Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011179.D
Acq On : 30 Jul 2019 05:27
Operator : JC/SP
Sample : PB121753ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Quant Time: Jul 30 08:08:56 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	5.66	168	184285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104028	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.12%			
35) Dibromofluoromethane	5.50	113	95112	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
50) Toluene-d8	8.71	98	376096	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	11.13	95	129590	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	20	0.556	ug/l #	43
6) Chloroethane	1.64	64	244	0.222	ug/l #	80
8) Diethyl Ether	2.19	74	642	0.637	ug/l	84
11) Tert butyl alcohol	3.04	59	747	1.636	ug/l #	92
13) Acrolein	2.29	56	125	0.474	ug/l #	15
14) Allyl chloride	2.85	41	6040	2.533	ug/l #	24
16) Acetone	2.44	43	495883	560.027	ug/l	98
18) Methyl Acetate	2.78	43	1341	0.665	ug/l #	83
20) Methylene Chloride	2.86	84	155165	82.689	ug/l	99
25) 2-Butanone	4.68	43	2753	2.166	ug/l #	73
36) 1,1-Dichloropropene	5.66	75	12166	4.921	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17752	6.891	ug/l #	17
43) Isopropyl Acetate	6.45	43	11583	2.783	ug/l	96
48) Methyl methacrylate	7.68	41	5421	2.673	ug/l #	10
49) 1,4-Dioxane	7.87	88	245	4.319	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	57590	21.343	ug/l #	49
54) cis-1,3-Dichloropropene	8.61	75	28558	9.736	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	7073	2.177	ug/l #	43
59) 2-Hexanone	9.44	43	7990	3.818	ug/l #	23
60) Dibromochloromethane	9.33	129	20	2.536	ug/l #	11
68) m/p-Xylenes	10.36	106	1654	0.421	ug/l	76
76) 1,2,3-Trichloropropane	11.13	75	65816	27.617	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1785	0.239	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	65816	68.381	ug/l #	11

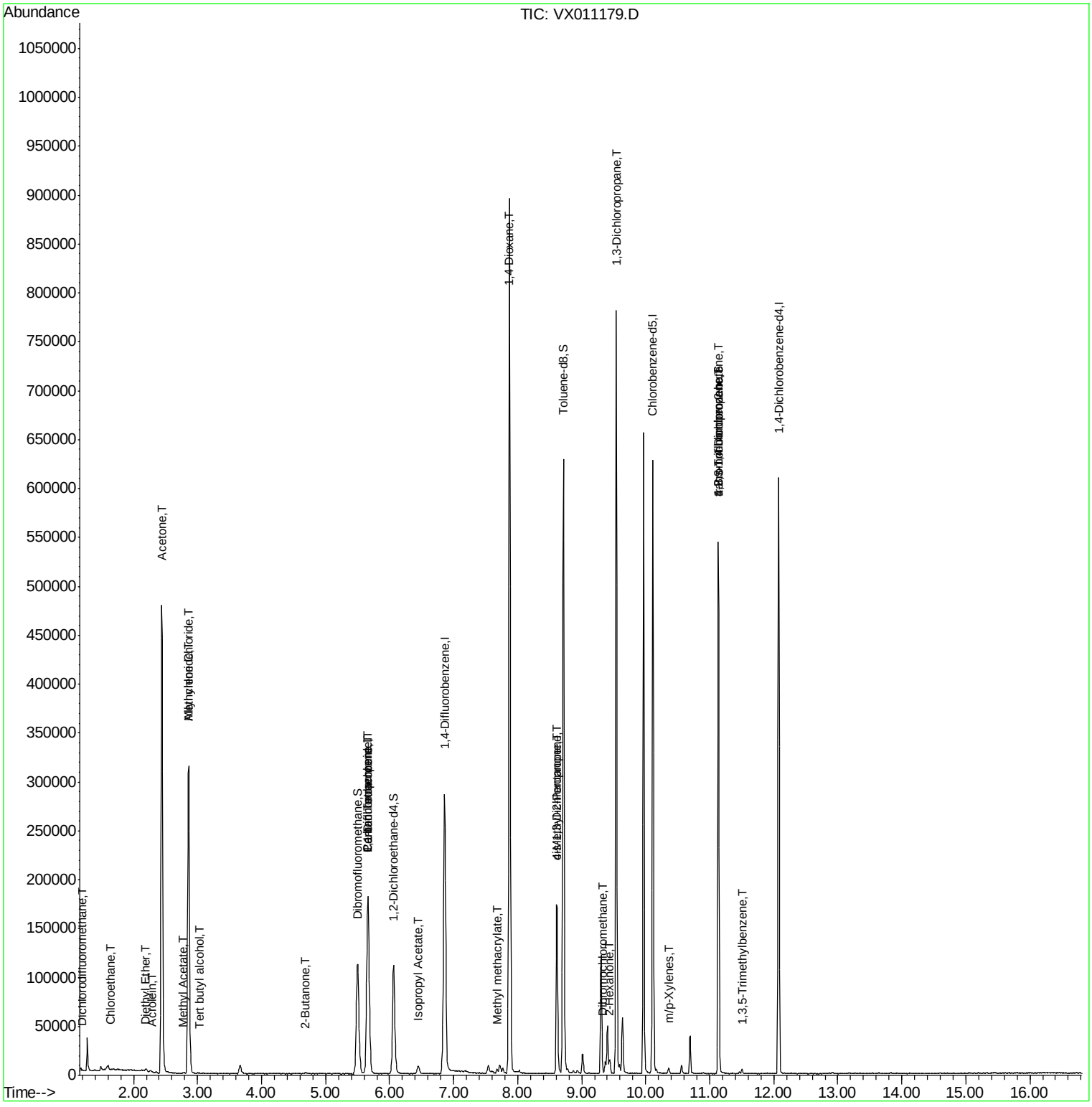
(#) = qualifier out of range (m) = manual integration (+) = signals summed

