Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009411.D
Acq On : 08 May 2019 20:15
Operator : JC/SP
Sample : K2645-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Quant Time: May 09 06:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118123	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.52%			
35) Dibromofluoromethane	5.50	113	87532	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
50) Toluene-d8	8.71	98	362056	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.96%			
62) 4-Bromofluorobenzene	11.13	95	114134	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.84%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	374	0.295	ug/l	93
11) Tert butyl alcohol	3.04	59	668	1.179	ug/l #	81
13) Acrolein	2.29	56	207	0.403	ug/l #	49
16) Acetone	2.44	43	14391	10.949	ug/l	95
18) Methyl Acetate	2.78	43	6331	2.025	ug/l	96
20) Methylene Chloride	2.85	84	118504	55.684	ug/l	97
25) 2-Butanone	4.69	43	2788	1.365	ug/l #	83
28) Bromochloromethane	4.98	49	111	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	2068	1.573	ug/l	98
30) Chloroform	5.21	83	1256	0.357	ug/l #	78
31) Cyclohexane	5.65	56	4131	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13425	5.010	ug/l #	50
38) Carbon Tetrachloride	5.67	117	16589	6.814	ug/l #	15
43) Isopropyl Acetate	6.45	43	11544	1.933	ug/l	99
48) Methyl methacrylate	7.68	41	7251	2.447	ug/l #	18
49) 1,4-Dioxane	7.87	88	144	2.397	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	86593	22.185	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	38154	11.225	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	7477	2.066	ug/l #	43
59) 2-Hexanone	9.44	43	12427	4.054	ug/l #	26
74) N-amyl acetate	10.69	43	12380	3.032	ug/l #	57
76) 1,2,3-Trichloropropane	11.13	75	57680	25.818	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1845	0.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	57680	66.059	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	1723	0.291	ug/l	99
95) Naphthalene	13.83	128	13321	1.897	ug/l	99

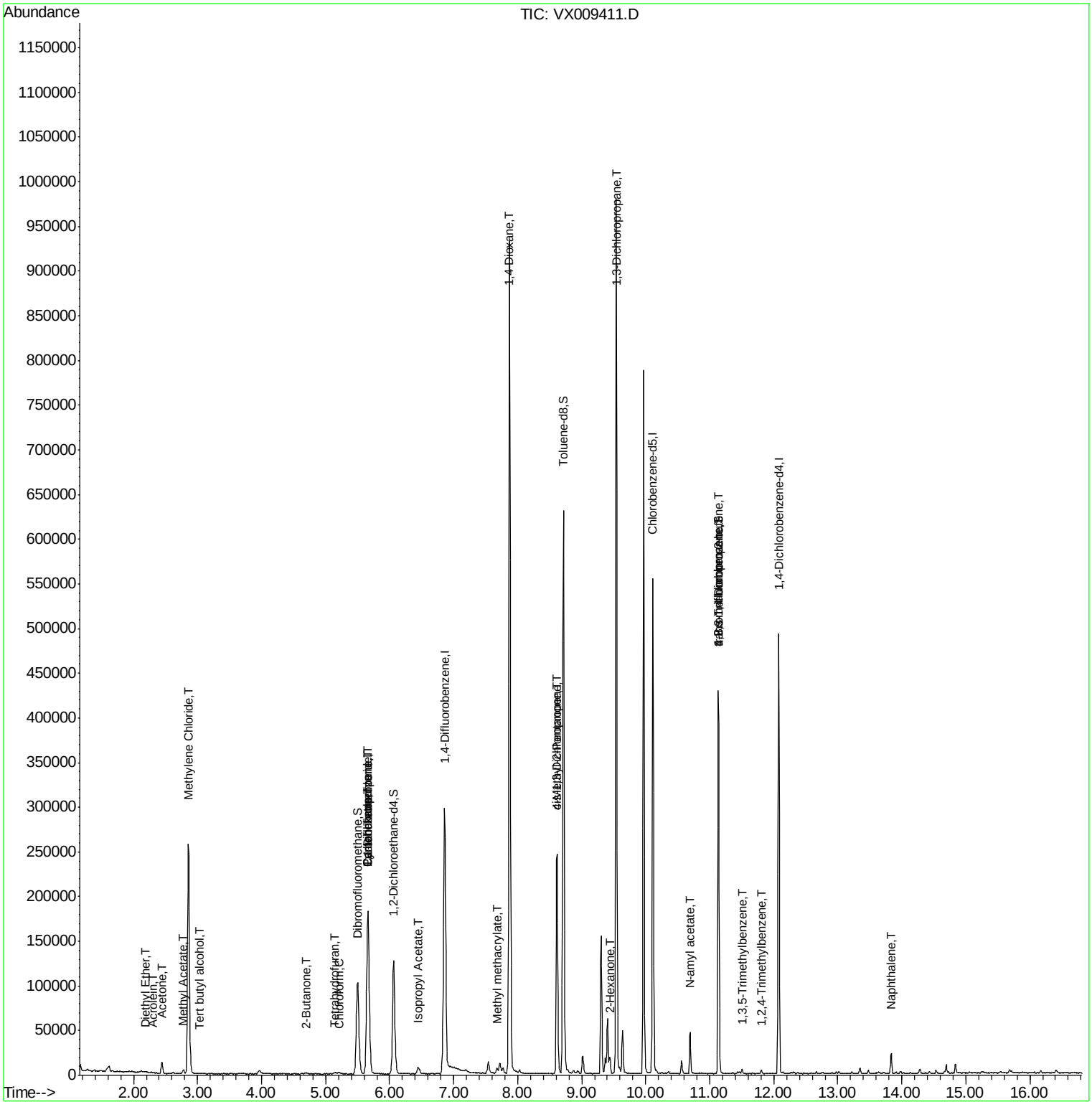
(#) = qualifier out of range (m) = manual integration (+) = signals summed

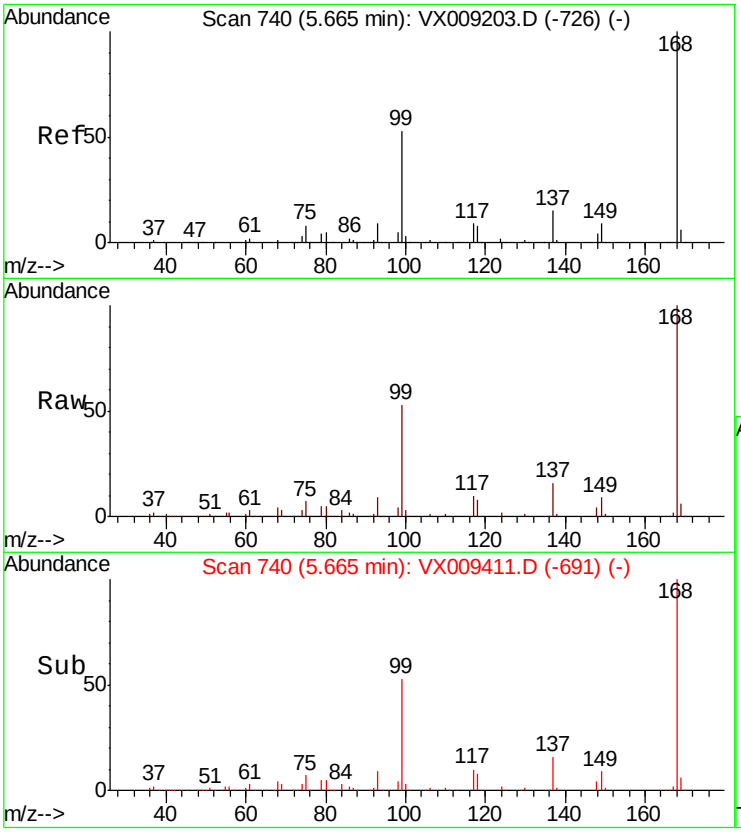
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009411.D
Acq On : 08 May 2019 20:15
Operator : JC/SP
Sample : K2645-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Quant Time: May 09 06:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration



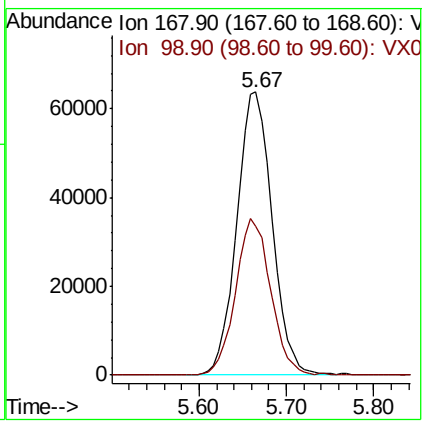


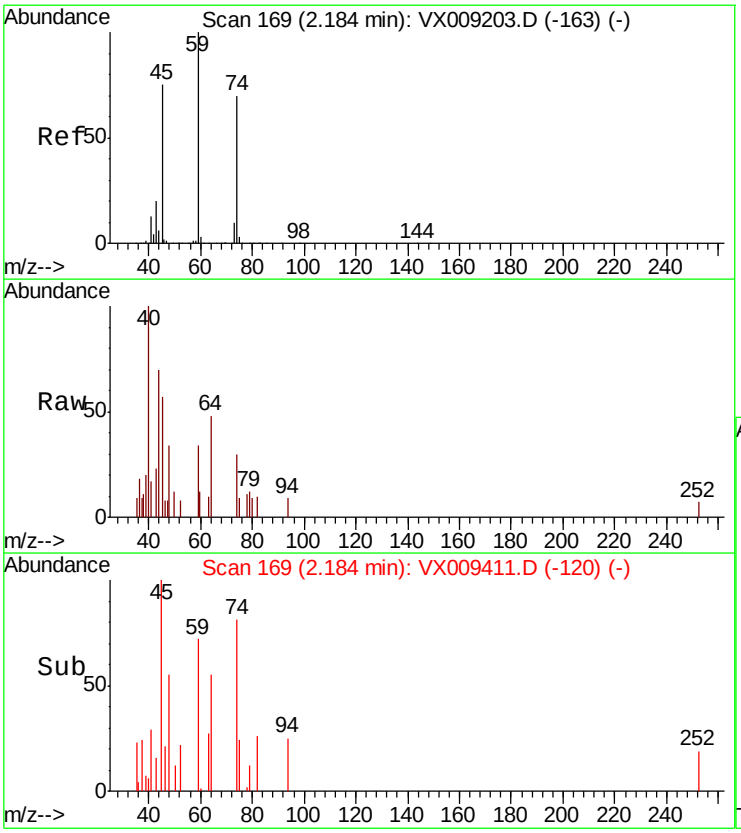
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion:168 Resp: 179310

Ion	Ratio	Lower	Upper
168	100		
99	52.7	42.3	63.5

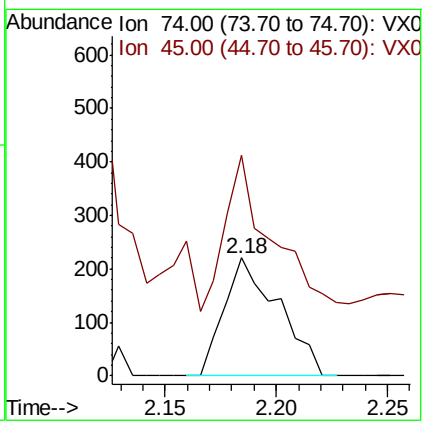


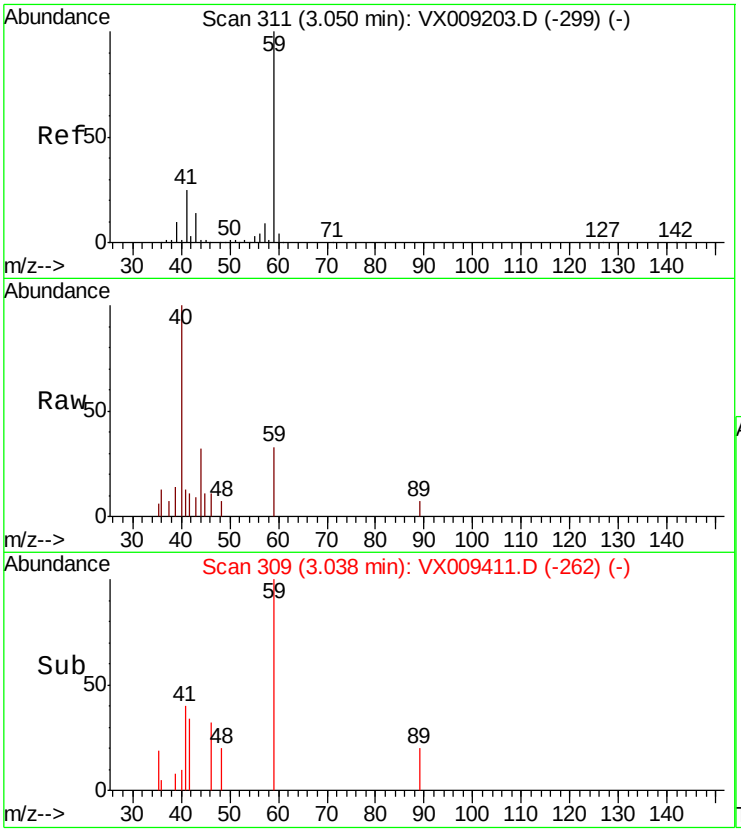


#8
Diethyl Ether
Concen: 0.295 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 74 Resp: 374

