Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011180.D
Acq On : 30 Jul 2019 05:50
Operator : JC/SP
Sample : PB121753ZHE#03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#03

Quant Time: Jul 30 08:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	182847	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	297916	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	295355	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133916	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	103300	53.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.20%				
35) Dibromofluoromethane	5.50	113	94485	49.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.94%				
50) Toluene-d8	8.71	98	371811	52.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.86%				
62) 4-Bromofluorobenzene	11.13	95	131581	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	25	0.559	ug/l	#	43
5) Bromomethane	1.67	94	278	0.288	ug/l	#	2
6) Chloroethane	1.74	64	597	0.548	ug/l		91
8) Diethyl Ether	2.19	74	782	0.782	ug/l		98
11) Tert butyl alcohol	3.04	59	486	1.073	ug/l	#	73
13) Acrolein	2.30	56	141	0.539	ug/l	#	2
16) Acetone	2.44	43	500824	570.056	ug/l		98
18) Methyl Acetate	2.78	43	1232	0.616	ug/l		94
20) Methylene Chloride	2.86	84	154229	82.837	ug/l		97
25) 2-Butanone	4.68	43	1834	1.454	ug/l	#	85
29) Tetrahydrofuran	5.12	42	319	0.399	ug/l	#	35
31) Cyclohexane	5.67	56	3768	1.427	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	12122	4.954	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	17204	6.747	ug/l	#	17
43) Isopropyl Acetate	6.45	43	11509	2.793	ug/l		98
48) Methyl methacrylate	7.68	41	5225	2.603	ug/l	#	10
49) 1,4-Dioxane	7.68	88	20	0.356	ug/l	#	28
51) 4-Methyl-2-Pentanone	8.61	43	56220	21.049	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	28581	9.843	ug/l	#	65
57) 1,3-Dichloropropane	9.54	76	7095	2.206	ug/l	#	43
59) 2-Hexanone	9.44	43	8293	4.003	ug/l	#	23
68) m/p-Xylenes	10.36	106	1378	0.348	ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	66807	27.645	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1842	0.244	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.13	75	66807	68.446	ug/l	#	11

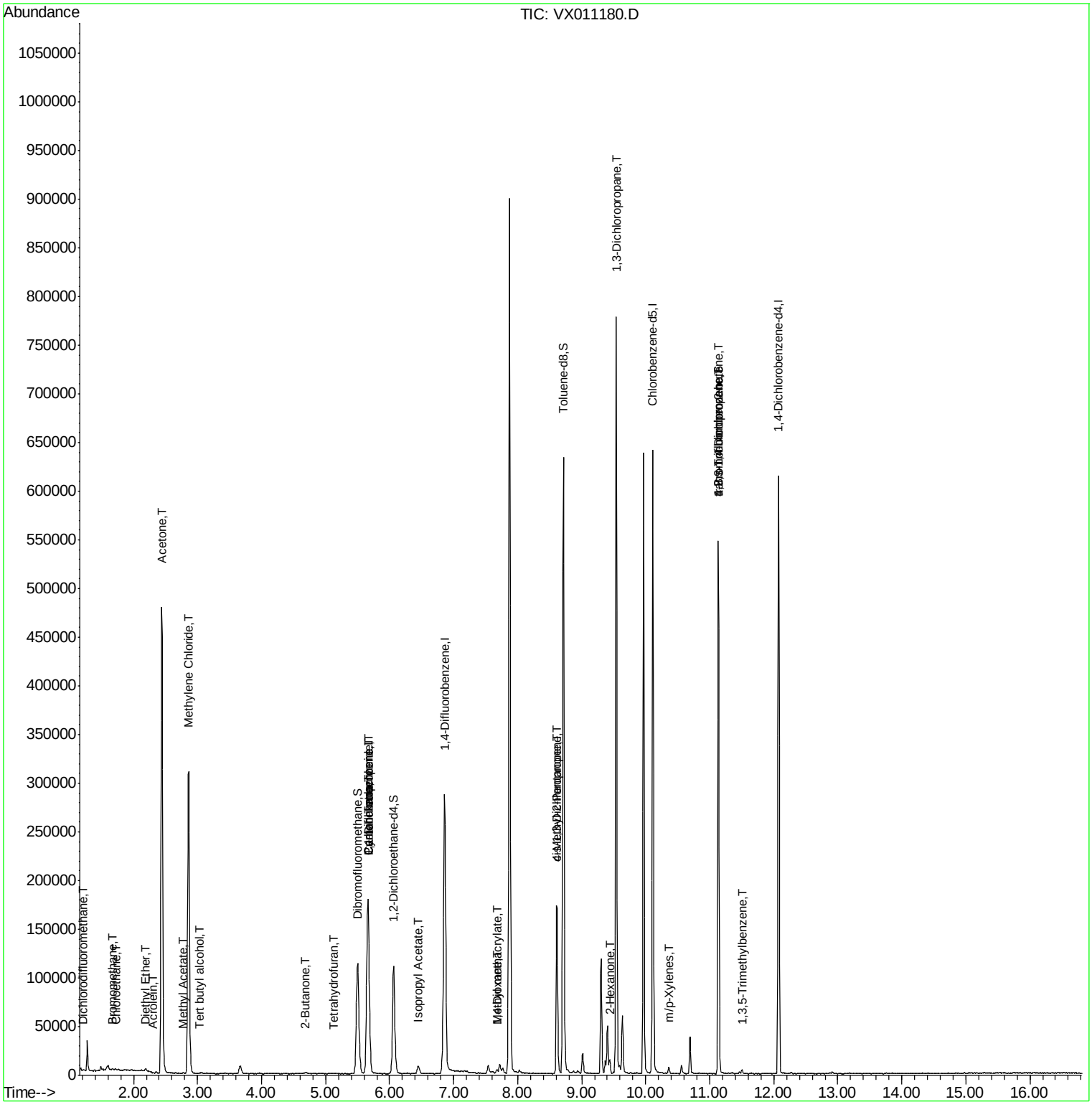
(#) = qualifier out of range (m) = manual integration (+) = signals summed

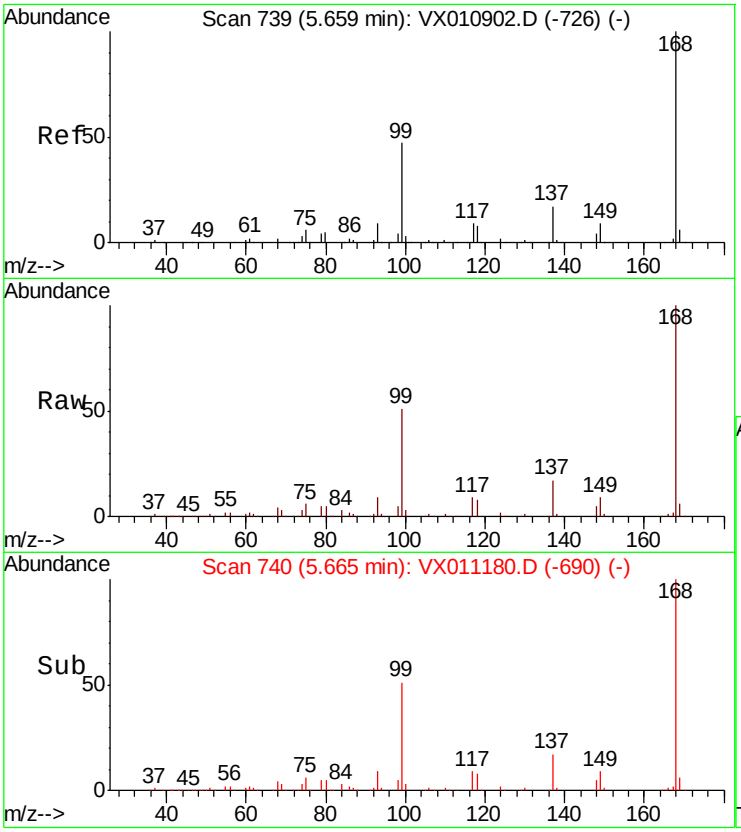
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011180.D
Acq On : 30 Jul 2019 05:50
Operator : JC/SP
Sample : PB121753ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Quant Time: Jul 30 08:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



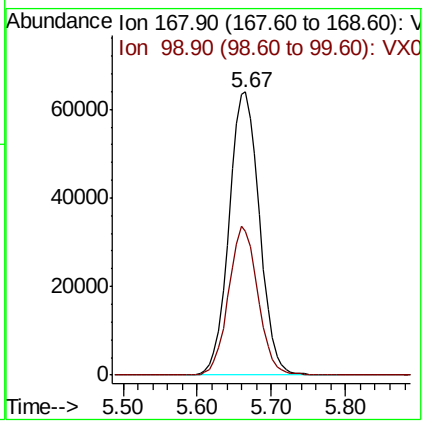


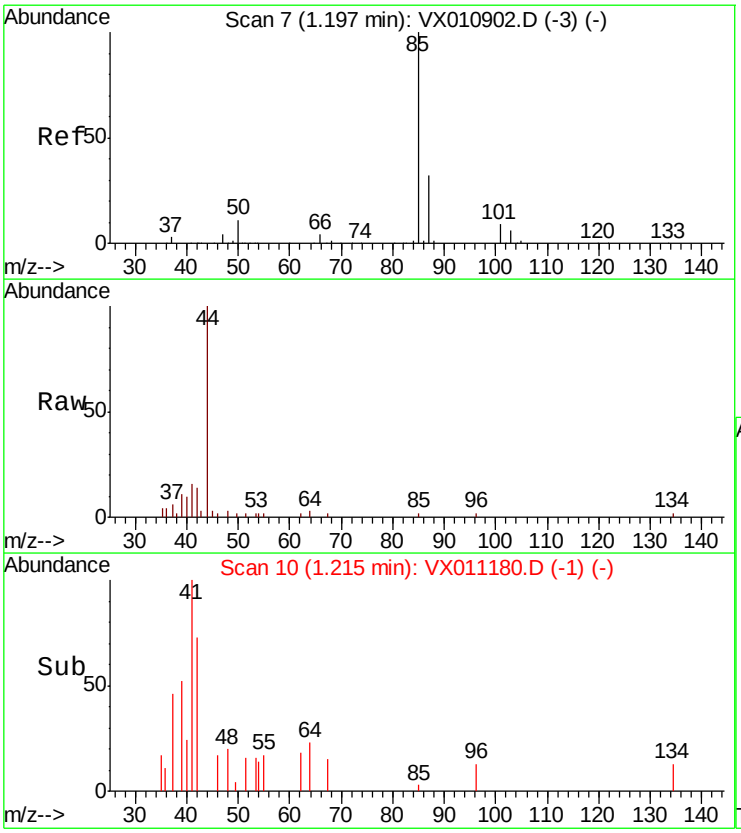
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion:168 Resp: 182847

