Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
Data File : VX011357.D
Acq On : 07 Aug 2019 12:45
Operator : JC/SP
Sample : PB122026TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB122026TB

Quant Time: Aug 08 07:02:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100905	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
35) Dibromofluoromethane	5.49	113	88275	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.84%			
50) Toluene-d8	8.71	98	341835	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.26%			
62) 4-Bromofluorobenzene	11.13	95	113428	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.48%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	556	0.418	ug/l #	66
6) Chloroethane	1.70	64	238	Below Cal	#	43
10) Methyl Iodide	2.51	142	781	0.346	ug/l	95
11) Tert butyl alcohol	3.01	59	2283	5.843	ug/l #	75
13) Acrolein	2.28	56	266	0.670	ug/l #	48
15) Acrylonitrile	3.13	53	319	0.341	ug/l #	56
16) Acetone	2.43	43	14865	15.879	ug/l	94
17) Carbon Disulfide	2.56	76	920	0.221	ug/l	97
18) Methyl Acetate	2.77	43	1142	0.534	ug/l #	81
20) Methylene Chloride	2.85	84	14592	7.117	ug/l	93
25) 2-Butanone	4.68	43	1683	1.264	ug/l	92
29) Tetrahydrofuran	5.13	42	629	0.770	ug/l #	61
31) Cyclohexane	5.65	56	3811	1.505	ug/l #	12
36) 1,1-Dichloropropene	5.65	75	13785	5.479	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18420	7.277	ug/l #	14
43) Isopropyl Acetate	6.44	43	10574	2.621	ug/l	98
48) Methyl methacrylate	7.67	41	4388	2.311	ug/l #	10
49) 1,4-Dioxane	7.74	88	20	0.363	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	51948	19.950	ug/l #	48
53) t-1,3-Dichloropropene	9.04	75	113	2.877	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	25668	9.143	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	6474	2.006	ug/l #	41
59) 2-Hexanone	9.54	43	80223	39.775	ug/l #	50
68) m/p-Xylenes	10.36	106	1365	0.374	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	57566	26.658	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1704	0.251	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	57566	69.265	ug/l #	10

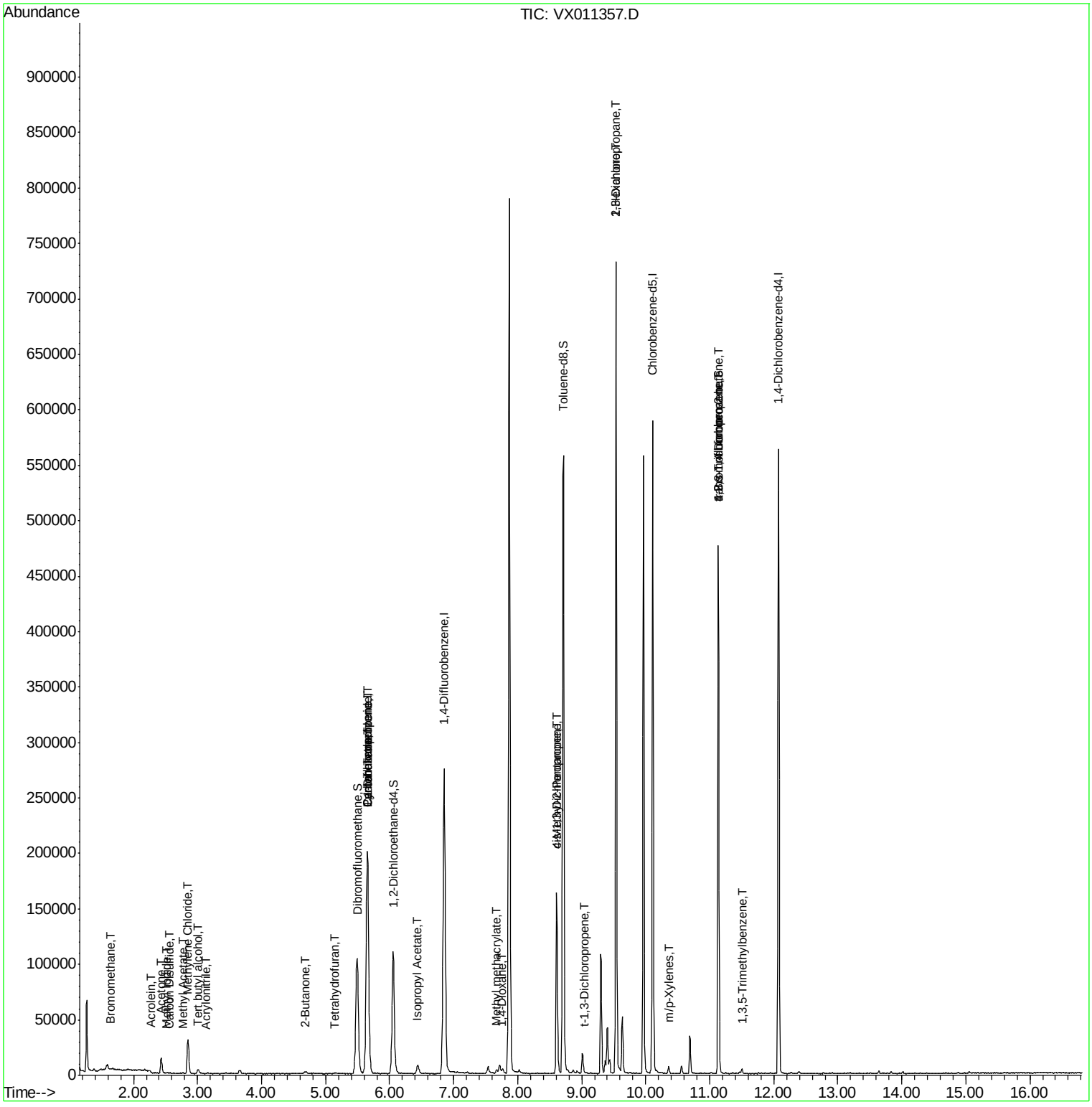
(#) = qualifier out of range (m) = manual integration (+) = signals summed

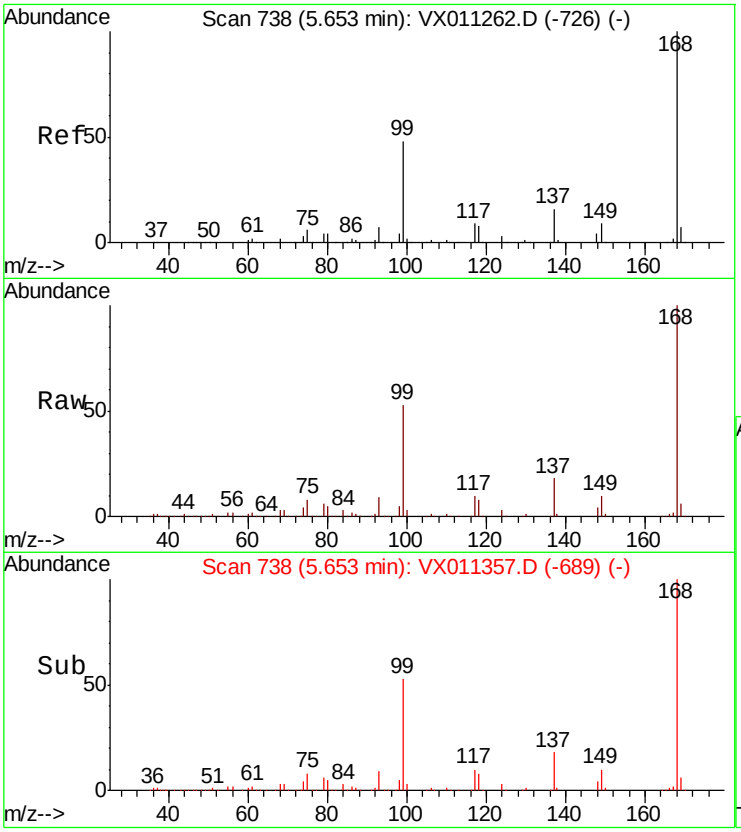
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080719\
Data File : VX011357.D
Acq On : 07 Aug 2019 12:45
Operator : JC/SP
Sample : PB122026TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Quant Time: Aug 08 07:02:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



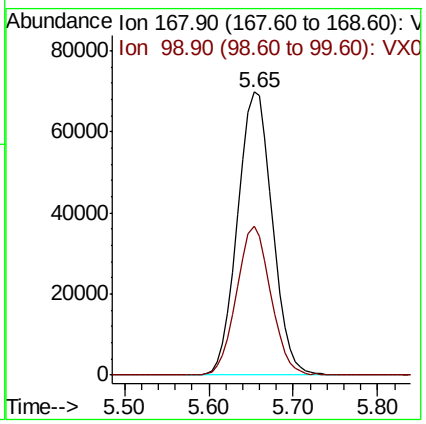


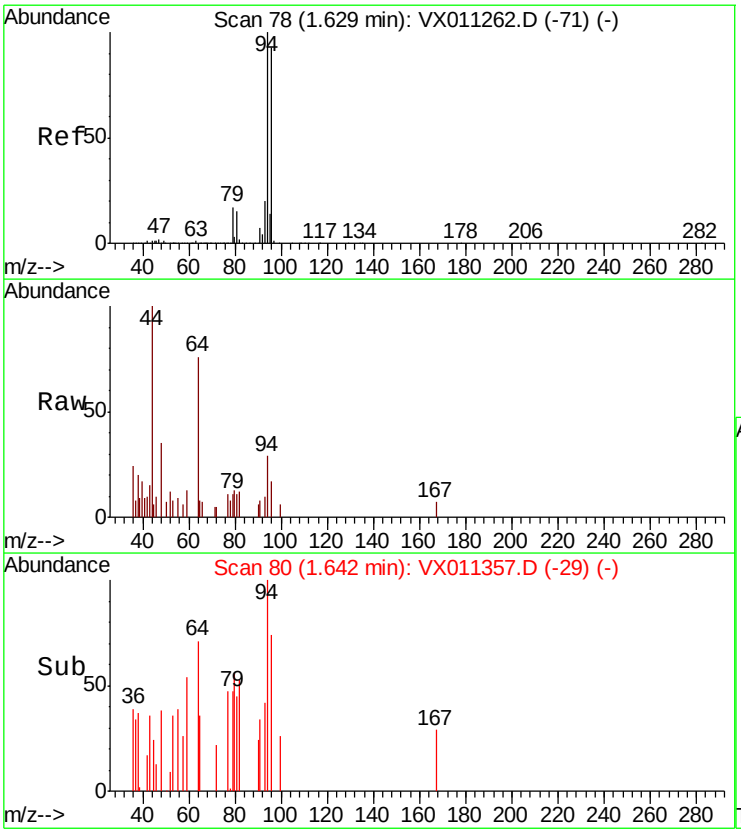
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion:168 Resp: 195302

Ion	Ratio	Lower	Upper
168	100		
99	52.8	38.5	57.7

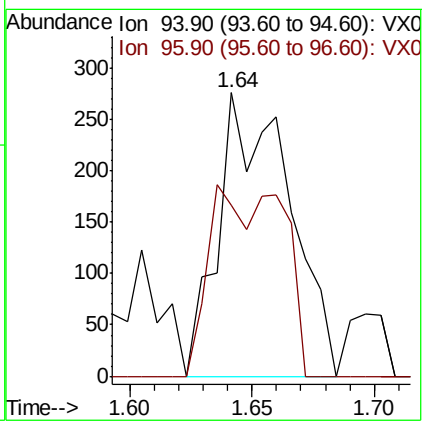


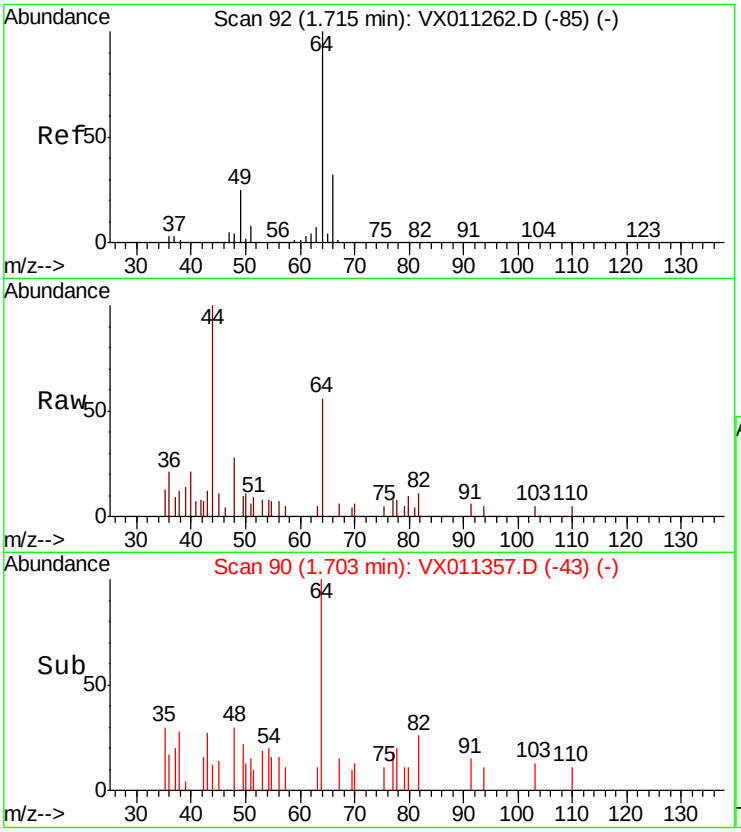


#5
Bromomethane
Concen: 0.418 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 94 Resp: 556