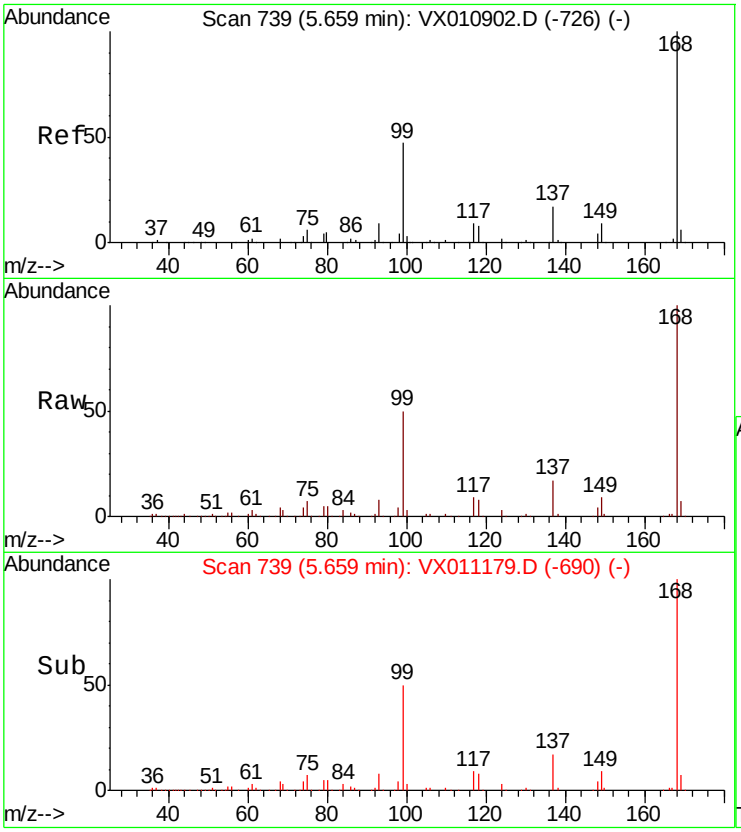
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011179.D
Acq On : 30 Jul 2019 05:27
Operator : JC/SP
Sample : PB121753ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Quant Time: Jul 30 08:08:56 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