Ion	Ratio	Lower	Upper
168	100		
99	50.6	37.6	56.4

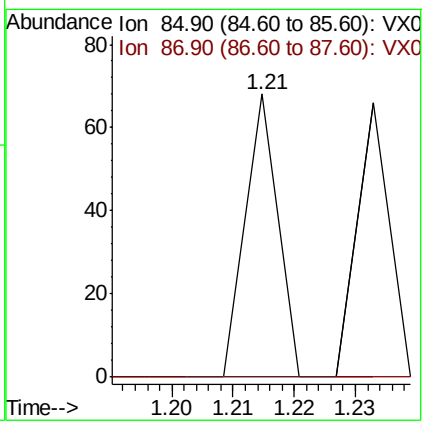


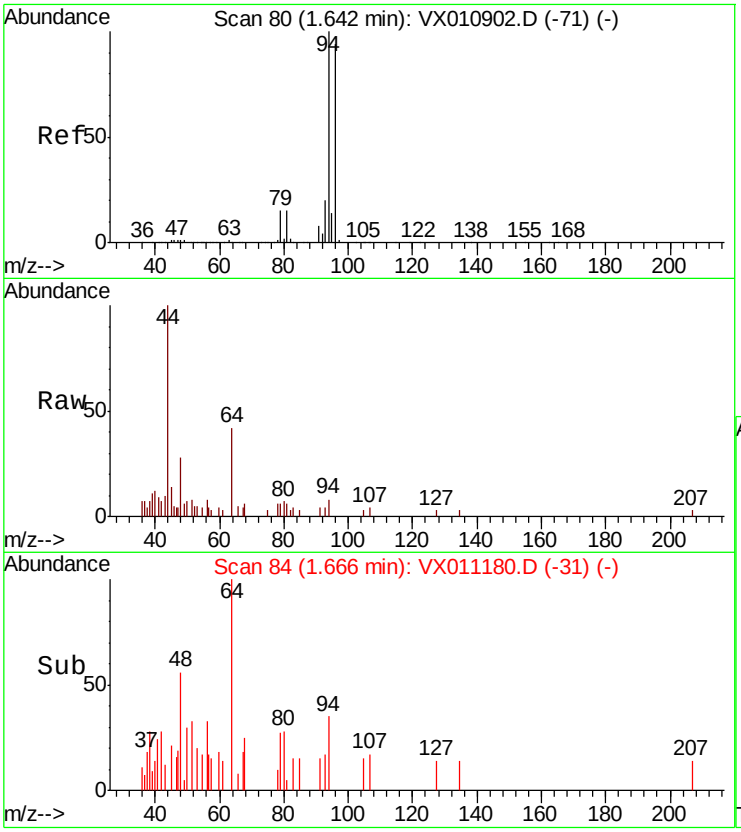


#2
Dichlorodifluoromethane
Concen: 0.559 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.02 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 85 Resp: 25

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



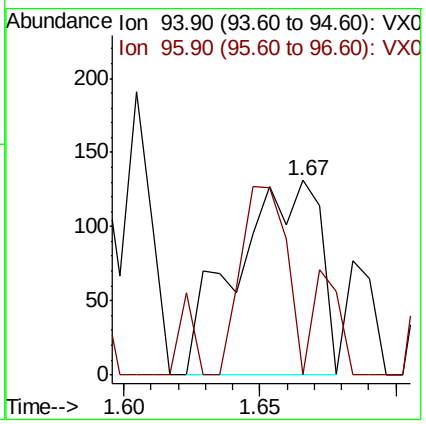


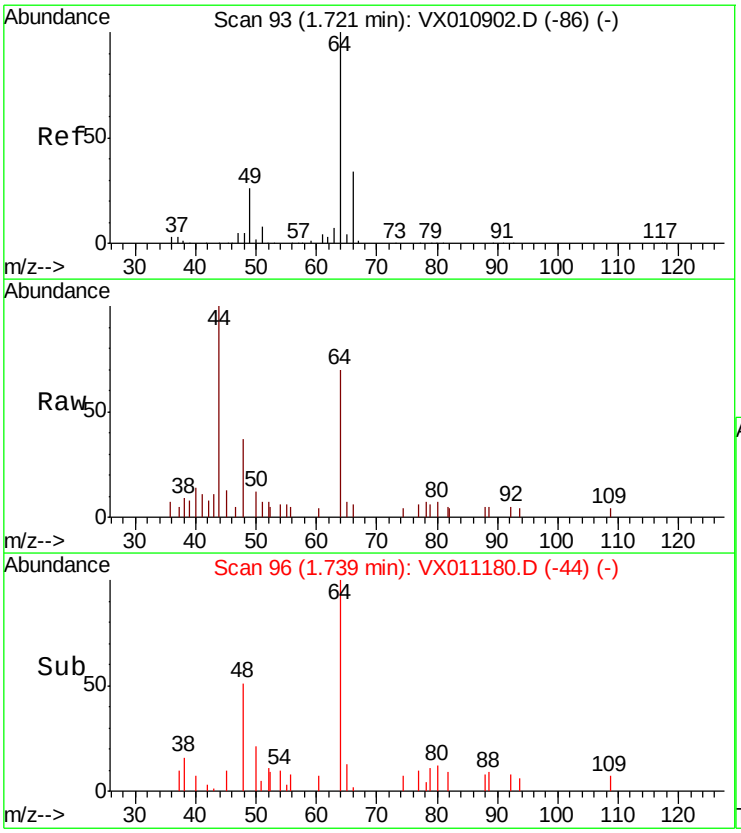
#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.02 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 94 Resp: 278

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.6	113.4#

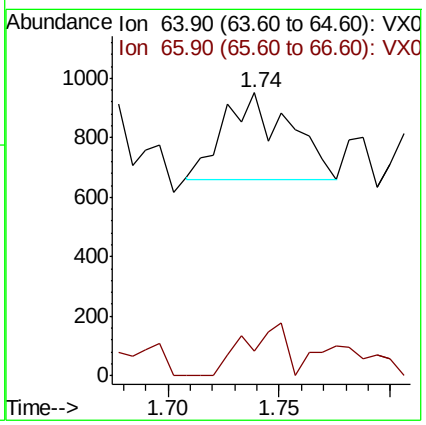


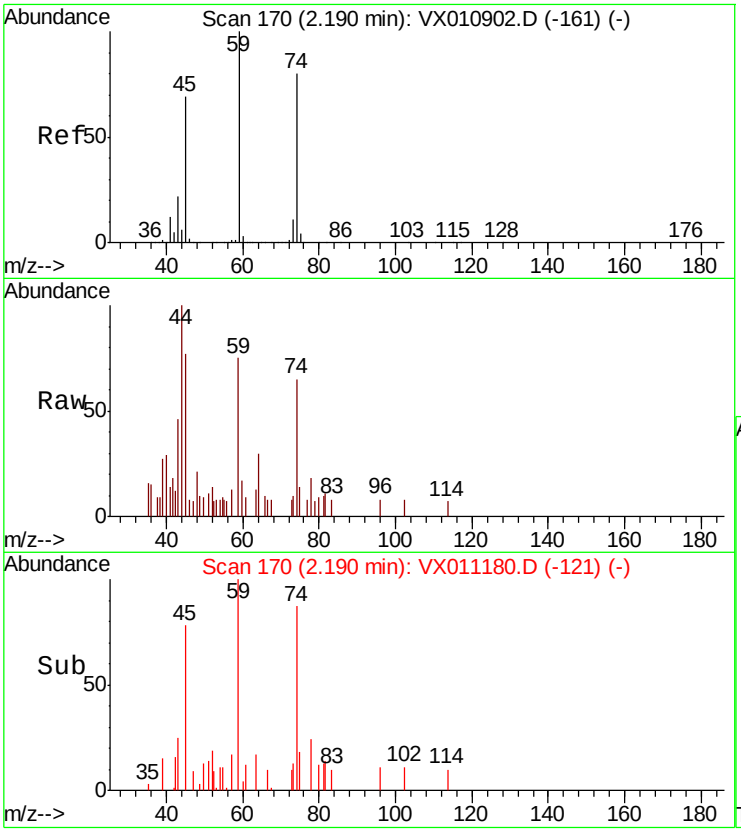


#6
Chloroethane
Concen: 0.548 ug/l
RT: 1.74 min Scan# 96
Delta R.T. 0.02 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 64 Resp: 597

Ion	Ratio	Lower	Upper
64	100		
66	28.8	27.0	40.6



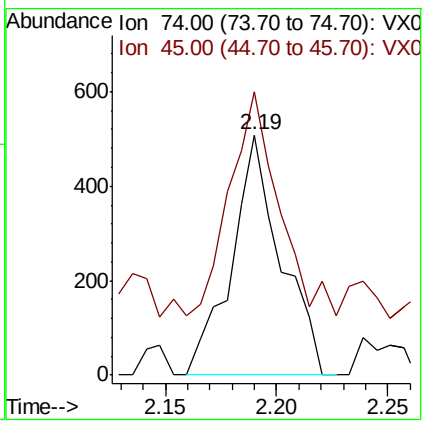


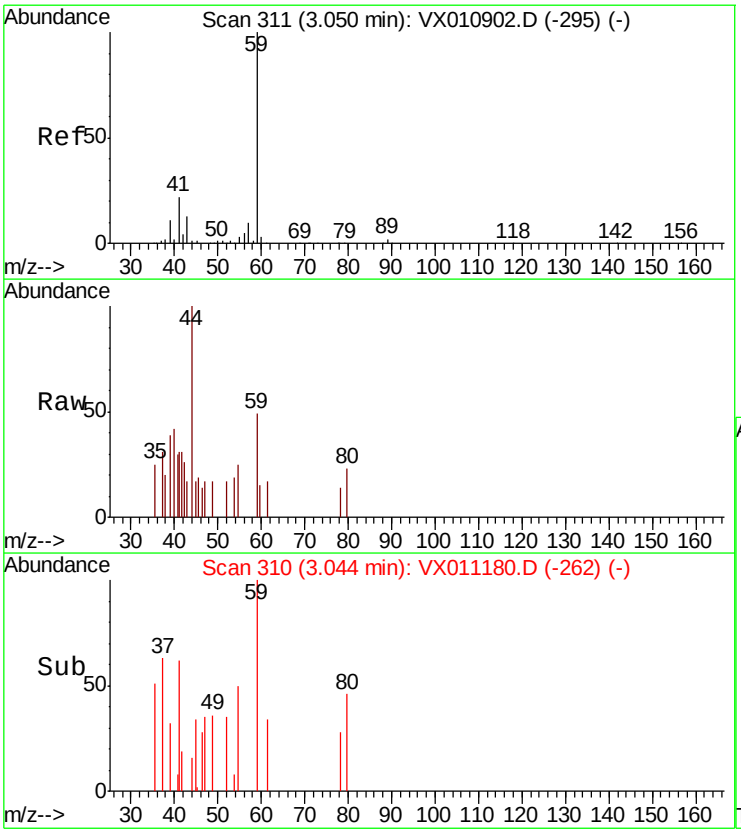
#8
Diethyl Ether
Concen: 0.782 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 74 Resp: 782

Ion	Ratio	Lower	Upper
74	100		
45	92.5	45.5	136.5

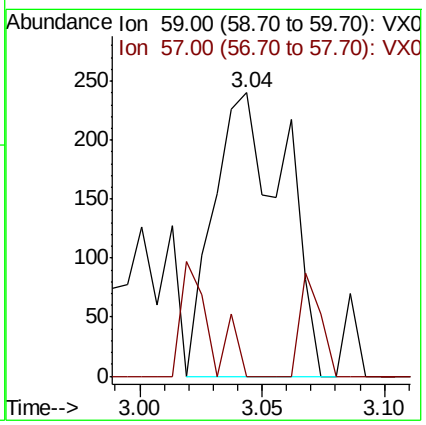


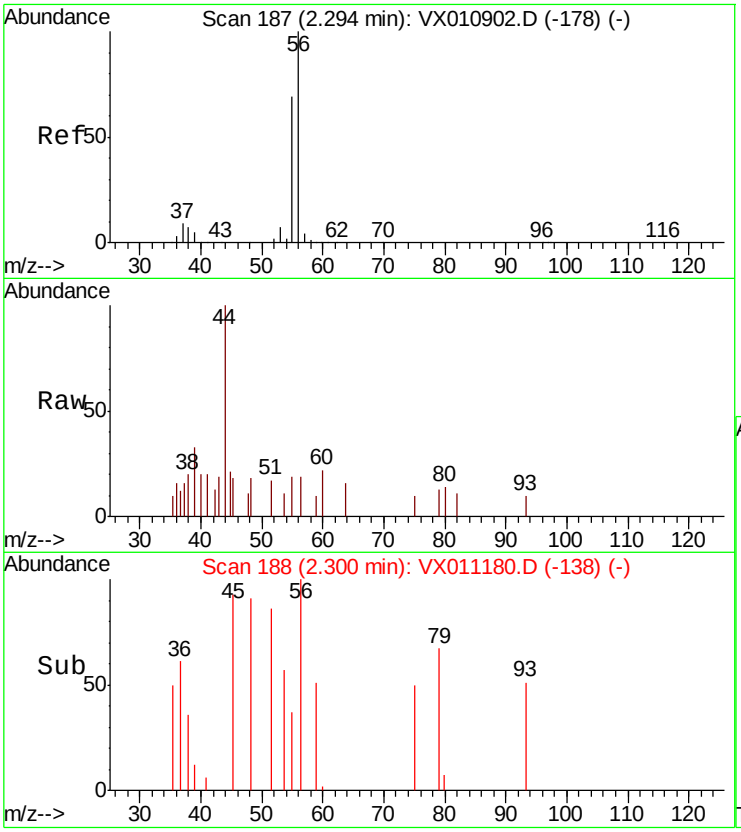


#11
Tert butyl alcohol
Concen: 1.073 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 59 Resp: 486