Ion	Ratio	Lower	Upper
74	100		
45	113.4	53.3	159.9



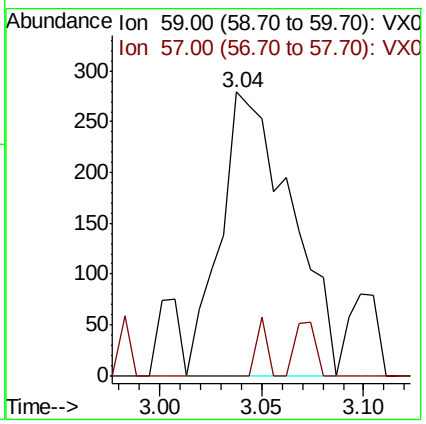


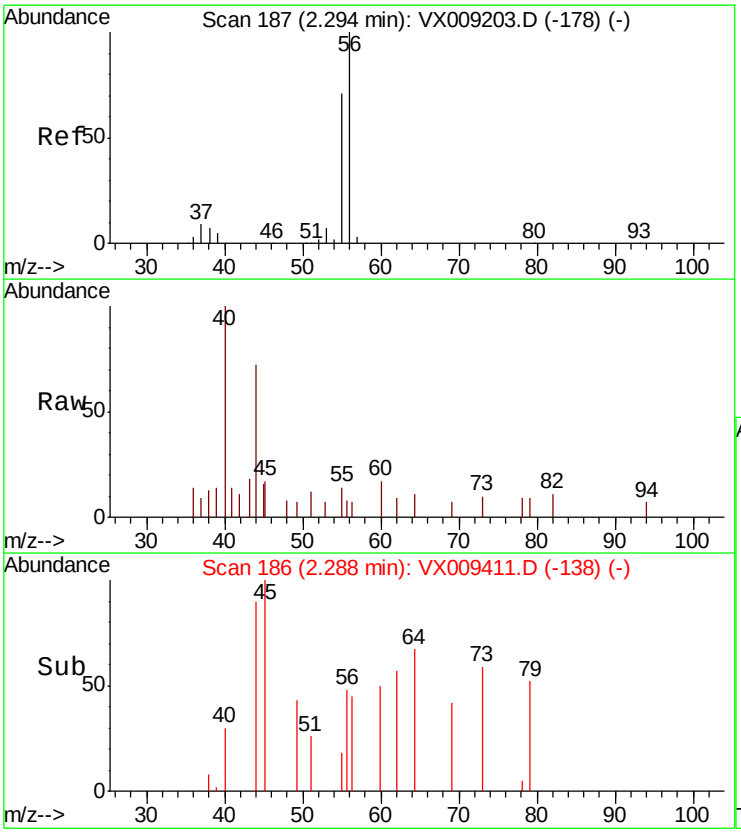
#11
Tert butyl alcohol
Concen: 1.179 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 59 Resp: 668

Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.2	12.2#

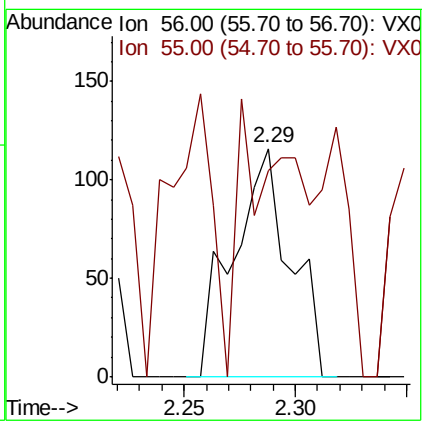


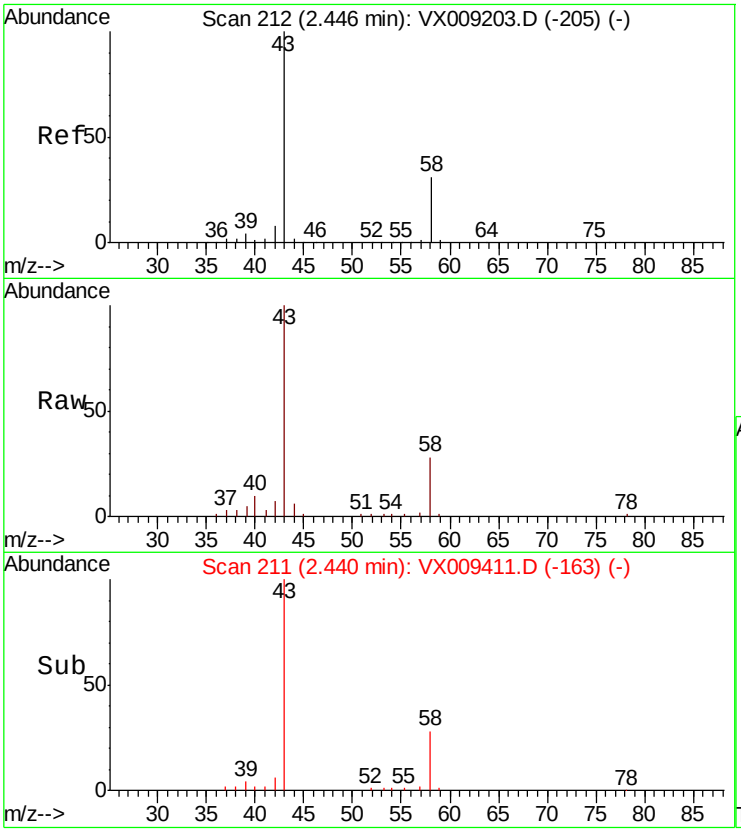


#13
Acrolein
Concen: 0.403 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 56 Resp: 207

Ion	Ratio	Lower	Upper
56	100		
55	112.6	56.6	85.0#



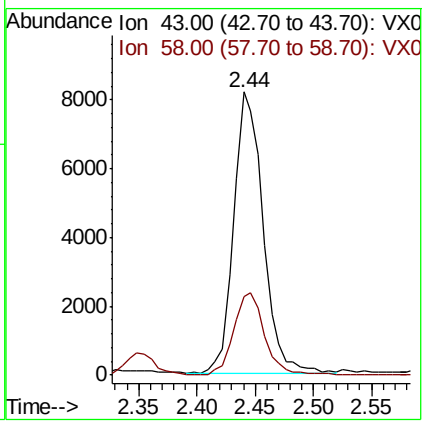


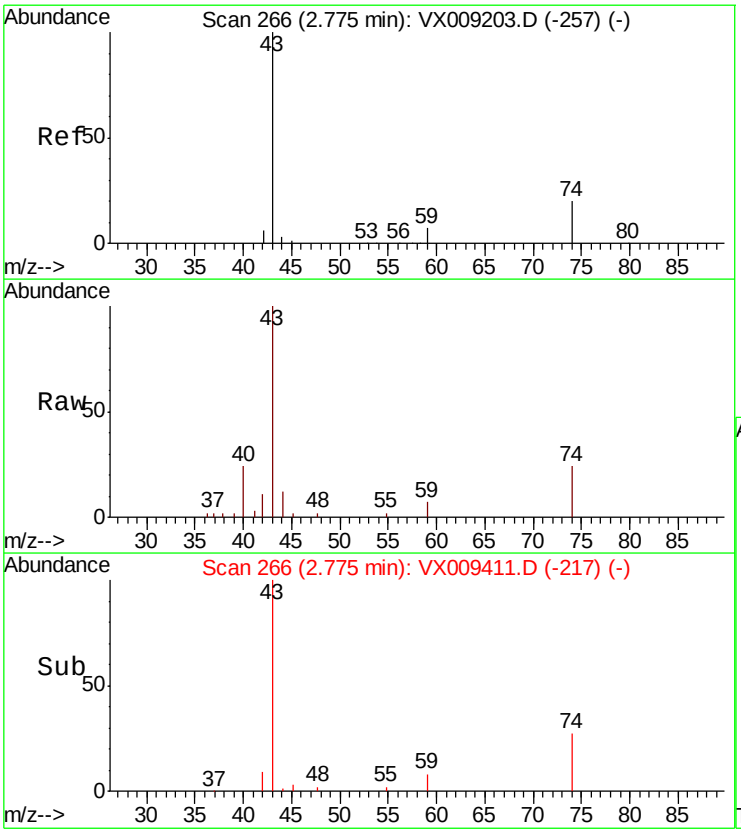
#16
Acetone
Concen: 10.949 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 43 Resp: 14391

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.9	37.3

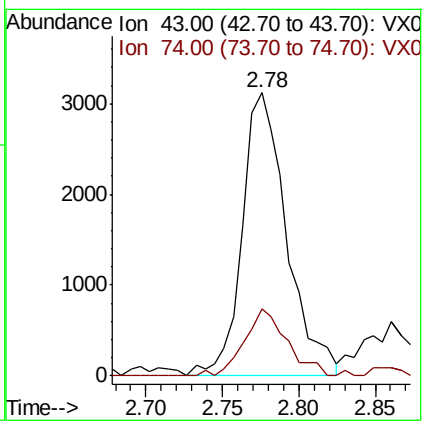


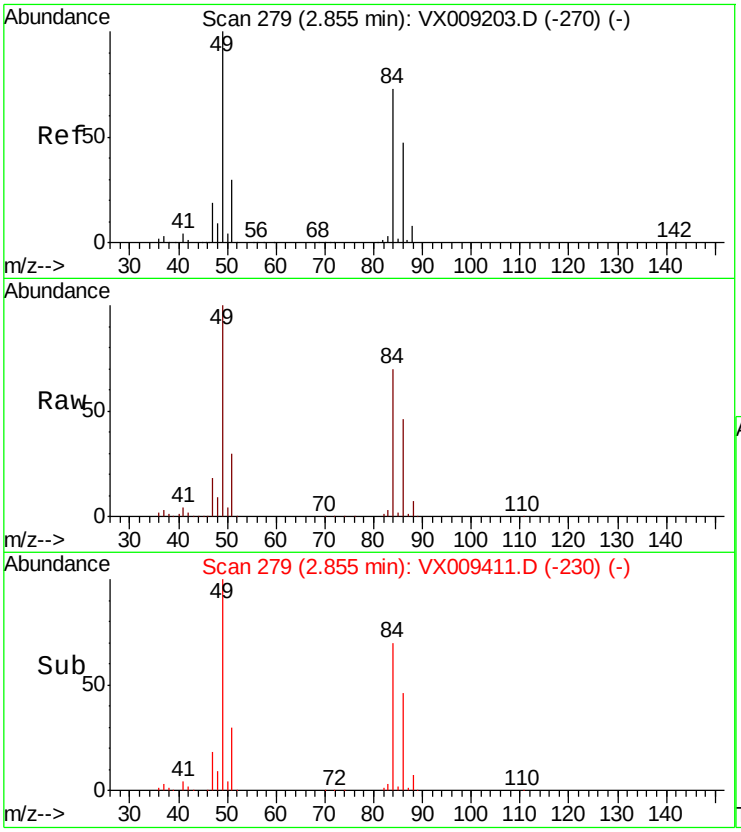


#18
Methyl Acetate
Concen: 2.025 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 43 Resp: 6331

Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.2	24.4



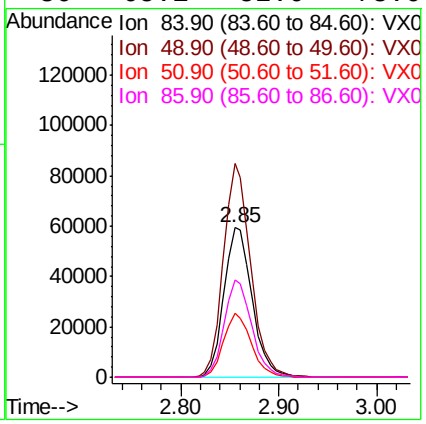


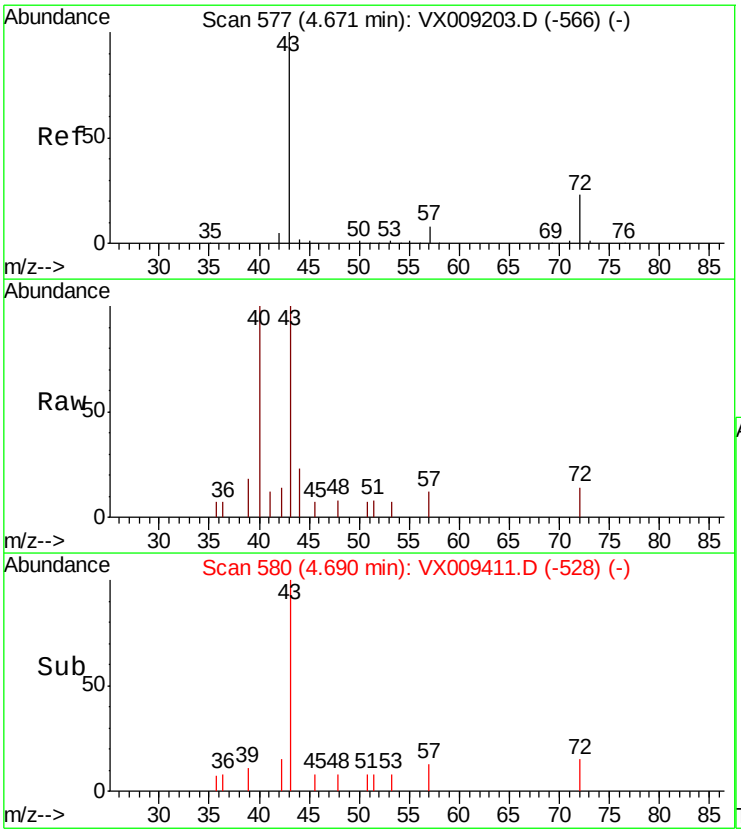
#20
Methylene Chloride
Concen: 55.684 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 84 Resp: 118504

Ion	Ratio	Lower	Upper
84	100		
49	143.1	109.9	164.9
51	43.1	32.7	49.1
86	65.1	52.0	78.0

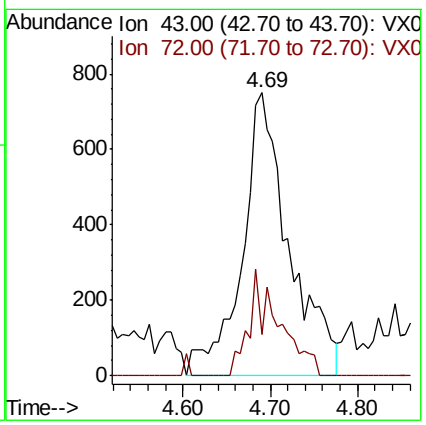


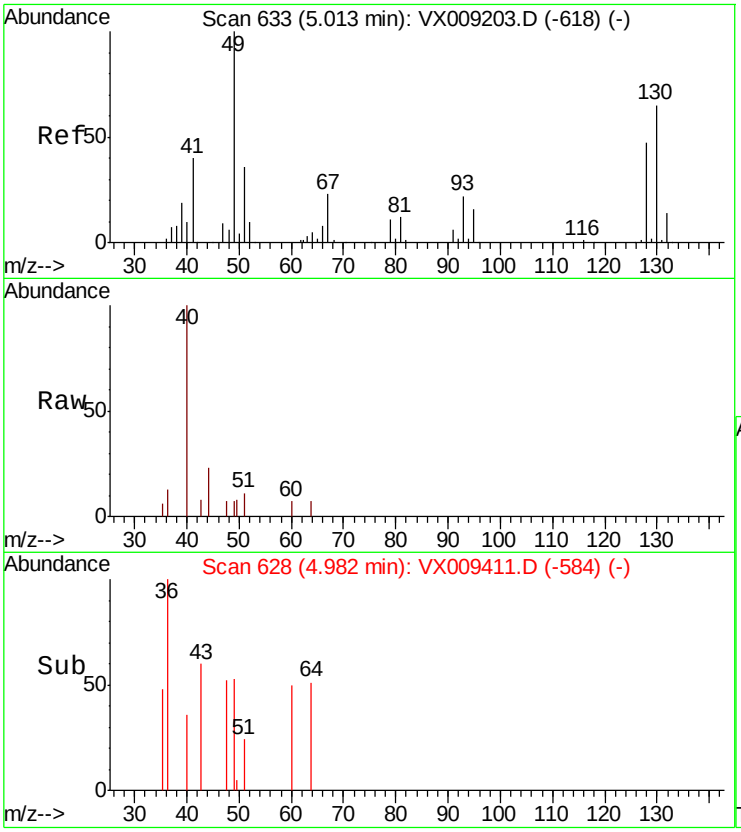


#25
2-Butanone
Concen: 1.365 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 43 Resp: 2788

Ion	Ratio	Lower	Upper
43	100		
72	14.4	18.2	27.2#



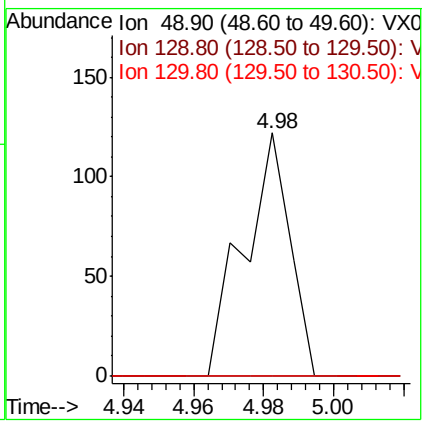


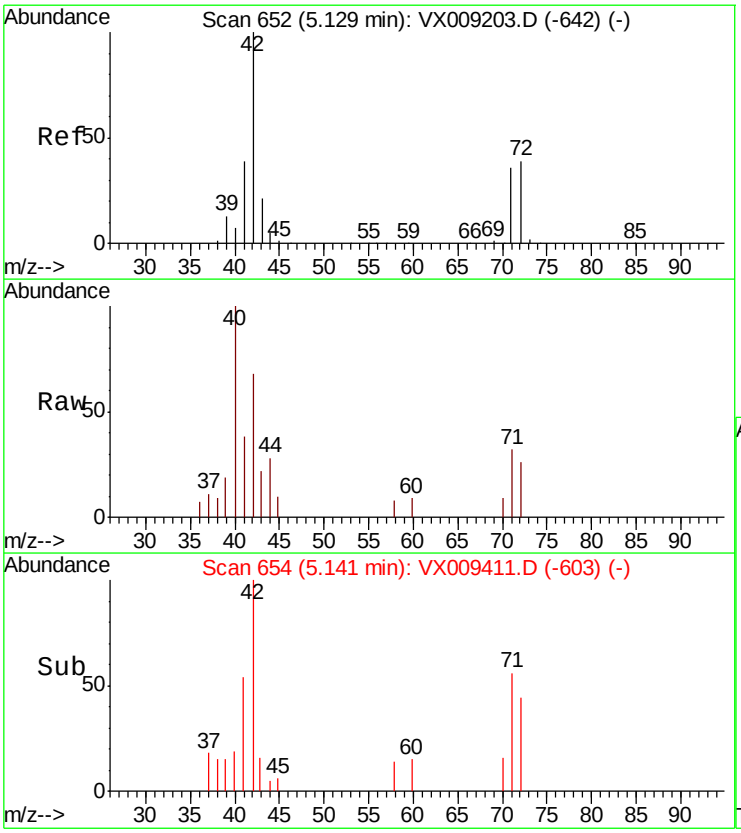
#28
Bromochloromethane
Concen: Below Cal
RT: 4.98 min Scan# 628
Delta R.T. -0.03 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion: 49 Resp: 111

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

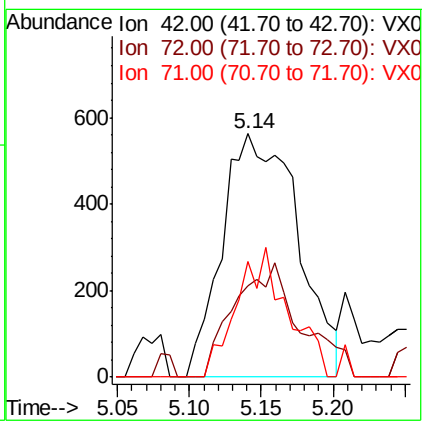


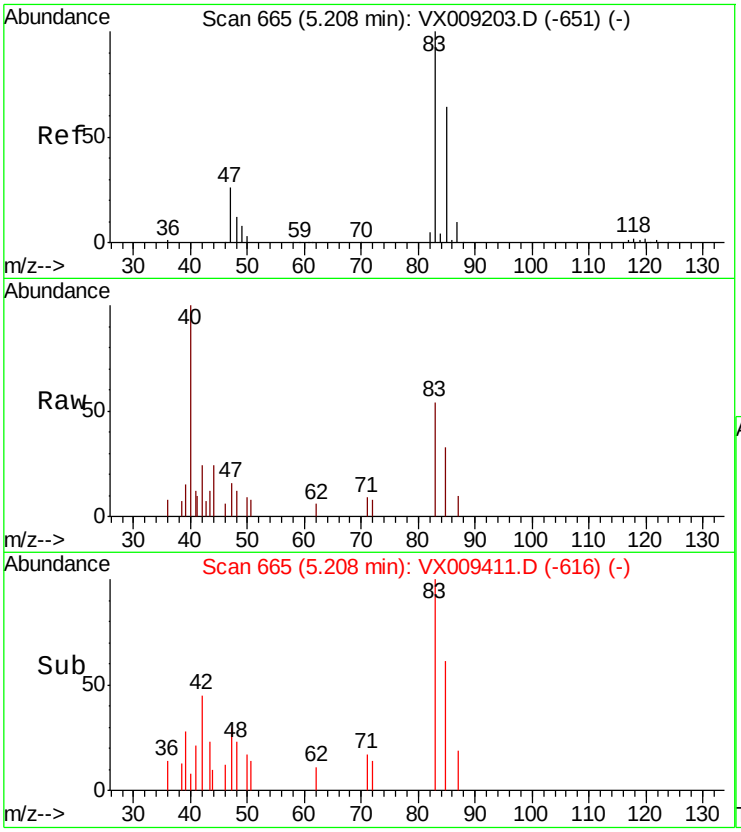


#29
Tetrahydrofuran
Concen: 1.573 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 42 Resp: 2068

Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.4	45.6
71	35.6	28.6	43.0



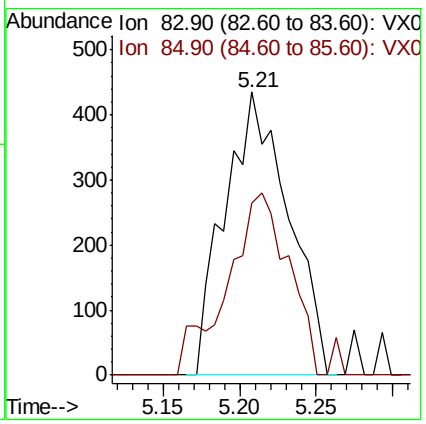


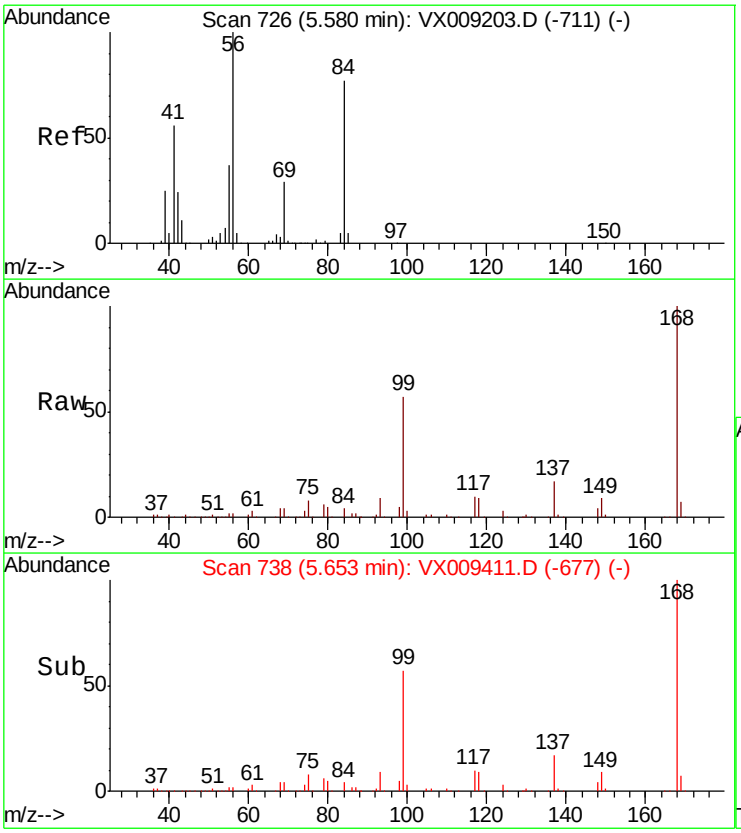
#30
Chloroform
Concen: 0.357 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 83 Resp: 1256

