Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009410.D
Acq On : 08 May 2019 19:52
Operator : JC/SP
Sample : K2645-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 09 06:33:41 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	182492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119667	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
35) Dibromofluoromethane	5.49	113	89682	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
50) Toluene-d8	8.71	98	372549	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.13	95	125954	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.04	59	513	0.890	ug/l #	94
13) Acrolein	2.29	56	126	0.241	ug/l #	14
14) Allyl chloride	2.85	41	16265	3.898	ug/l #	31
16) Acetone	2.45	43	7565	5.655	ug/l	94
18) Methyl Acetate	2.78	43	5502	1.729	ug/l	93
20) Methylene Chloride	2.85	84	315259	145.555	ug/l	98
25) 2-Butanone	4.70	43	1253	0.603	ug/l #	72
28) Bromochloromethane	5.01	49	78	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1130	0.845	ug/l #	60
30) Chloroform	5.22	83	2221	0.620	ug/l	86
31) Cyclohexane	5.67	56	3734	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14206	5.206	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16837	6.792	ug/l #	16
43) Isopropyl Acetate	6.45	43	11608	1.909	ug/l	96
47) Bromodichloromethane	7.90	83	634	0.229	ug/l #	83
48) Methyl methacrylate	7.68	41	7701	2.553	ug/l #	18
49) 1,4-Dioxane	7.87	88	187	3.056	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	88735	22.325	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	39623	11.448	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8977	2.436	ug/l #	43
59) 2-Hexanone	9.44	43	12264	3.929	ug/l #	26
68) m/p-Xylenes	10.35	106	1472	0.414	ug/l	98
69) o-Xylene	10.70	106	777	0.222	ug/l	95
74) N-amyl acetate	10.69	43	12089	2.480	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	63043	23.634	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2929	0.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	63043	60.471	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	8756	1.239	ug/l	99
95) Naphthalene	13.83	128	39471	4.708	ug/l	98

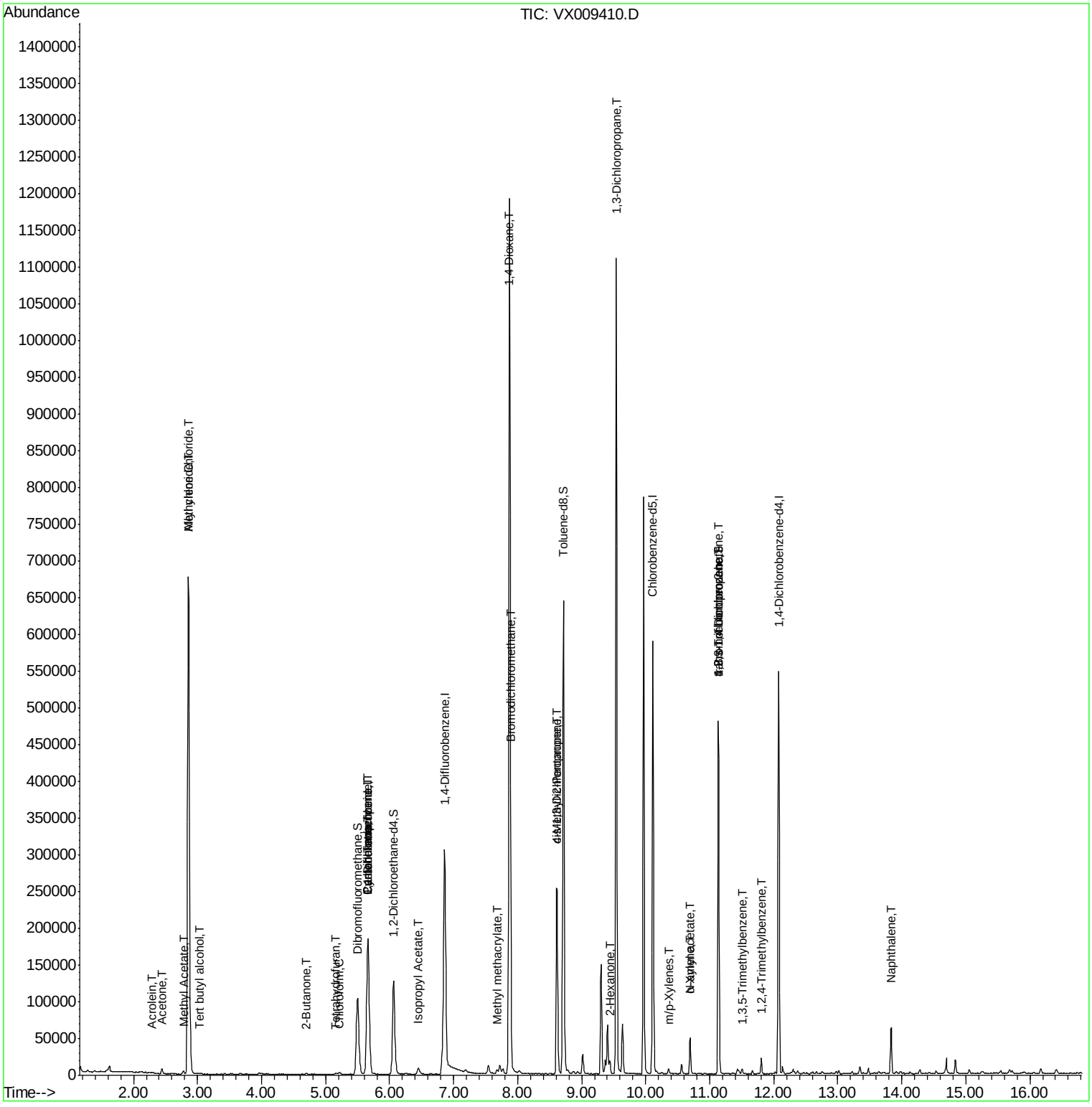
(#) = qualifier out of range (m) = manual integration (+) = signals summed

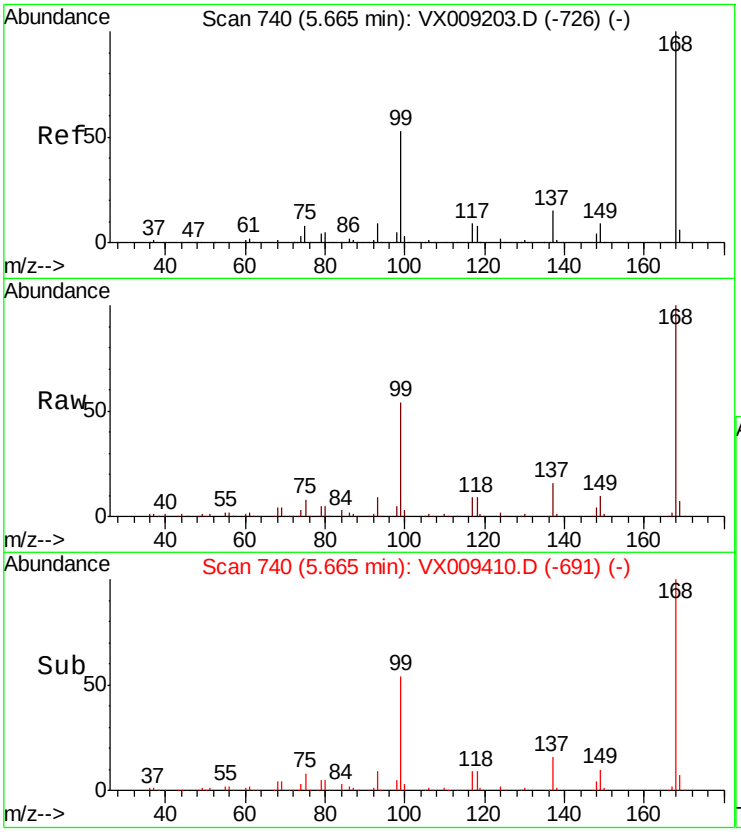
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009410.D
Acq On : 08 May 2019 19:52
Operator : JC/SP
Sample : K2645-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 09 06:33:41 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



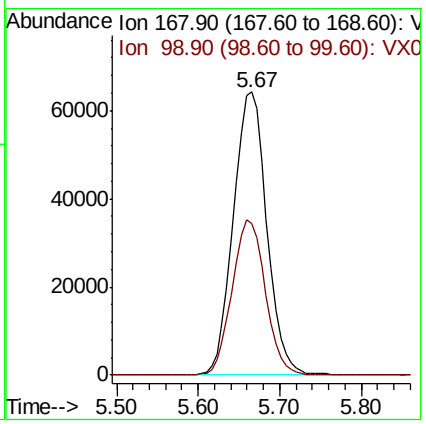


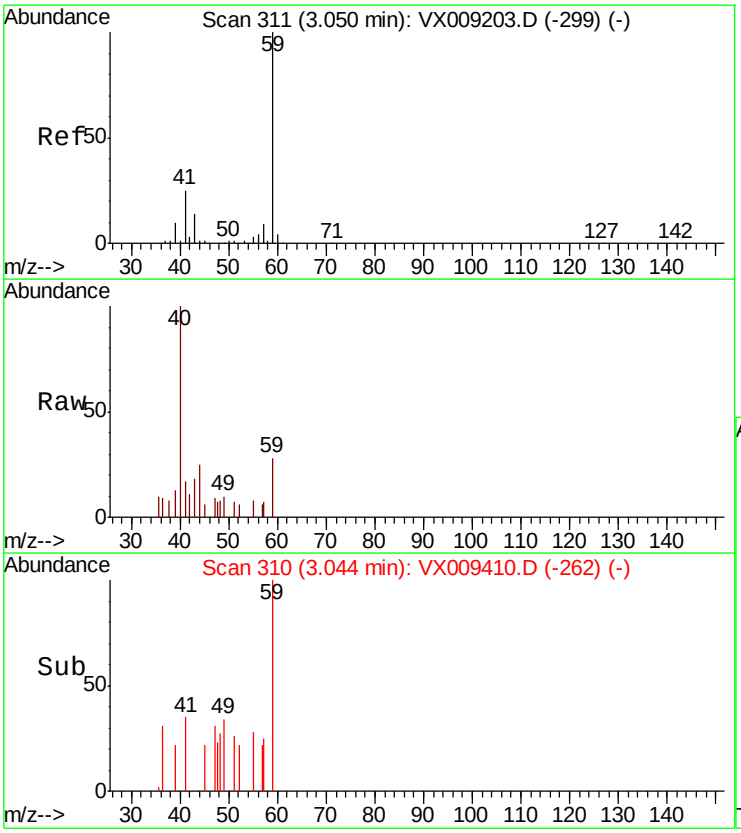
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:168 Resp: 182492

Ion	Ratio	Lower	Upper
168	100		
99	53.7	42.3	63.5

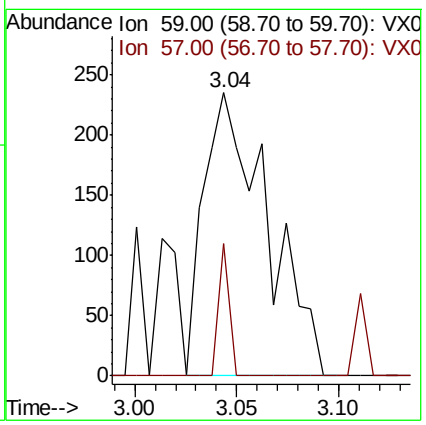


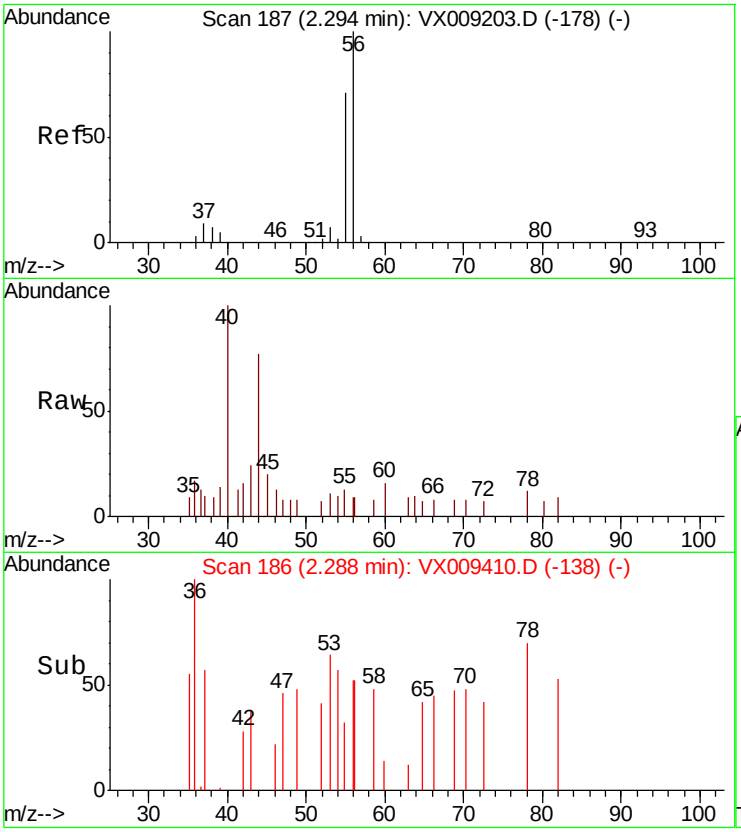


#11
Tert butyl alcohol
Concen: 0.890 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 59 Resp: 513