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



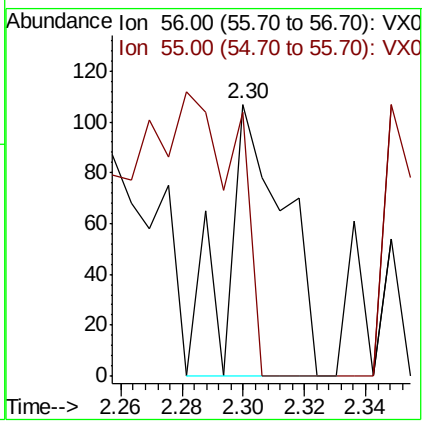


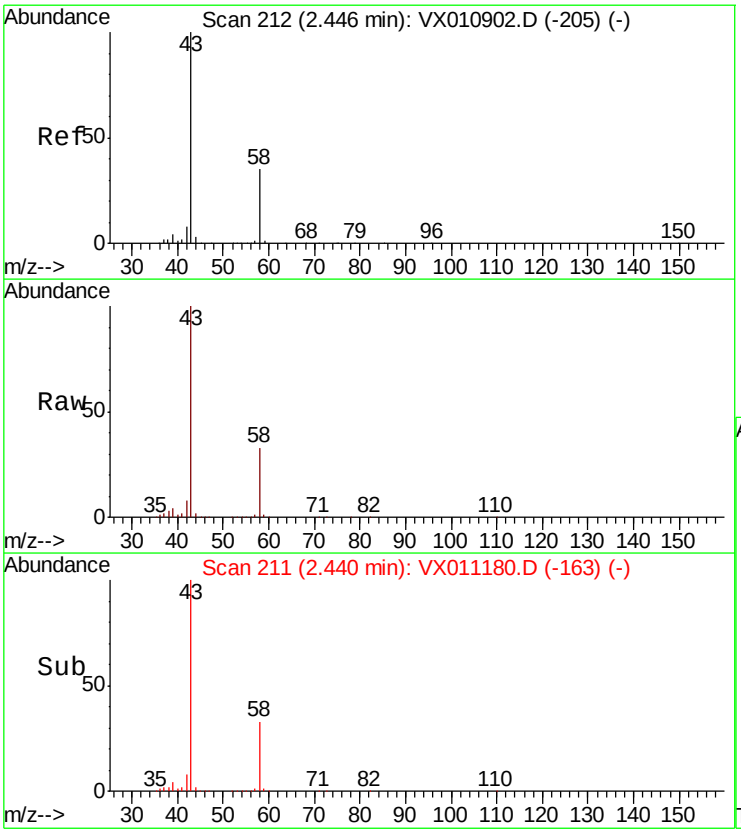
#13
Acrolein
Concen: 0.539 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 56 Resp: 141

Ion	Ratio	Lower	Upper
56	100		
55	150.4	55.9	83.9#

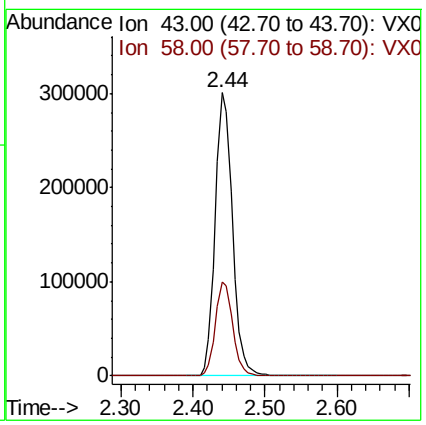


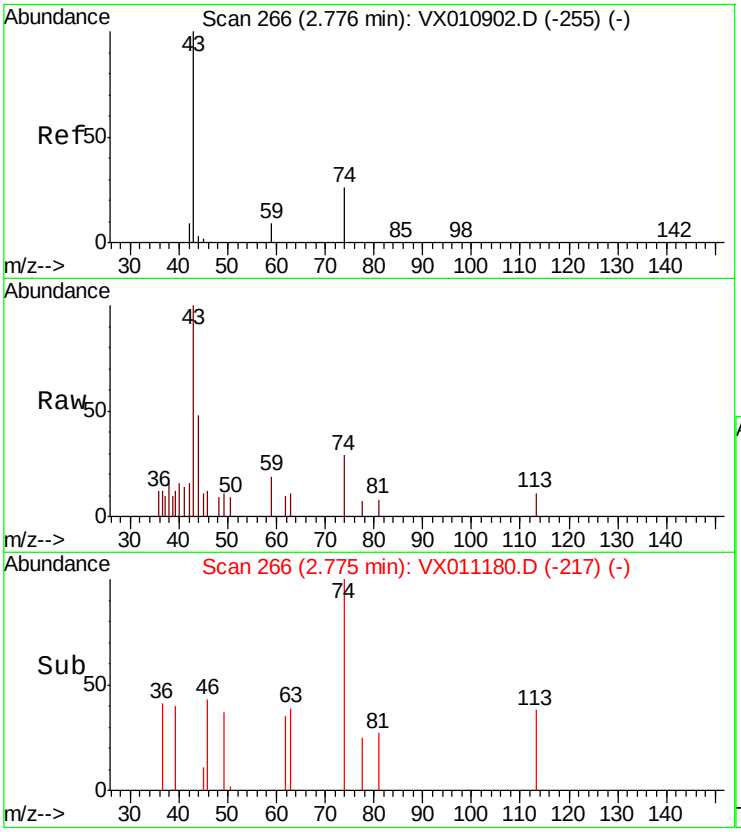


#16
Acetone
Concen: 570.056 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 43 Resp: 500824

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.7	41.5



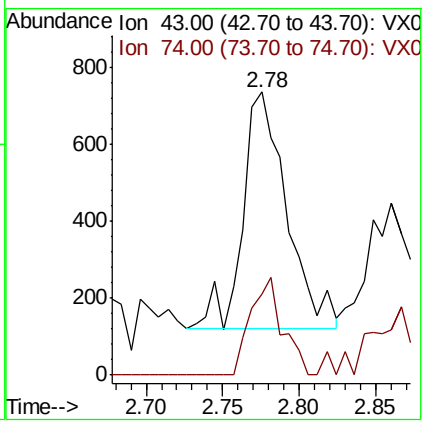


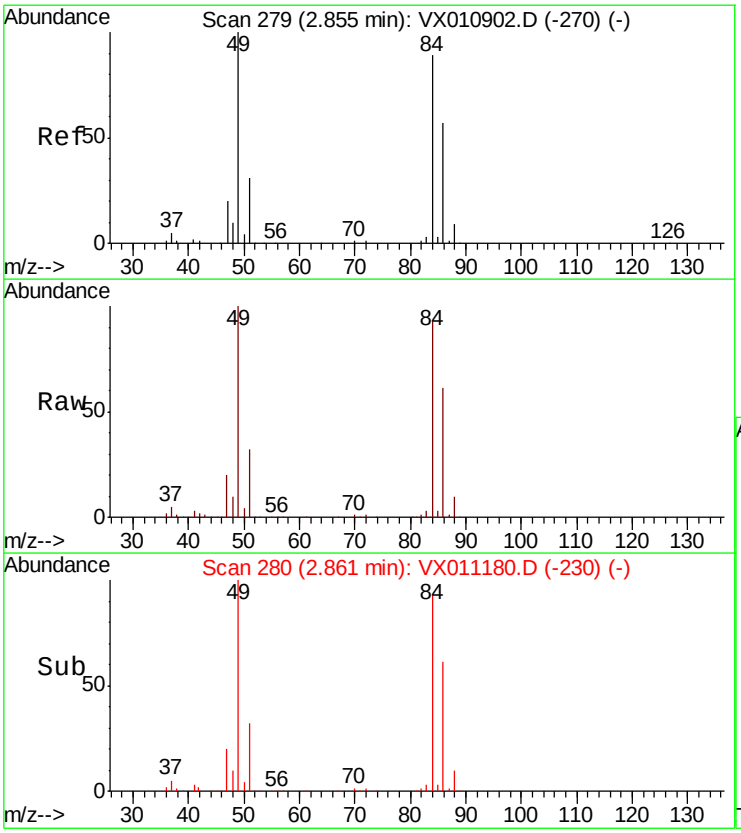
#18
Methyl Acetate
Concen: 0.616 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#03

Tgt Ion: 43 Resp: 1232

Ion	Ratio	Lower	Upper
43	100		
74	30.2	21.5	32.3

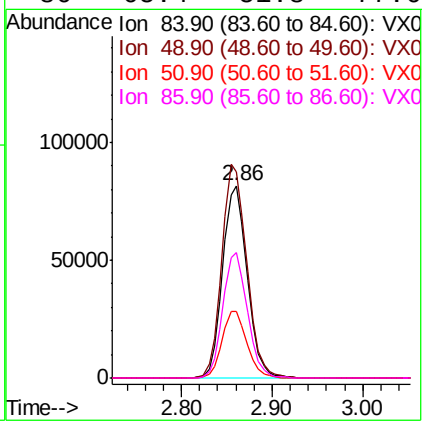


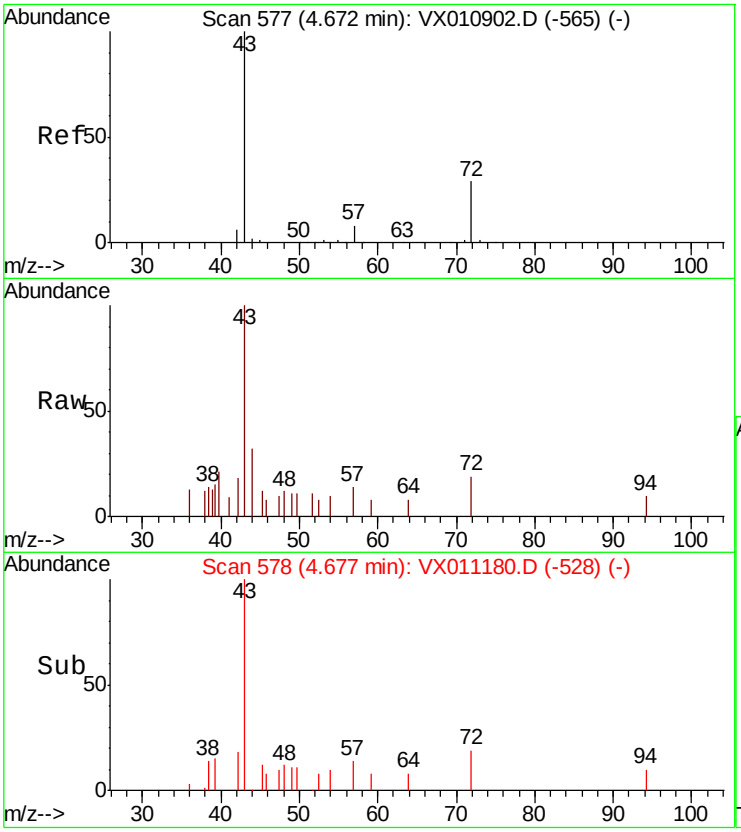


#20
Methylene Chloride
Concen: 82.837 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 84 Resp: 154229

Ion	Ratio	Lower	Upper
84	100		
49	107.3	89.9	134.9
51	34.3	27.8	41.6
86	65.4	51.8	77.6