Ion	Ratio	Lower	Upper
83	100		
85	47.4	51.5	77.3#

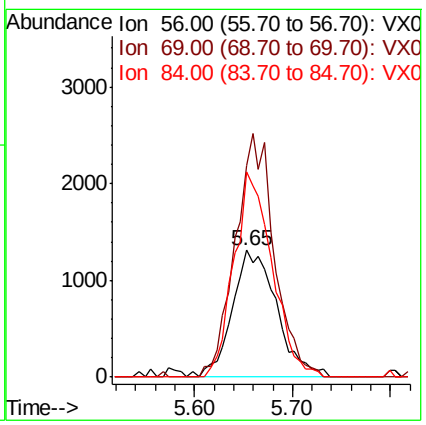


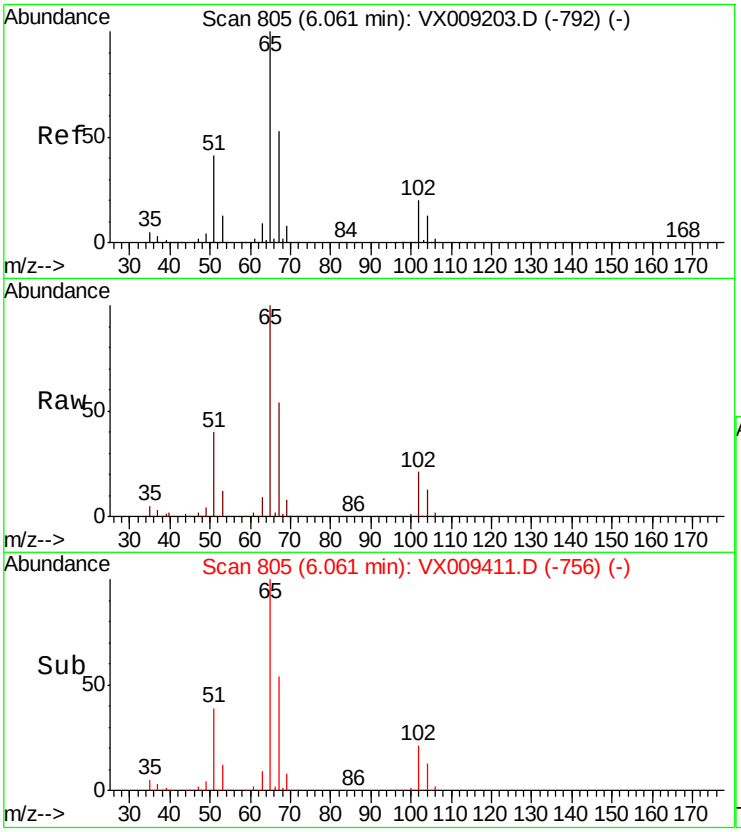


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 56 Resp: 4131

Ion	Ratio	Lower	Upper
56	100		
69	167.0	23.4	35.0#
84	162.0	61.9	92.9#



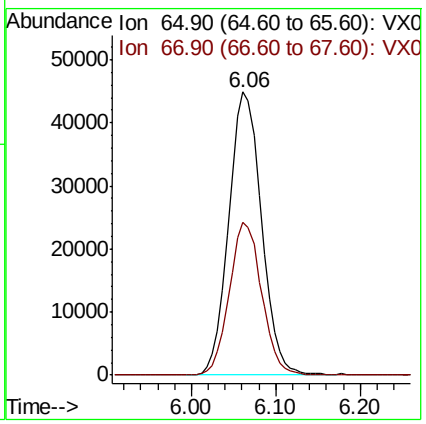


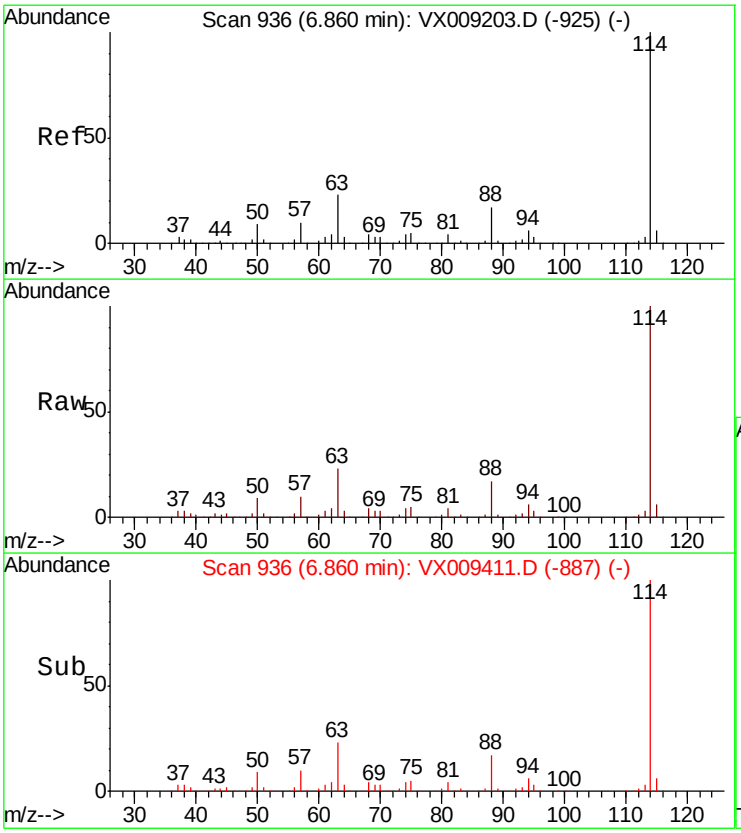
#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion: 65 Resp: 118123

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6

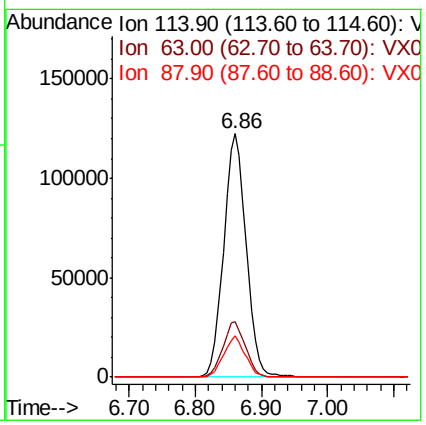


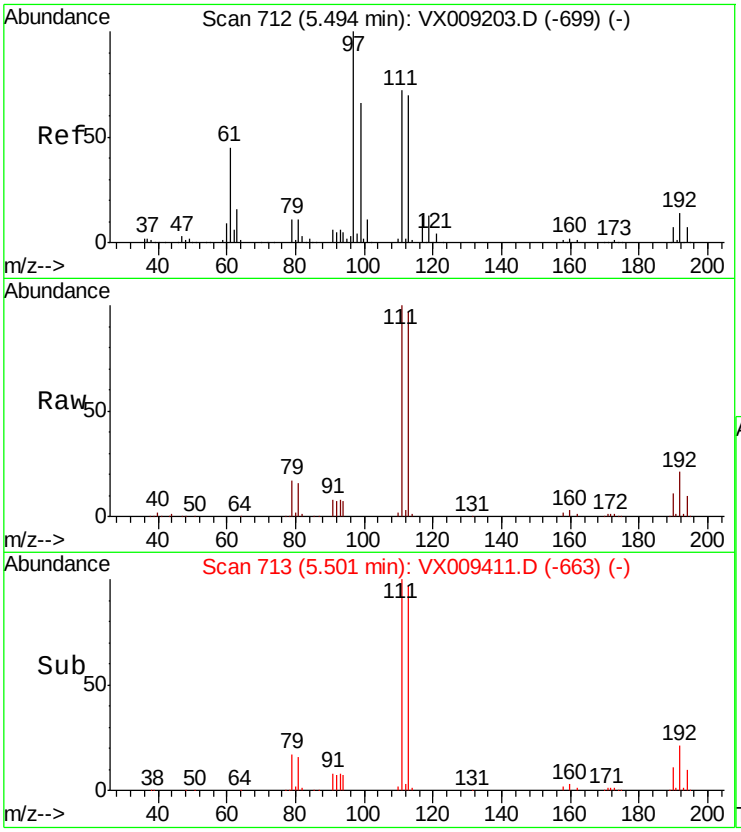


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion:114 Resp: 288330

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	16.8	0.0	33.2



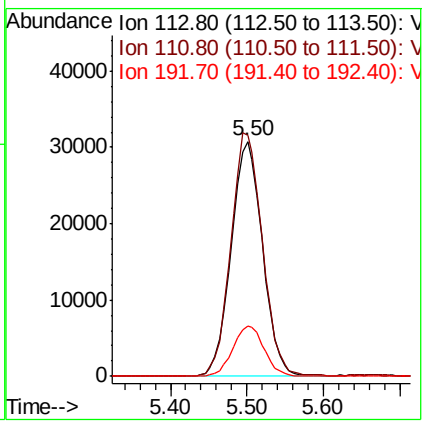


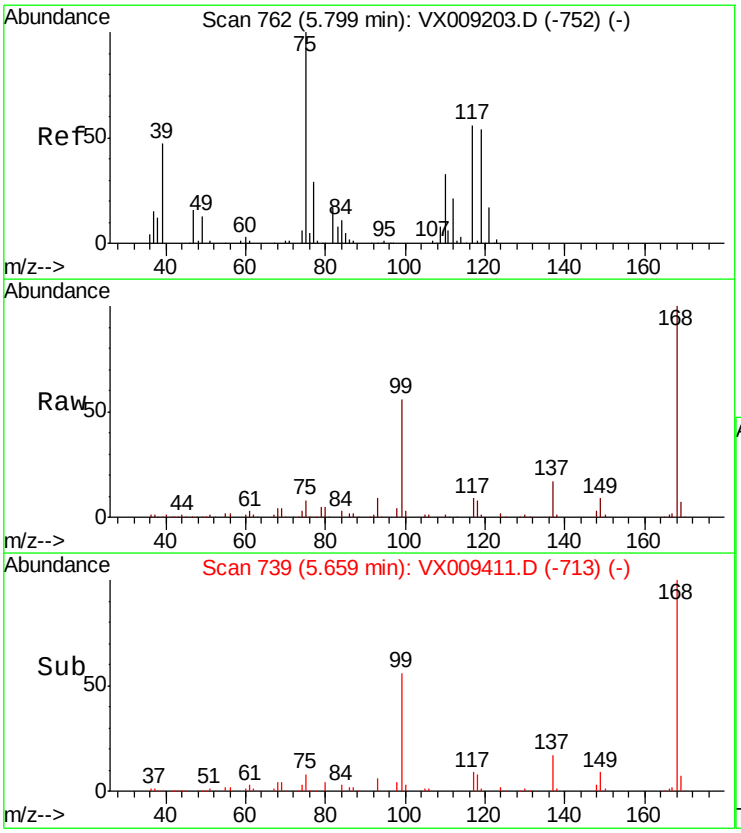
#35
Dibromofluoromethane
Concen: 48.292 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion:113 Resp: 87532