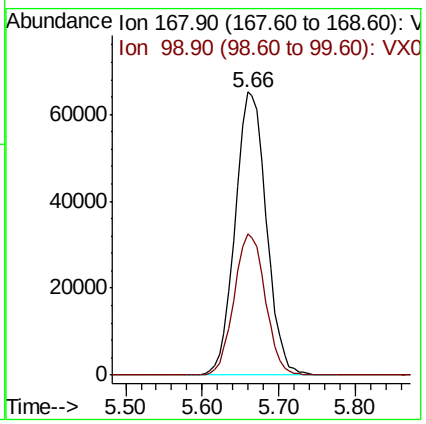


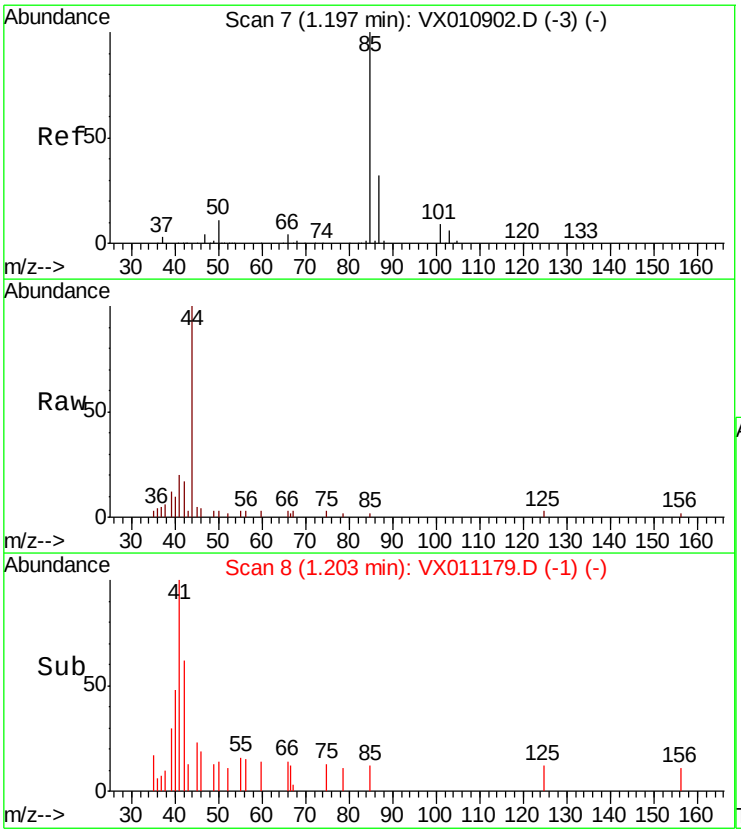
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion:168 Resp: 184285

Ion	Ratio	Lower	Upper
168	100		
99	49.8	37.6	56.4

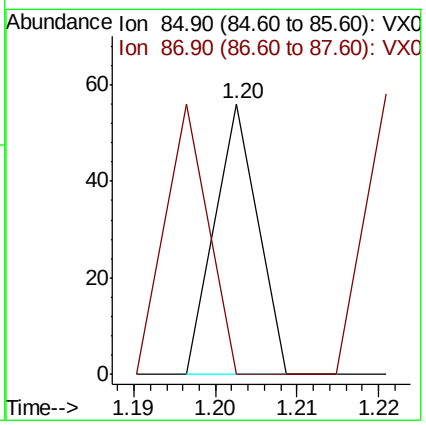


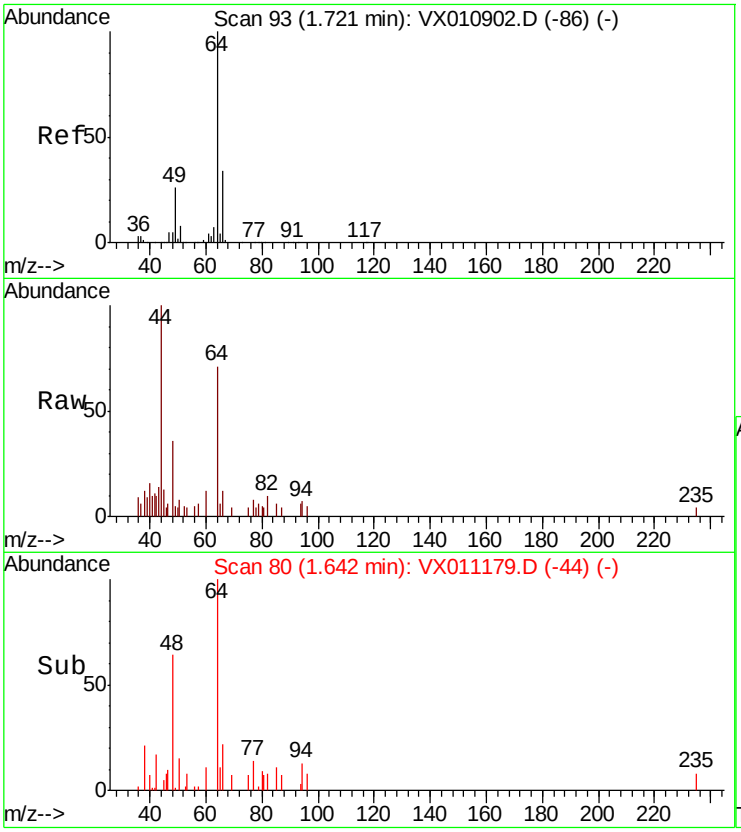


#2
Dichlorodifluoromethane
Concen: 0.556 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 85 Resp: 20