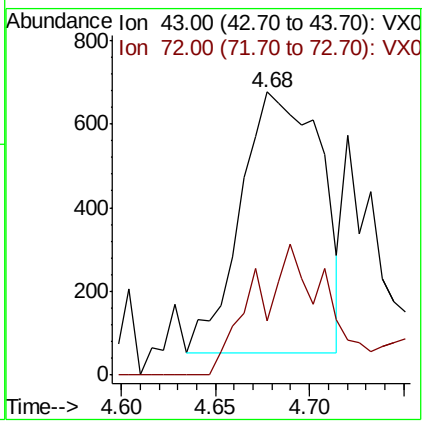


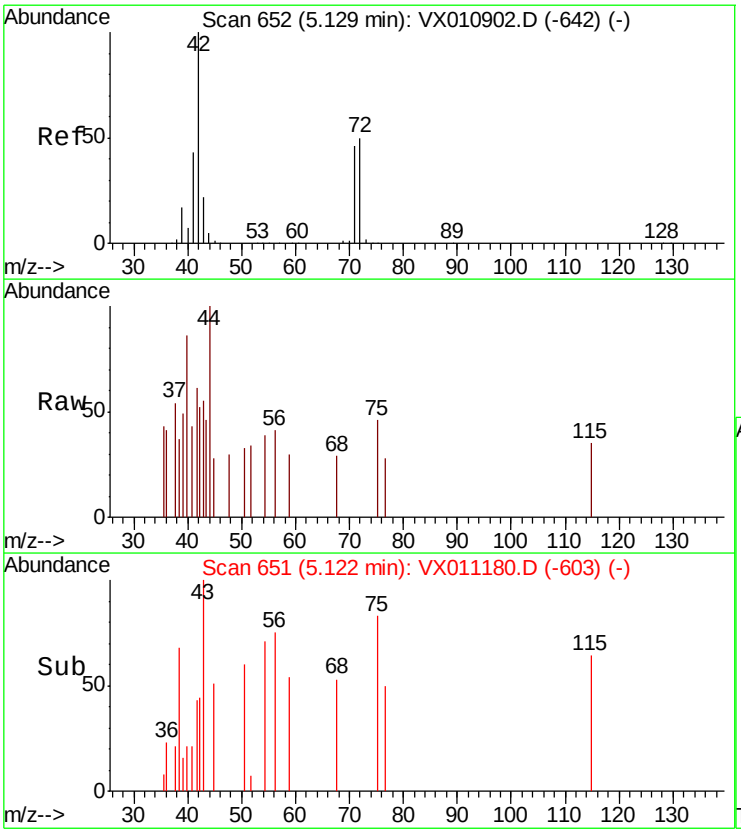
#25
2-Butanone
Concen: 1.454 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 43 Resp: 1834

Ion	Ratio	Lower	Upper
43	100		
72	20.7	23.0	34.6#

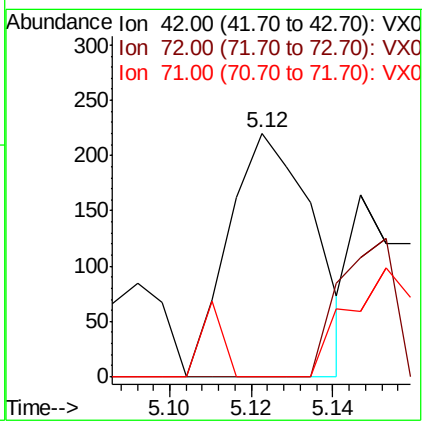


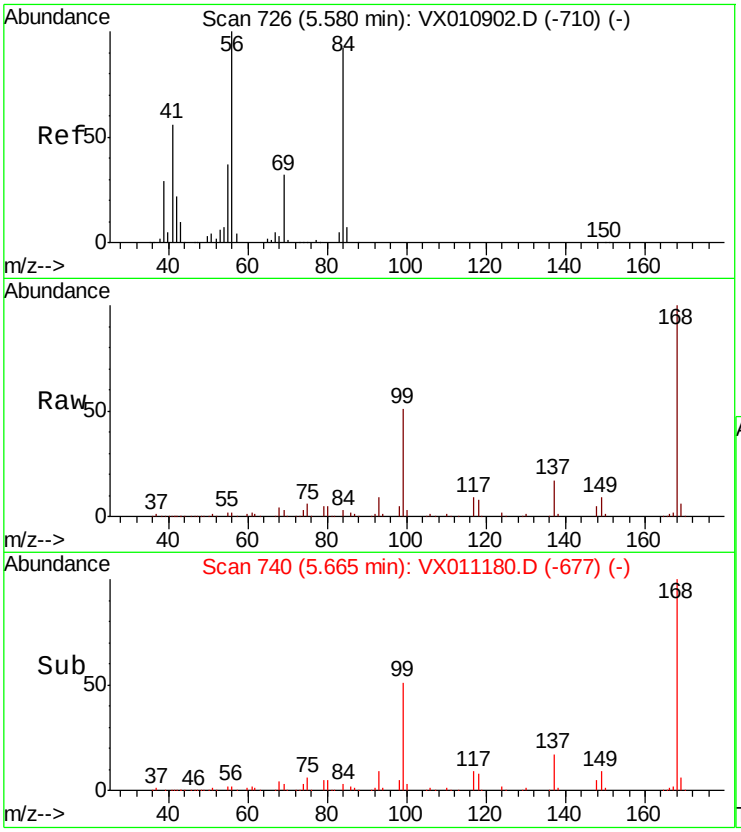


#29
Tetrahydrofuran
Concen: 0.399 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 42 Resp: 319

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.8	59.8#
71	7.8	37.0	55.4#



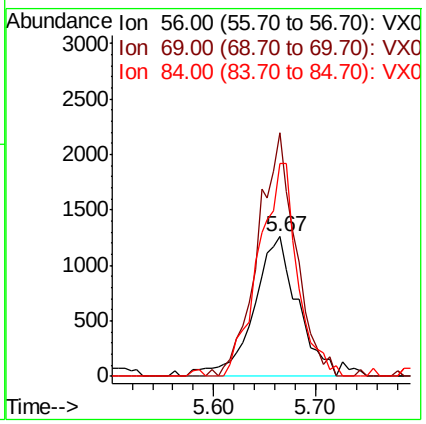


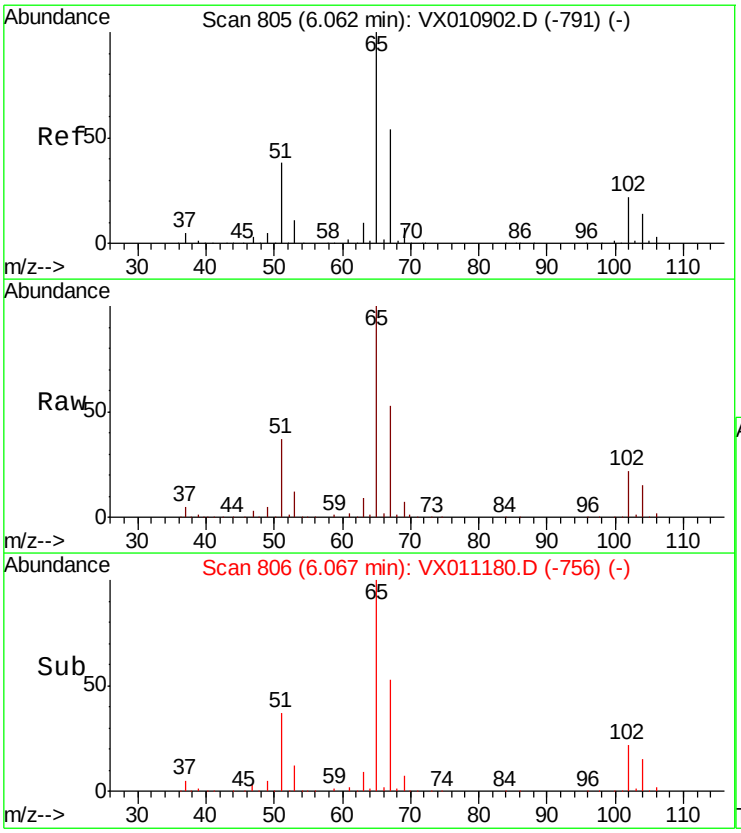
#31
Cyclohexane
Concen: 1.427 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#03

Tgt Ion: 56 Resp: 3768

Ion	Ratio	Lower	Upper
56	100		
69	174.5	25.8	38.8#
84	152.7	73.8	110.6#

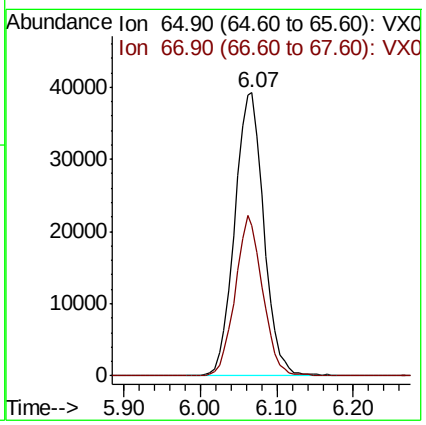


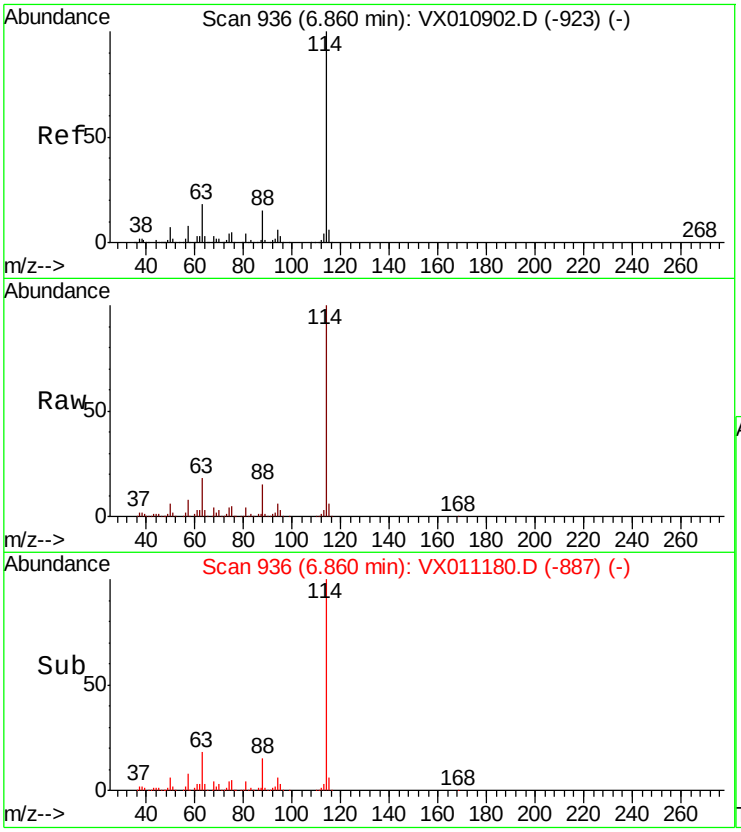


#33
1,2-Dichloroethane-d4
Concen: 53.105 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 65 Resp: 103300

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.8



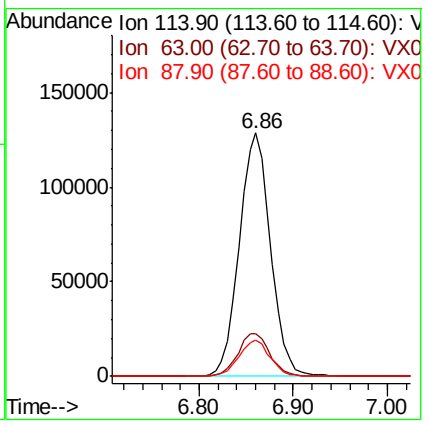


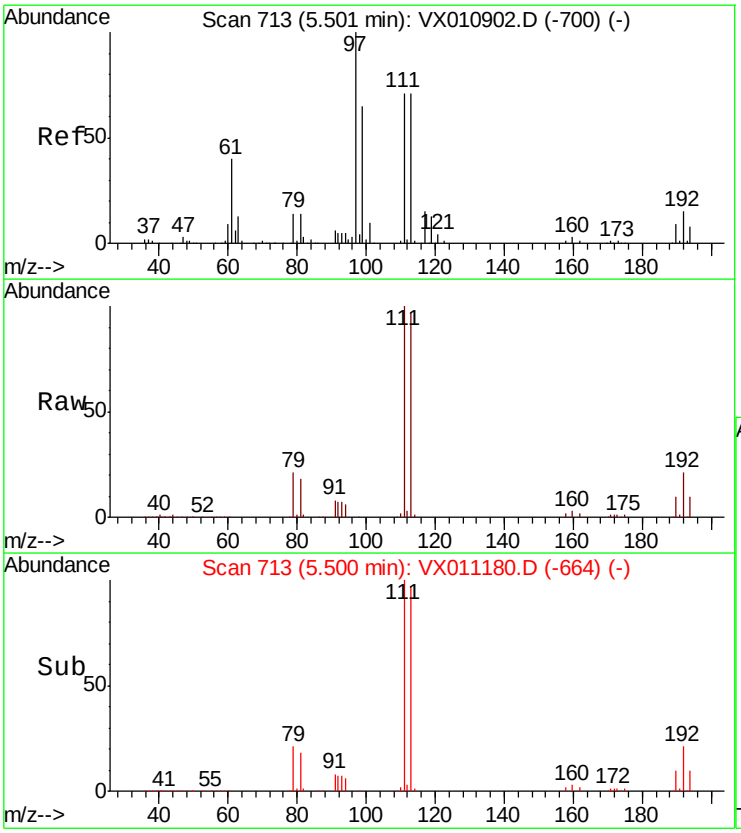
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion:114 Resp: 297916