Ion	Ratio	Lower	Upper
59	100		
57	7.8	8.2	12.2#



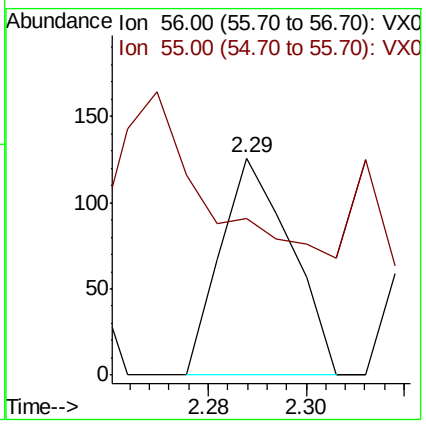


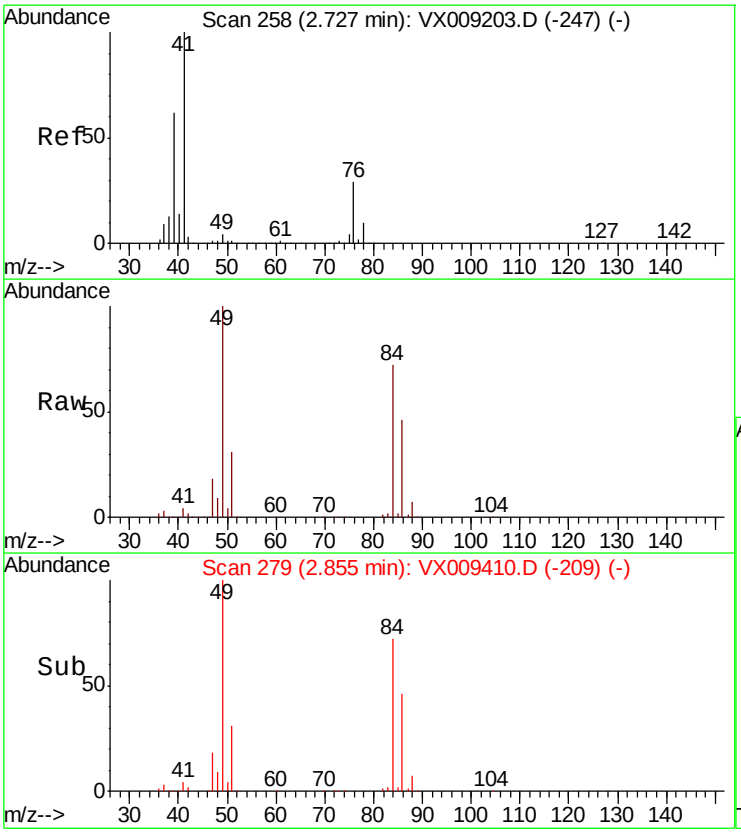
#13
Acrolein
Concen: 0.241 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 56 Resp: 126

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

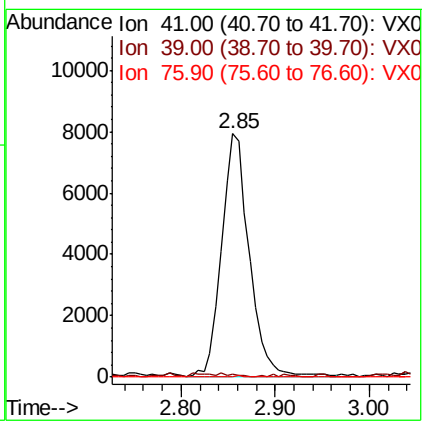


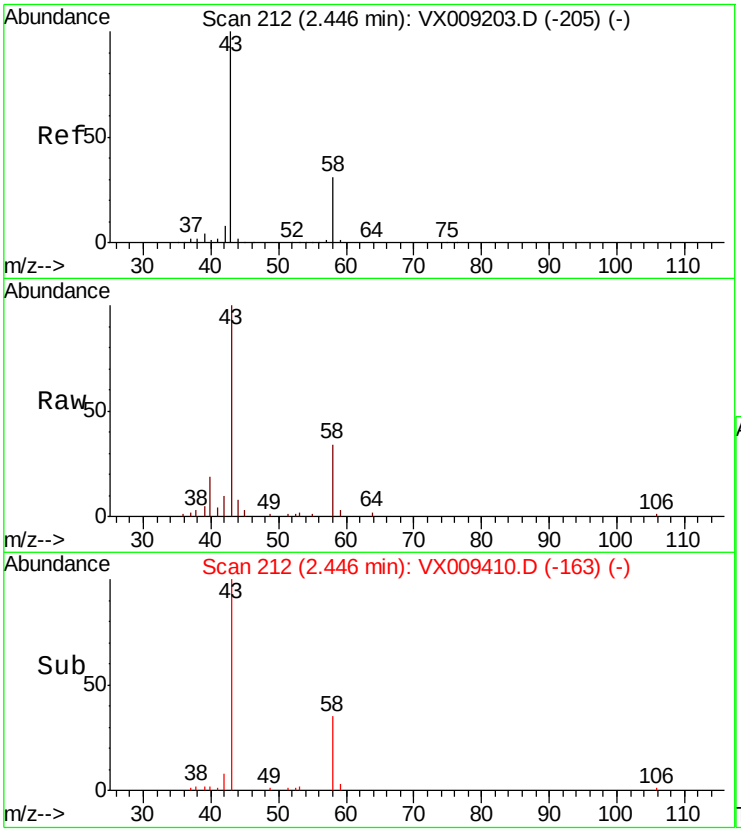


#14
Allyl chloride
Concen: 3.898 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 41 Resp: 16265

Ion	Ratio	Lower	Upper
41	100		
39	1.1	46.7	70.1#
76	0.1	21.8	32.8#



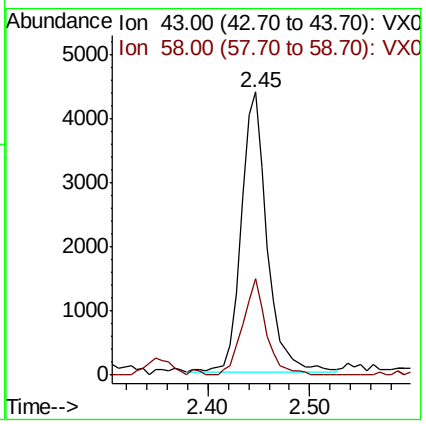


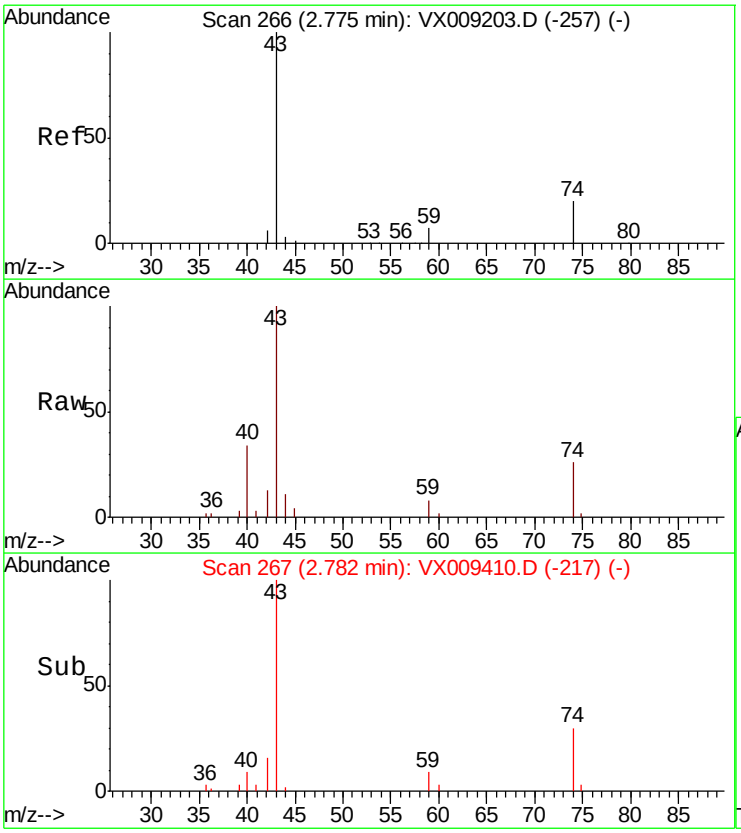
#16
Acetone
Concen: 5.655 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 43 Resp: 7565

Ion	Ratio	Lower	Upper
43	100		
58	34.5	24.9	37.3

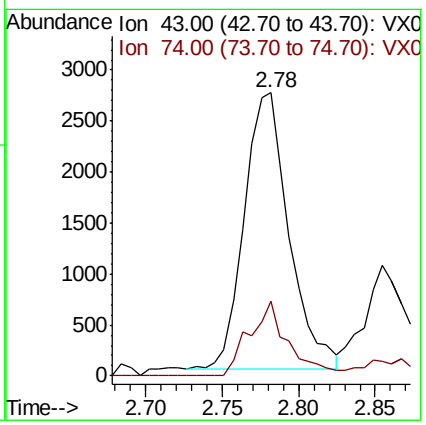


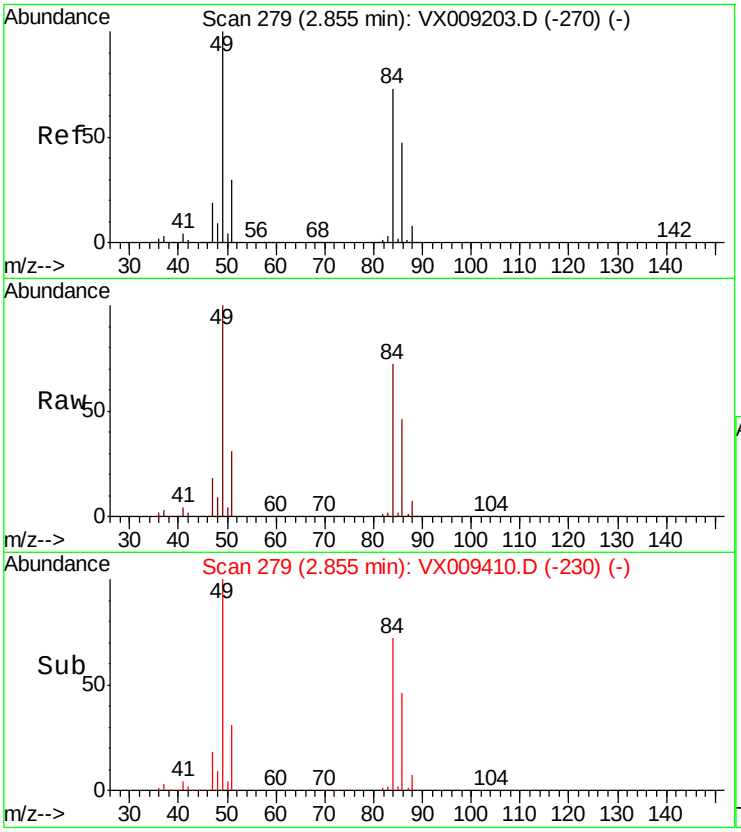


#18
Methyl Acetate
Concen: 1.729 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 5502

Ion	Ratio	Lower	Upper
43	100		
74	23.4	16.2	24.4



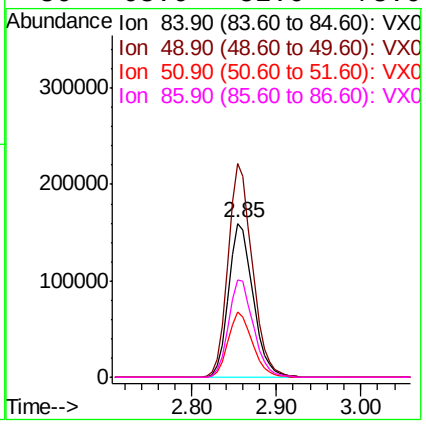


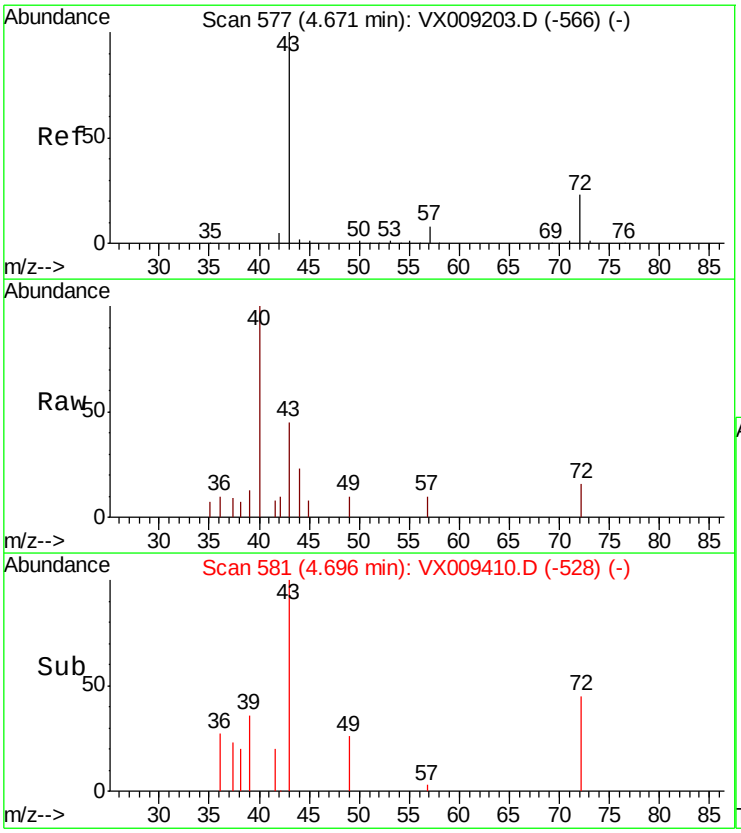
#20
Methylene Chloride
Concen: 145.555 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 84 Resp: 315259