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



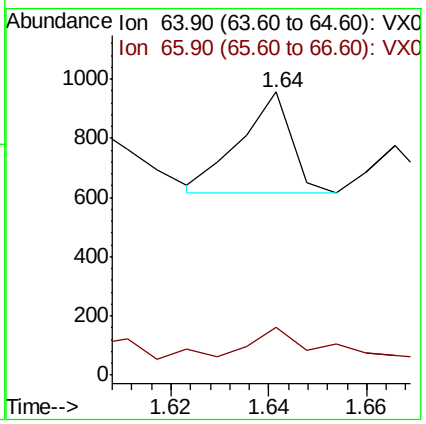


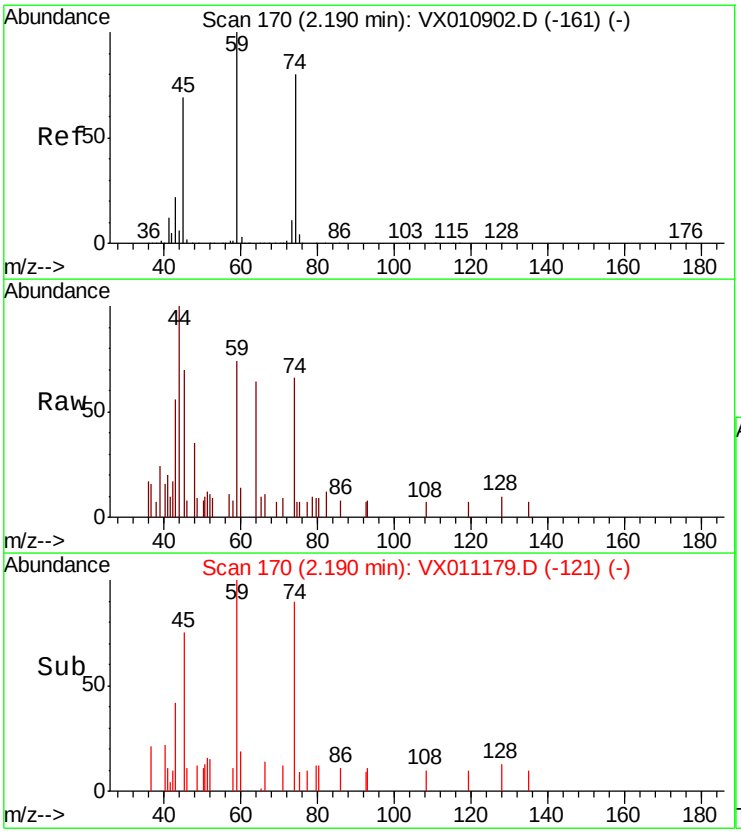
#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.08 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 64 Resp: 244