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.6
88	14.8	0.0	29.8

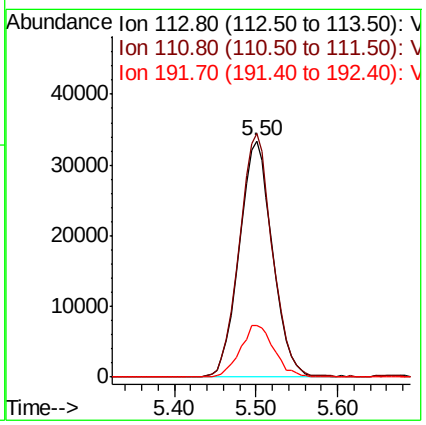


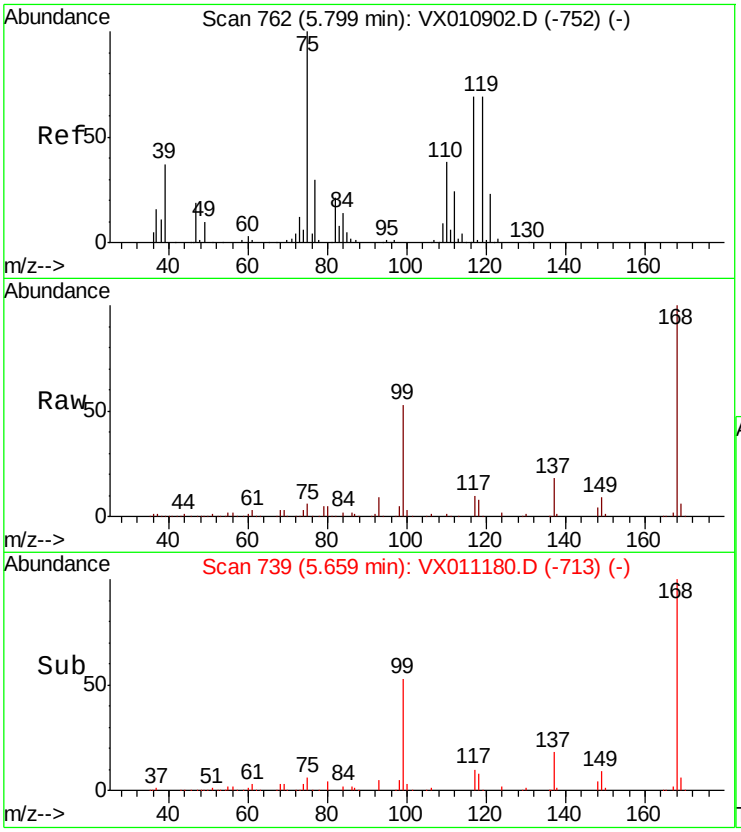


#35
Dibromofluoromethane
Concen: 49.967 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion:113 Resp: 94485

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	22.1	17.4	26.2



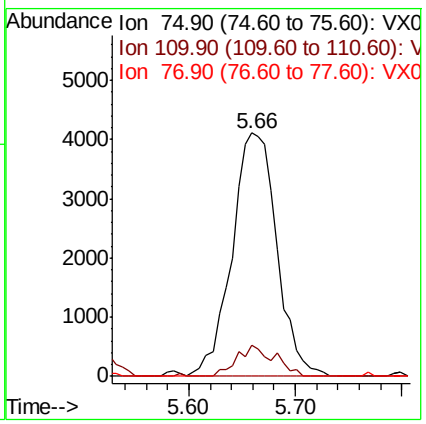


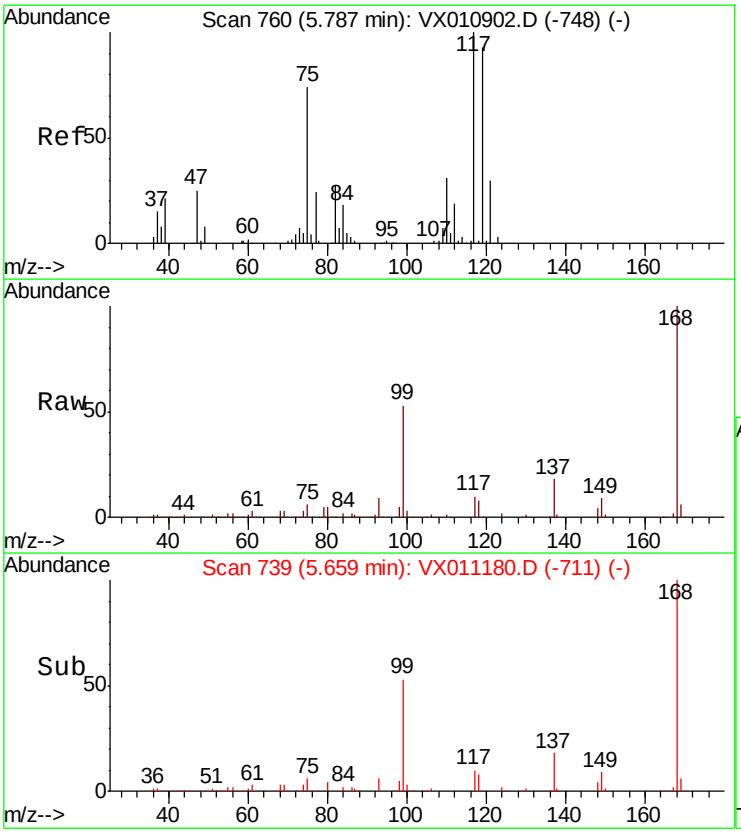
#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 75 Resp: 12122

Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.9	59.7#
77	0.0	25.0	37.4#

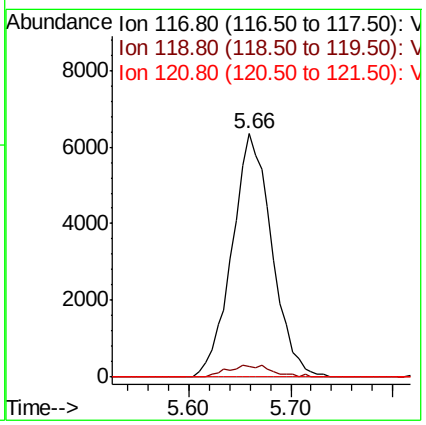


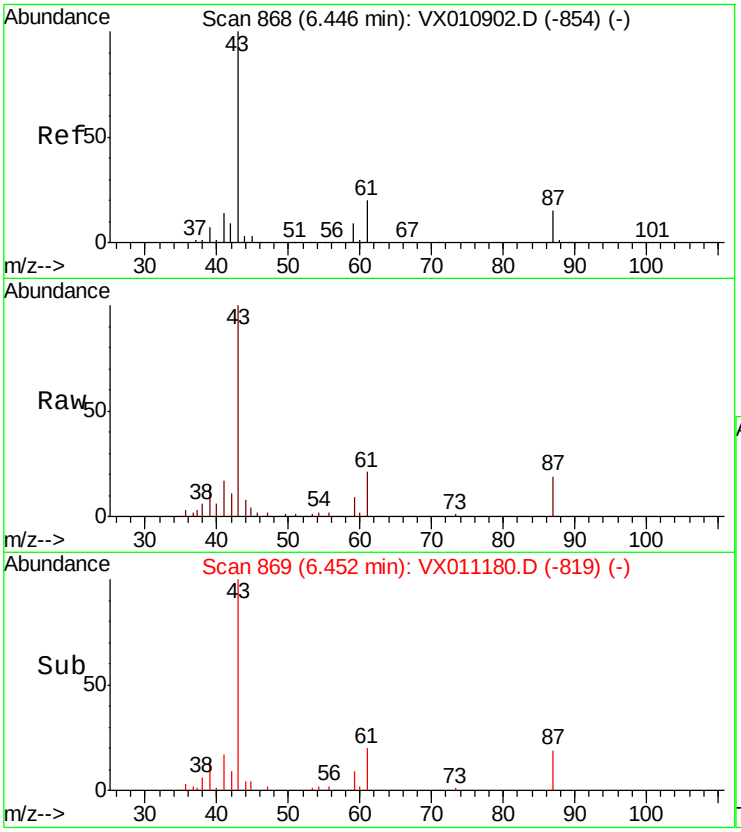


#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion:117 Resp: 17204

Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.2	111.2#
121	0.0	24.2	36.2#



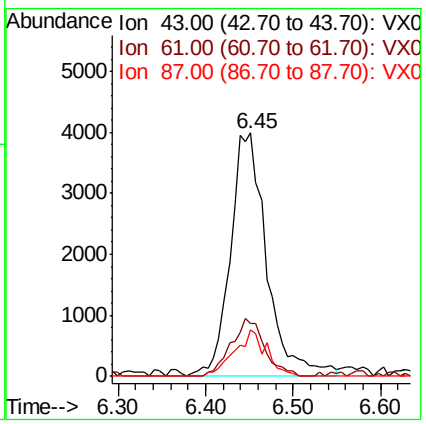


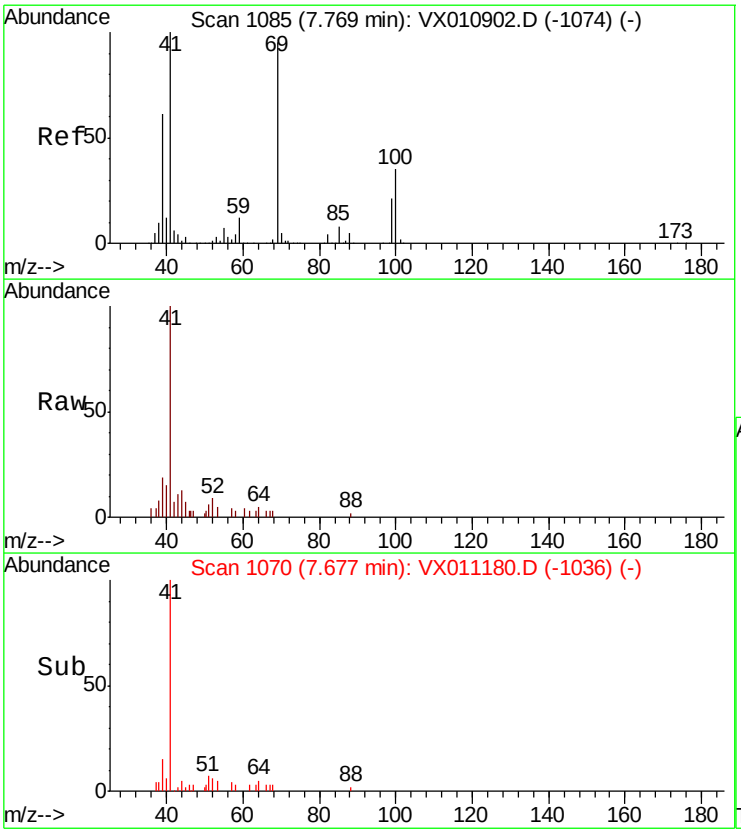
#43
Isopropyl Acetate
Concen: 2.793 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#03