Ion	Ratio	Lower	Upper
84	100		
49	138.8	109.9	164.9
51	42.6	32.7	49.1
86	63.6	52.0	78.0

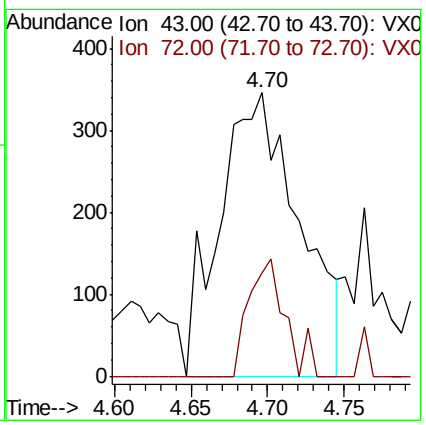


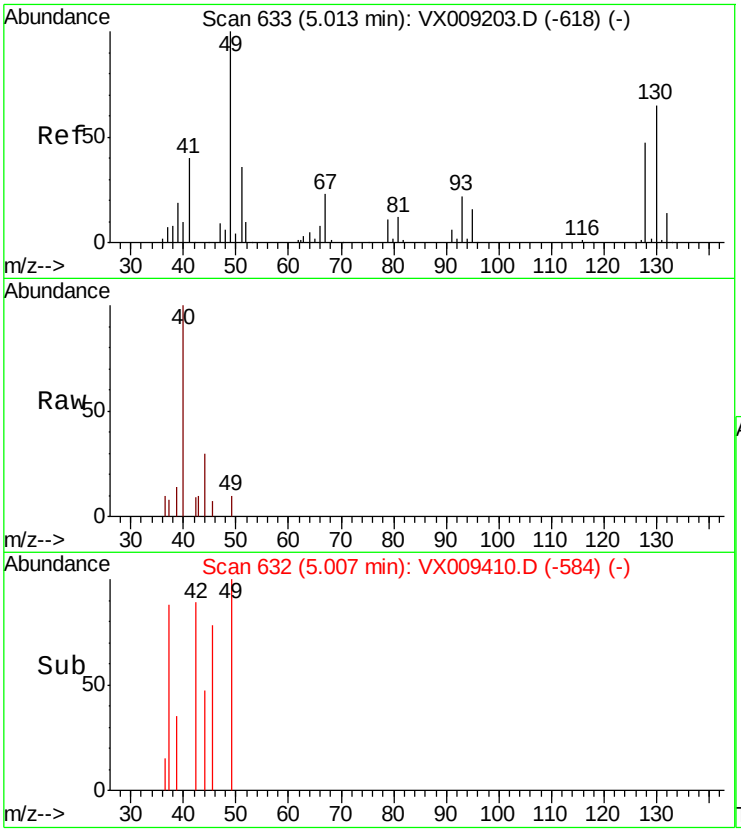


#25
2-Butanone
Concen: 0.603 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 1253

Ion	Ratio	Lower	Upper
43	100		
72	36.4	18.2	27.2#



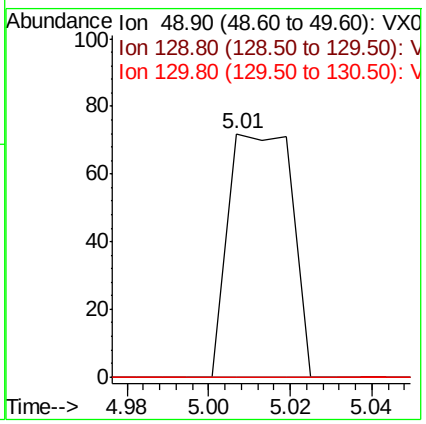


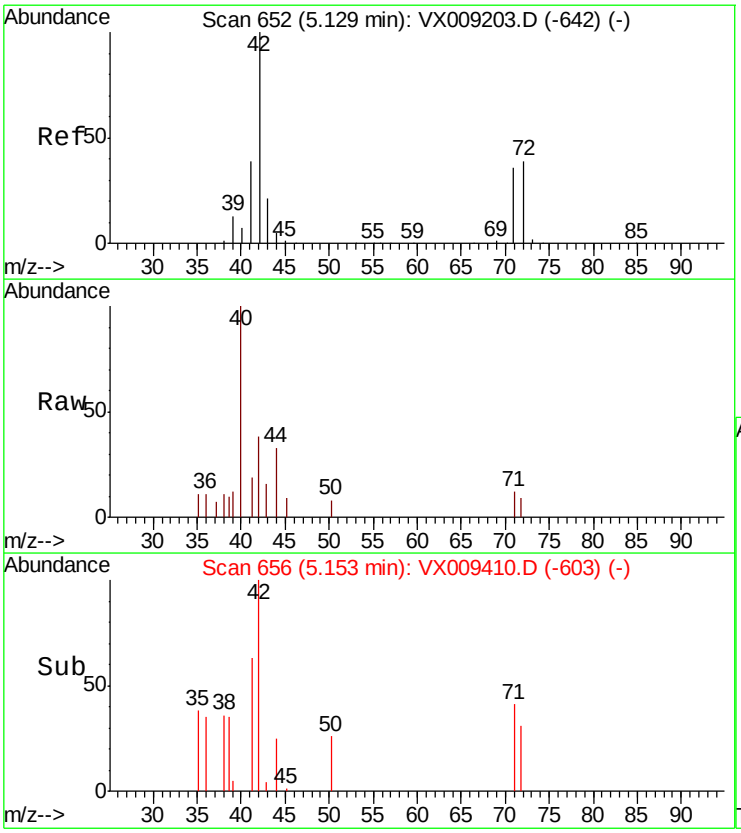
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 49 Resp: 78

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

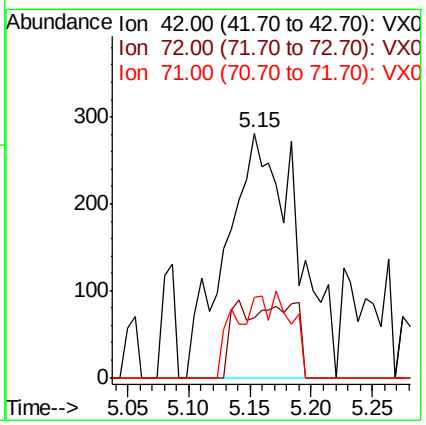


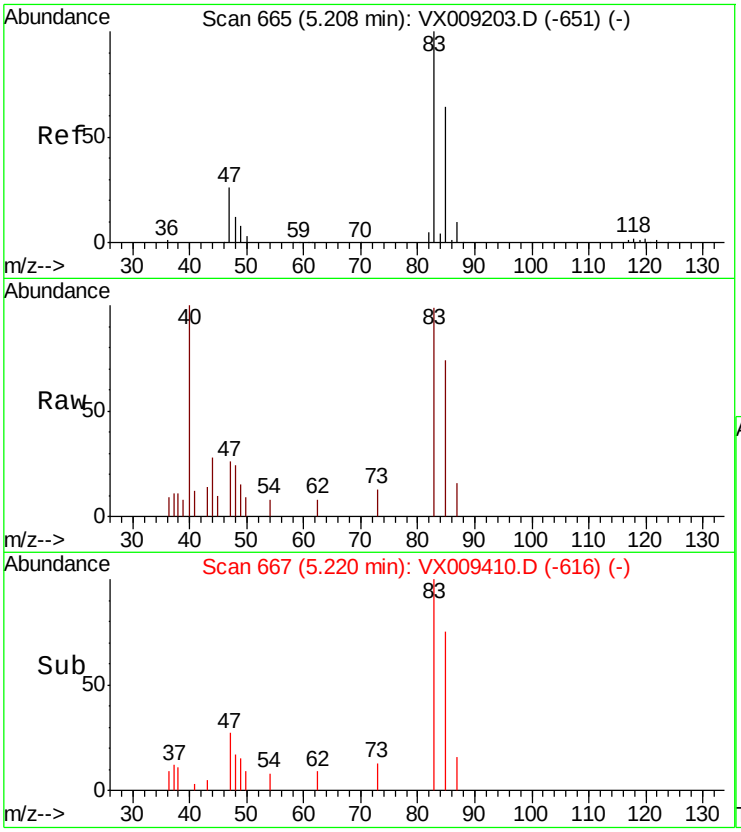


#29
Tetrahydrofuran
Concen: 0.845 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 42 Resp: 1130

Ion	Ratio	Lower	Upper
42	100		
72	9.8	30.4	45.6#
71	16.5	28.6	43.0#



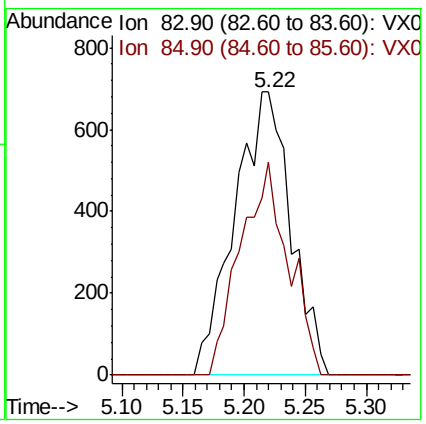


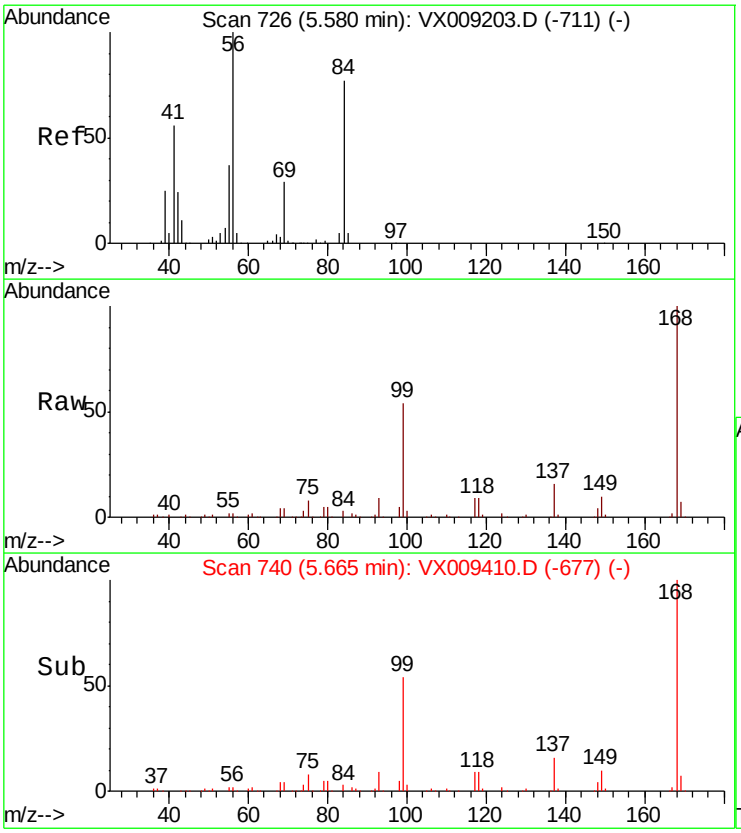
#30
Chloroform
Concen: 0.620 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 83 Resp: 2221