Ion	Ratio	Lower	Upper
64	100		
66	22.1	27.0	40.6#

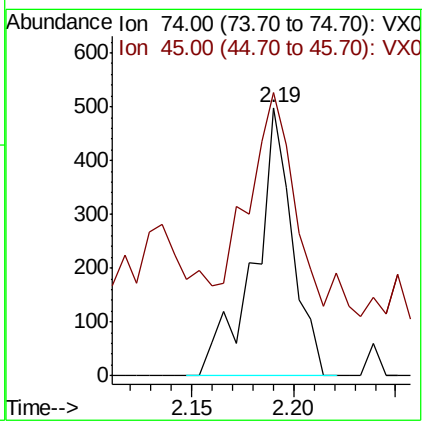


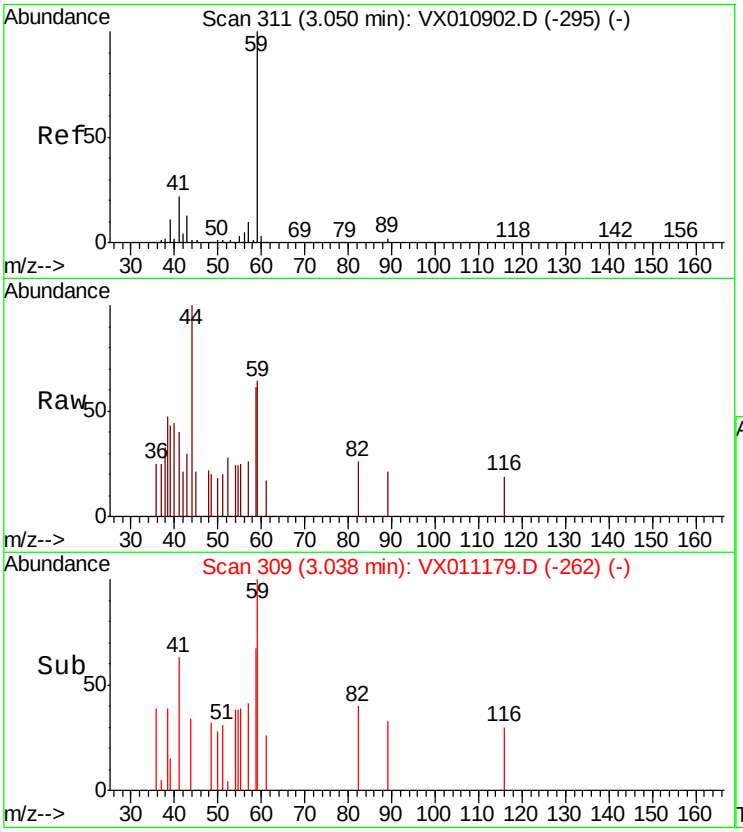


#8
Diethyl Ether
Concen: 0.637 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 74 Resp: 642

Ion	Ratio	Lower	Upper
74	100		
45	106.2	45.5	136.5



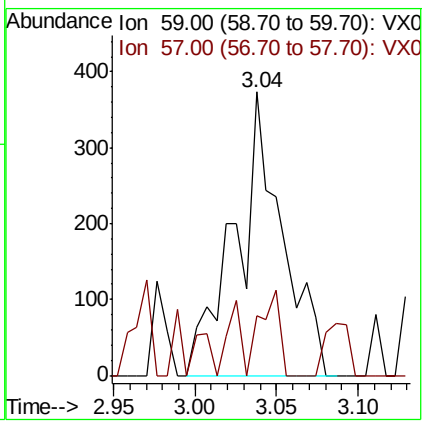


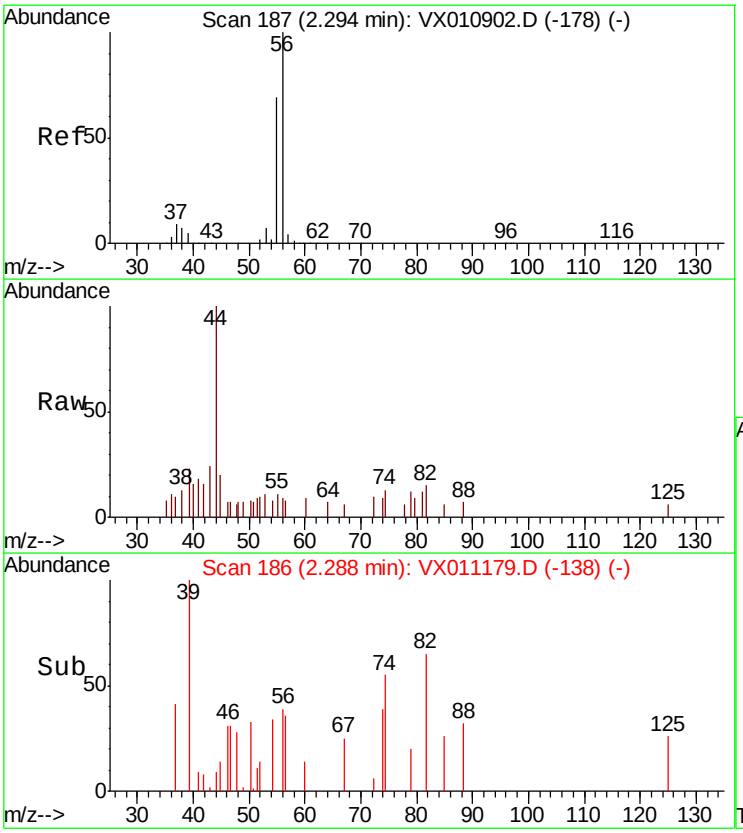
#11
Tert butyl alcohol
Concen: 1.636 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 59 Resp: 747