Ion	Ratio	Lower	Upper
94	100		
96	60.1	74.6	112.0#



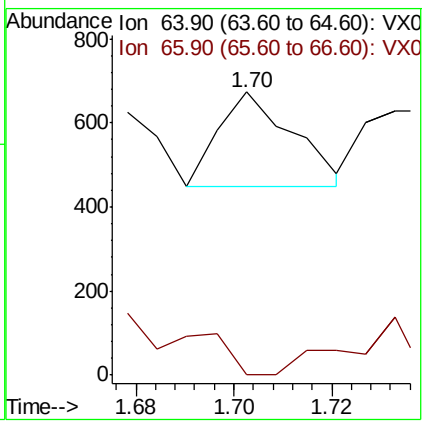


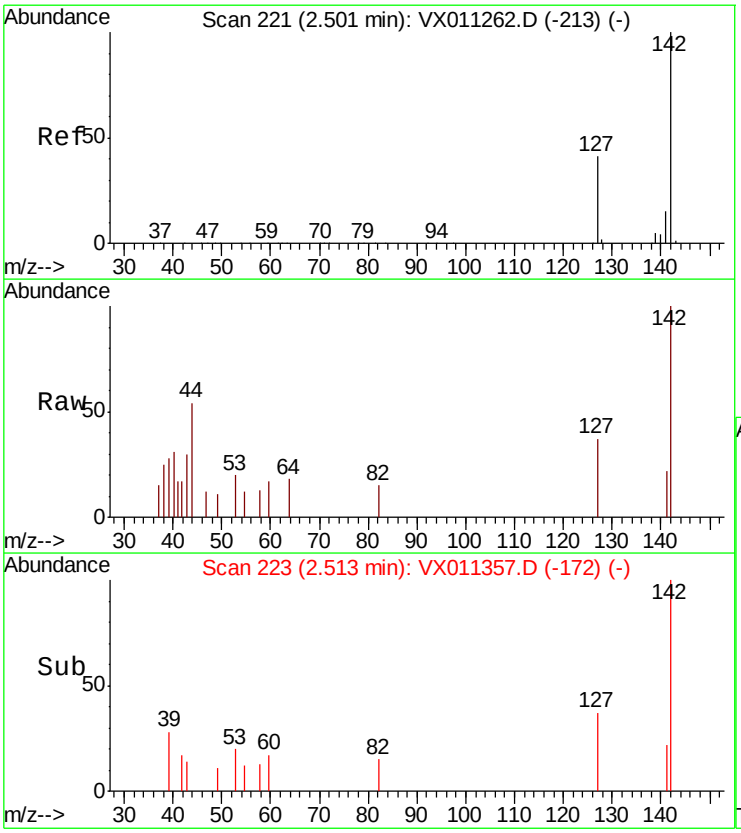
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB122026TB

Tgt Ion: 64 Resp: 238

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

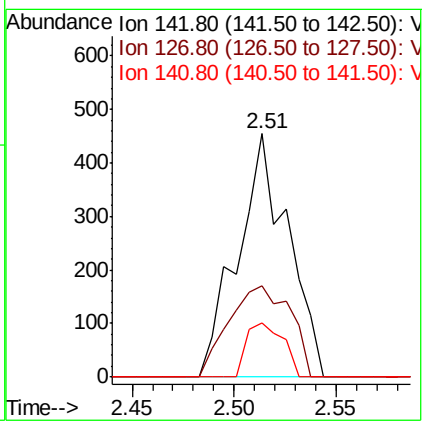


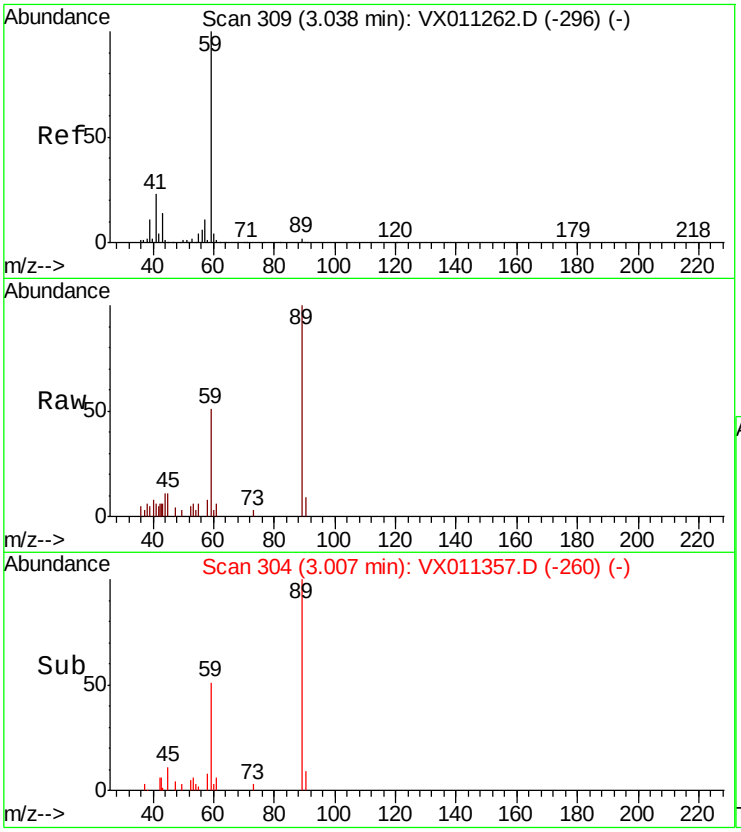


#10
Methyl Iodide
Concen: 0.346 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion:142 Resp: 781

Ion	Ratio	Lower	Upper
142	100		
127	45.3	33.8	50.8
141	16.0	11.4	17.2



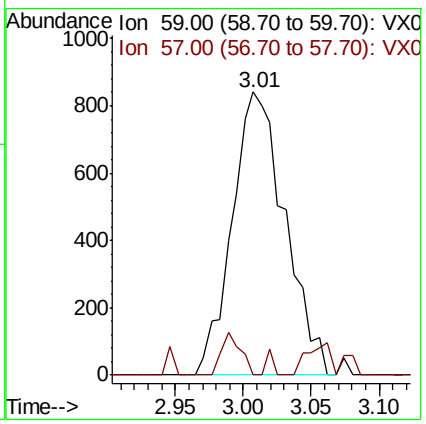


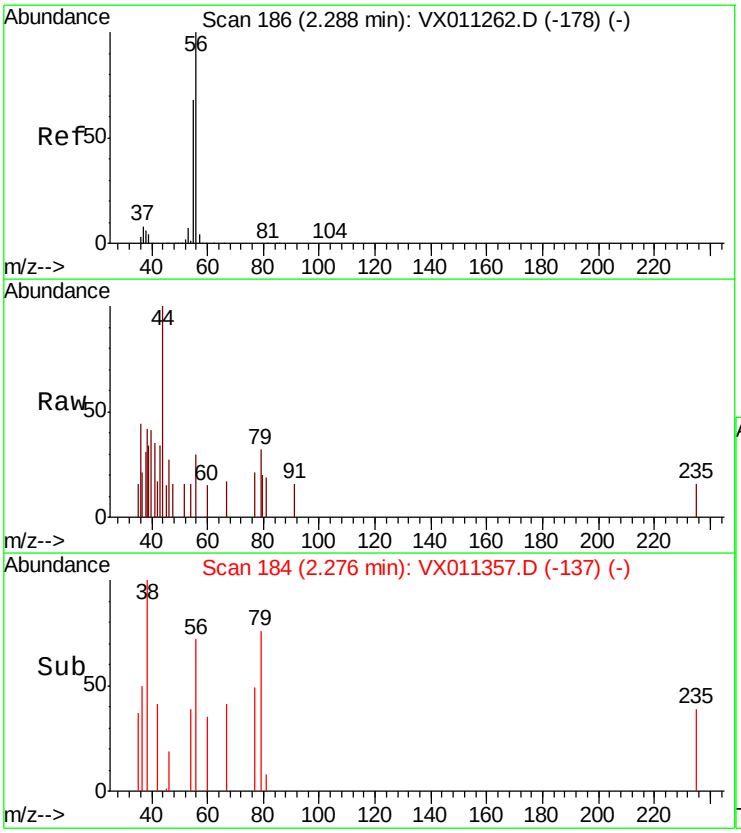
#11
Tert butyl alcohol
Concen: 5.843 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 59 Resp: 2283

Ion	Ratio	Lower	Upper
59	100		
57	1.2	8.3	12.5#

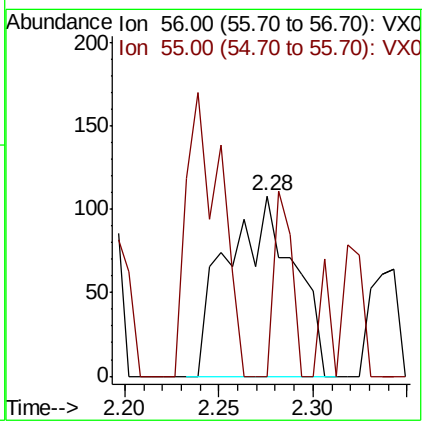


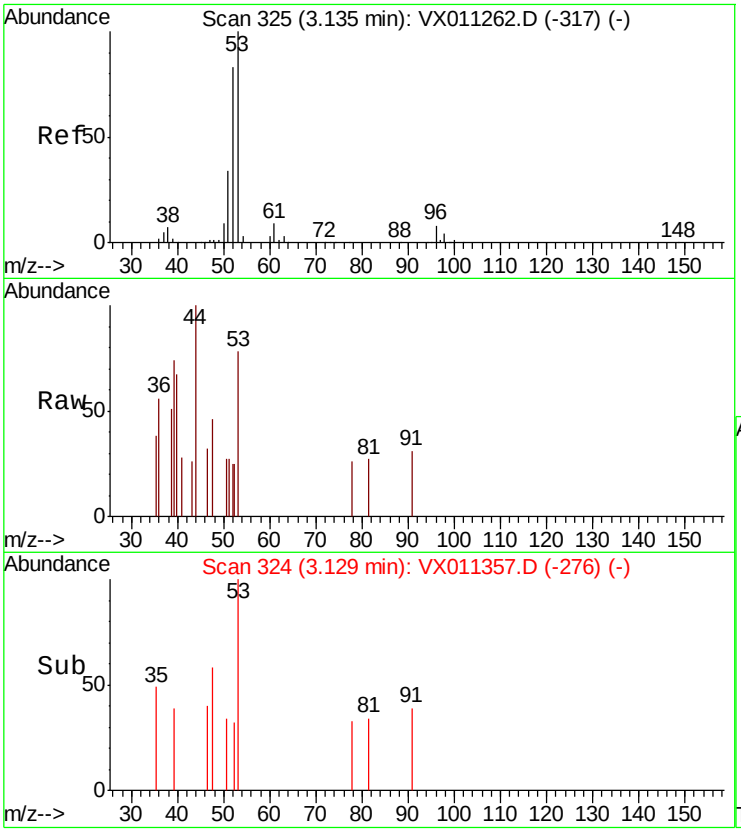


#13
Acrolein
Concen: 0.670 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 56 Resp: 266