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	21.4	17.0	25.6

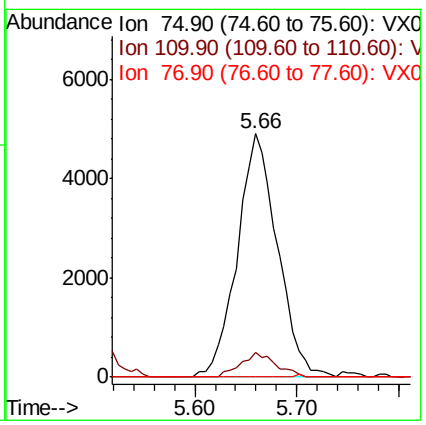


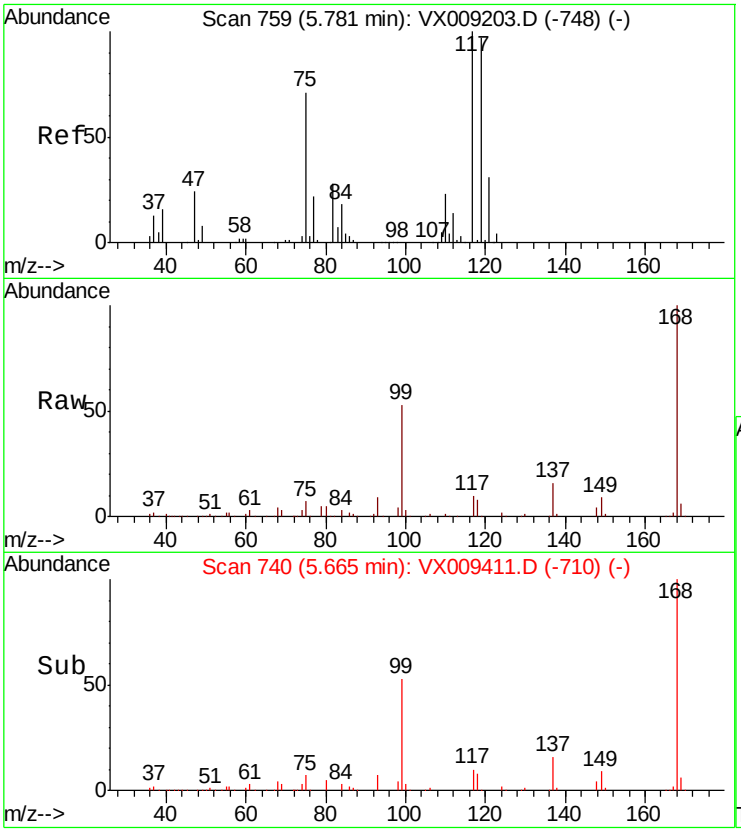


#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 75 Resp: 13425

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.6#
77	0.0	24.8	37.2#



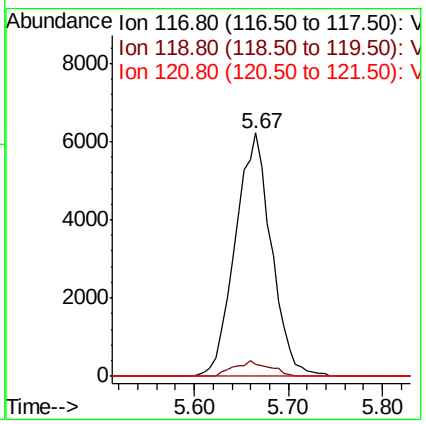


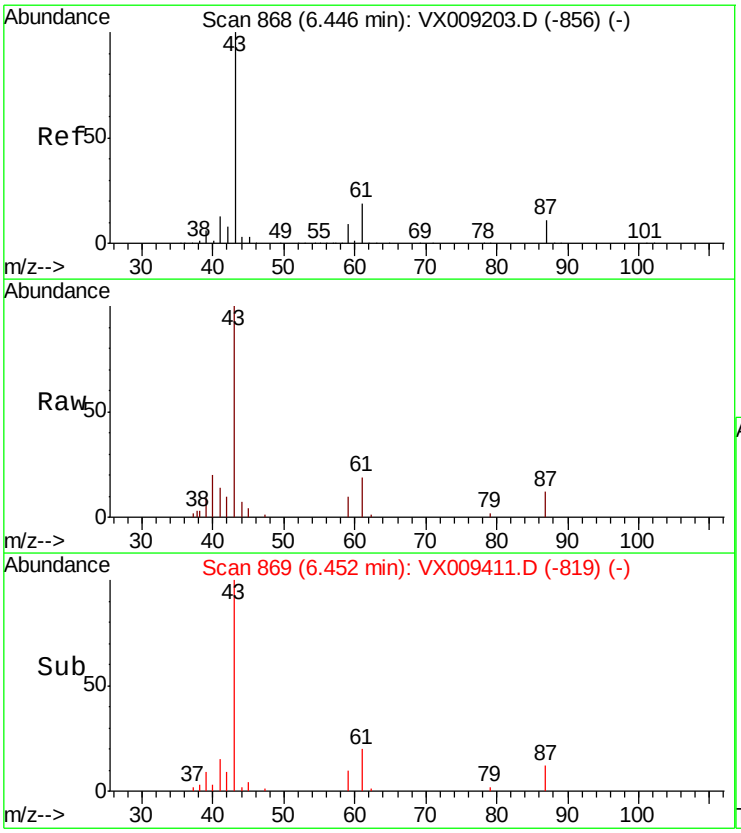
#38
Carbon Tetrachloride
Concen: 6.814 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion:117 Resp: 16589

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.5	116.3#
121	0.0	24.7	37.1#

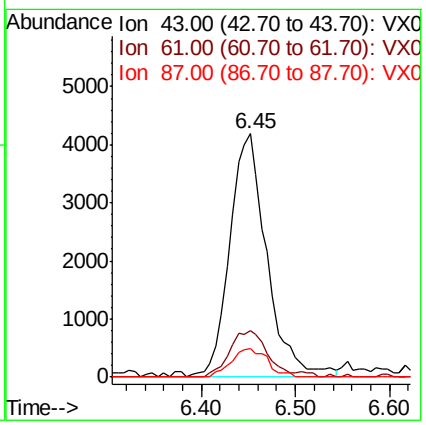


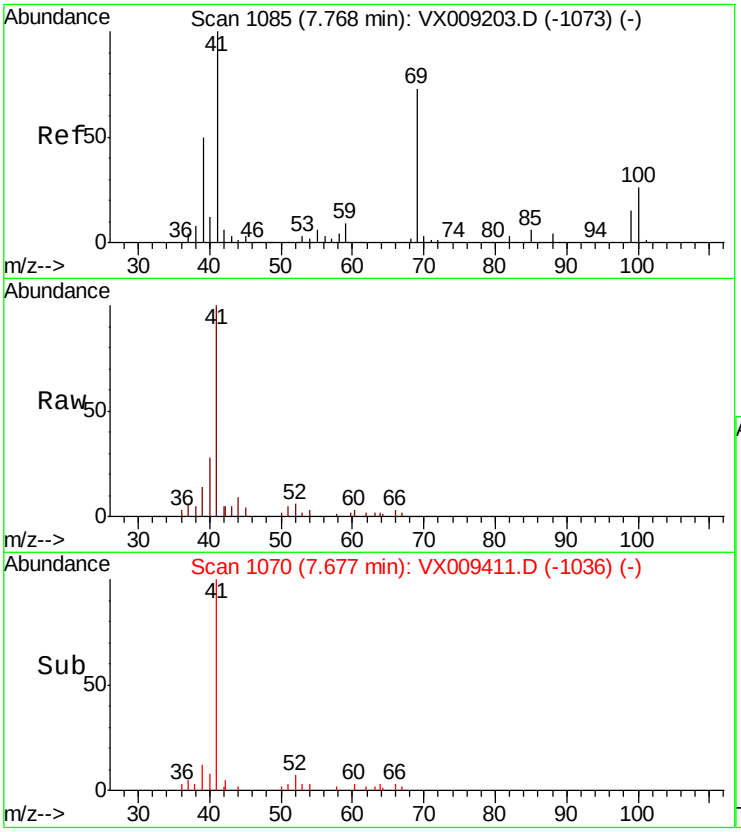


#43
Isopropyl Acetate
Concen: 1.933 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 43 Resp: 11544

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.1	22.7
87	11.4	9.0	13.6



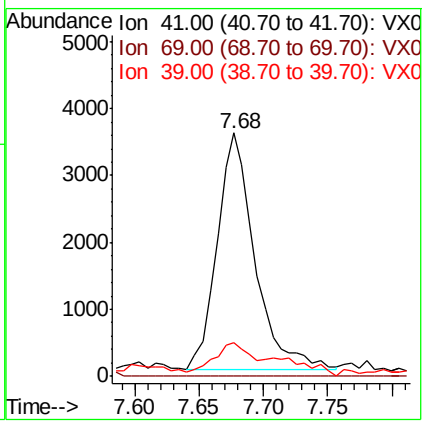


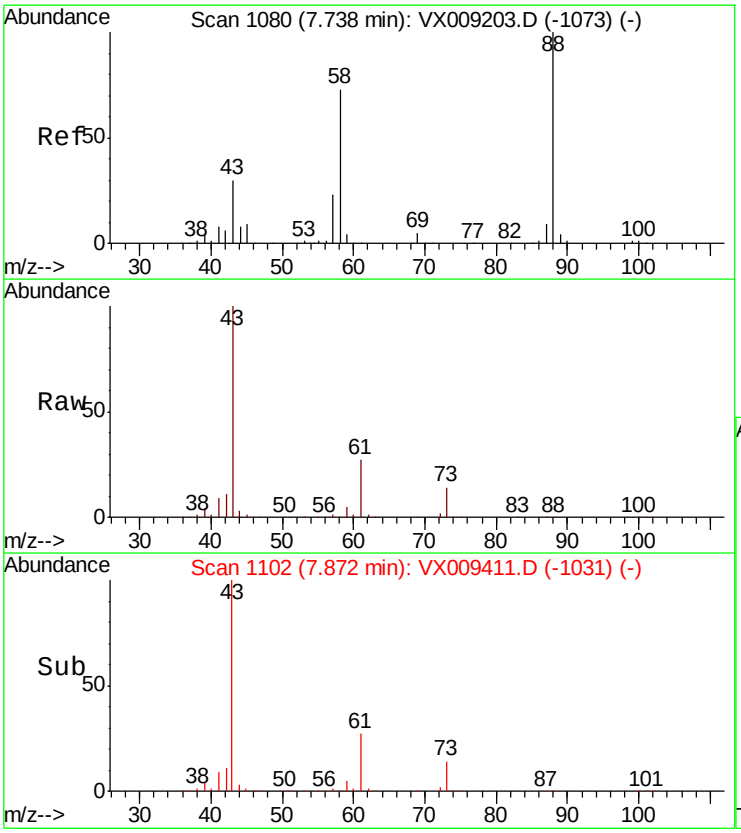
#48
Methyl methacrylate
Concen: 2.447 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion: 41 Resp: 7251

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

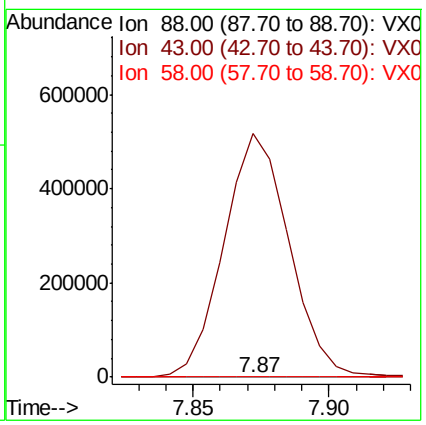


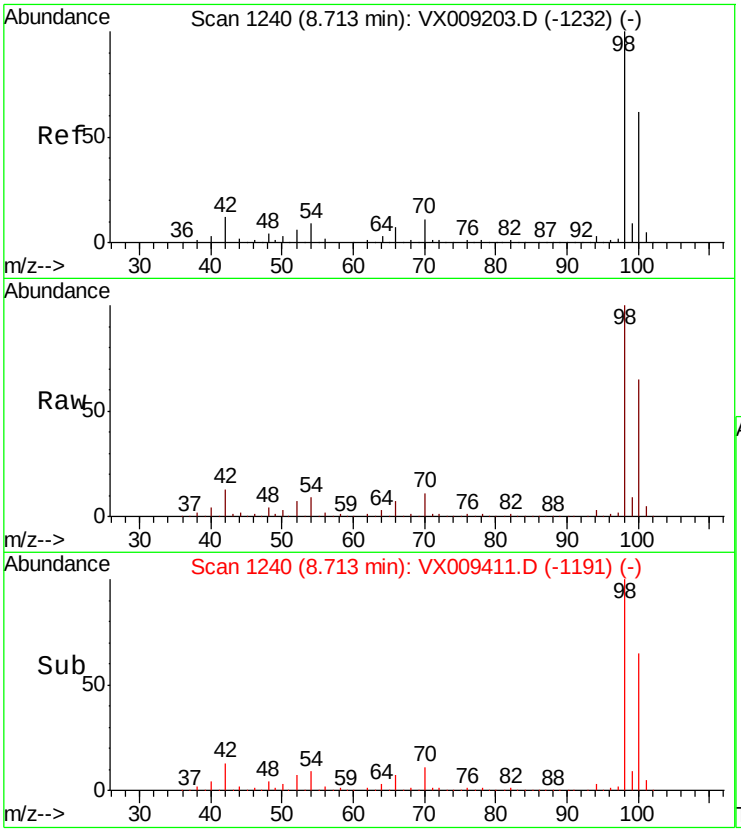


#49
1,4-Dioxane
Concen: 2.397 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 88 Resp: 144