Ion	Ratio	Lower	Upper
83	100		
85	75.3	51.5	77.3

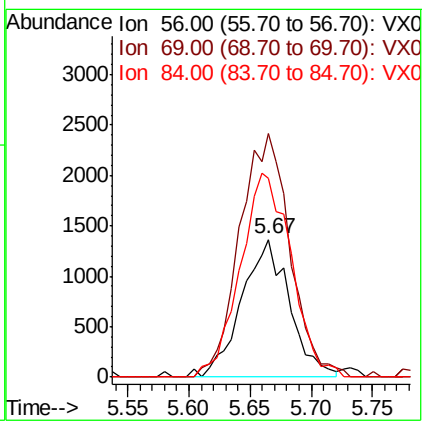


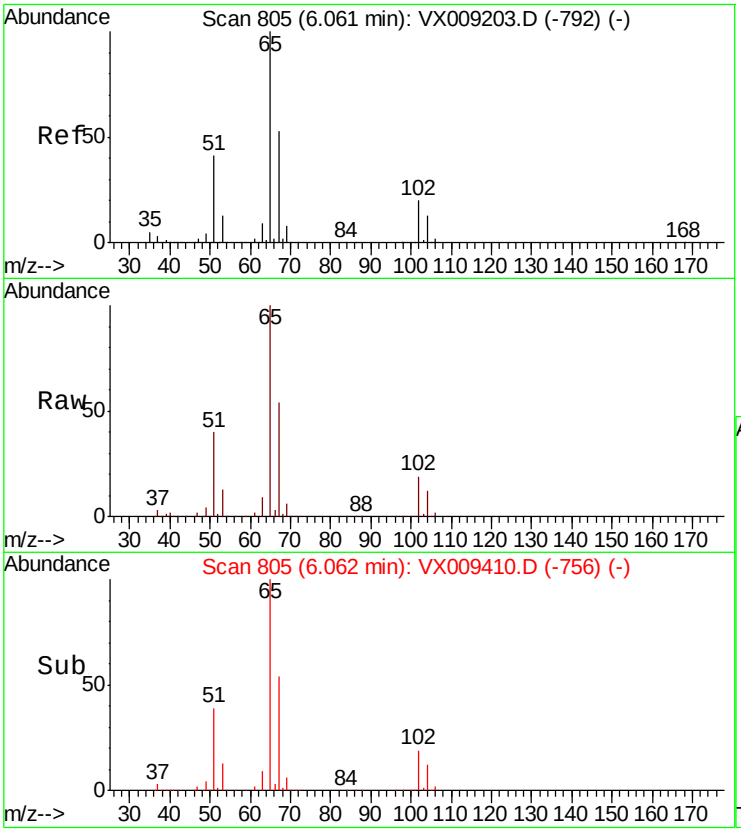


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 56 Resp: 3734

Ion	Ratio	Lower	Upper
56	100		
69	177.3	23.4	35.0#
84	144.8	61.9	92.9#



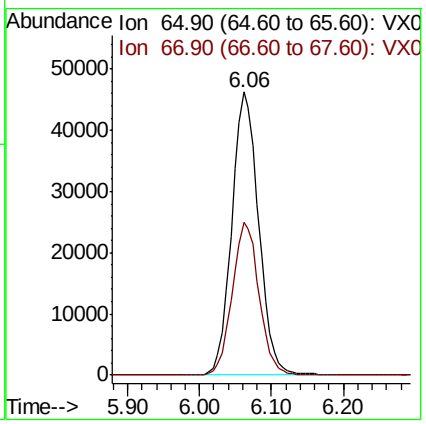


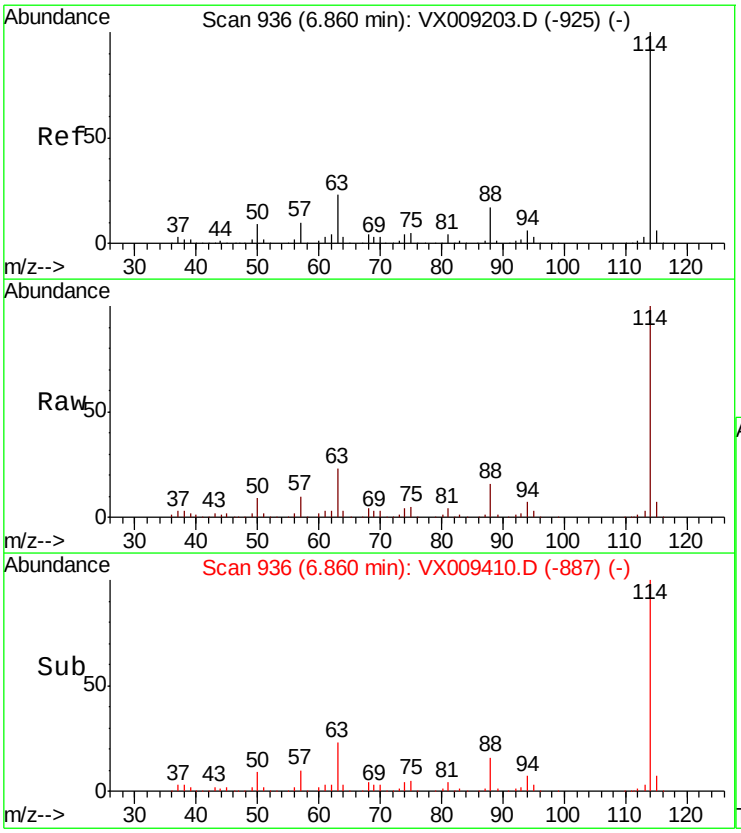
#33
1,2-Dichloroethane-d4
Concen: 48.035 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 65 Resp: 119667

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.6

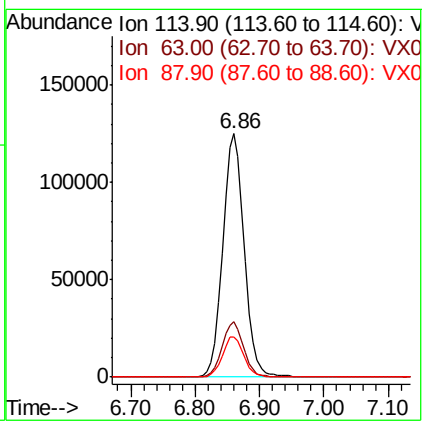


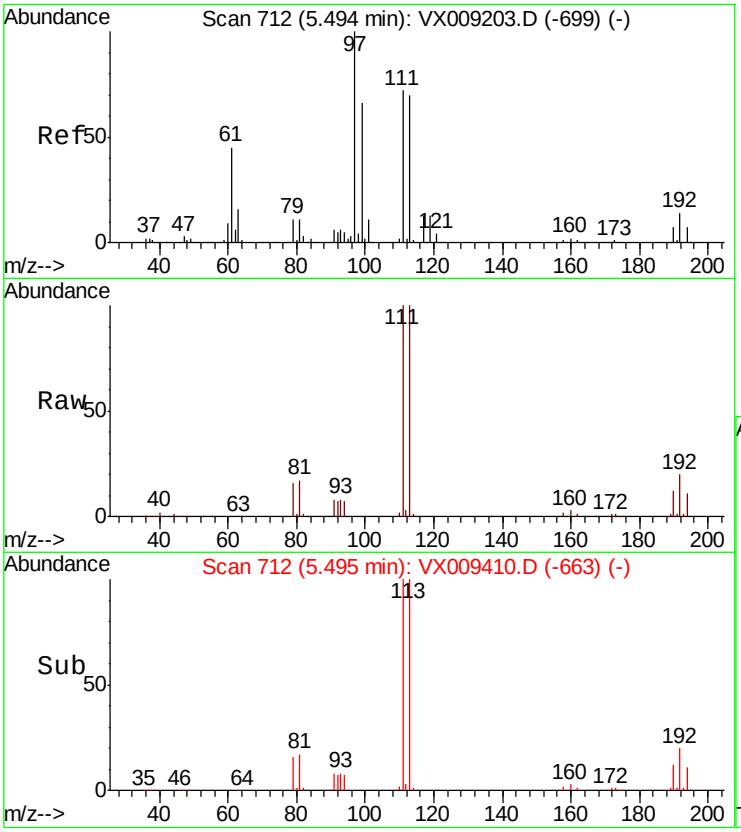


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:114 Resp: 293607

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.3	0.0	33.2



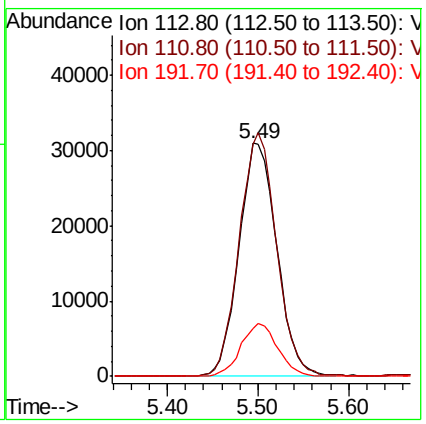


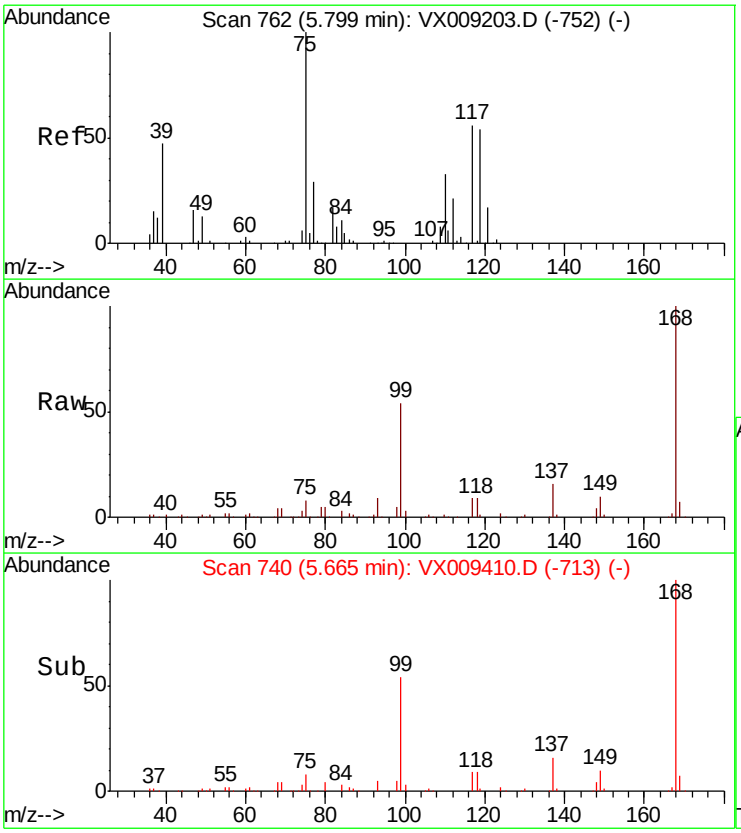
#35
Dibromofluoromethane
Concen: 48.589 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:113 Resp: 89682

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	22.0	17.0	25.6

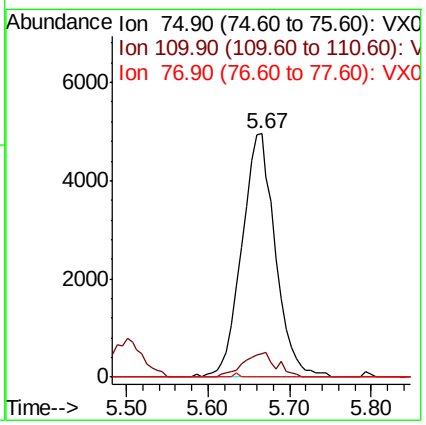


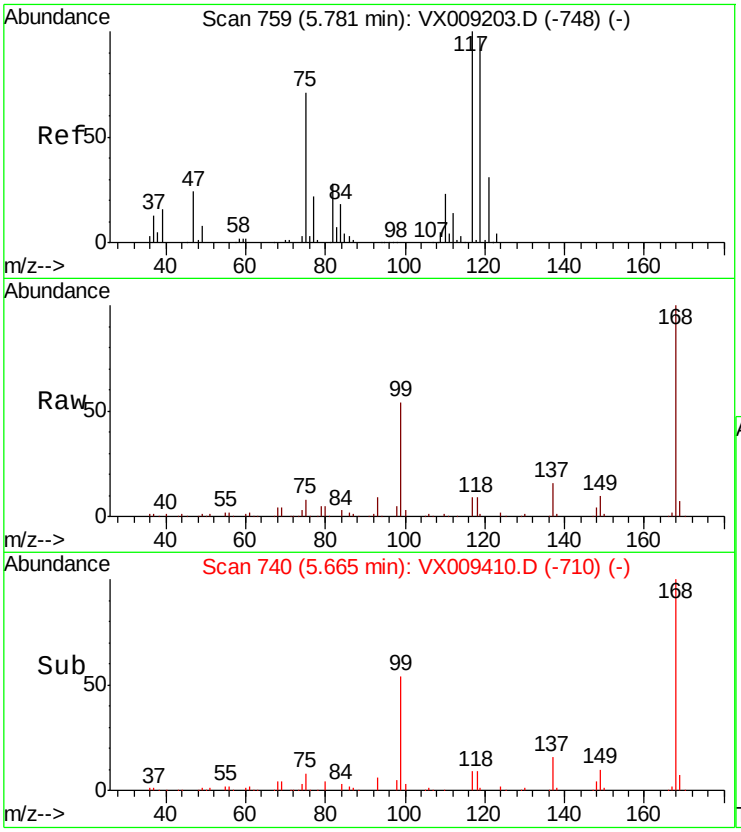


#36
1,1-Dichloropropene
Concen: 5.206 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 75 Resp: 14206

Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.9	50.6#
77	0.0	24.8	37.2#



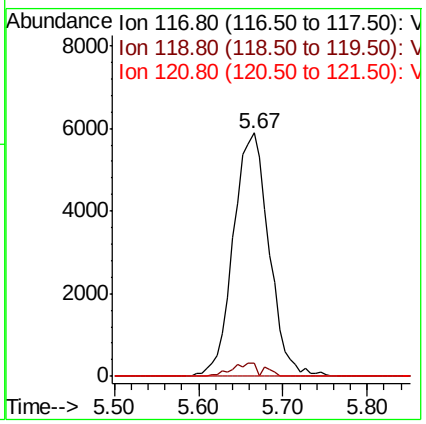


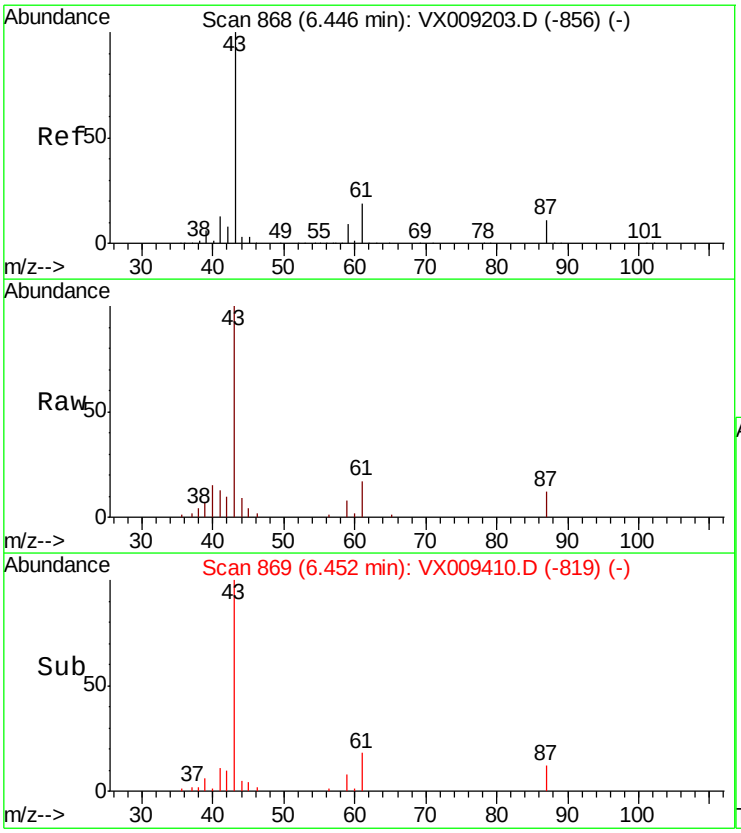
#38
Carbon Tetrachloride
Concen: 6.792 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:117 Resp: 16837

