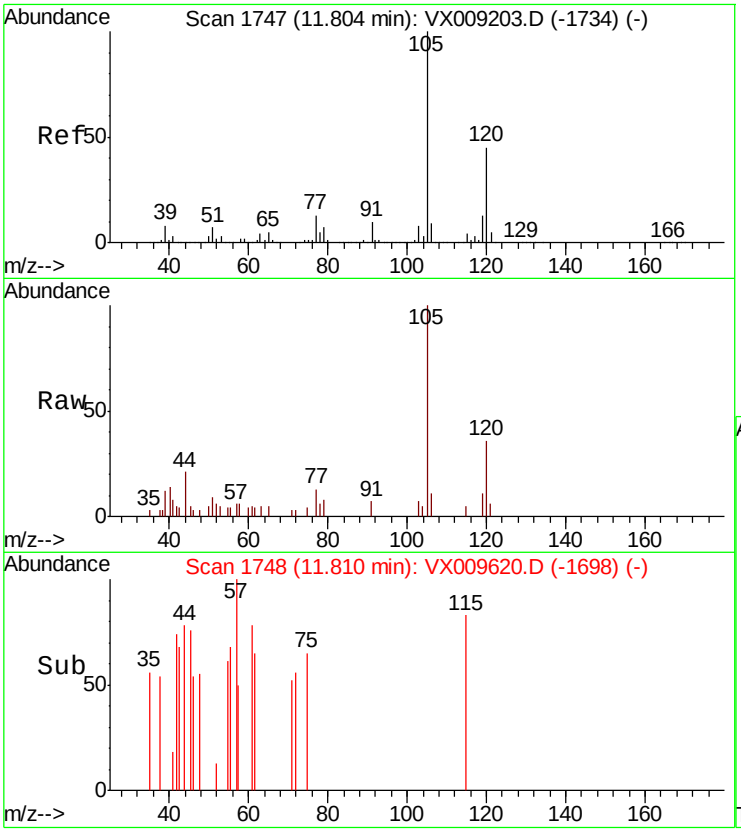


#81
trans-1,4-Dichloro-2-butene
Concen: 66.206 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion: 75 Resp: 54295

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.0	34.7	52.1#



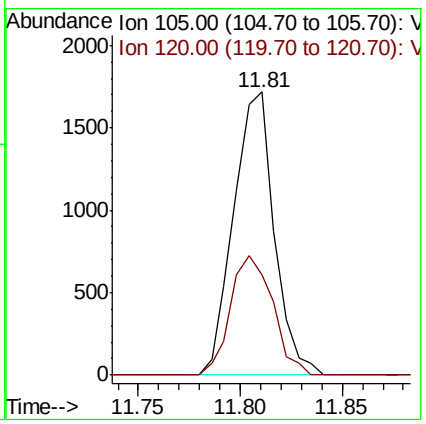


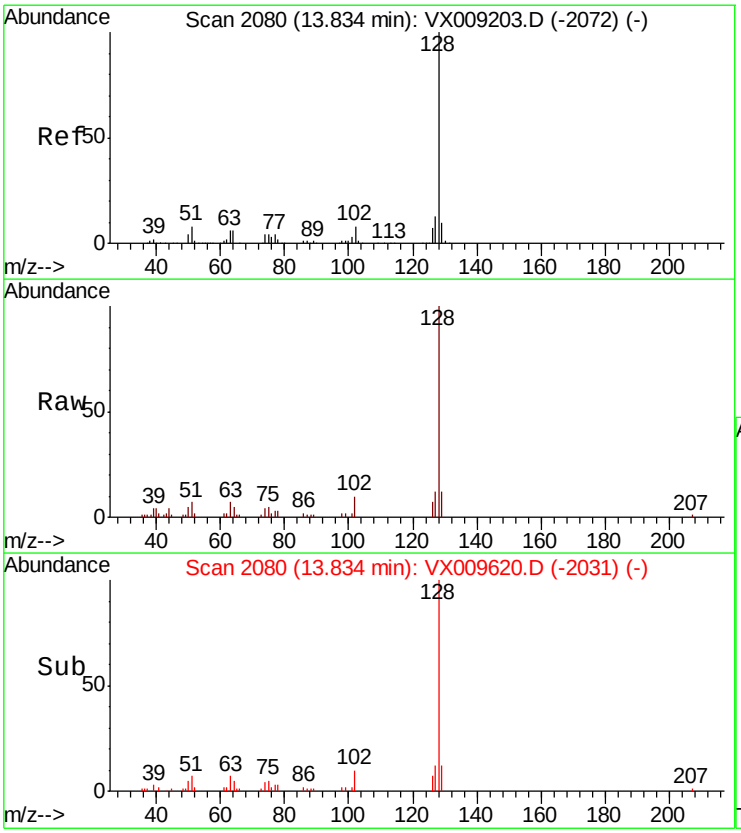
#84
1,2,4-Trimethylbenzene
Concen: 0.427 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
HR-06-051519-A

Tgt Ion:105 Resp: 2376

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.0	66.0





#95
Naphthalene
Concen: 1.246 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009620.D
Acq: 16 May 2019 20:15

Tgt Ion:128 Resp: 8219

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.3	8.6	13.0