Ion	Ratio	Lower	Upper
56	100		
55	27.1	56.0	84.0#



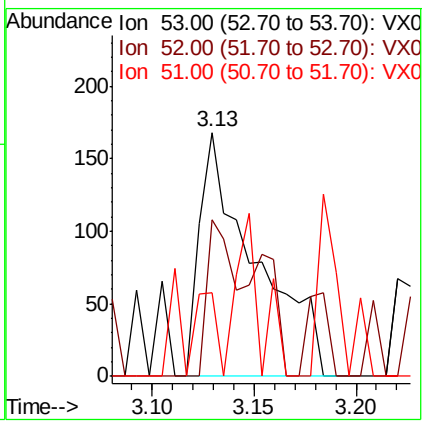


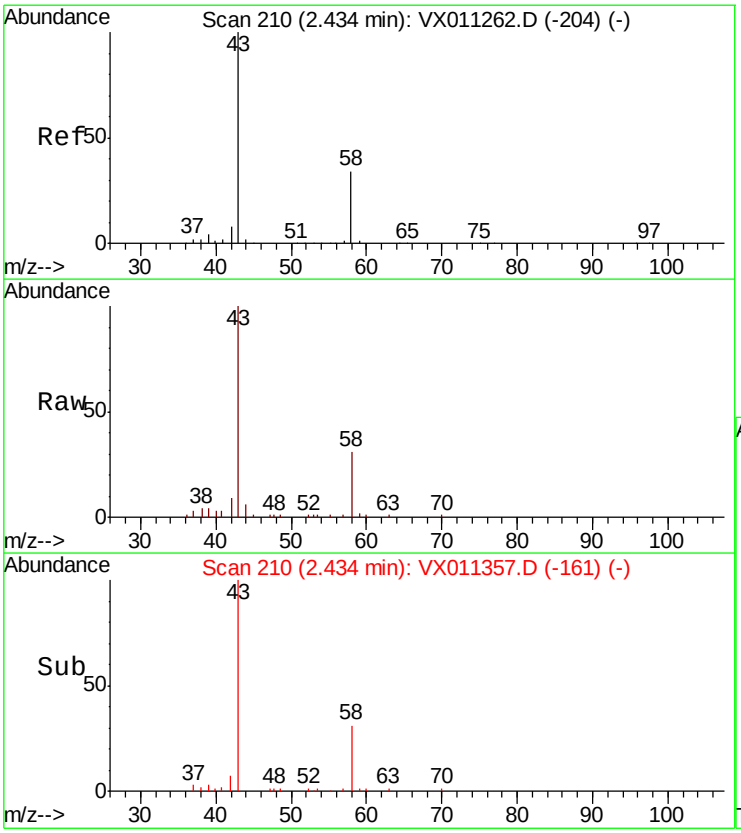
#15
Acrylonitrile
Concen: 0.341 ug/l
RT: 3.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 53 Resp: 319

Ion	Ratio	Lower	Upper
53	100		
52	30.1	65.5	98.3#
51	28.5	27.9	41.9

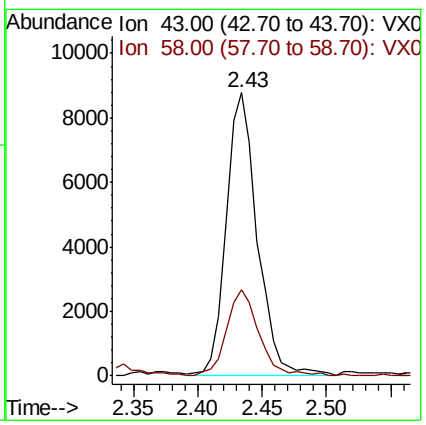


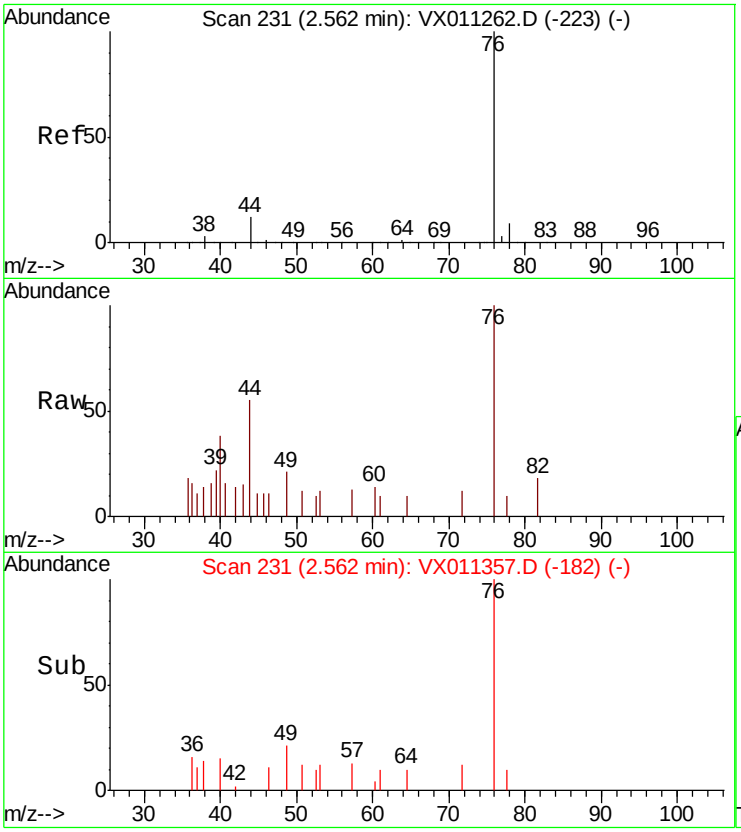


#16
Acetone
Concen: 15.879 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 14865

Ion	Ratio	Lower	Upper
43	100		
58	30.5	27.4	41.0



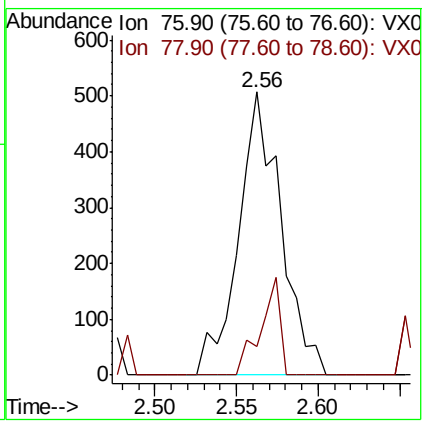


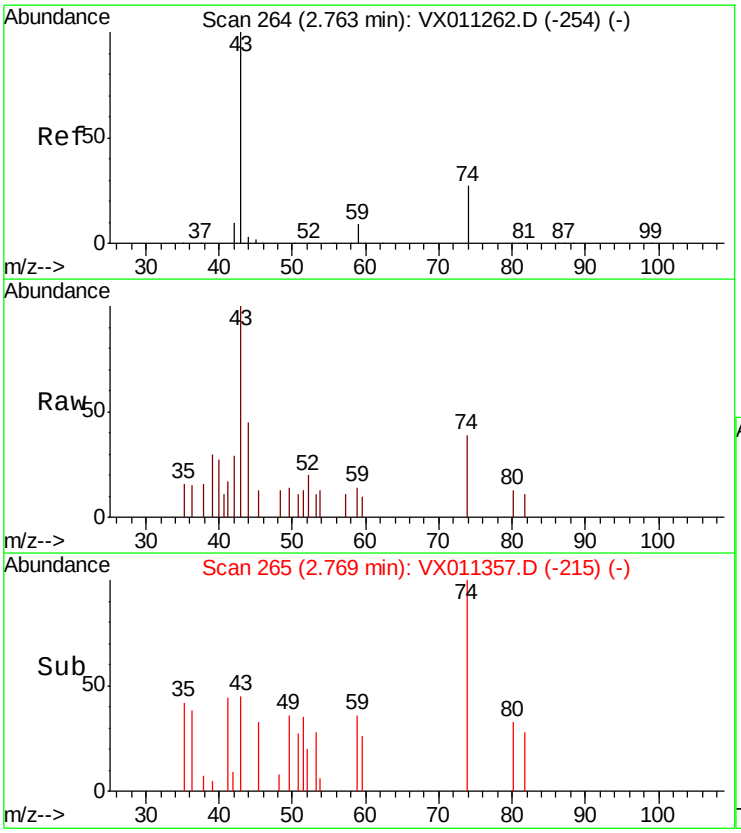
#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB122026TB

Tgt Ion: 76 Resp: 920

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.4	11.0

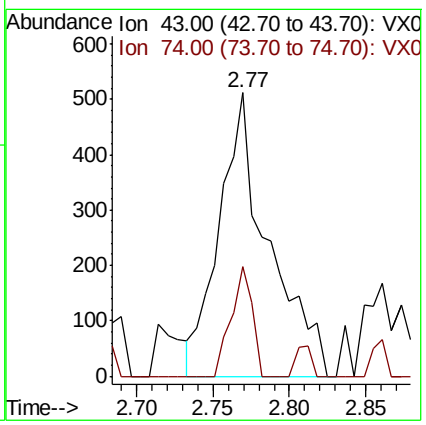


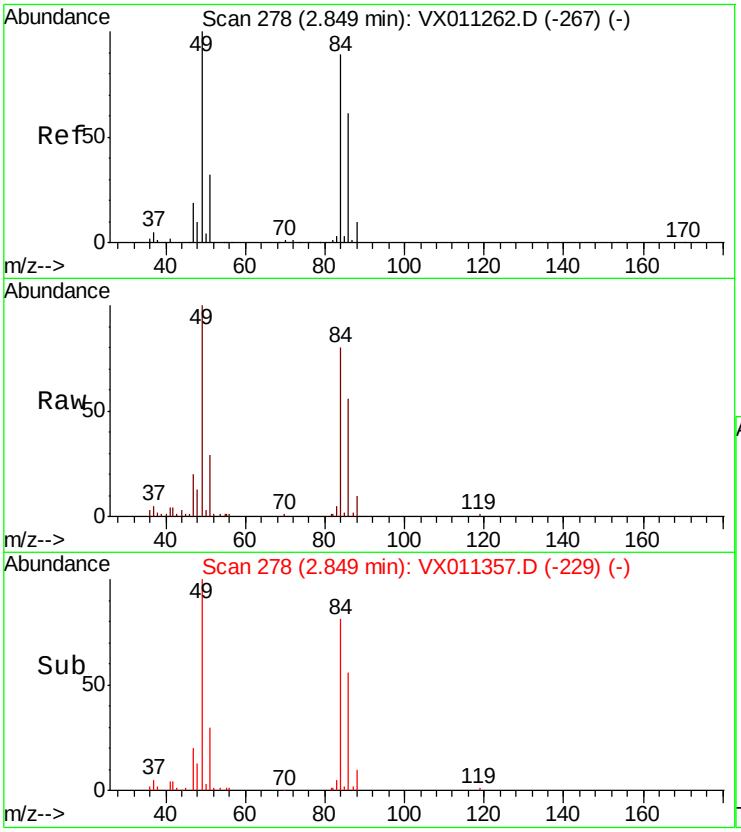


#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 1142

Ion	Ratio	Lower	Upper
43	100		
74	16.5	21.0	31.6#



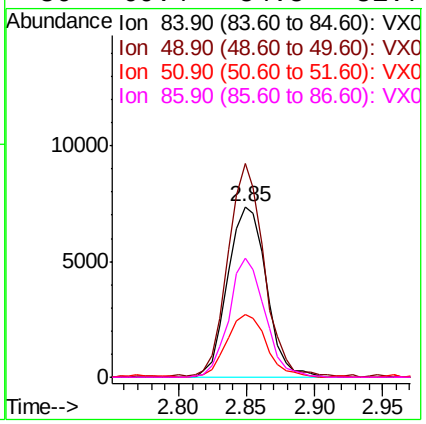


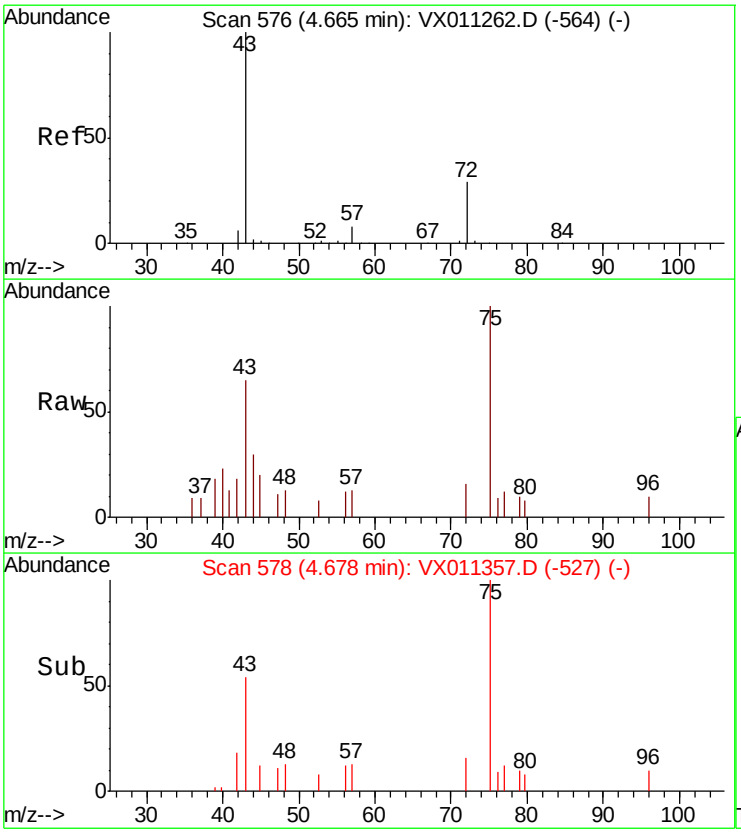
#20
Methylene Chloride
Concen: 7.117 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 84 Resp: 14592