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.5	116.3#
121	0.0	24.7	37.1#

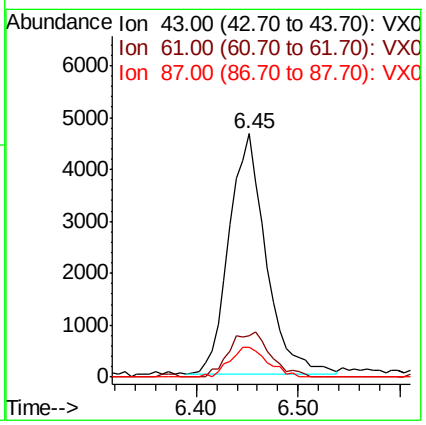


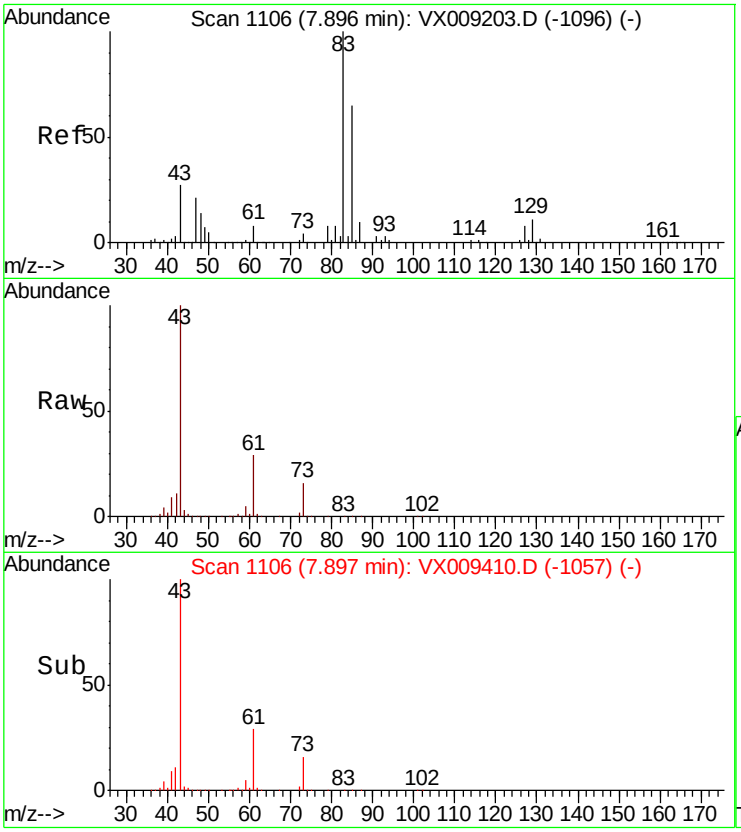


#43
Isopropyl Acetate
Concen: 1.909 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 11608

Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.1	22.7
87	12.7	9.0	13.6



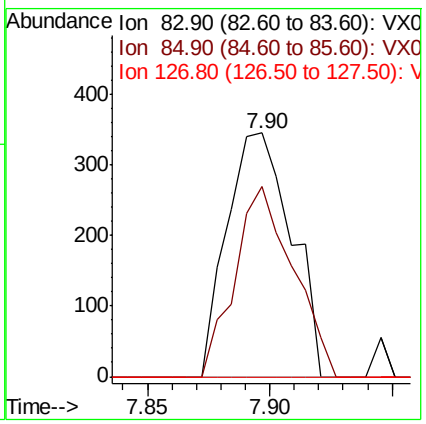


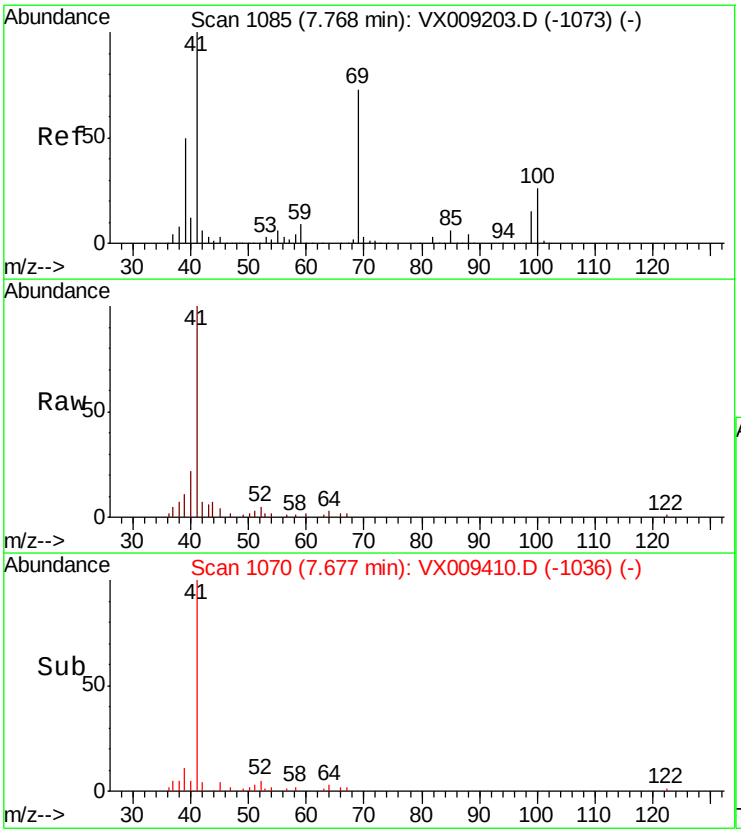
#47
Bromodichloromethane
Concen: 0.229 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 83 Resp: 634

Ion	Ratio	Lower	Upper
83	100		
85	78.3	52.4	78.6
127	0.0	6.6	10.0#

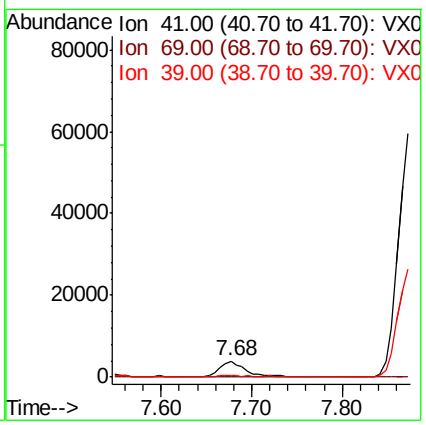


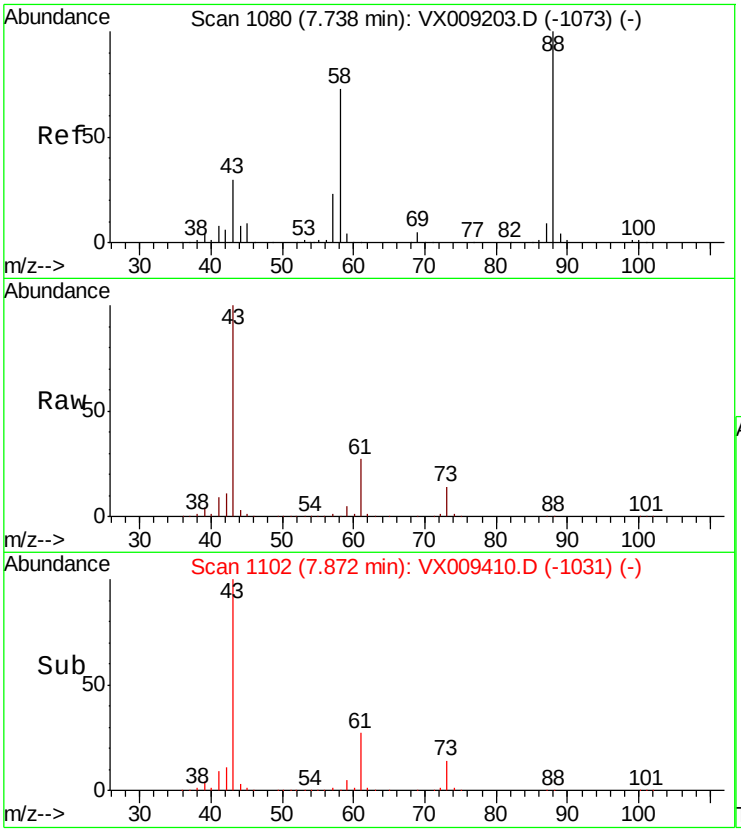


#48
Methyl methacrylate
Concen: 2.553 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 41 Resp: 7701

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



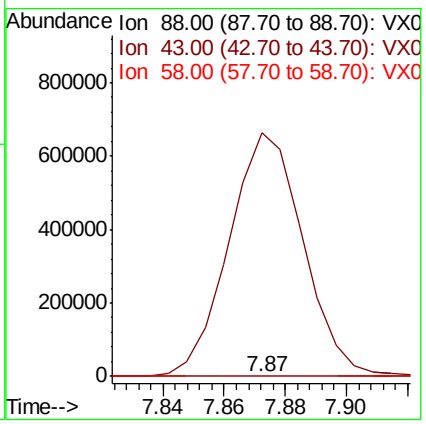


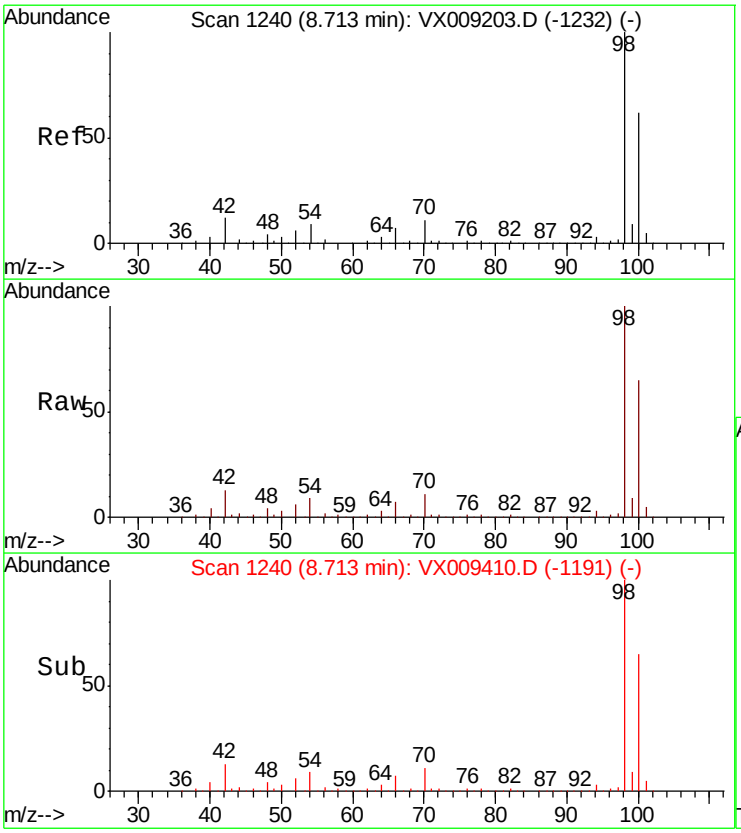
#49
1,4-Dioxane
Concen: 3.056 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 88 Resp: 187