Tgt Ion: 43 Resp: 11509

Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.1	25.7
87	16.9	12.0	18.0

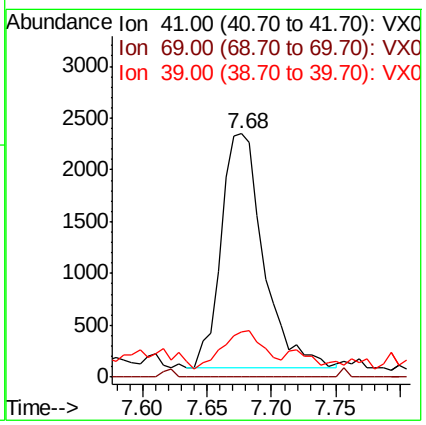


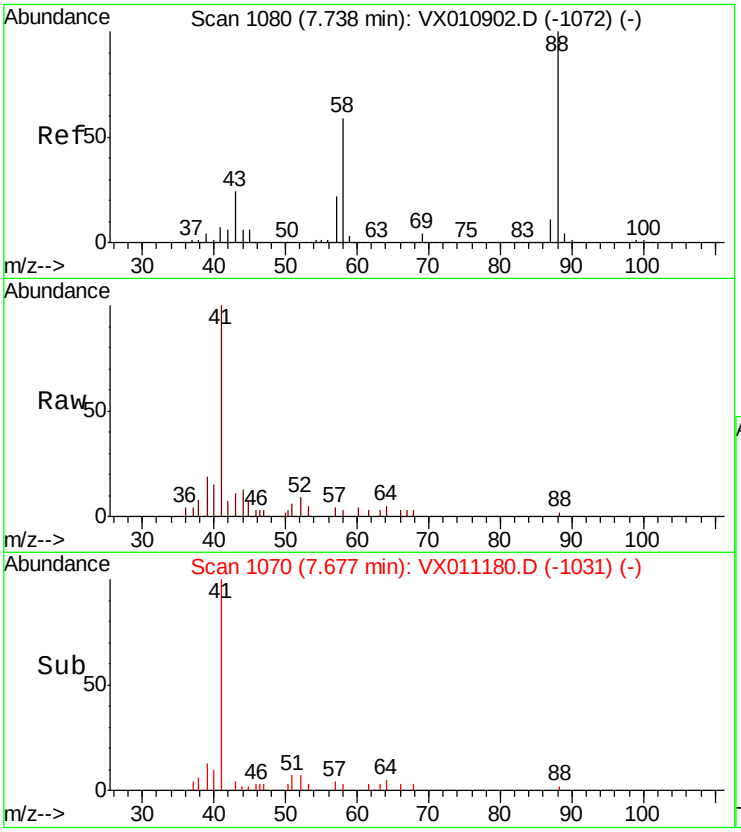


#48
Methyl methacrylate
Concen: 2.603 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 41 Resp: 5225

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#



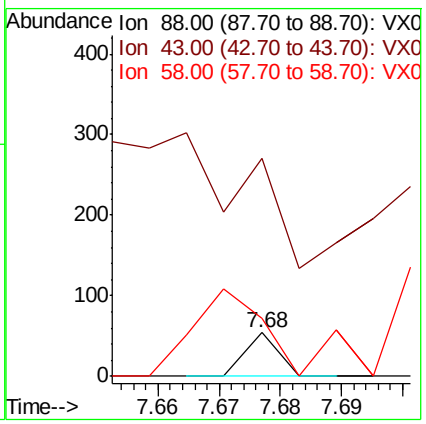


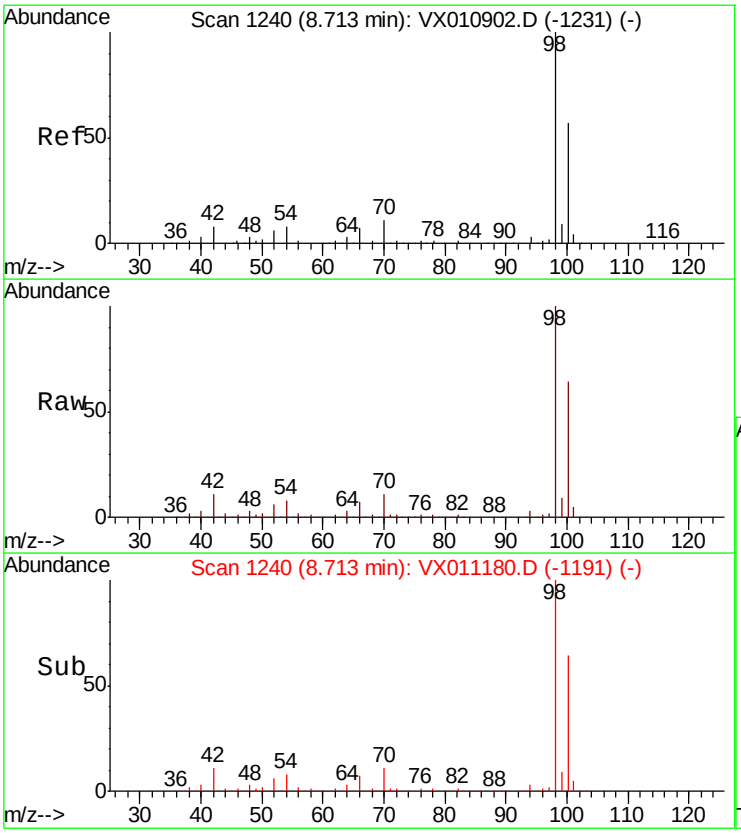
#49
1,4-Dioxane
Concen: 0.356 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.06 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	0.0	49.8	74.8#

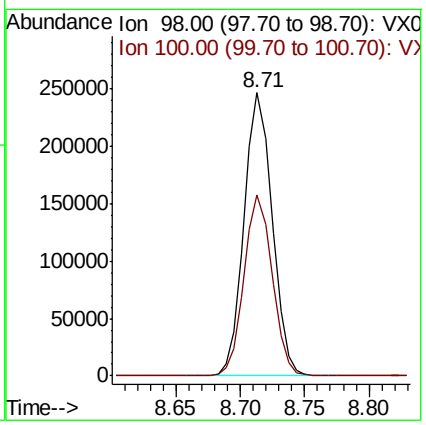


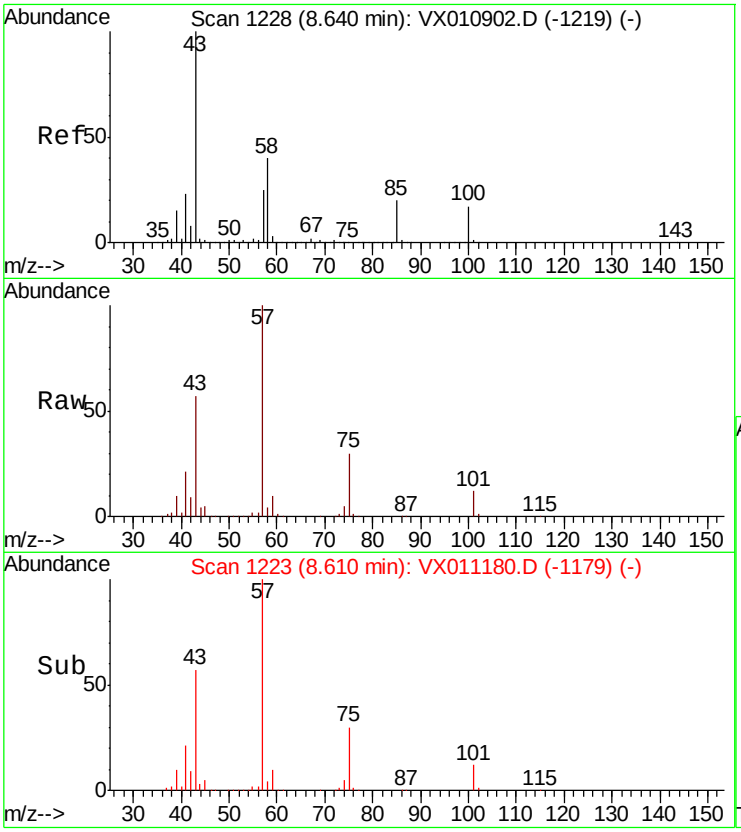


#50
Toluene-d8
Concen: 52.425 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 98 Resp: 371811

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8



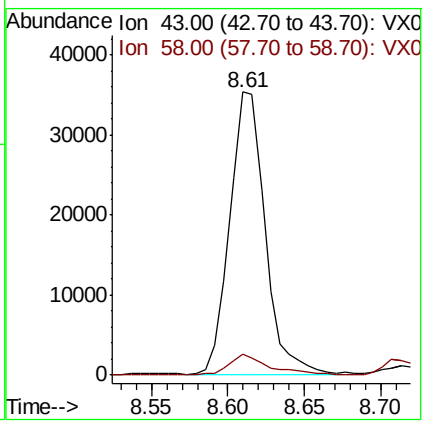


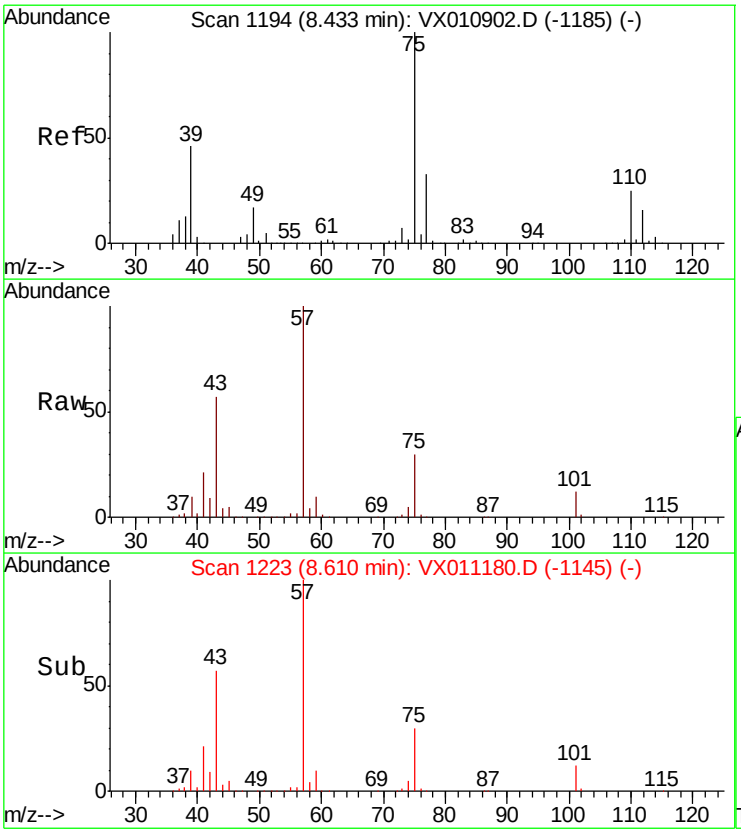
#51
4-Methyl-2-Pentanone
Concen: 21.049 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#03