Ion	Ratio	Lower	Upper
59	100		
57	12.9	7.9	11.9#

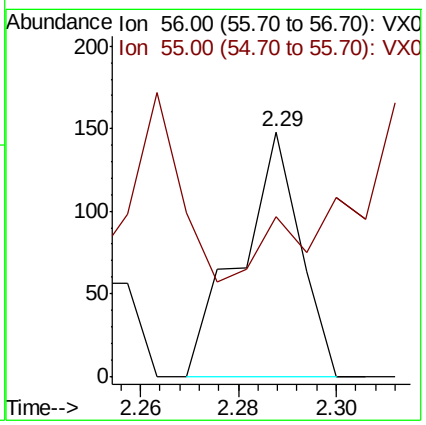


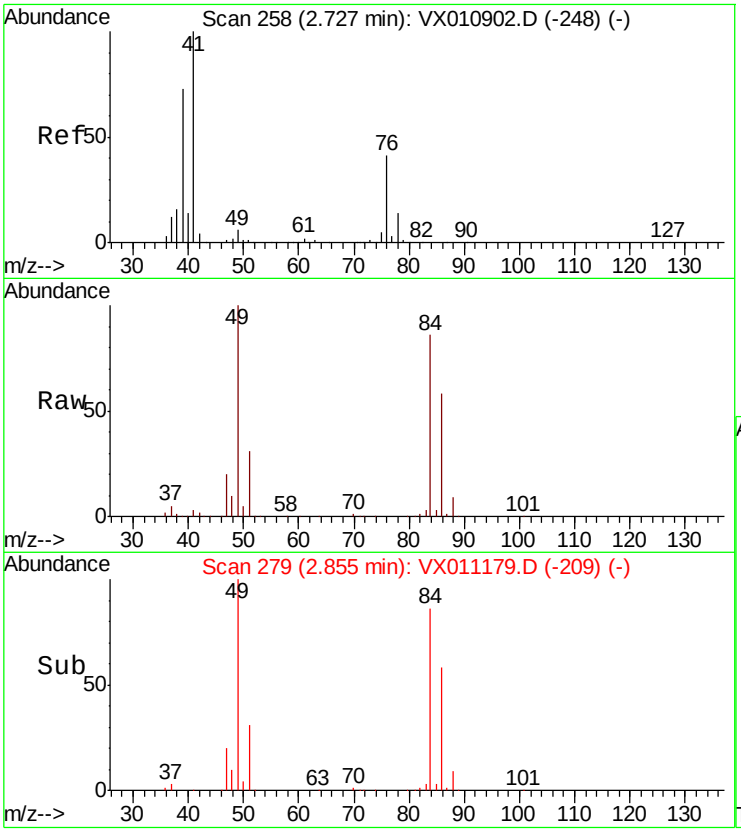


#13
Acrolein
Concen: 0.474 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#



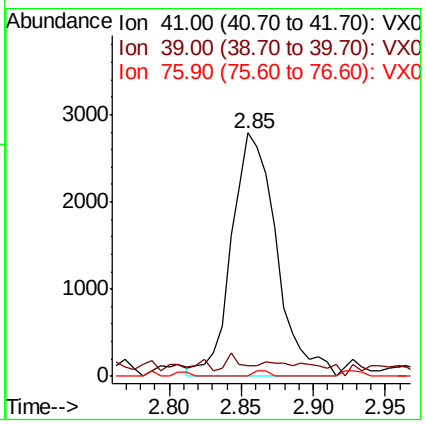


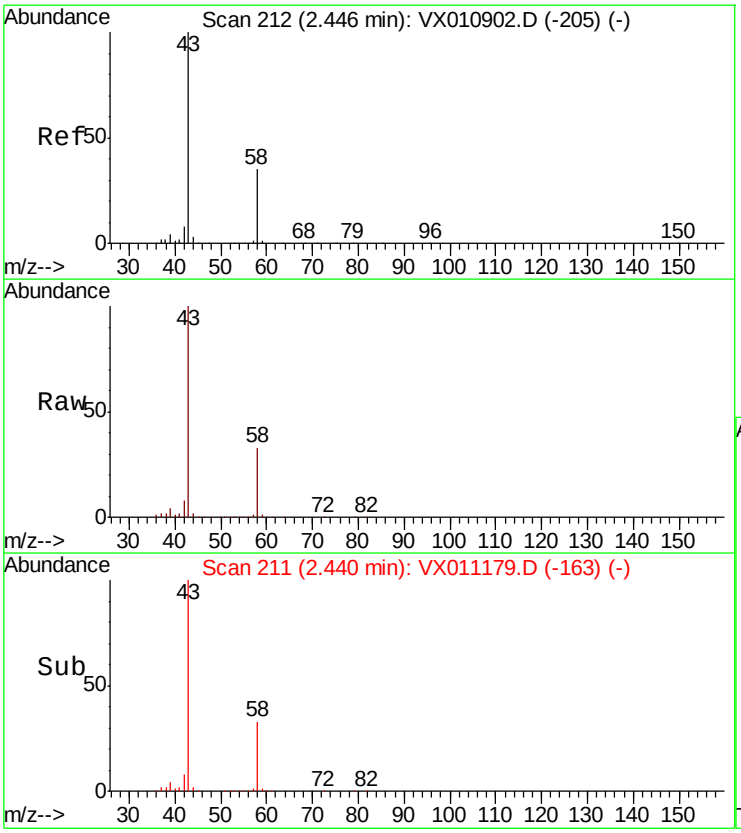
#14
Allyl chloride
Concen: 2.533 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion: 41 Resp: 6040