Ion	Ratio	Lower	Upper
88	100		
43	603700.5	28.6	42.8#
58	2272.2	61.7	92.5#

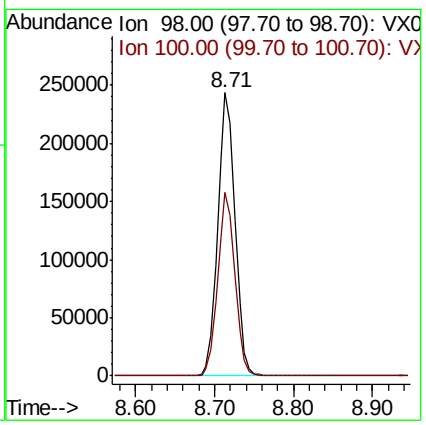


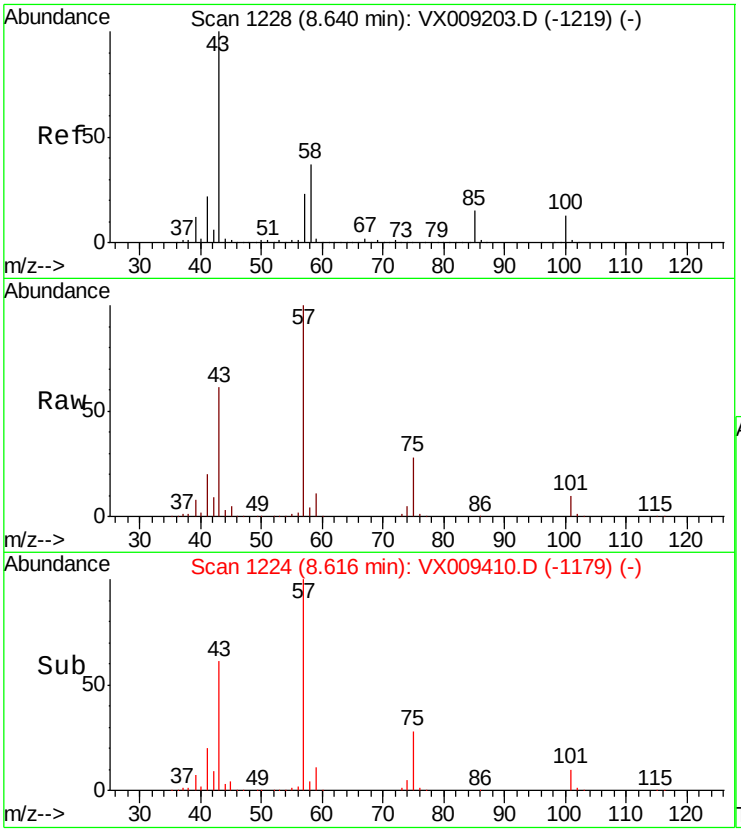


#50
Toluene-d8
Concen: 49.995 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 98 Resp: 372549

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8



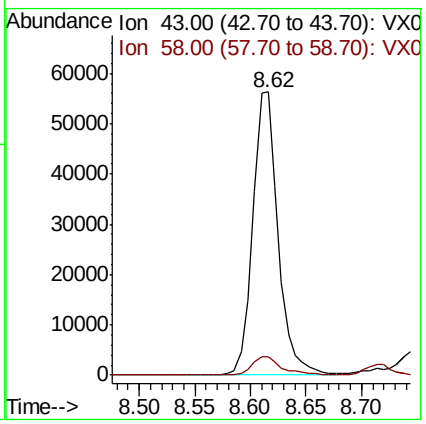


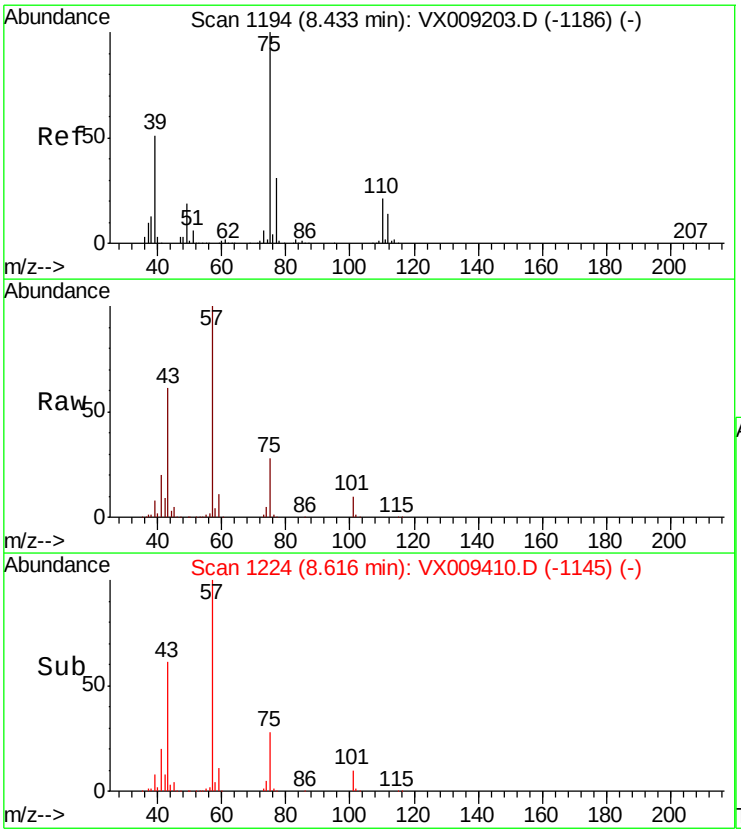
#51
4-Methyl-2-Pentanone
Concen: 22.325 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 43 Resp: 88735

Ion	Ratio	Lower	Upper
43	100		
58	7.8	29.5	44.3#

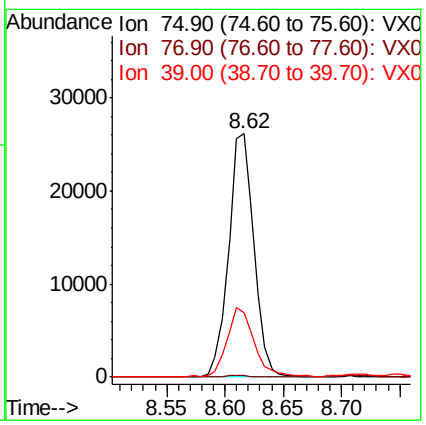


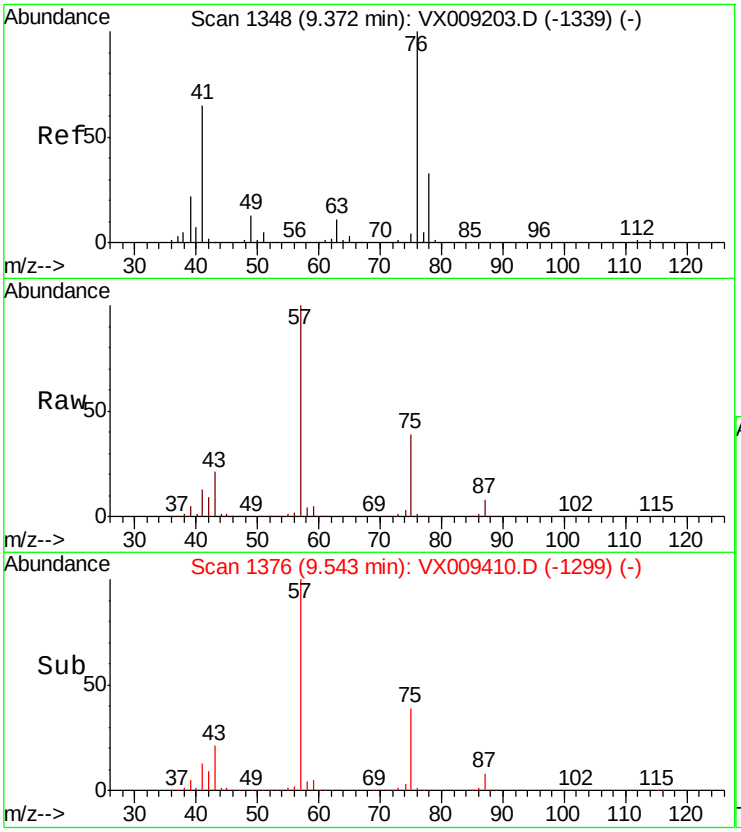


#54
cis-1,3-Dichloropropene
Concen: 11.448 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 75 Resp: 39623

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.6	36.8#
39	26.3	40.6	60.8#



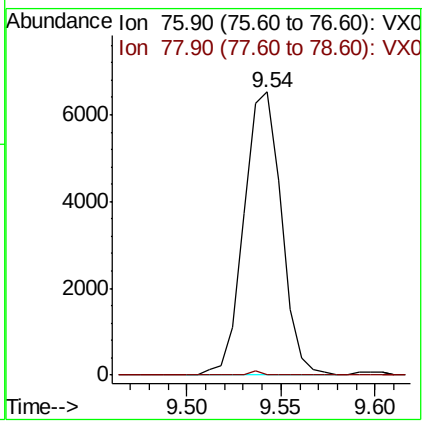


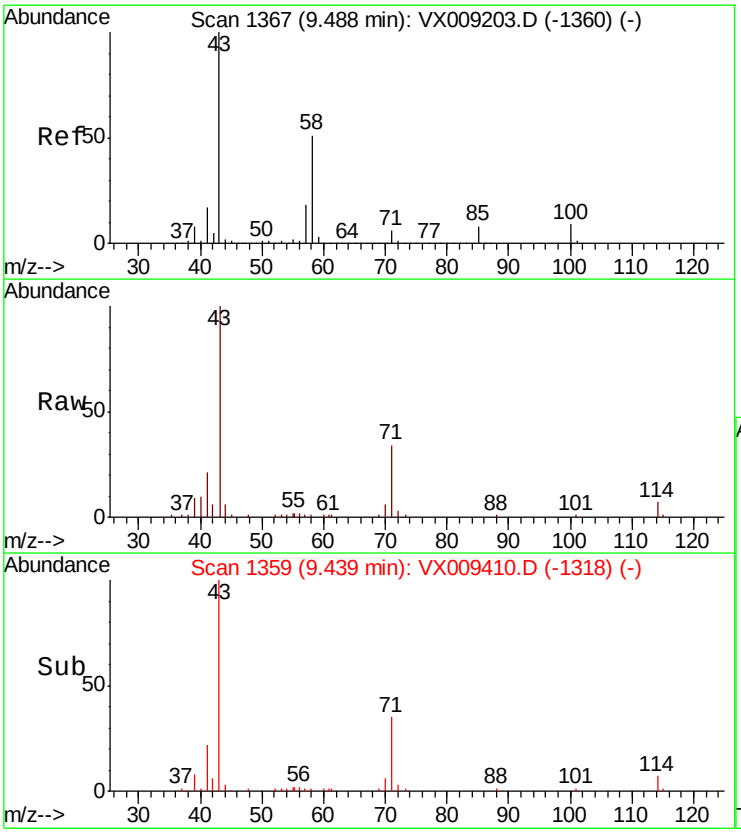
#57
1,3-Dichloropropane
Concen: 2.436 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 76 Resp: 8977

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.5	38.3#

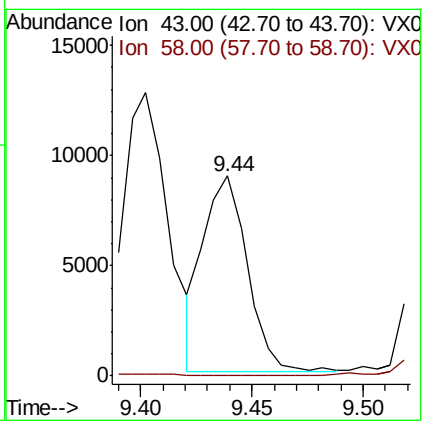


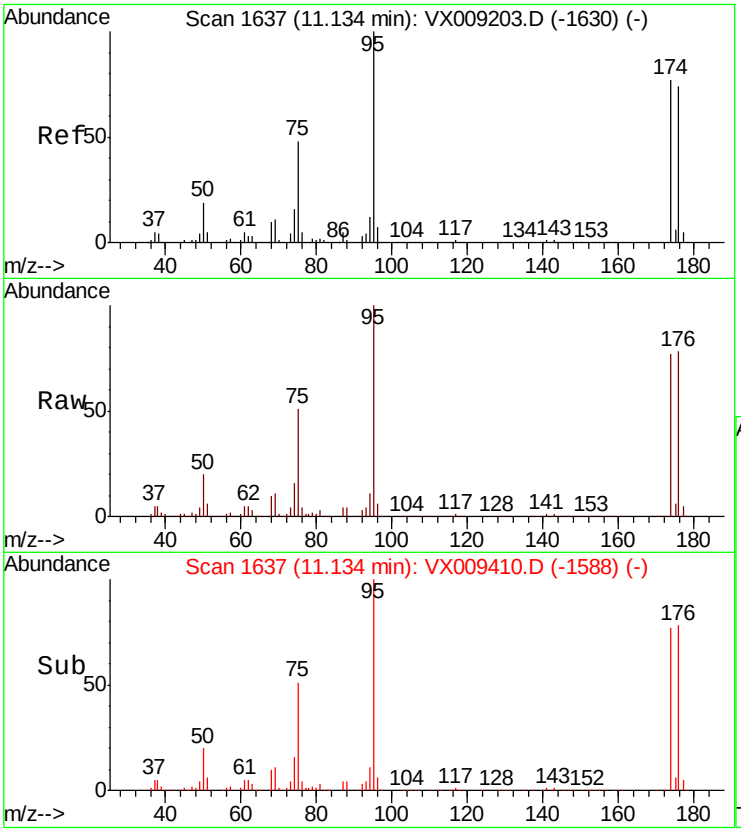


#59
2-Hexanone
Concen: 3.929 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 12264