Tgt Ion: 43 Resp: 56220

Ion	Ratio	Lower	Upper
43	100		
58	8.6	32.2	48.4#

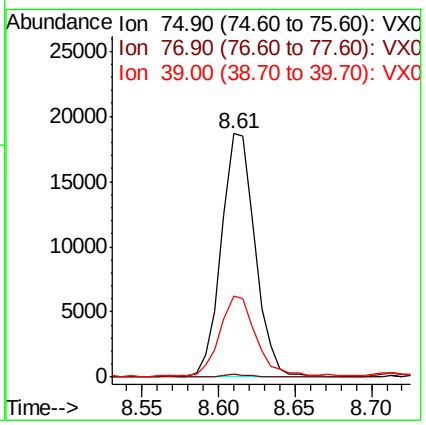


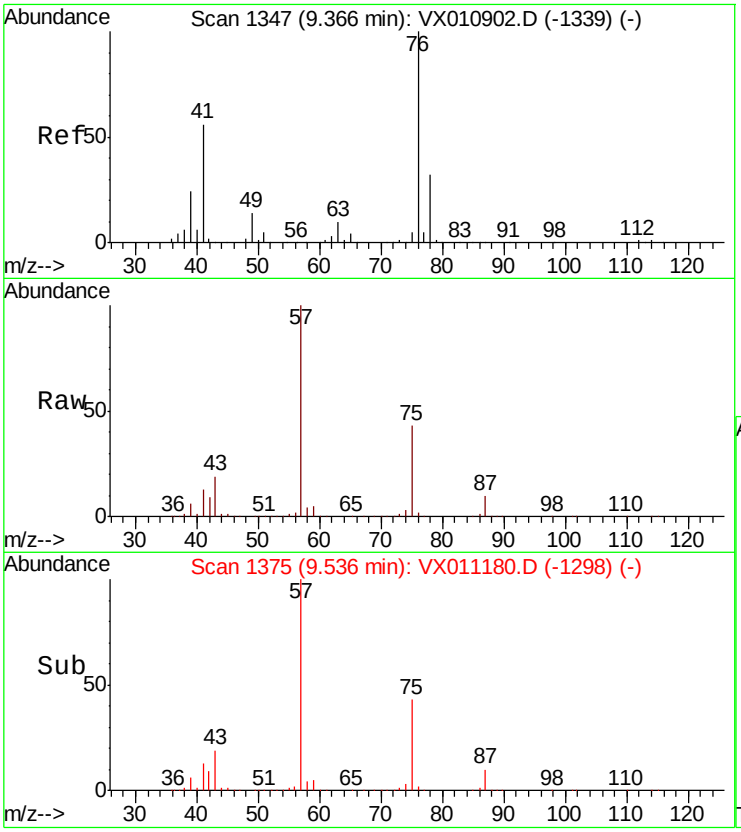


#54
cis-1,3-Dichloropropene
Concen: 9.843 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 75 Resp: 28581

Ion	Ratio	Lower	Upper
75	100		
77	1.1	26.1	39.1#
39	32.8	36.6	54.8#



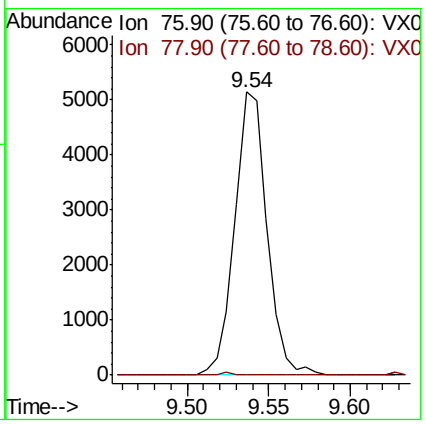


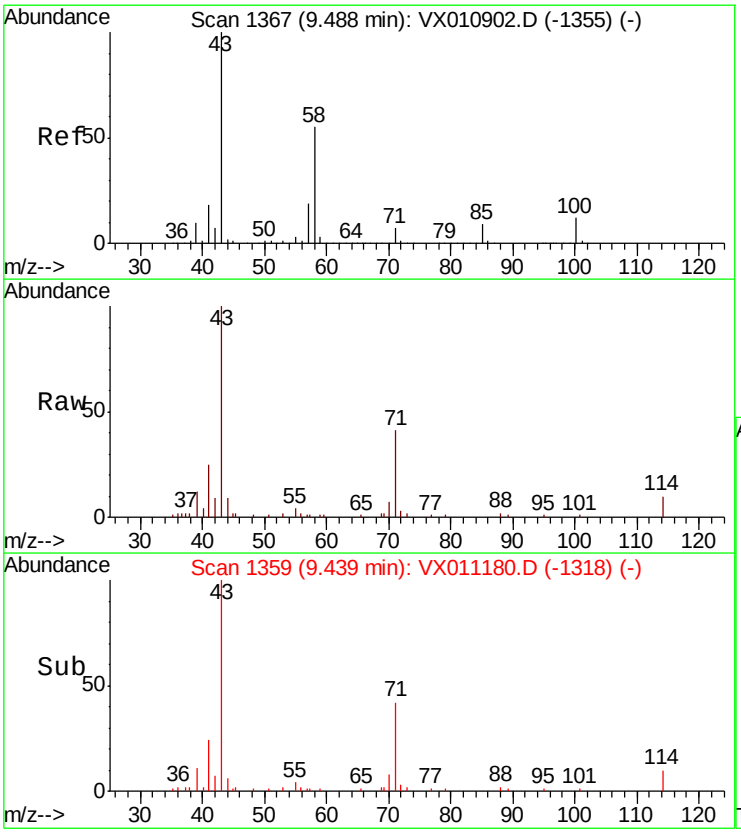
#57
1,3-Dichloropropane
Concen: 2.206 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 76 Resp: 7095

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.6	38.4#

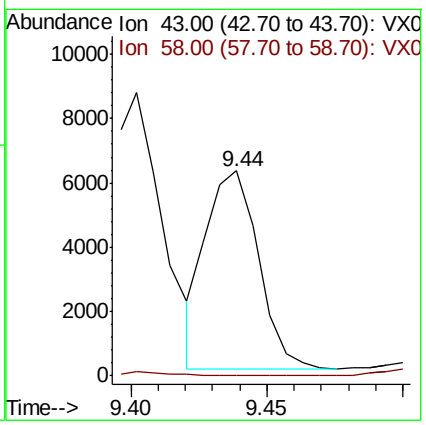


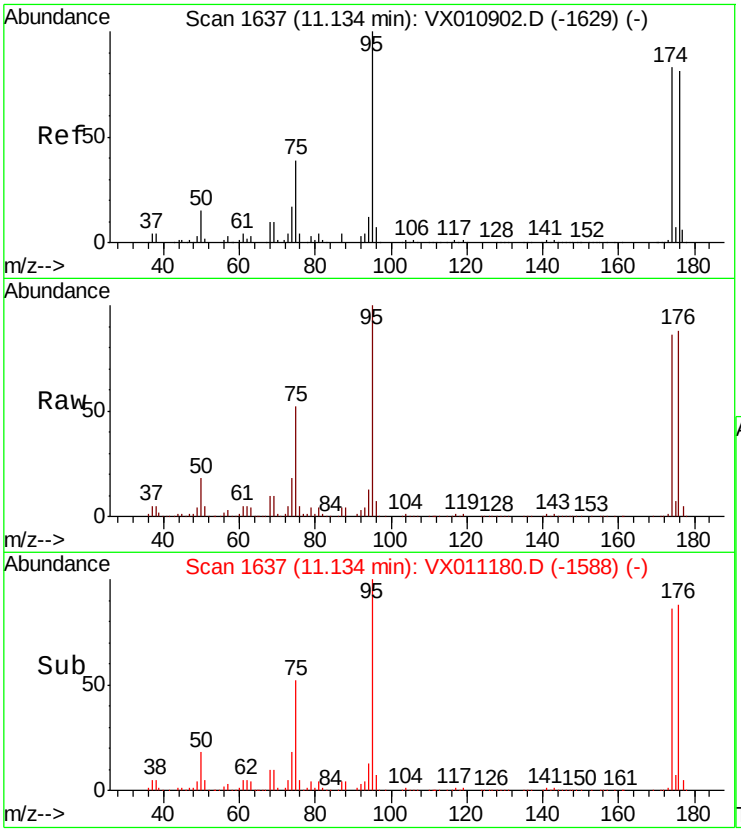


#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion: 43 Resp: 8293

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#



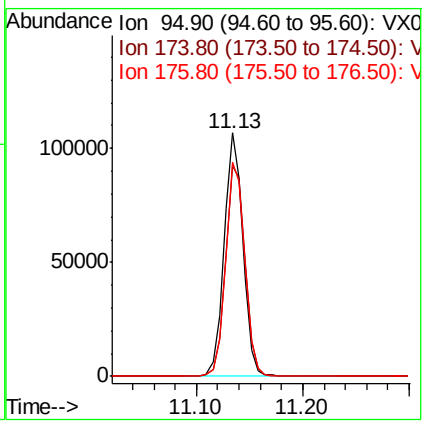


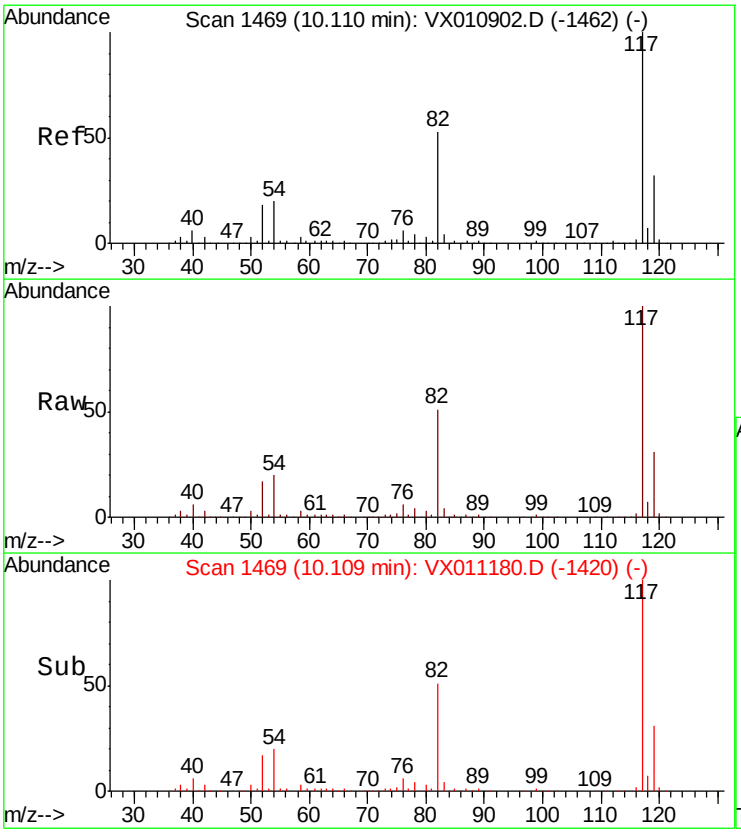
#62
4-Bromofluorobenzene
Concen: 50.474 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 95 Resp: 131581