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
76	0.7	29.7	44.5#

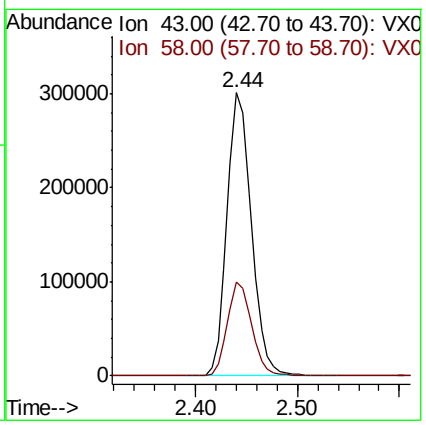


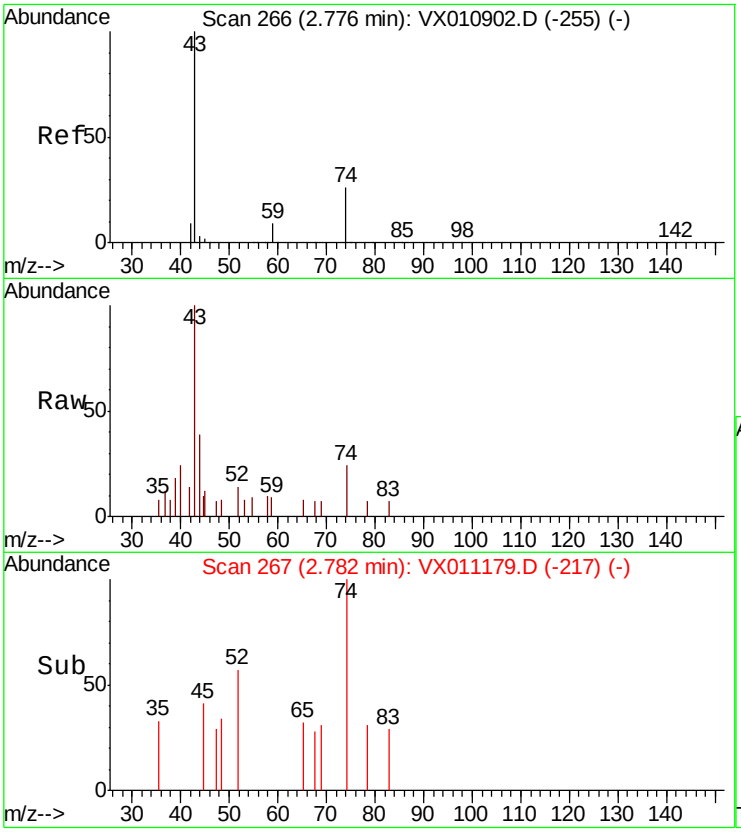


#16
Acetone
Concen: 560.027 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 43 Resp: 495883

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.7	41.5



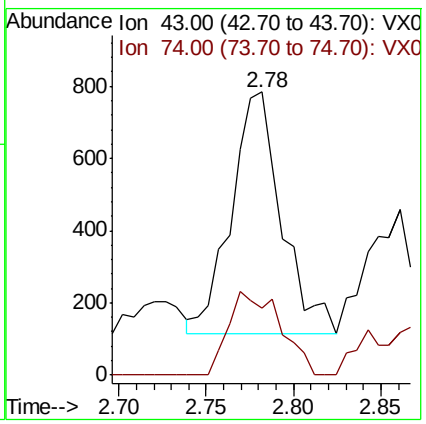


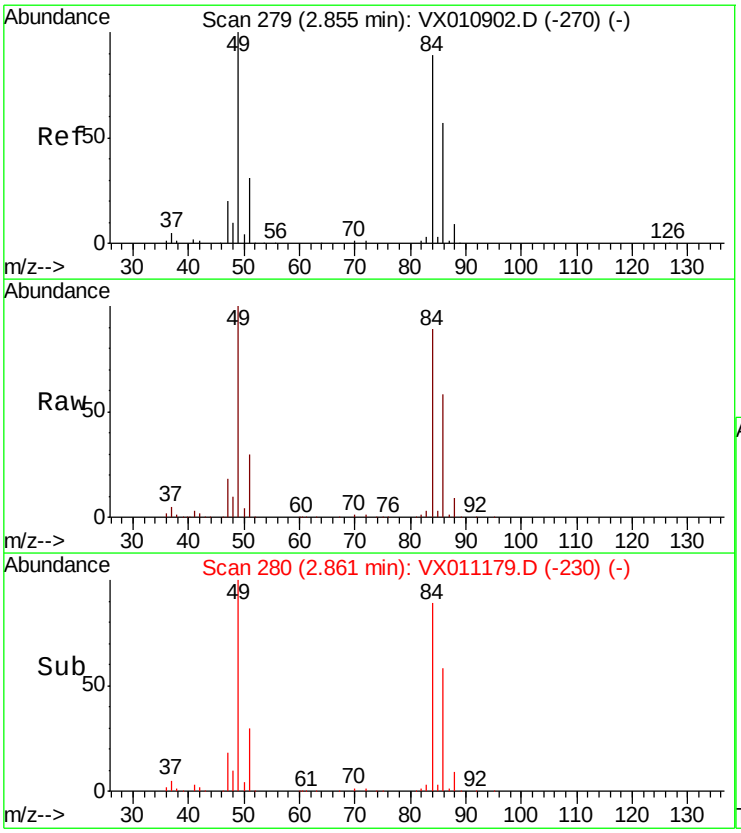
#18
Methyl Acetate
Concen: 0.665 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion: 43 Resp: 1341