Ion	Ratio	Lower	Upper
84	100		
49	124.2	89.3	133.9
51	36.6	28.3	42.5
86	69.4	54.5	81.7

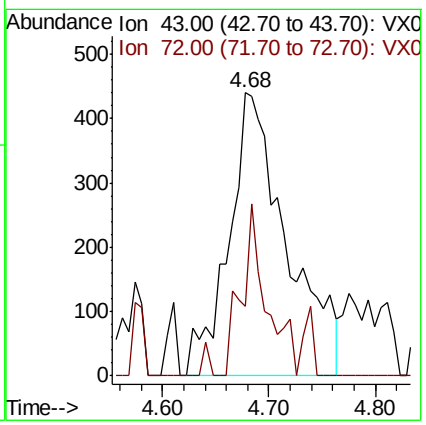


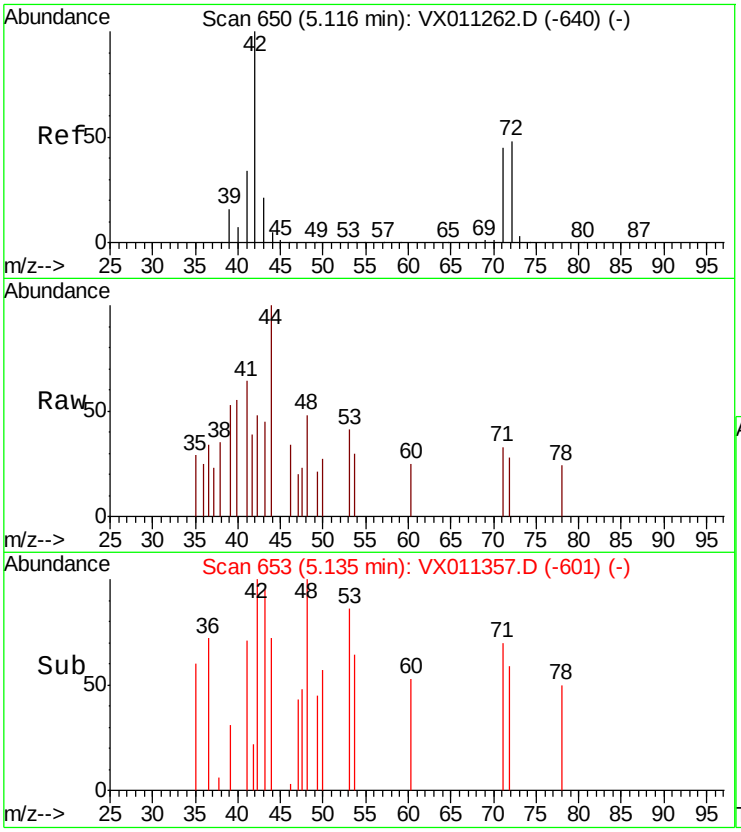


#25
2-Butanone
Concen: 1.264 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 1683

Ion	Ratio	Lower	Upper
43	100		
72	24.8	23.2	34.8



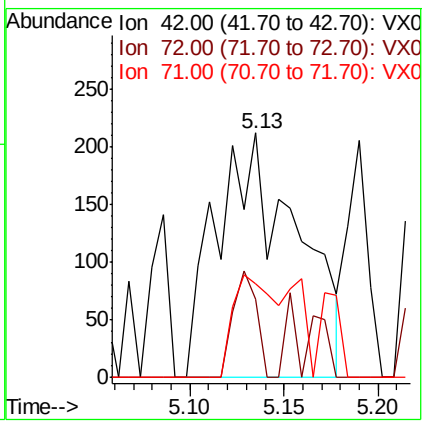


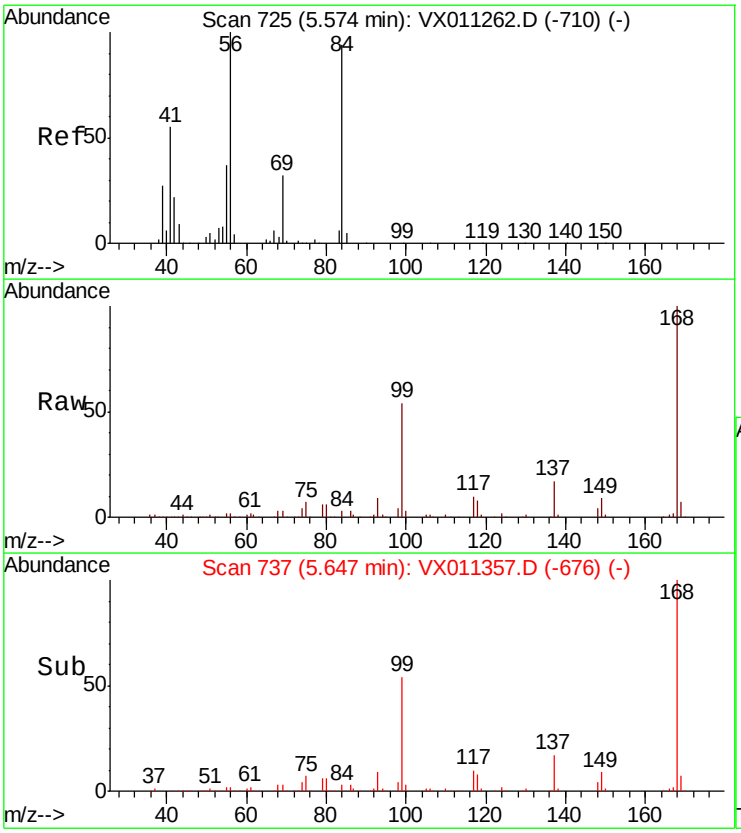
#29
Tetrahydrofuran
Concen: 0.770 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.02 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 42 Resp: 629

Ion	Ratio	Lower	Upper
42	100		
72	12.6	39.9	59.9#
71	30.7	36.9	55.3#

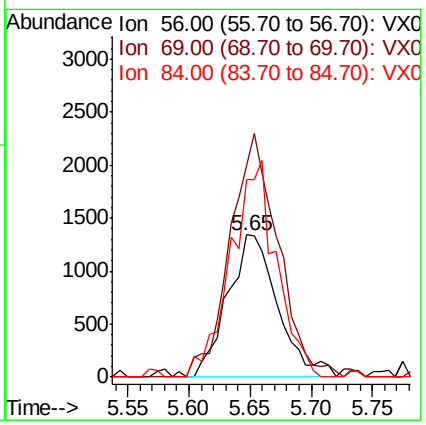


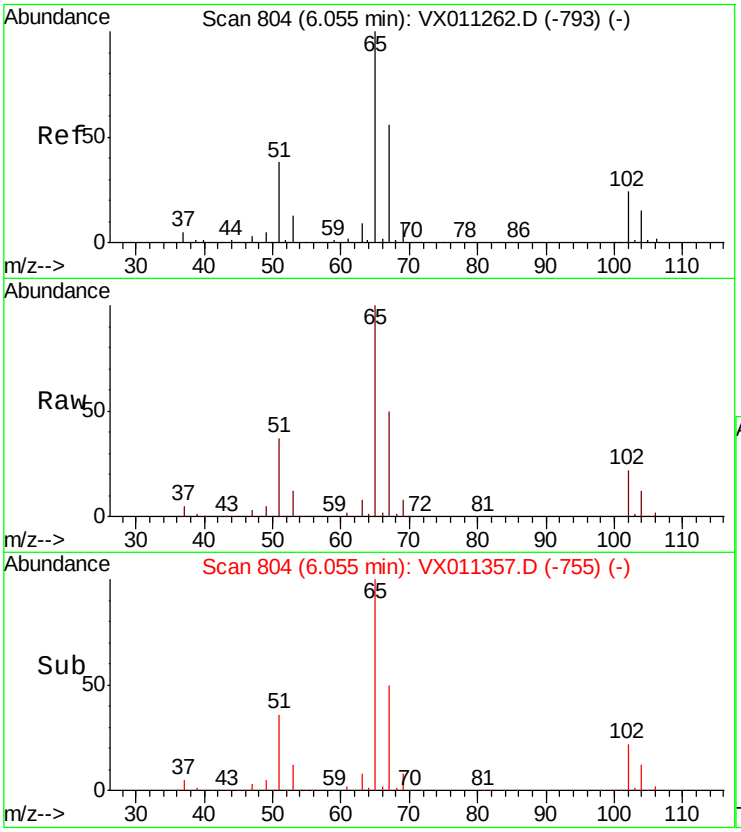


#31
Cyclohexane
Concen: 1.505 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 56 Resp: 3811

Ion	Ratio	Lower	Upper
56	100		
69	149.0	25.5	38.3#
84	138.6	75.0	112.4#



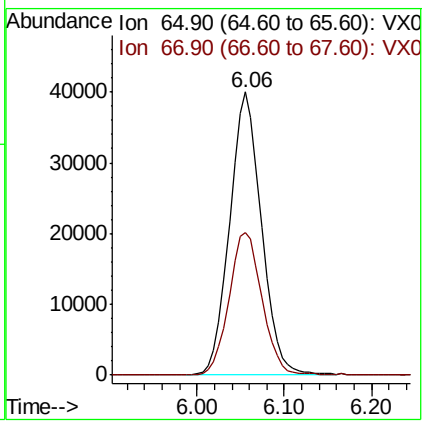


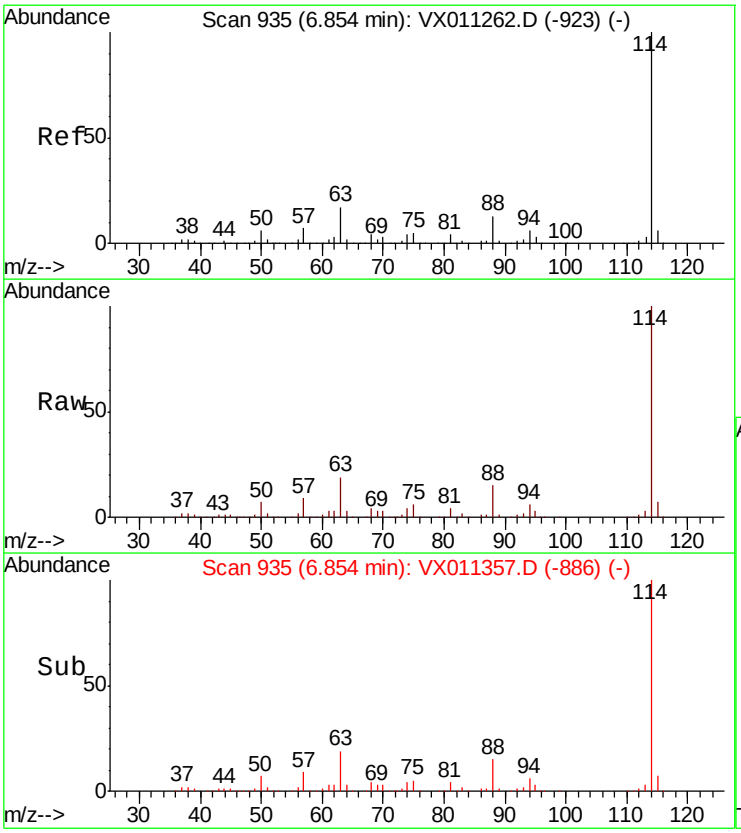
#33
1,2-Dichloroethane-d4
Concen: 51.304 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 65 Resp: 100905