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#



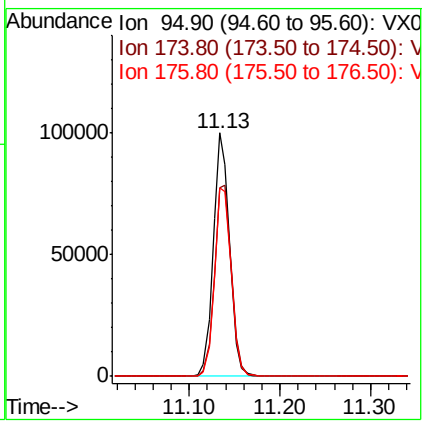


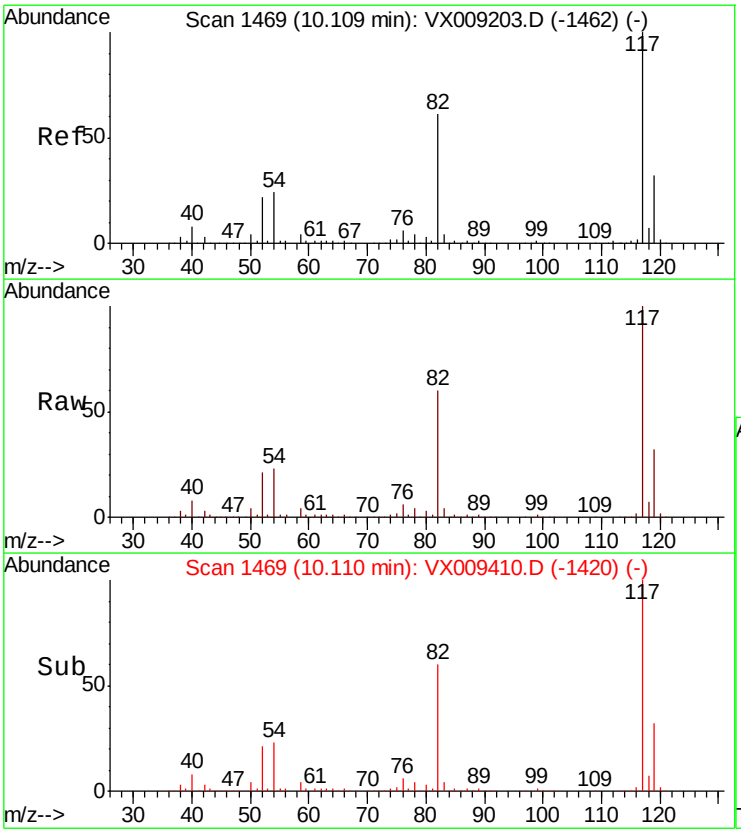
#62
4-Bromofluorobenzene
Concen: 46.518 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 95 Resp: 125954

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	79.6	0.0	159.2

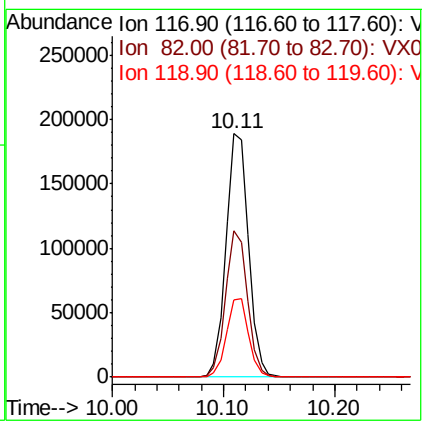


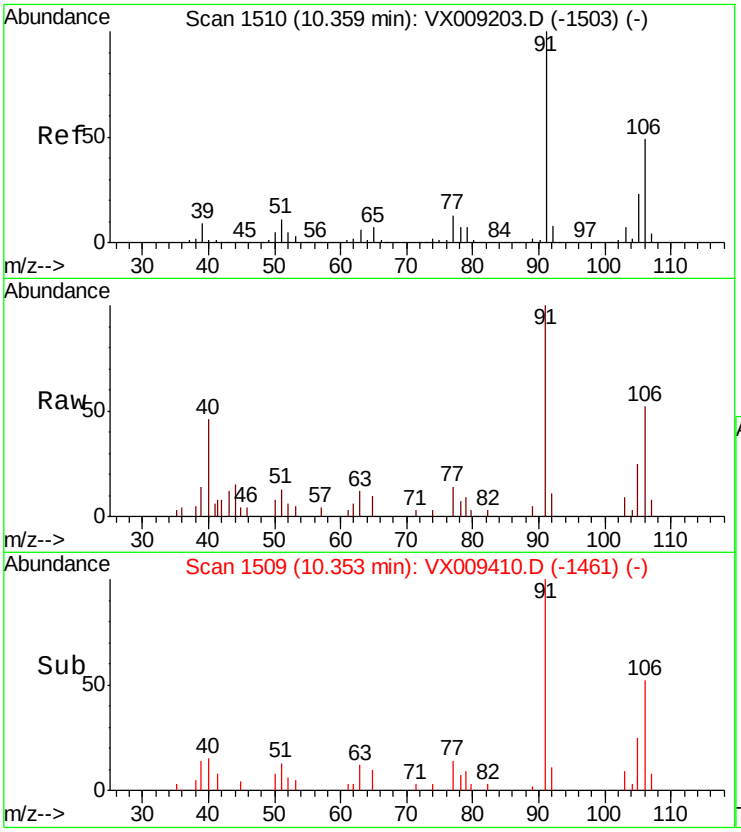


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:117 Resp: 264060

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	31.6	25.8	38.6



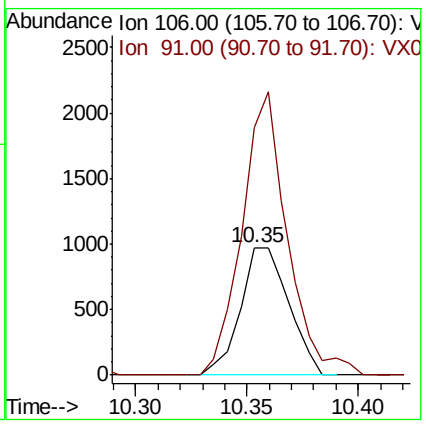


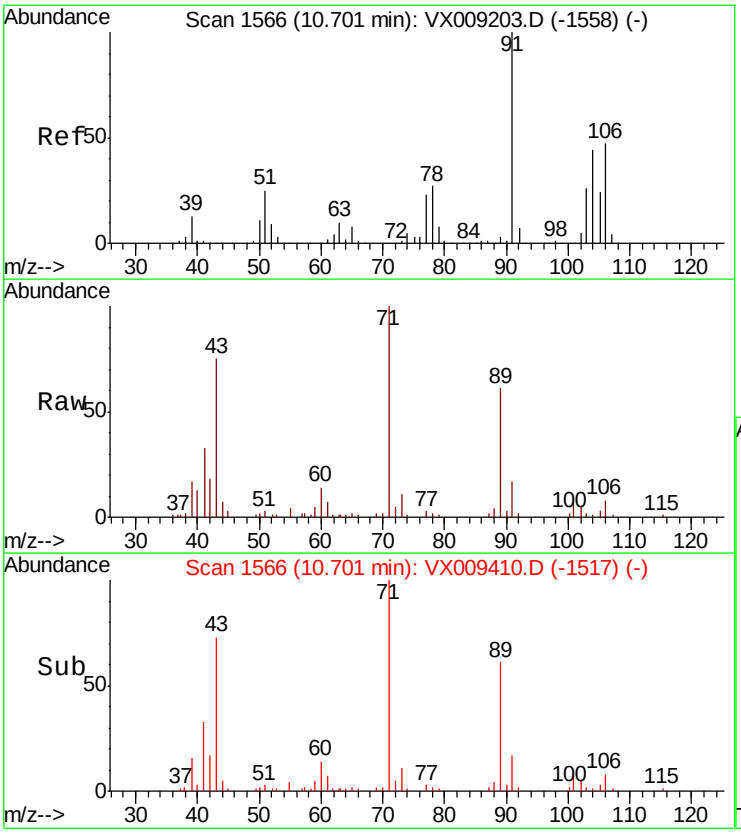
#68
m/p-Xylenes
Concen: 0.414 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:106 Resp: 1472

Ion	Ratio	Lower	Upper
106	100		
91	208.8	164.0	246.0

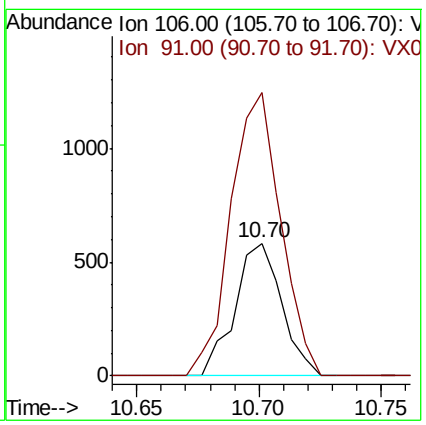


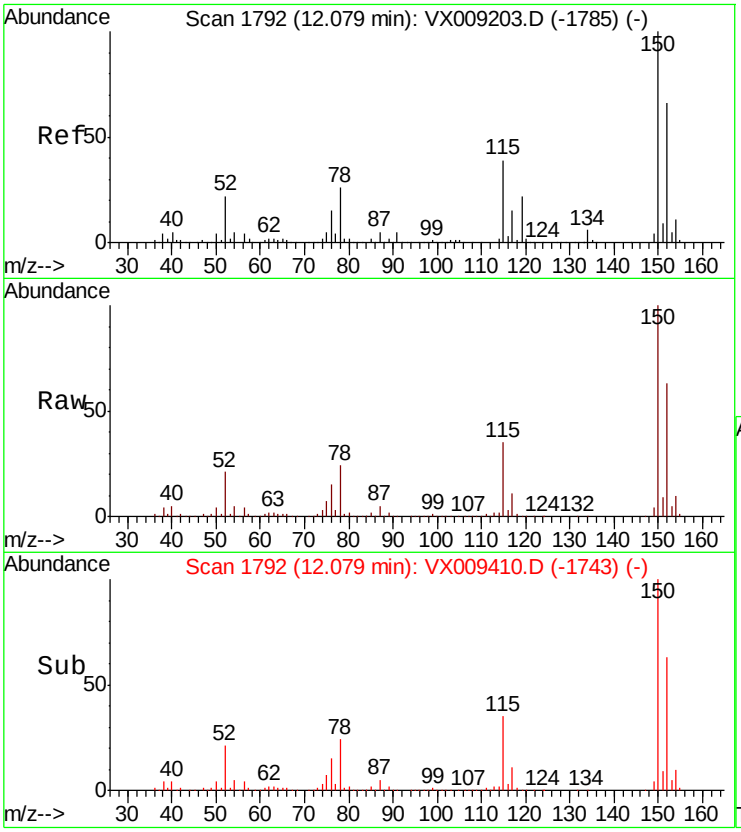


#69
o-Xylene
Concen: 0.222 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:106 Resp: 777

Ion	Ratio	Lower	Upper
106	100		
91	227.7	109.5	328.4



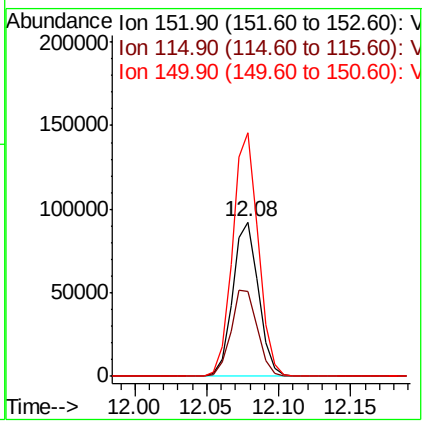


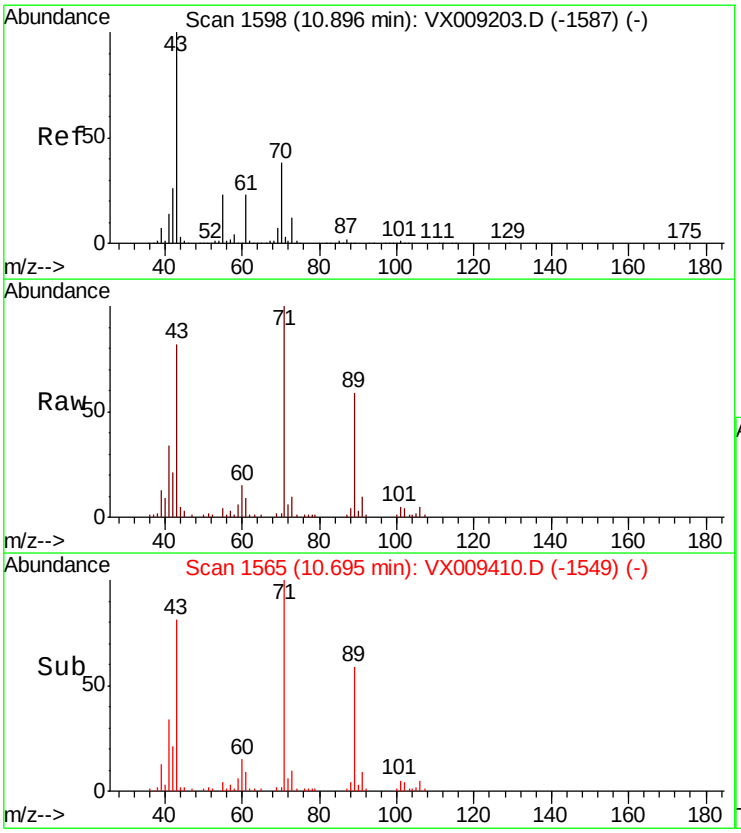
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:152 Resp: 114994

Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.2	123.6
150	158.2	0.0	346.4