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	180.6
176	89.4	0.0	173.8

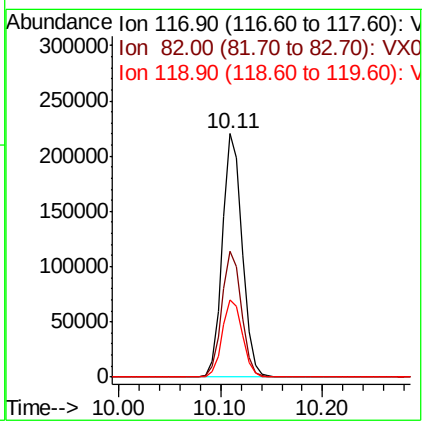


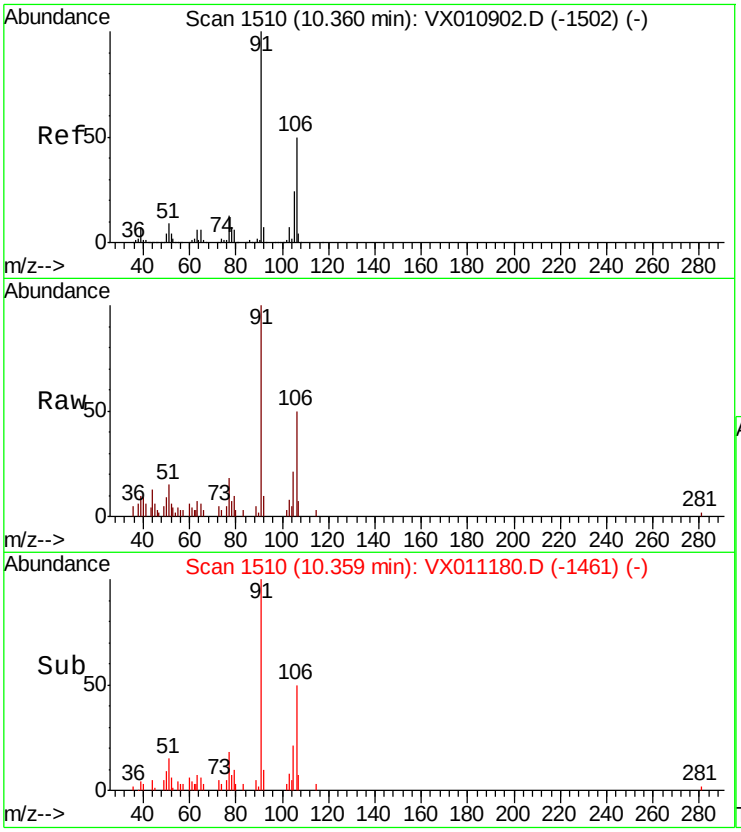


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion:117 Resp: 295355

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.6	63.8
119	31.5	25.9	38.9



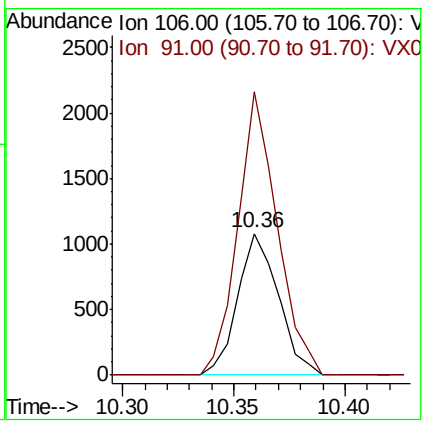


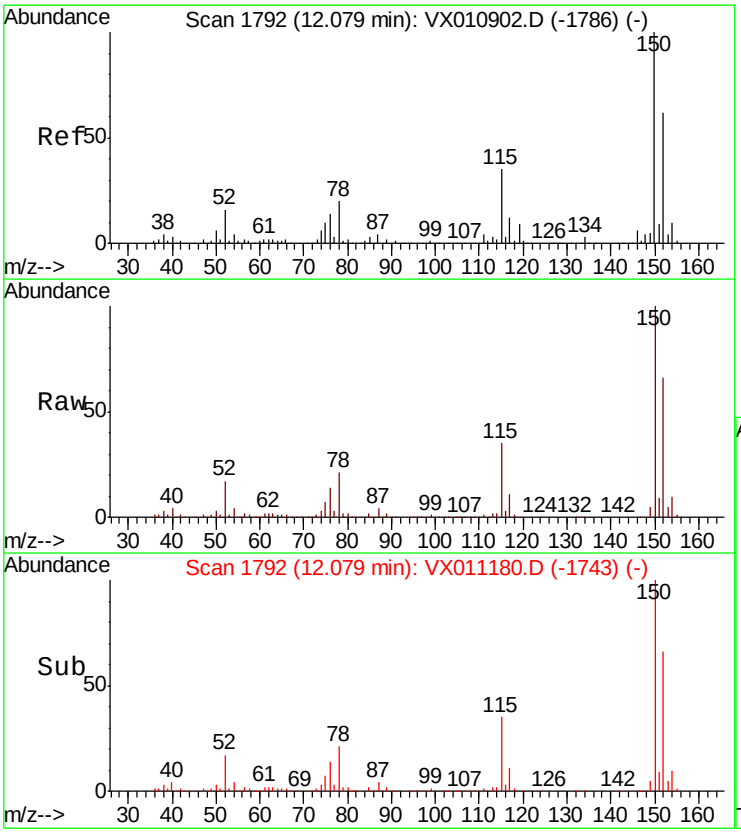
#68
m/p-Xylenes
Concen: 0.348 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion:106 Resp: 1378

Ion	Ratio	Lower	Upper
106	100		
91	193.3	160.1	240.1

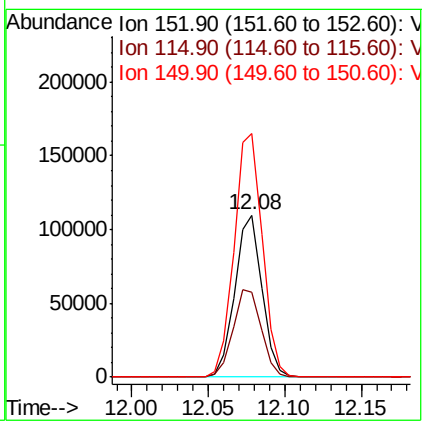


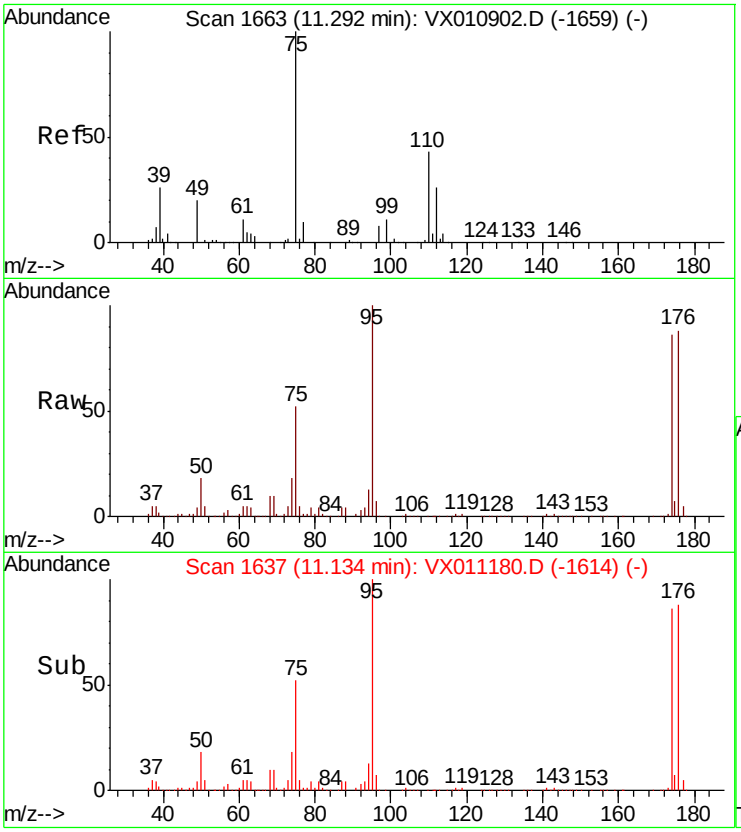


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion:152 Resp: 133916

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.7	119.1
150	157.3	0.0	345.6



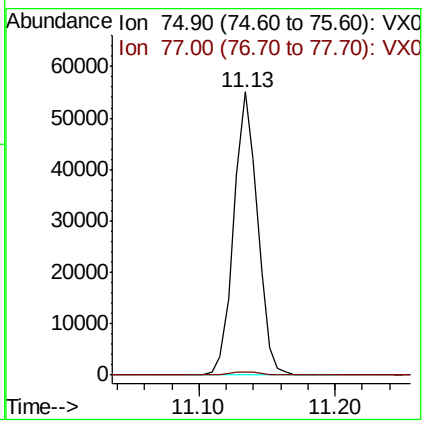


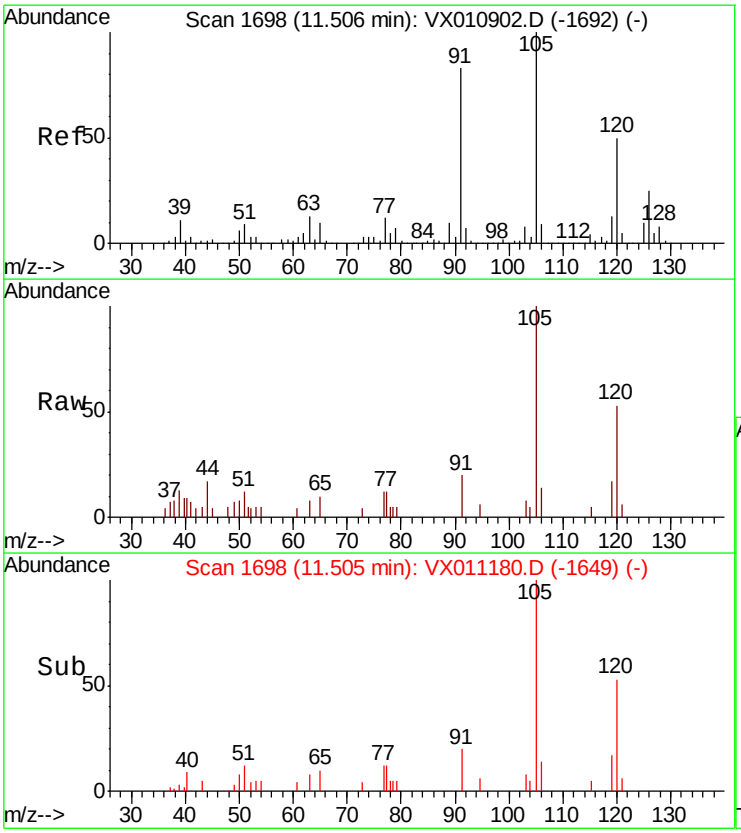
#76
1,2,3-Trichloropropane
Concen: 27.645 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 75 Resp: 66807

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.3	64.0#

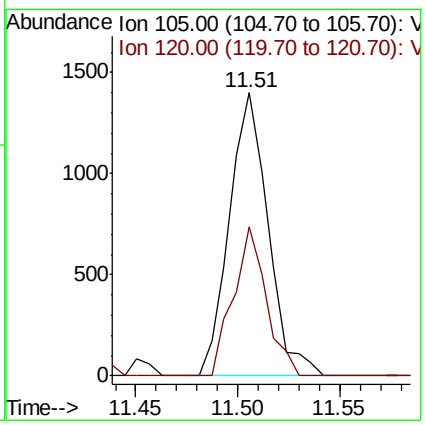


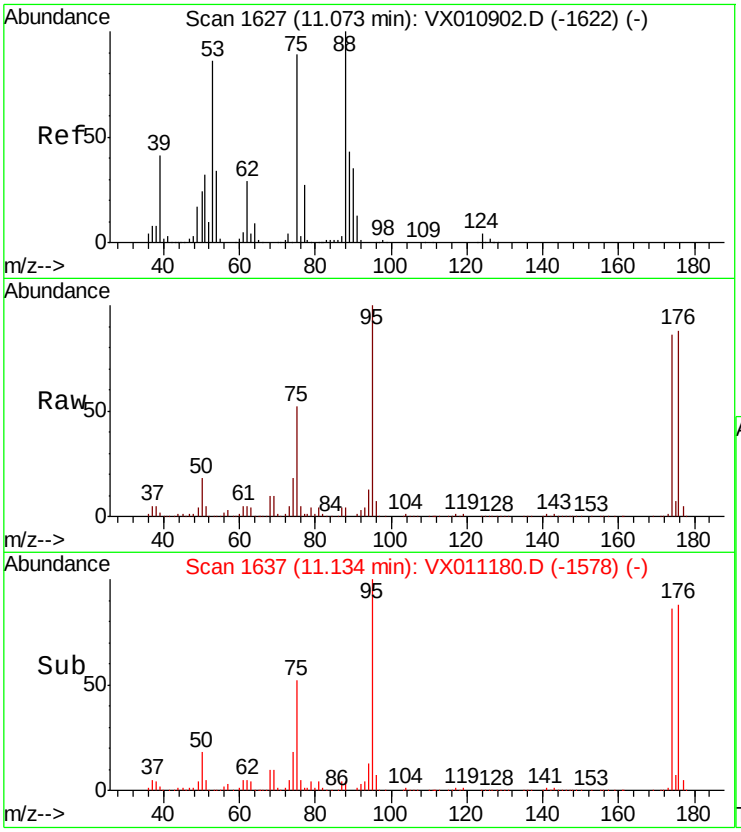


#80
1,3,5-Trimethylbenzene
Concen: 0.244 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Tgt Ion:105 Resp: 1842

Ion	Ratio	Lower	Upper
105	100		
120	44.6	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 68.446 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011180.D
Acq: 30 Jul 2019 05:50

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#03

Tgt Ion: 75 Resp: 66807

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	38.5	57.7#