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	110.6

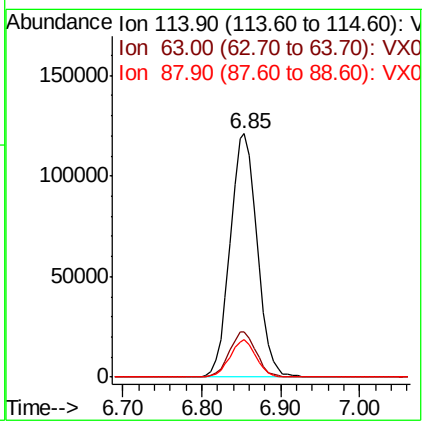


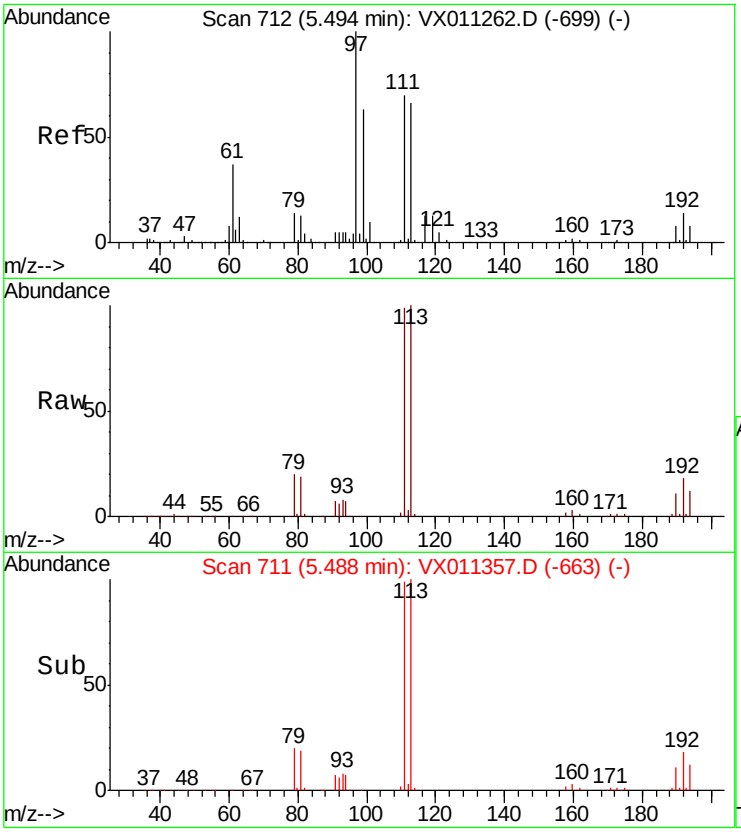


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion:114 Resp: 288166

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.0
88	15.5	0.0	26.4



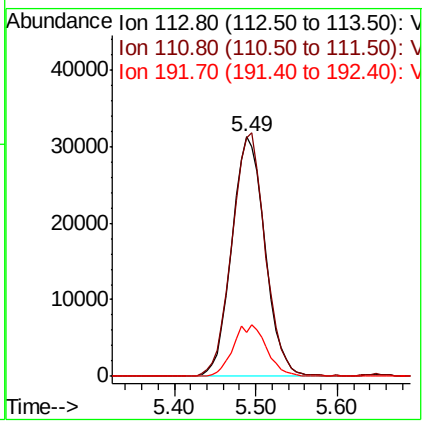


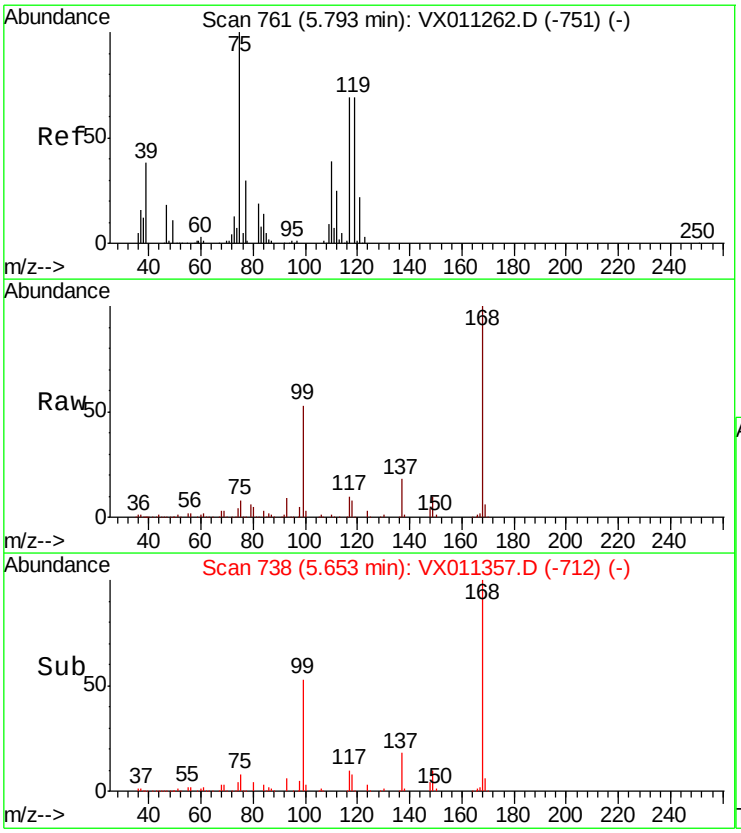
#35
Dibromofluoromethane
Concen: 46.921 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion:113 Resp: 88275

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	21.8	17.8	26.8

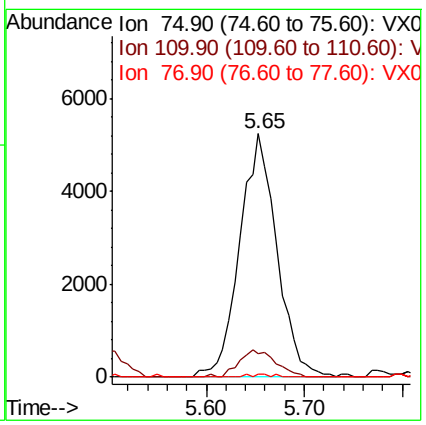


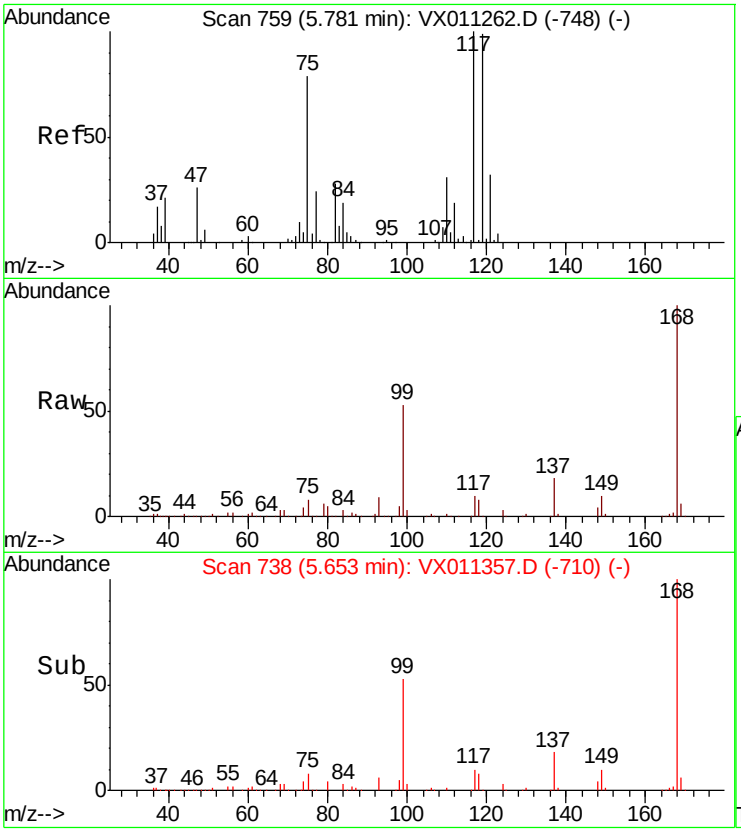


#36
1,1-Dichloropropene
Concen: 5.479 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 75 Resp: 13785

Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.0	59.9#
77	0.3	24.8	37.2#



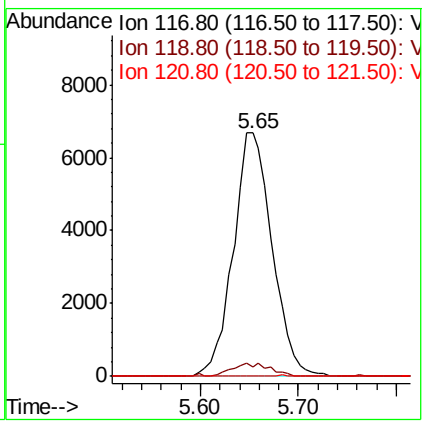


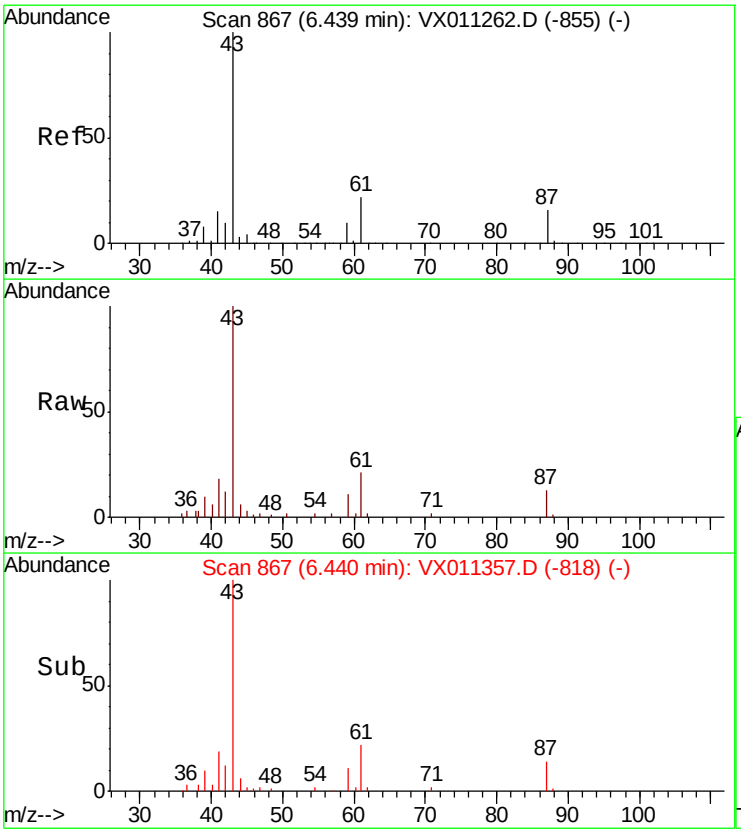
#38
Carbon Tetrachloride
Concen: 7.277 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion:117 Resp: 18420

Ion	Ratio	Lower	Upper
117	100		
119	4.1	79.0	118.4#
121	0.0	25.9	38.9#

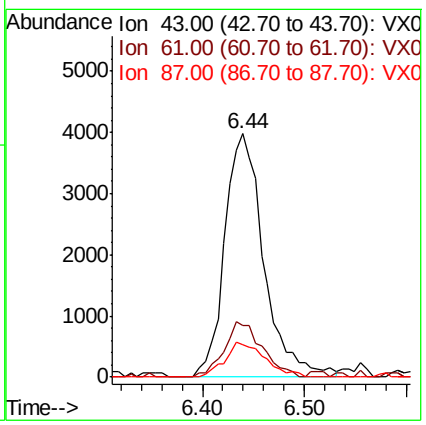


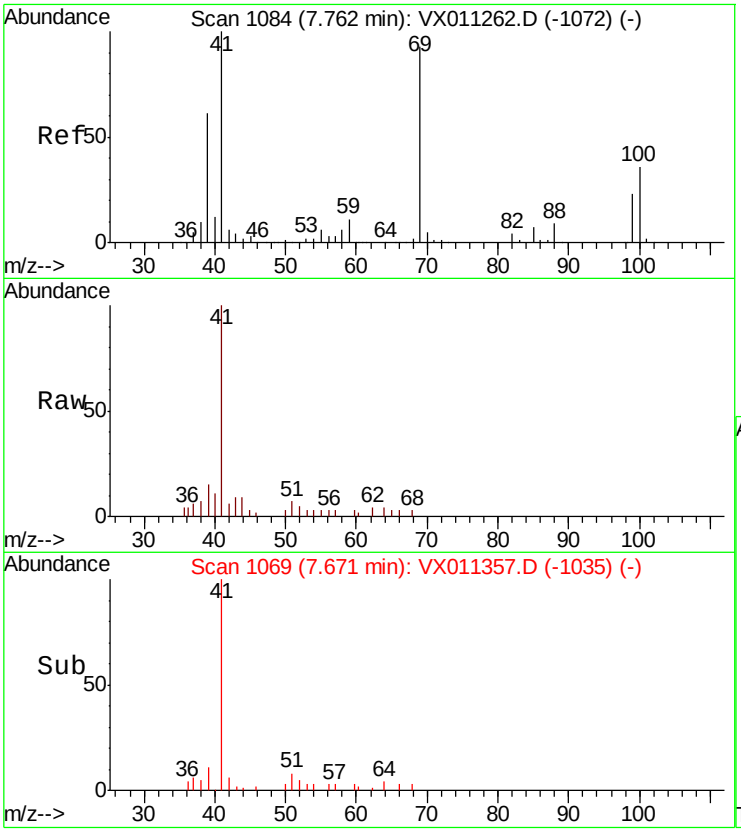


#43
Isopropyl Acetate
Concen: 2.621 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 10574

Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.5	24.7
87	14.6	12.1	18.1



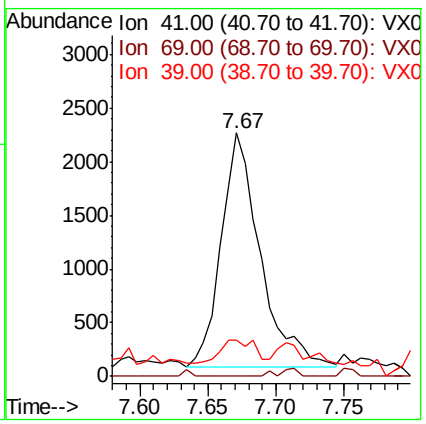


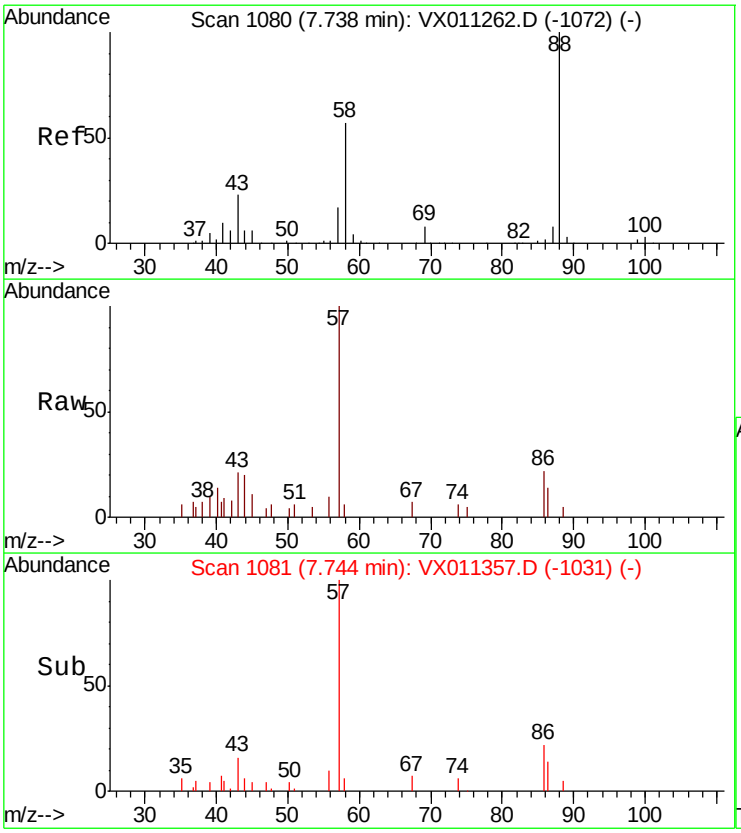
#48
Methyl methacrylate
Concen: 2.311 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 41 Resp: 4388

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#

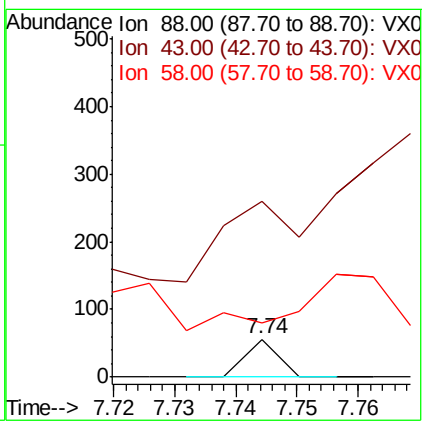


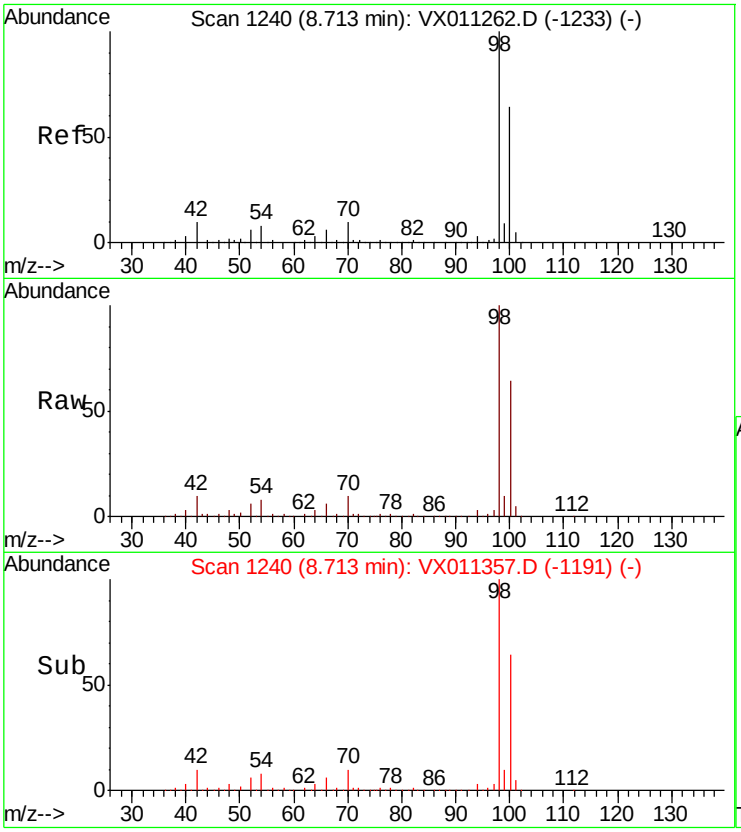


#49
1,4-Dioxane
Concen: 0.363 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	47.8	71.8#



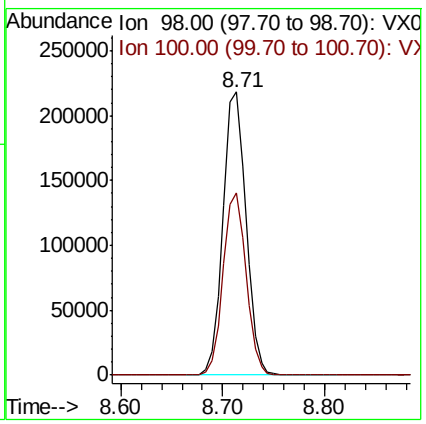


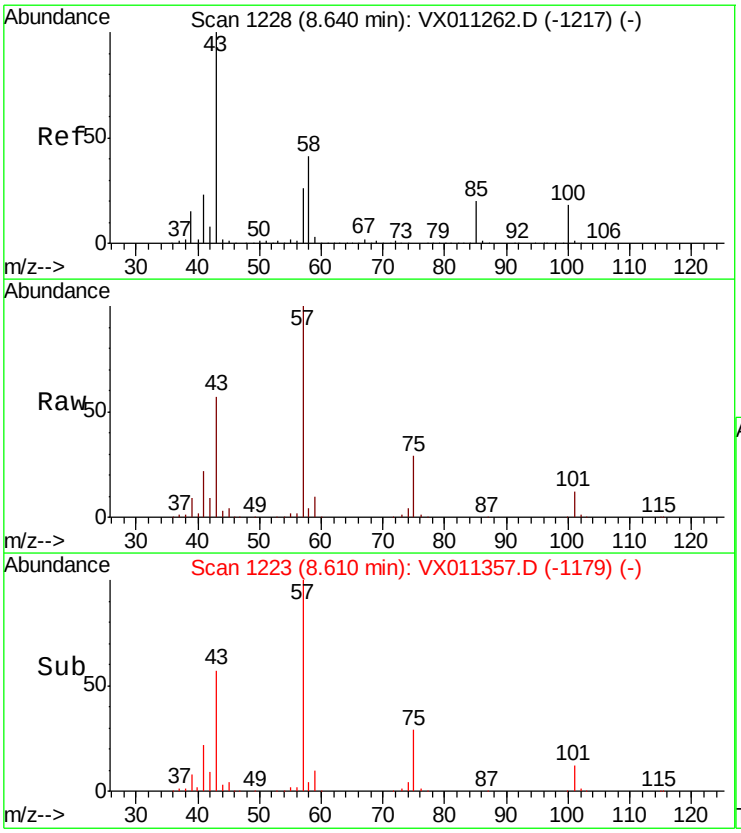
#50
Toluene-d8
Concen: 48.135 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 98 Resp: 341835

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

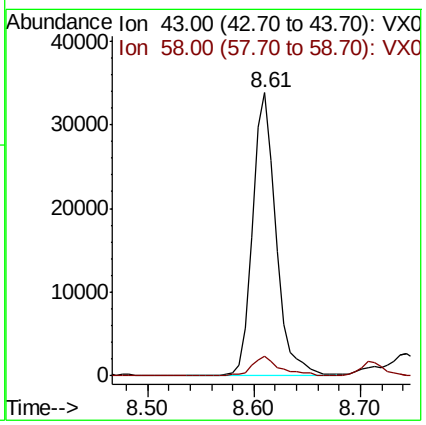


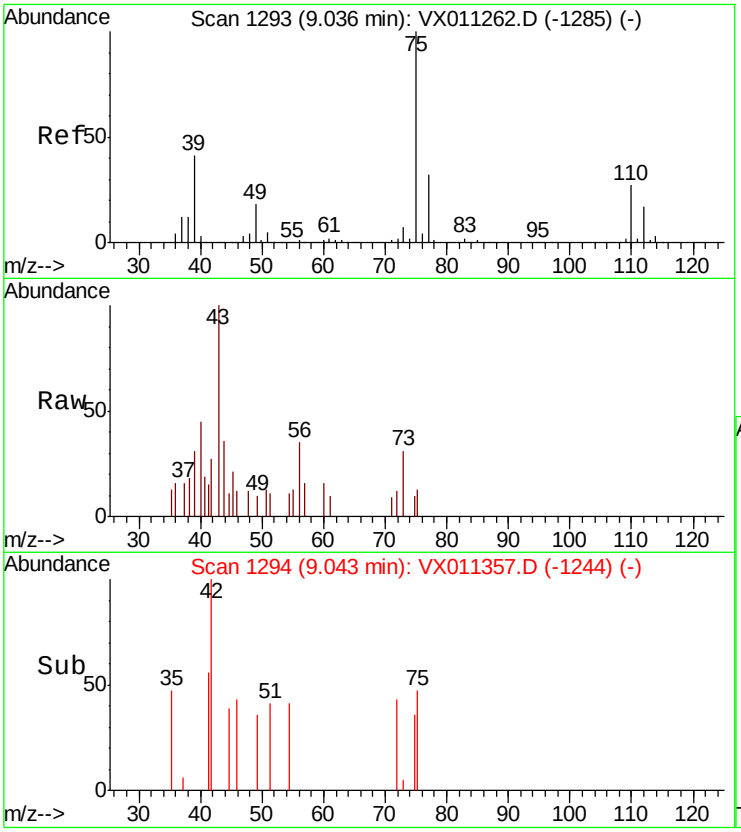


#51
4-Methyl-2-Pentanone
Concen: 19.950 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 51948

Ion	Ratio	Lower	Upper
43	100		
58	8.2	32.3	48.5#



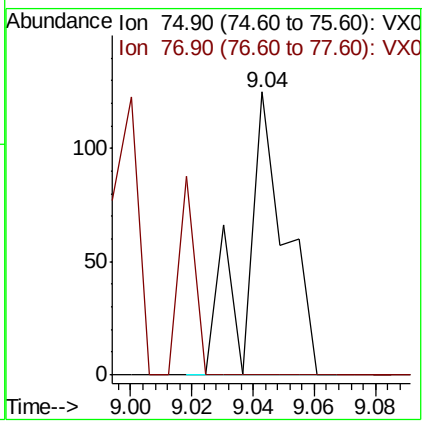


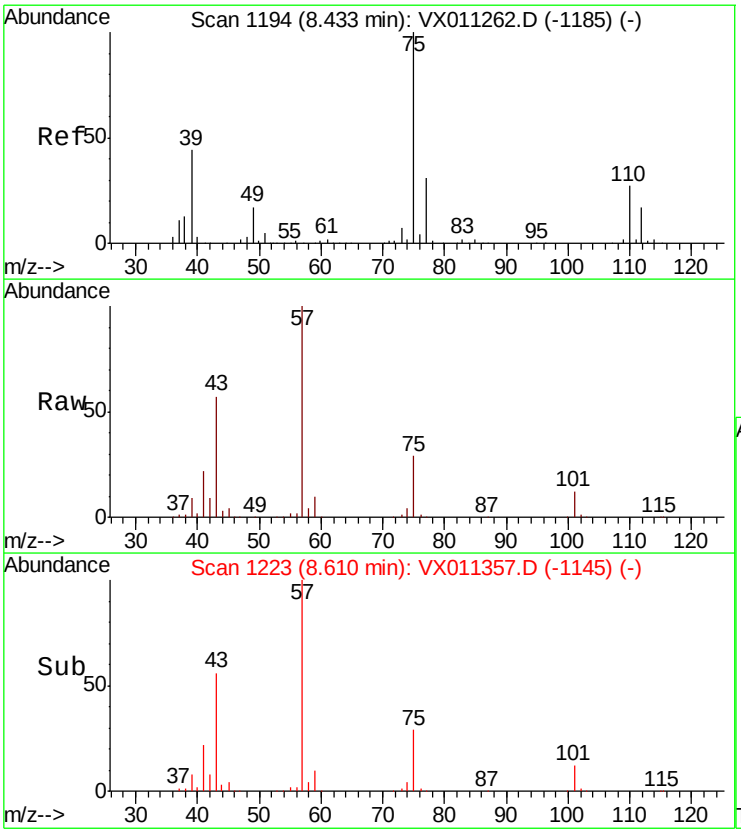
#53
t-1,3-Dichloropropene
Concen: 2.877 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 75 Resp: 113