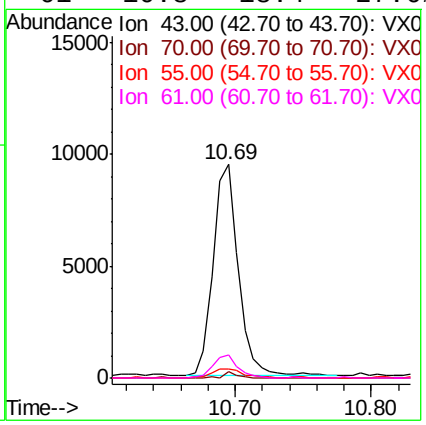


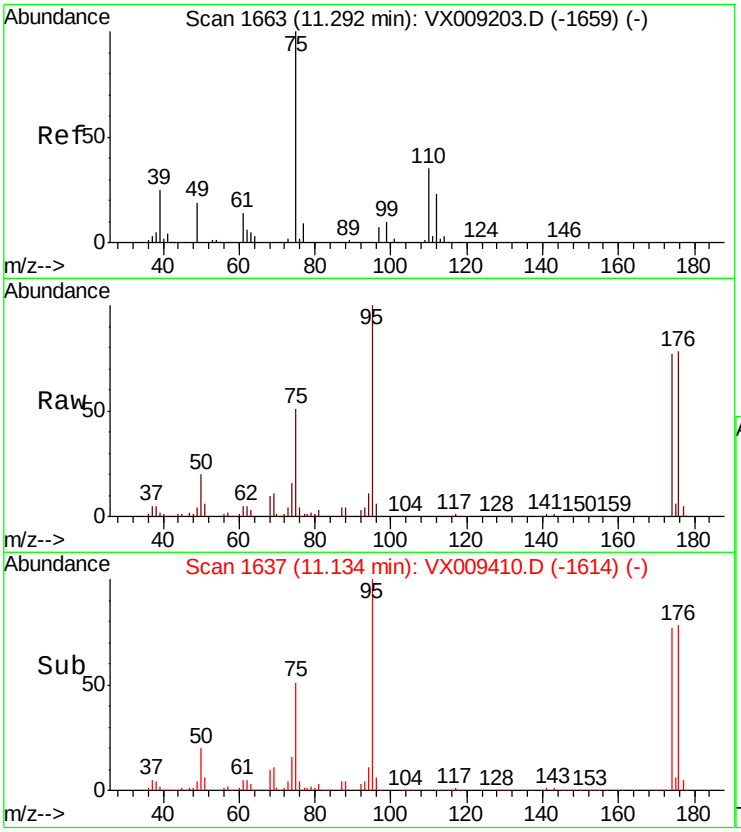


#74
N-amyl acetate
Concen: 2.480 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion: 43 Resp: 12089

Ion	Ratio	Lower	Upper
43	100		
70	1.6	30.0	45.0#
55	5.5	17.9	26.9#
61	10.8	18.4	27.6#



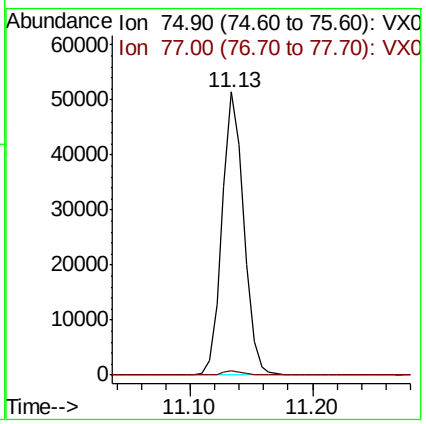


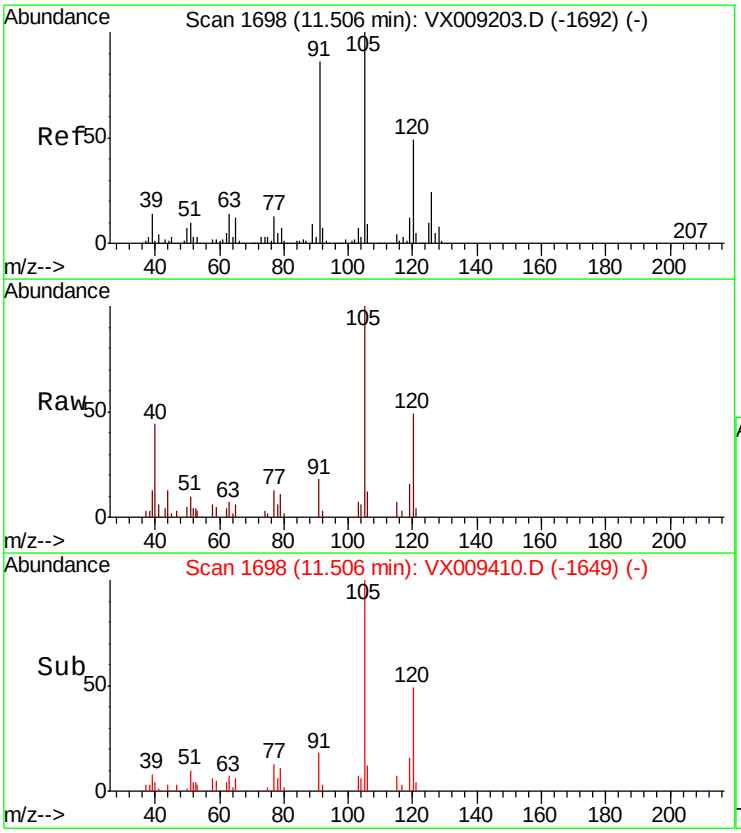
#76
1,2,3-Trichloropropane
Concen: 23.634 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 75 Resp: 63043

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.1	66.1#

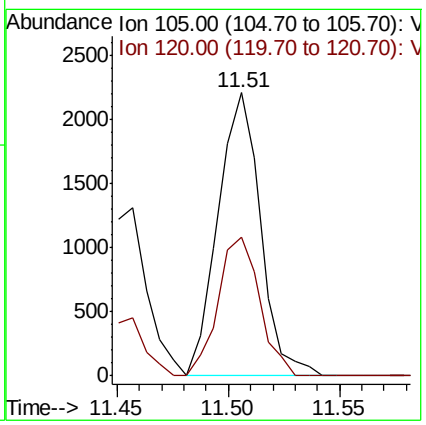


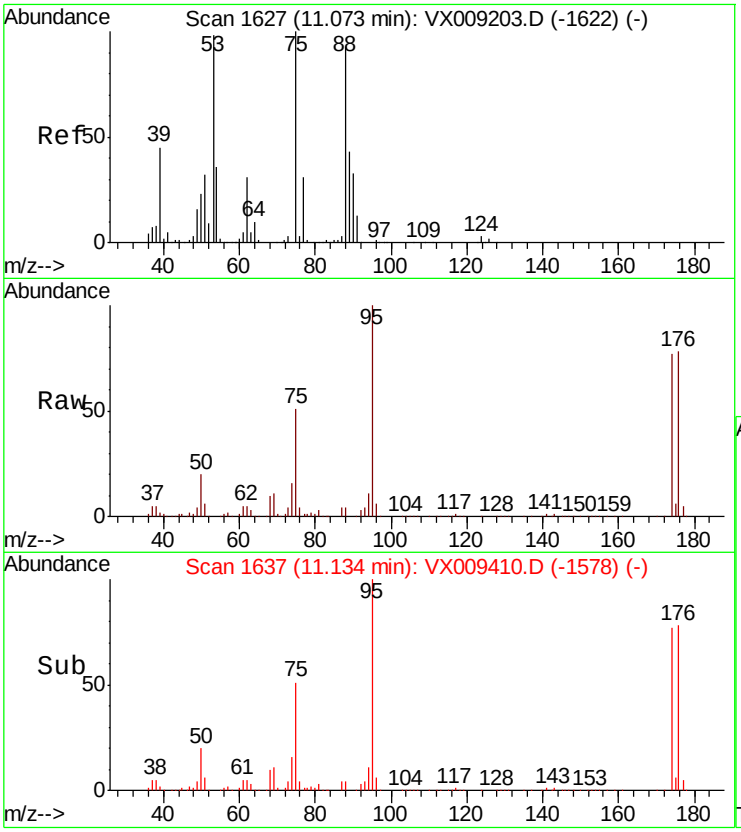


#80
1,3,5-Trimethylbenzene
Concen: 0.416 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:105 Resp: 2929

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	72.9



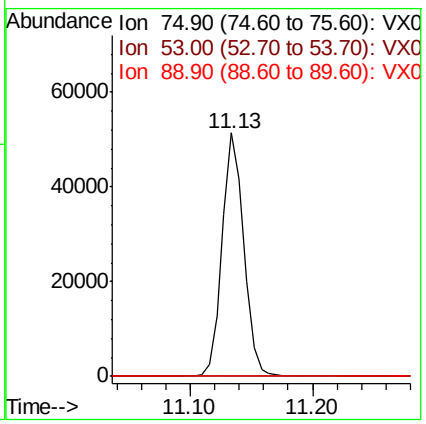


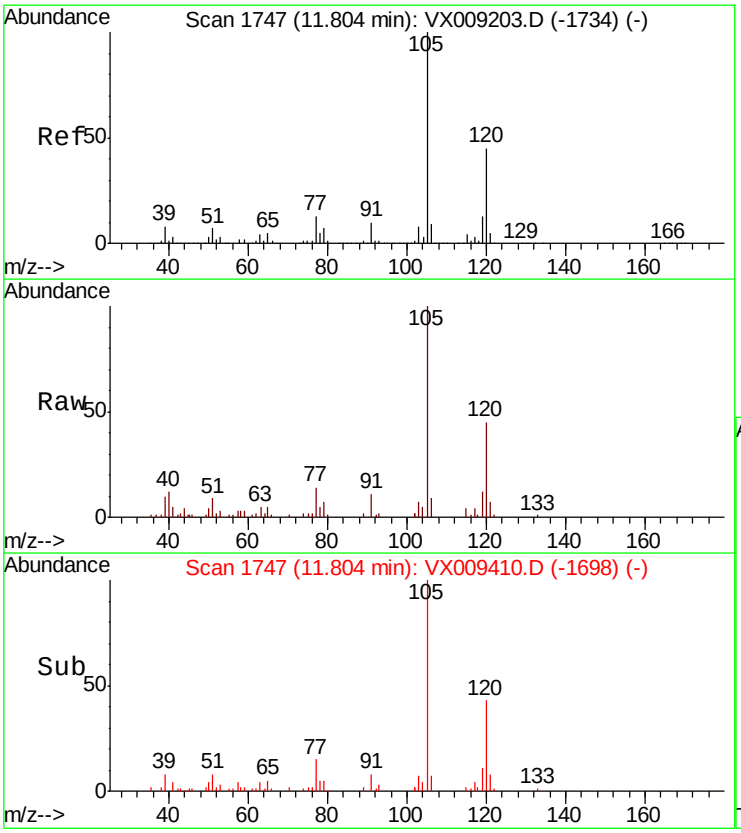
#81
trans-1,4-Dichloro-2-butene
Concen: 60.471 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion: 75 Resp: 63043

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

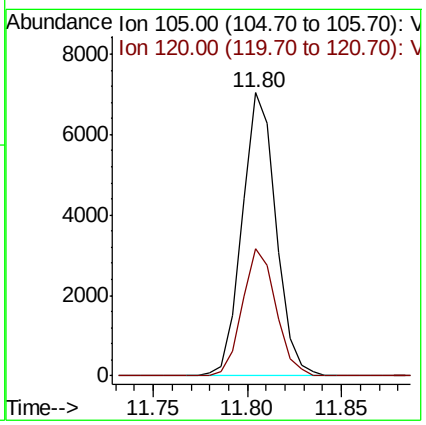


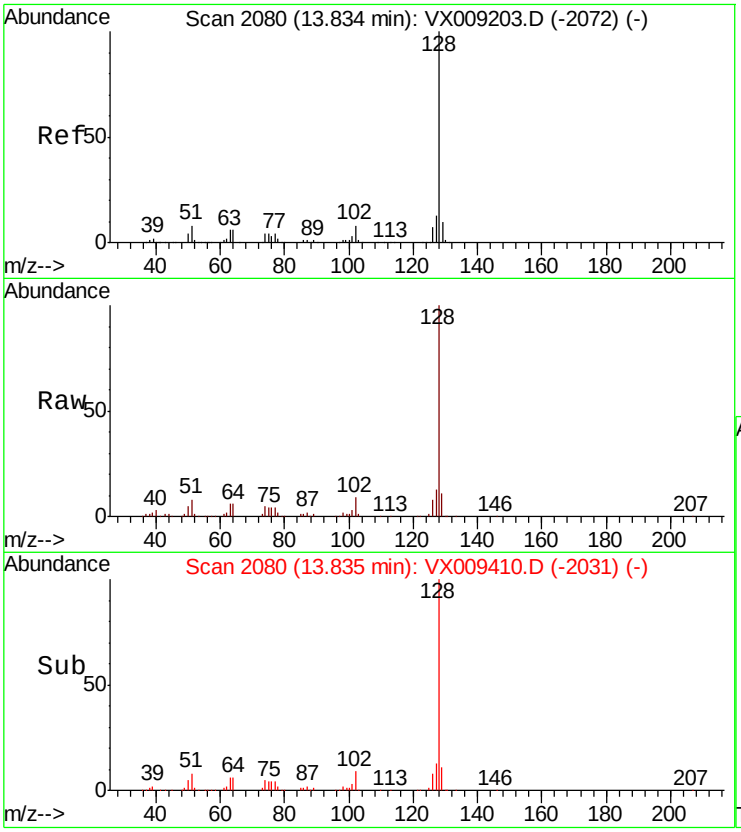


#84
1,2,4-Trimethylbenzene
Concen: 1.239 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

Tgt Ion:105 Resp: 8756

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0





#95
Naphthalene
Concen: 4.708 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009410.D
Acq: 08 May 2019 19:52

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

Tgt Ion:128 Resp: 39471

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.6	8.6	13.0