Ion	Ratio	Lower	Upper
88	100		
43	602741.7	28.6	42.8#
58	2505.6	61.7	92.5#



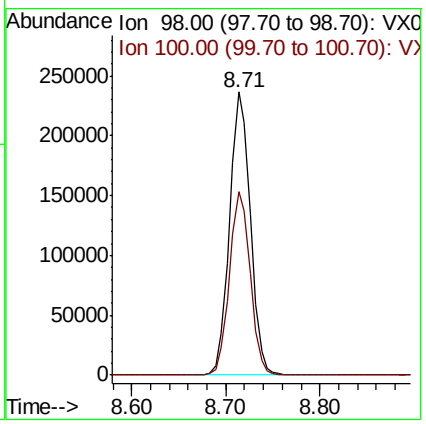


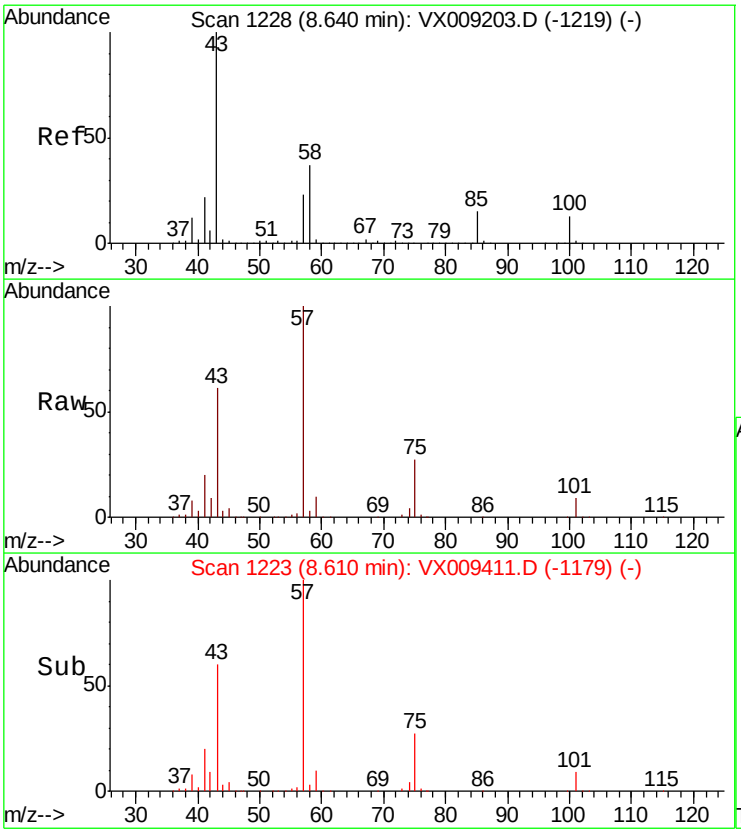
#50
Toluene-d8
Concen: 49.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 98 Resp: 362056

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8

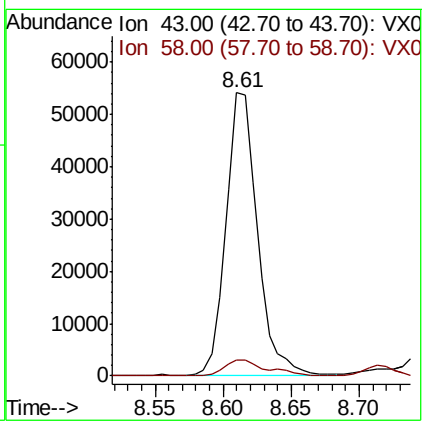


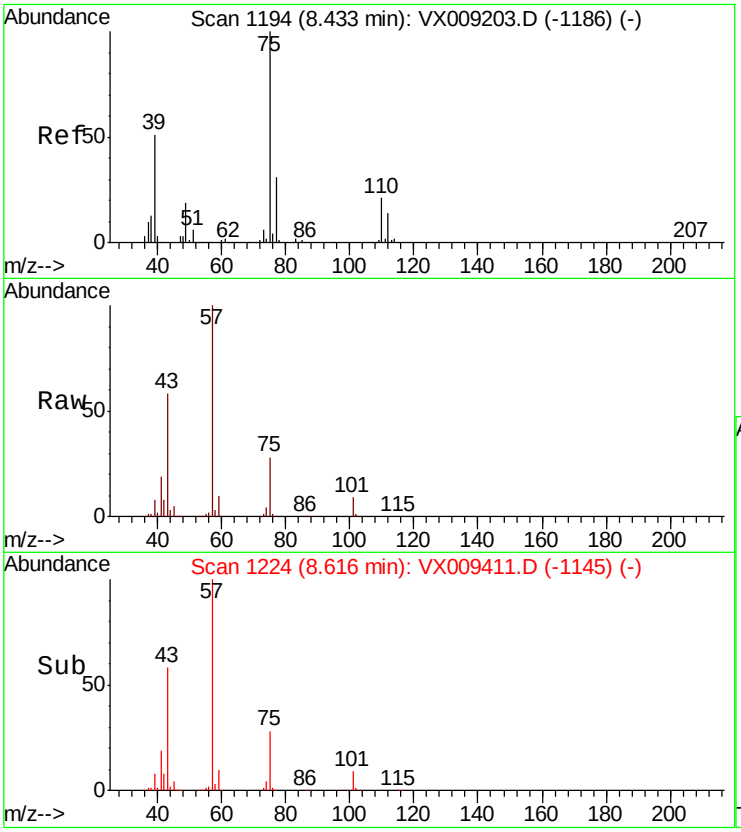


#51
4-Methyl-2-Pentanone
Concen: 22.185 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 43 Resp: 86593

Ion	Ratio	Lower	Upper
43	100		
58	7.6	29.5	44.3#



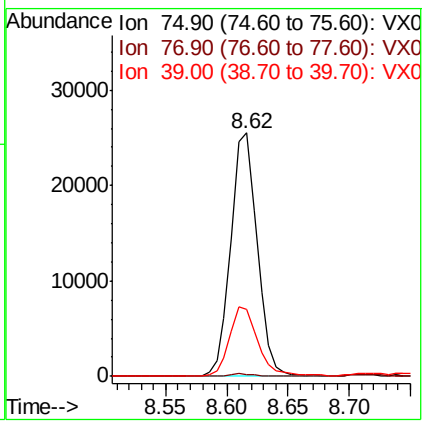


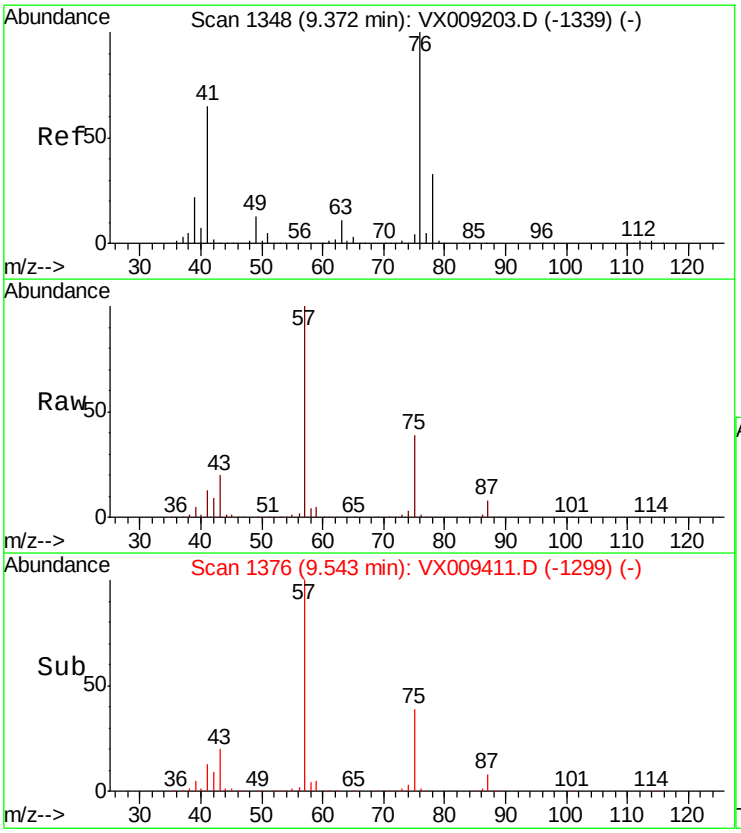
#54
cis-1,3-Dichloropropene
Concen: 11.225 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 75 Resp: 38154

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.6	36.8#
39	27.4	40.6	60.8#

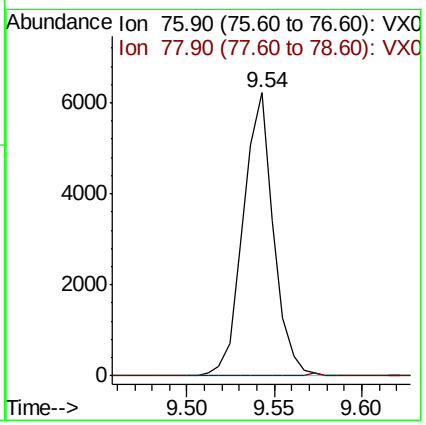


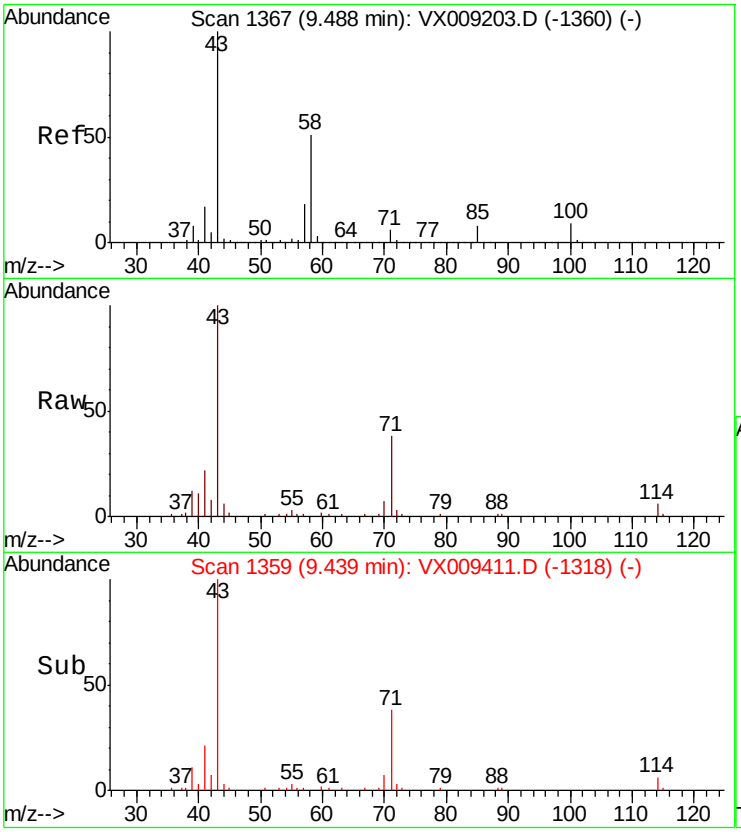


#57
1,3-Dichloropropane
Concen: 2.066 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 76 Resp: 7477