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

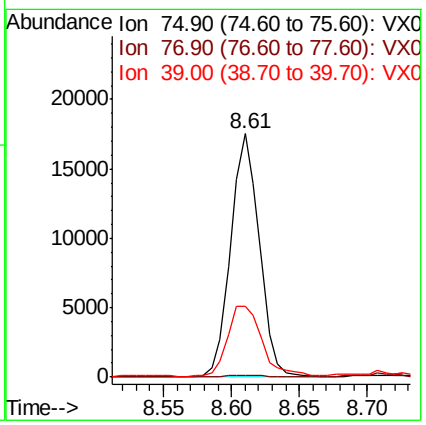


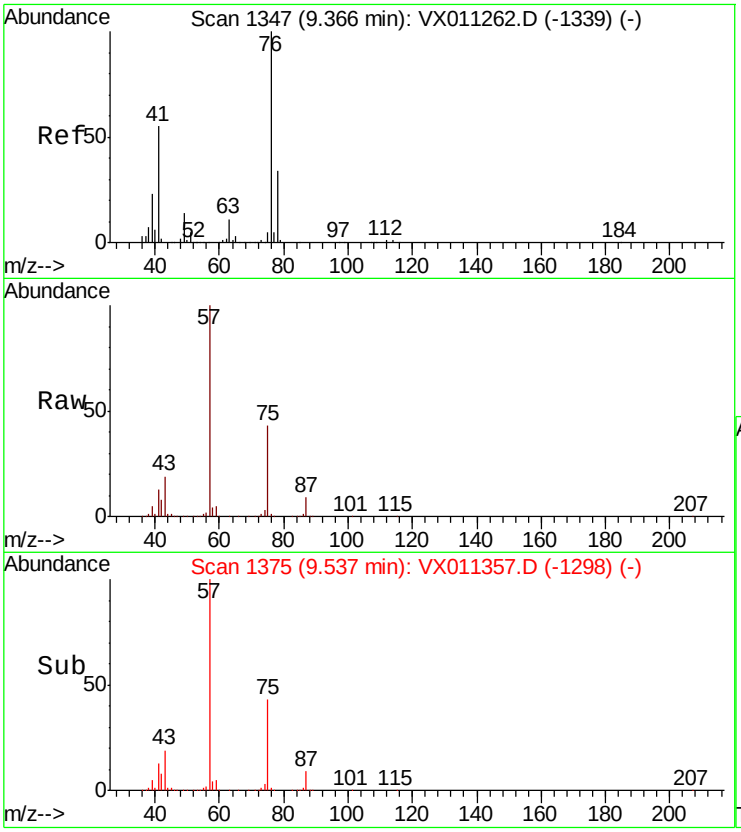


#54
cis-1,3-Dichloropropene
Concen: 9.143 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 75 Resp: 25668

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.6#
39	28.8	35.3	52.9#



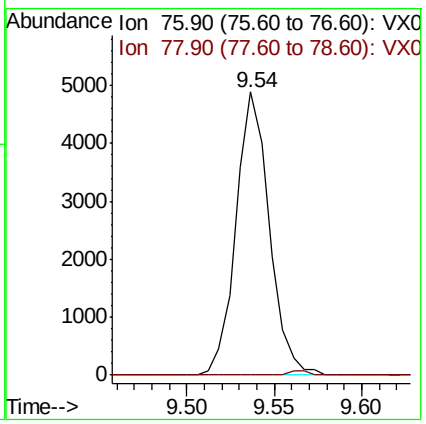


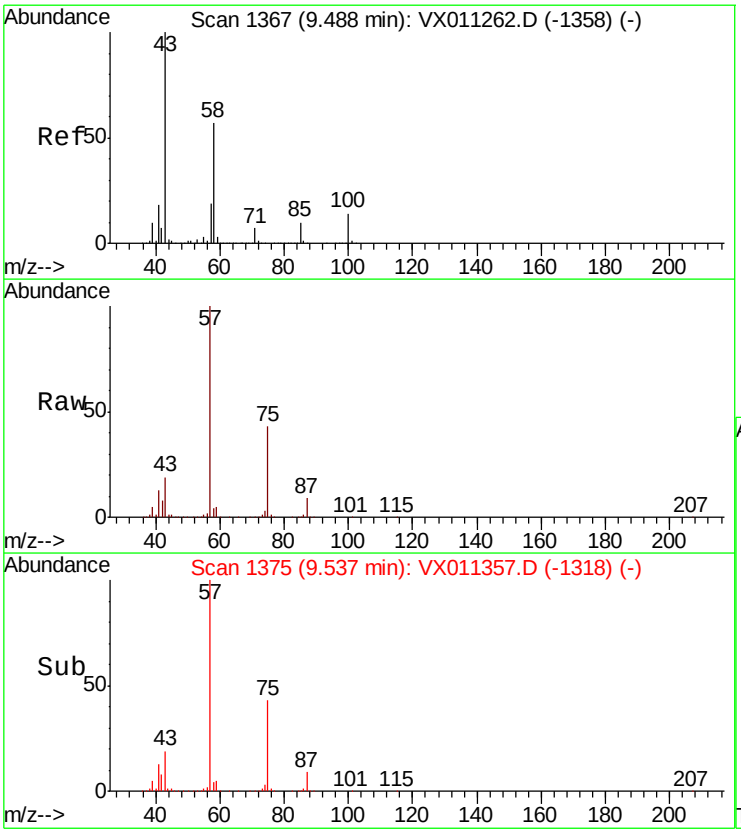
#57
1,3-Dichloropropane
Concen: 2.006 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 76 Resp: 6474

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#

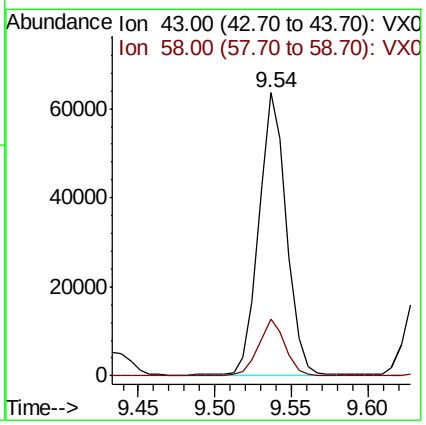


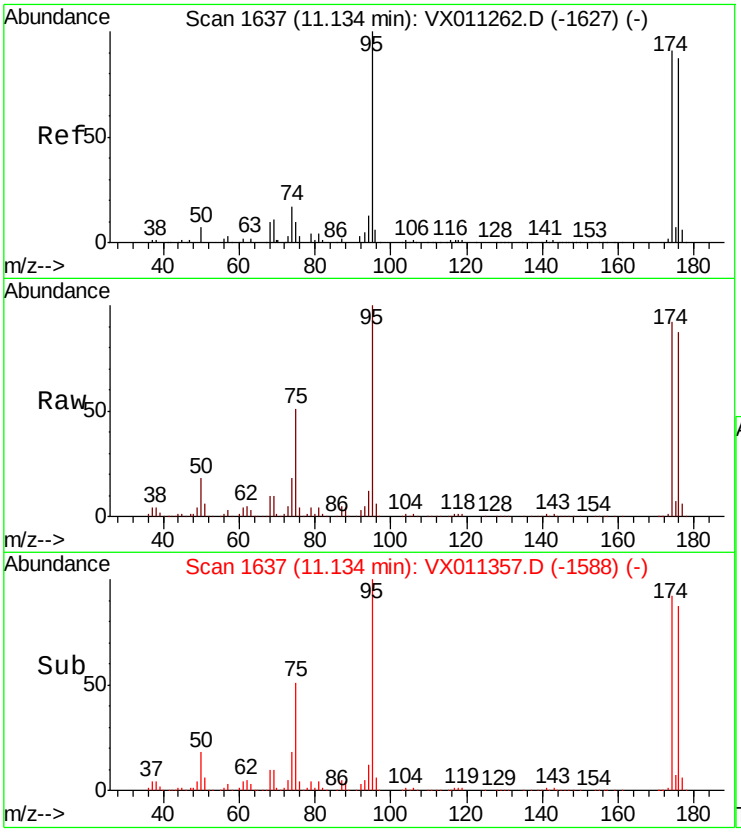


#59
2-Hexanone
Concen: 39.775 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion: 43 Resp: 80223

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.2	84.6#



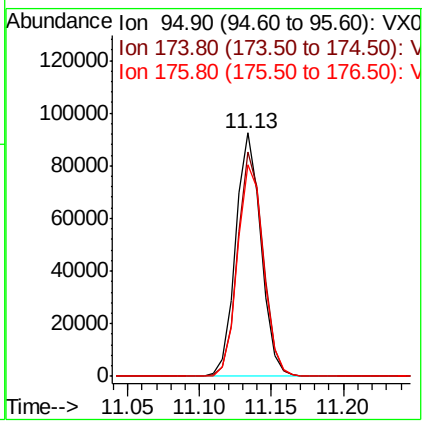


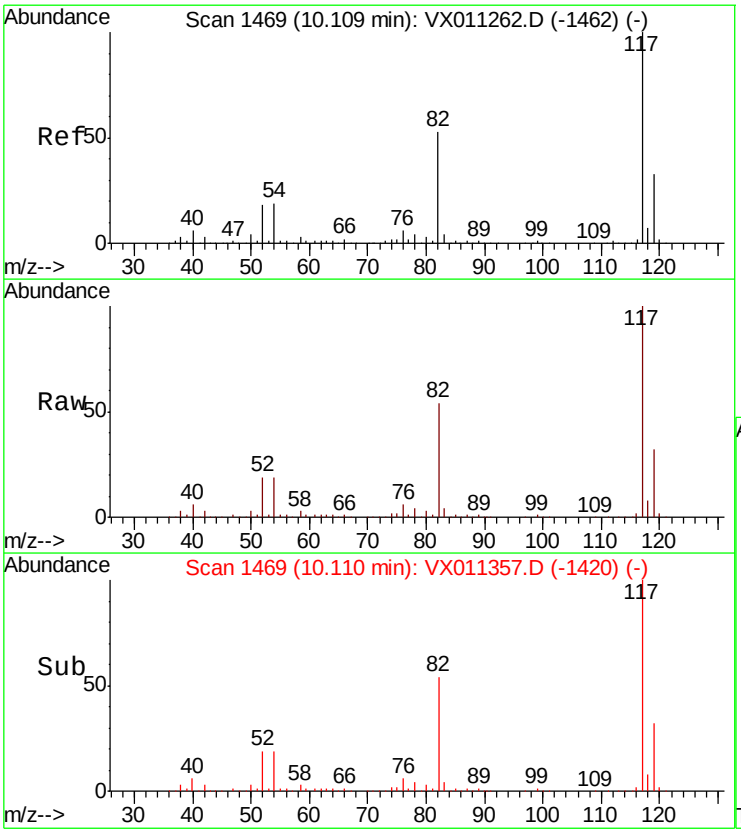
#62
4-Bromofluorobenzene
Concen: 44.736 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 95 Resp: 113428