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



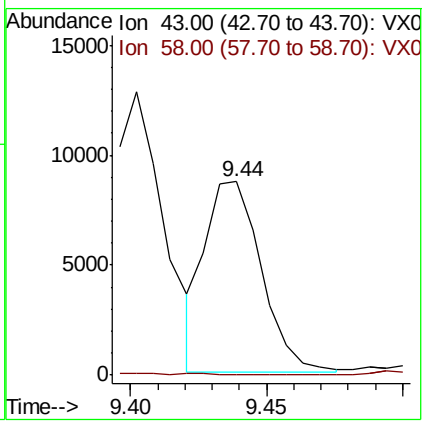


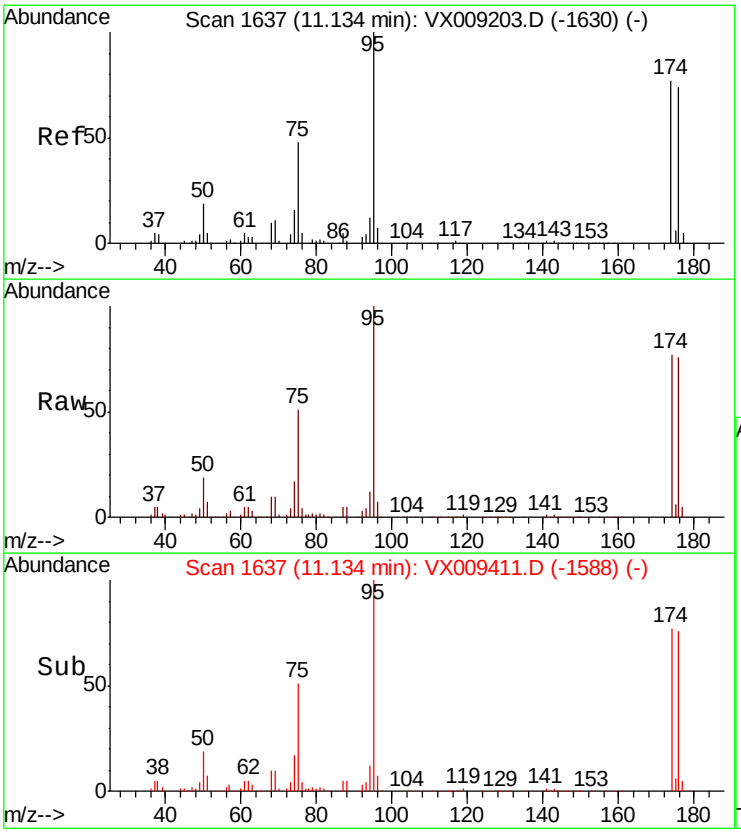
#59
2-Hexanone
Concen: 4.054 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion: 43 Resp: 12427

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#

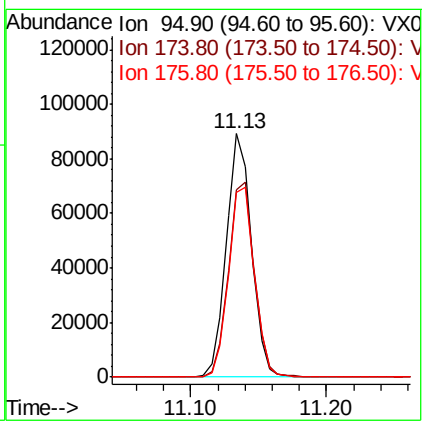


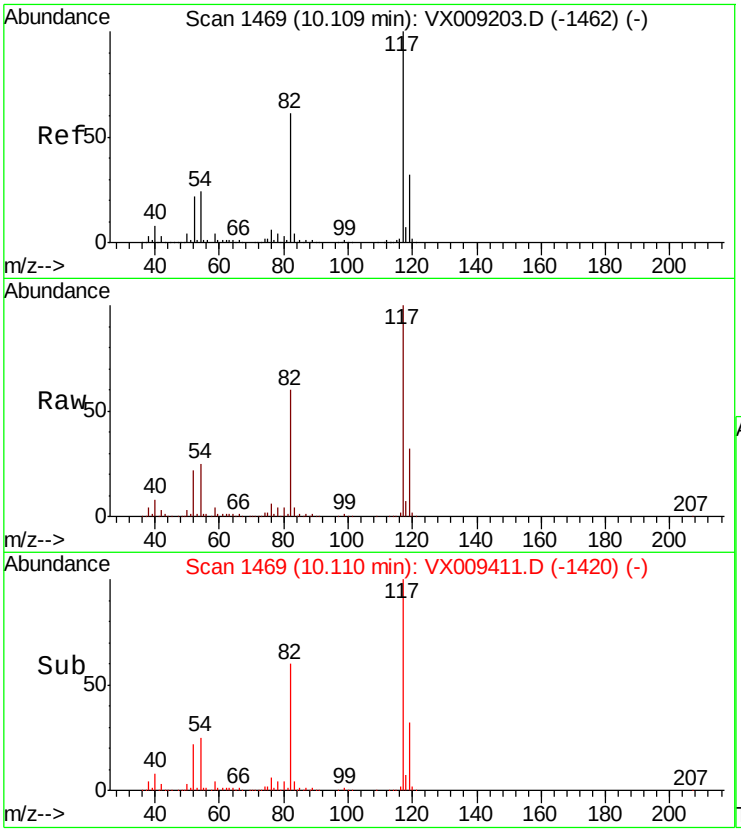


#62
4-Bromofluorobenzene
Concen: 42.924 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 95 Resp: 114134

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	161.6
176	80.6	0.0	159.2



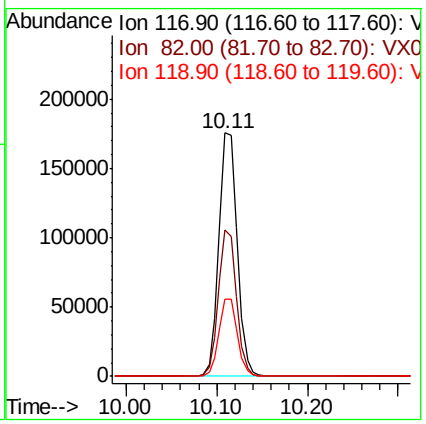


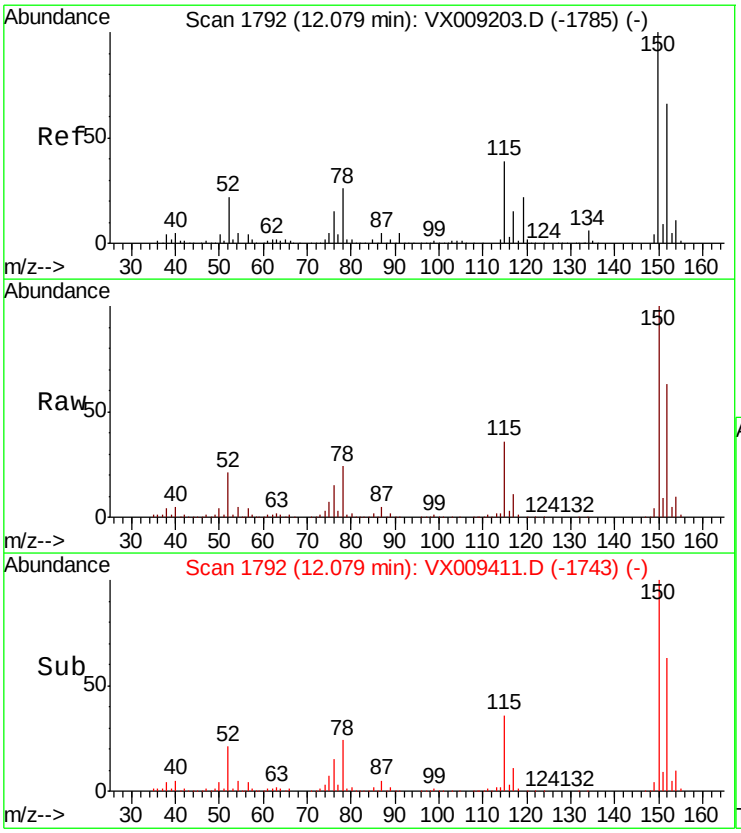
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion:117 Resp: 249251

Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.8	73.2
119	31.9	25.8	38.6

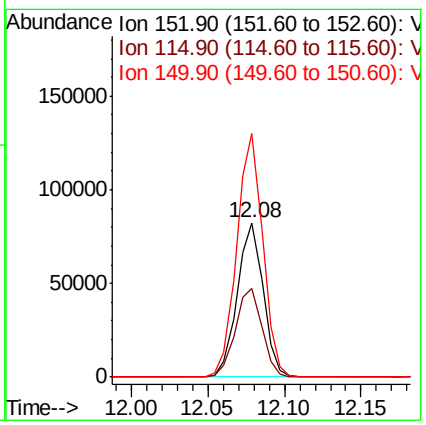


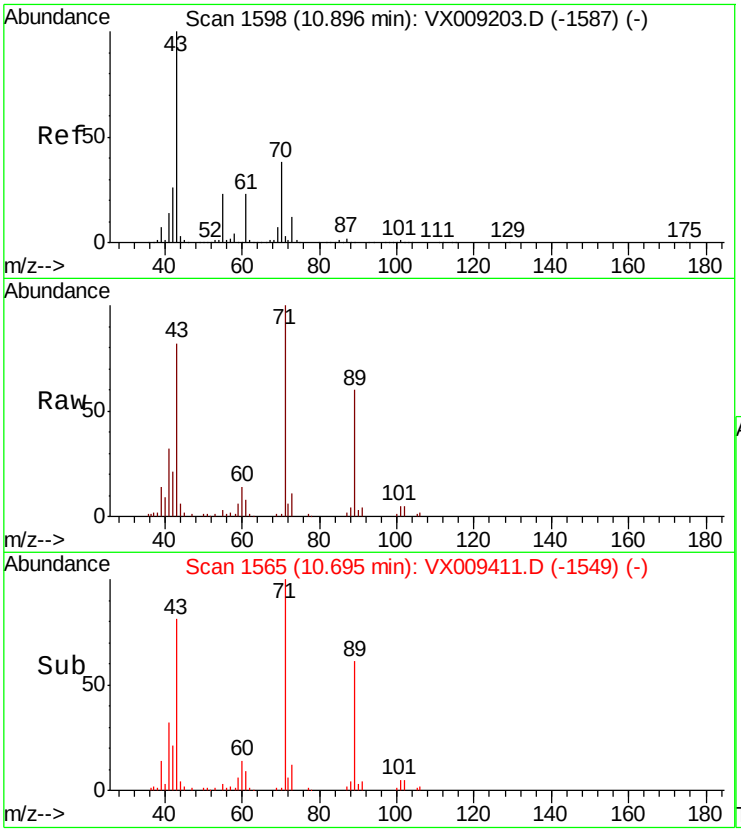


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion:152 Resp: 96313

Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.2	123.6
150	158.8	0.0	346.4



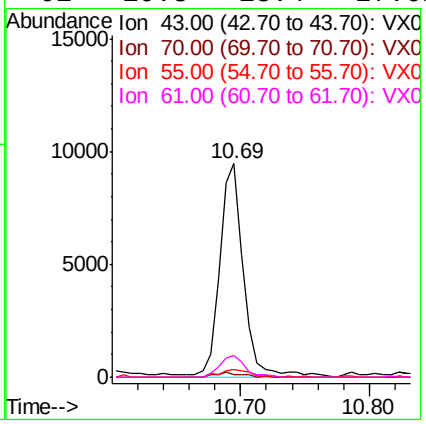


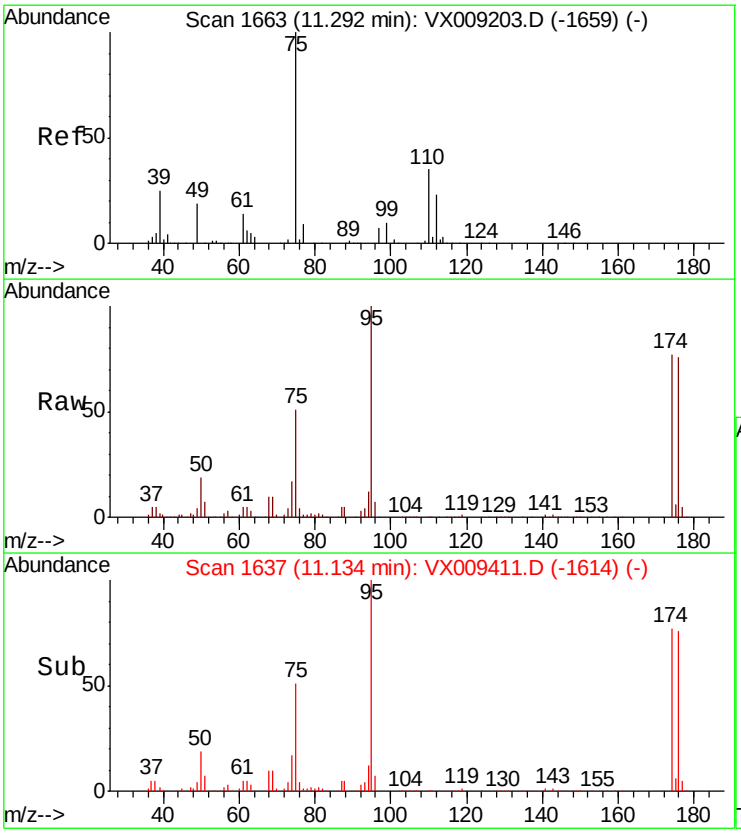
#74
N-amyl acetate
Concen: 3.032 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument : MSVOA_X
ClientSampleId : PL-02-050719-E

Tgt Ion: 43 Resp: 12380

Ion	Ratio	Lower	Upper
43	100		
70	2.6	30.0	45.0#
55	4.7	17.9	26.9#
61	10.8	18.4	27.6#

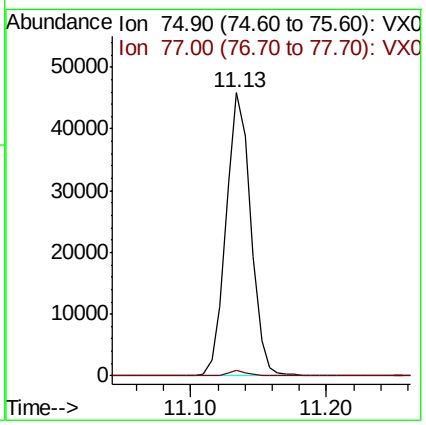


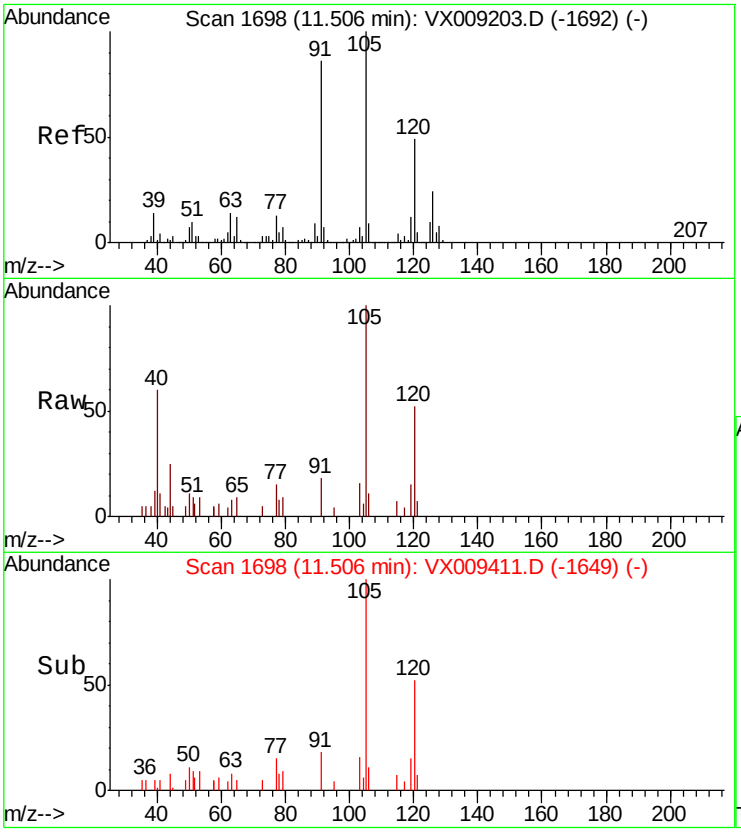


#76
1,2,3-Trichloropropane
Concen: 25.818 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 75 Resp: 57680

Ion	Ratio	Lower	Upper
75	100		
77	1.7	22.1	66.1#



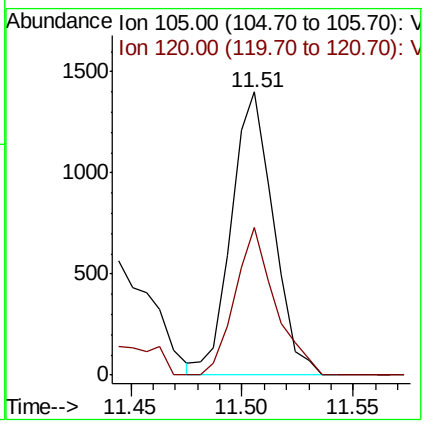


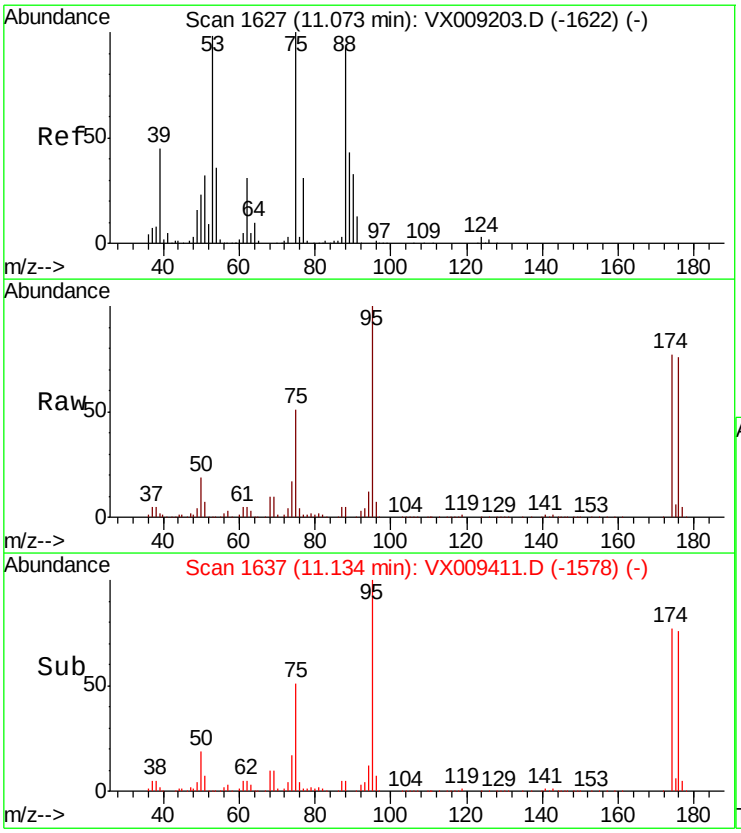
#80
1,3,5-Trimethylbenzene
Concen: 0.313 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion:105 Resp: 1845

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.3	72.9

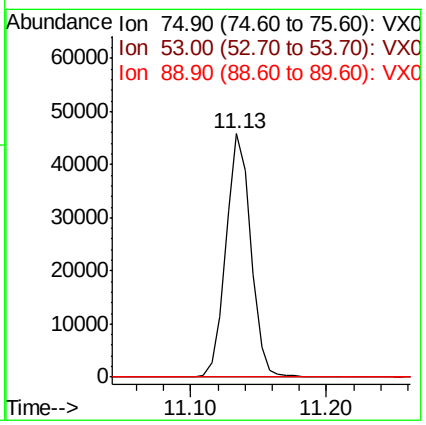


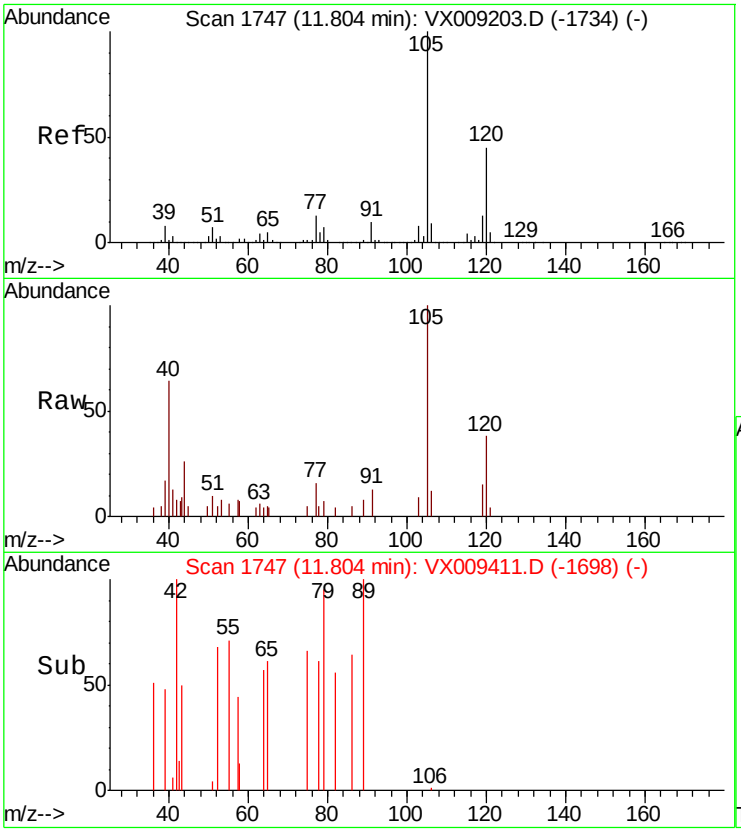


#81
trans-1,4-Dichloro-2-butene
Concen: 66.059 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion: 75 Resp: 57680

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#



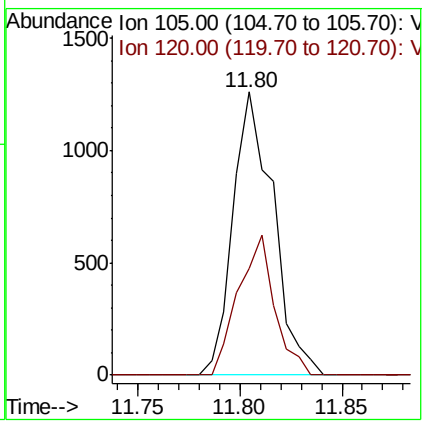


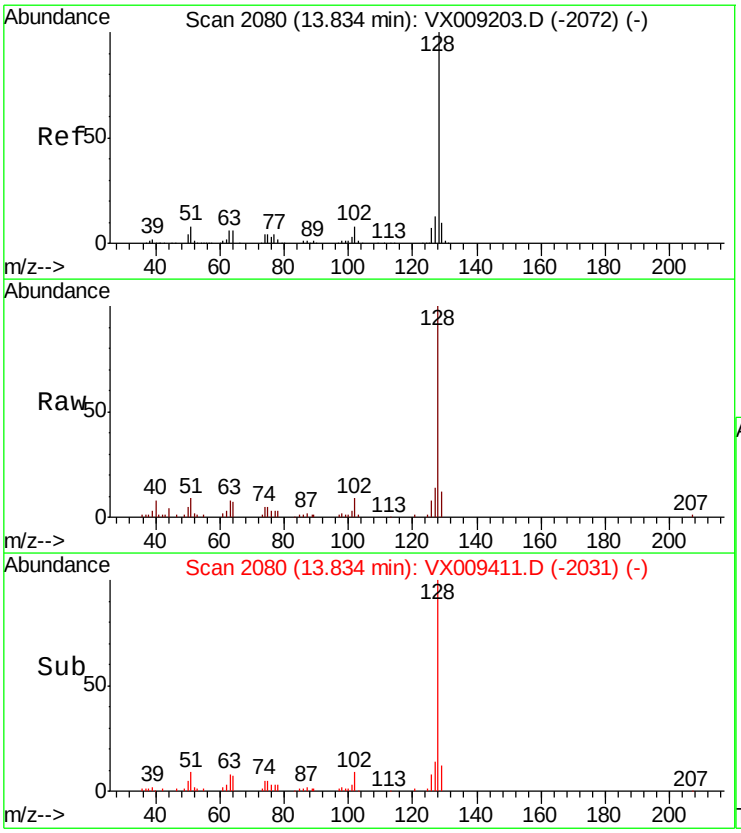
#84
1,2,4-Trimethylbenzene
Concen: 0.291 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
PL-02-050719-E

Tgt Ion:105 Resp: 1723

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0





#95
Naphthalene
Concen: 1.897 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009411.D
Acq: 08 May 2019 20:15

Tgt Ion:128 Resp: 13321

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.7	8.6	13.0