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	191.2
176	89.2	0.0	184.8

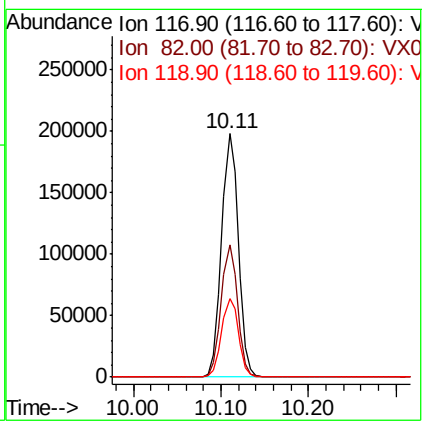


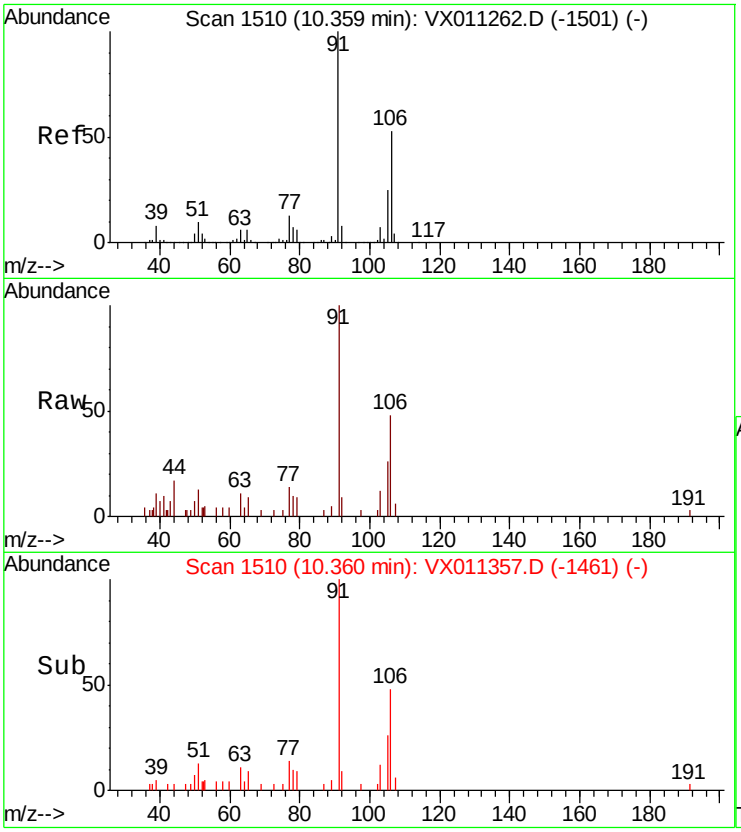


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion:117 Resp: 262744

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.2
119	32.0	26.6	39.8



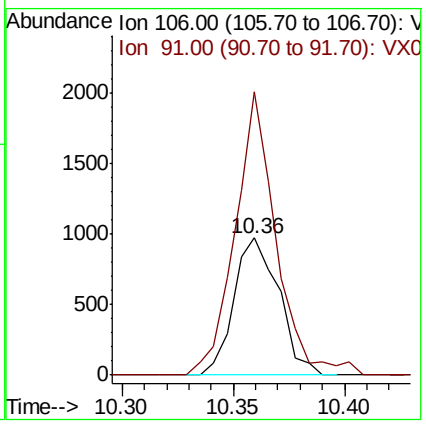


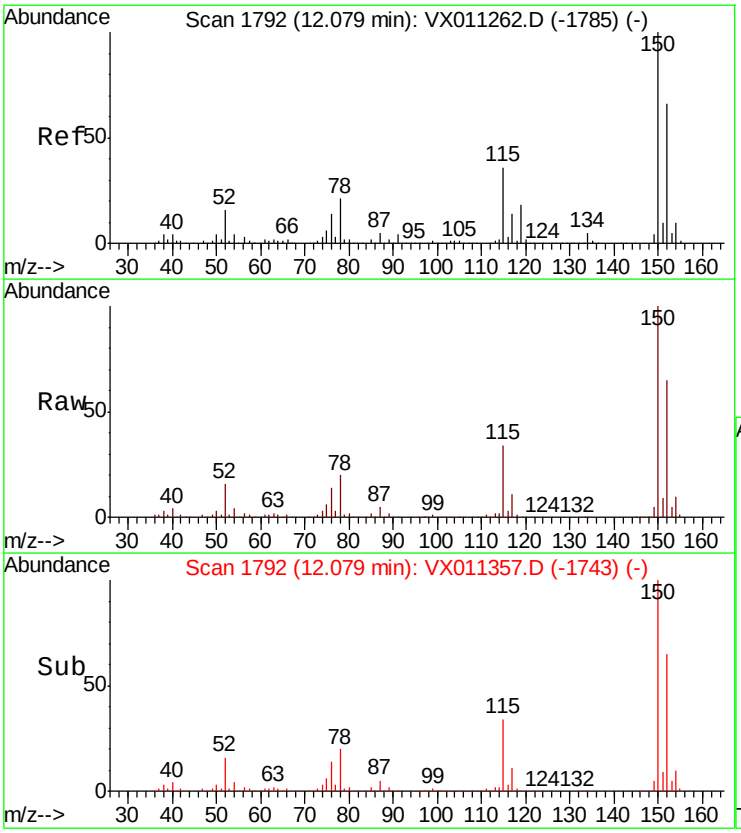
#68
m/p-Xylenes
Concen: 0.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion:106 Resp: 1365

Ion	Ratio	Lower	Upper
106	100		
91	187.9	155.9	233.9

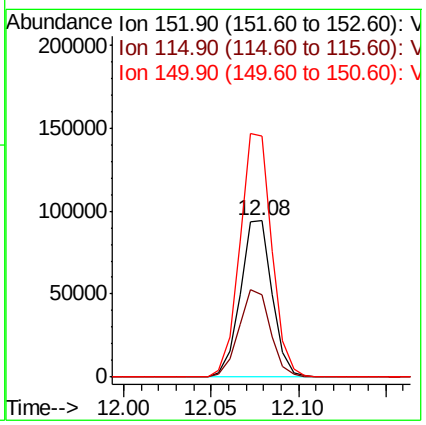


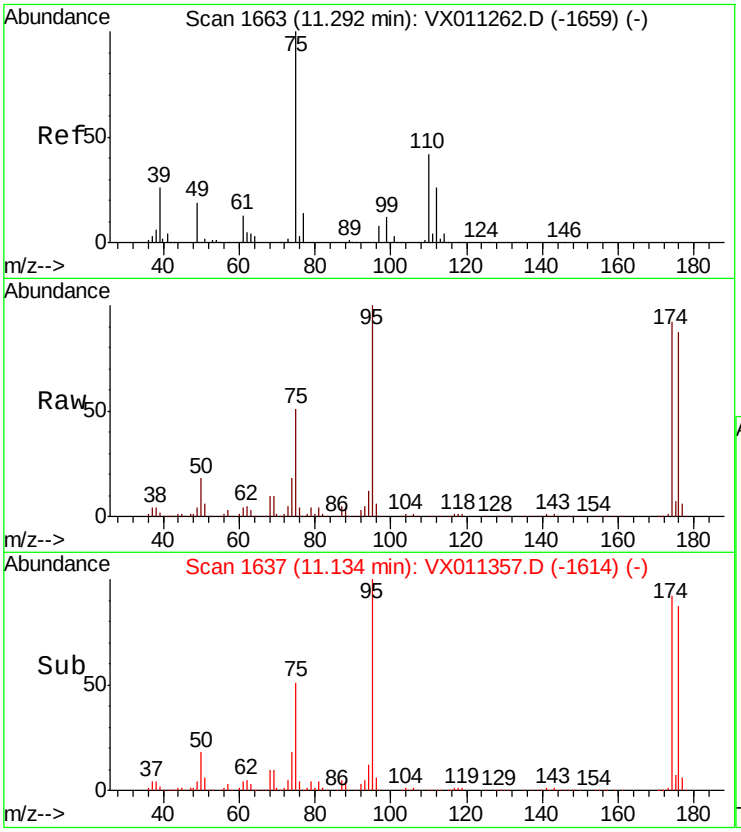


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion:152 Resp: 118578

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.0	119.9
150	156.7	0.0	350.4



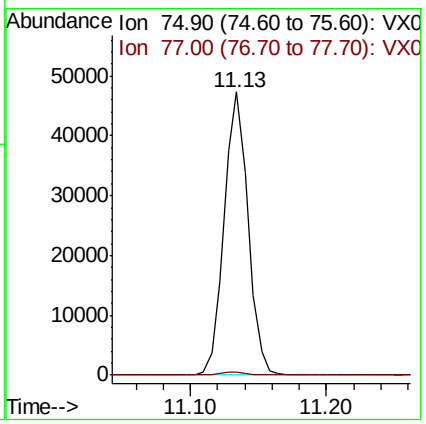


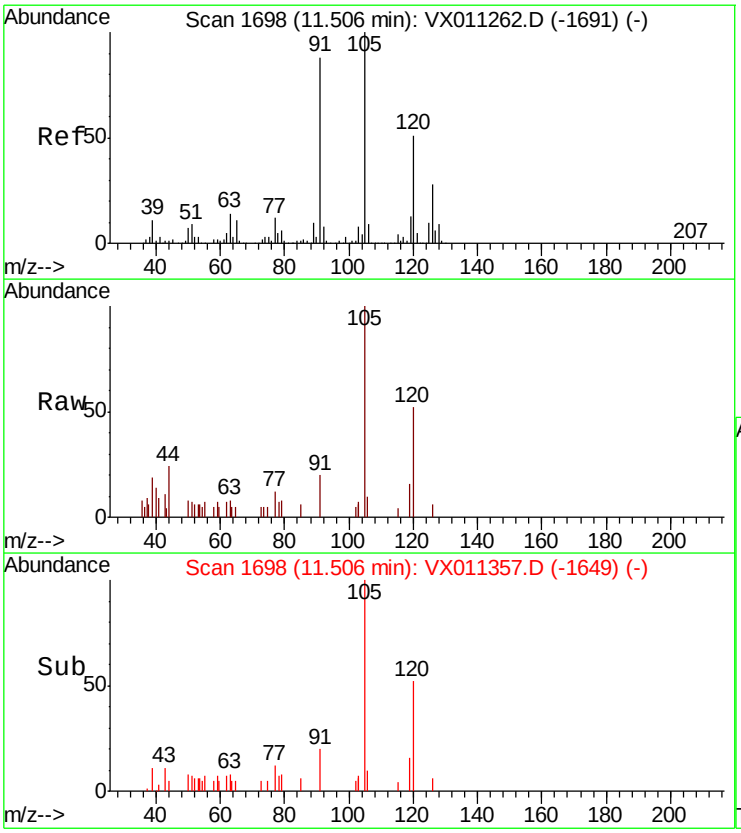
#76
1,2,3-Trichloropropane
Concen: 26.658 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 75 Resp: 57566

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.4#

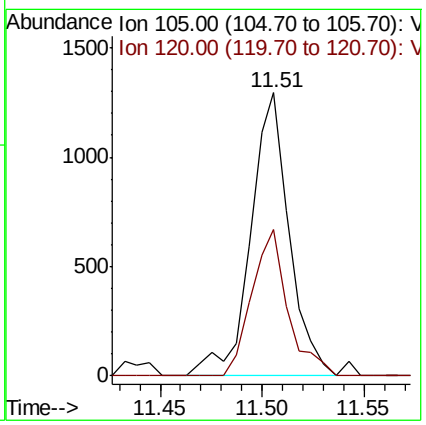


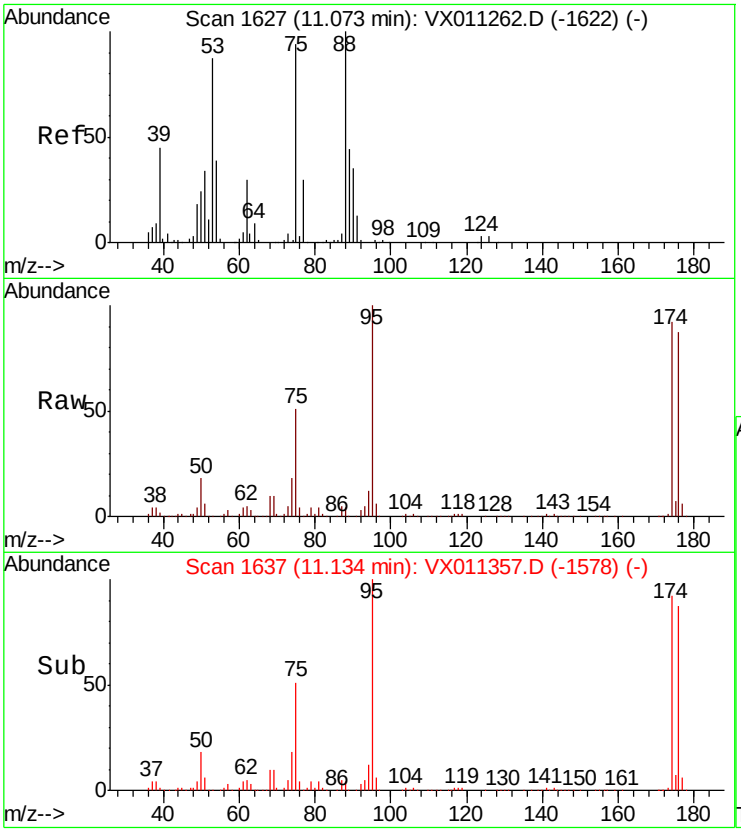


#80
1,3,5-Trimethylbenzene
Concen: 0.251 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Tgt Ion:105 Resp: 1704

Ion	Ratio	Lower	Upper
105	100		
120	48.5	25.1	75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 69.265 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011357.D
Acq: 07 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB122026TB

Tgt Ion: 75 Resp: 57566

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.1	37.9	56.9#