Ion	Ratio	Lower	Upper
43	100		
74	35.7	21.5	32.3#

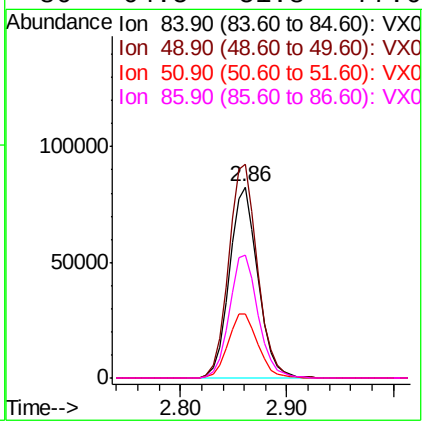


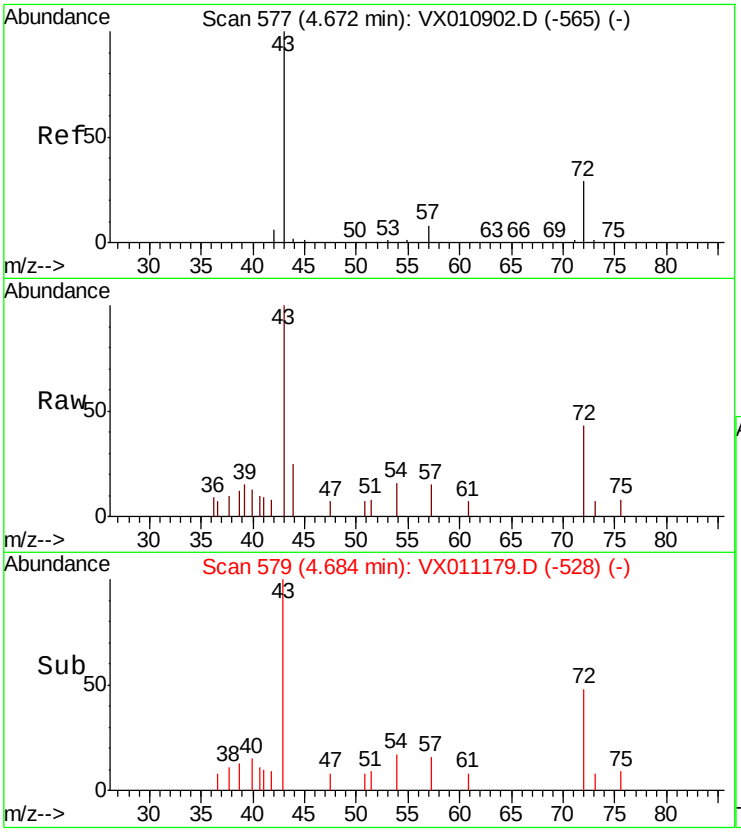


#20
Methylene Chloride
Concen: 82.689 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 84 Resp: 155165

Ion	Ratio	Lower	Upper
84	100		
49	111.9	89.9	134.9
51	33.2	27.8	41.6
86	64.5	51.8	77.6



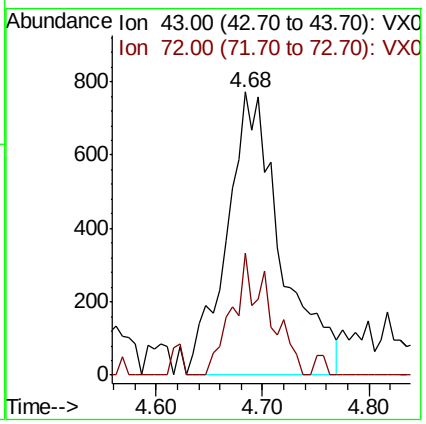


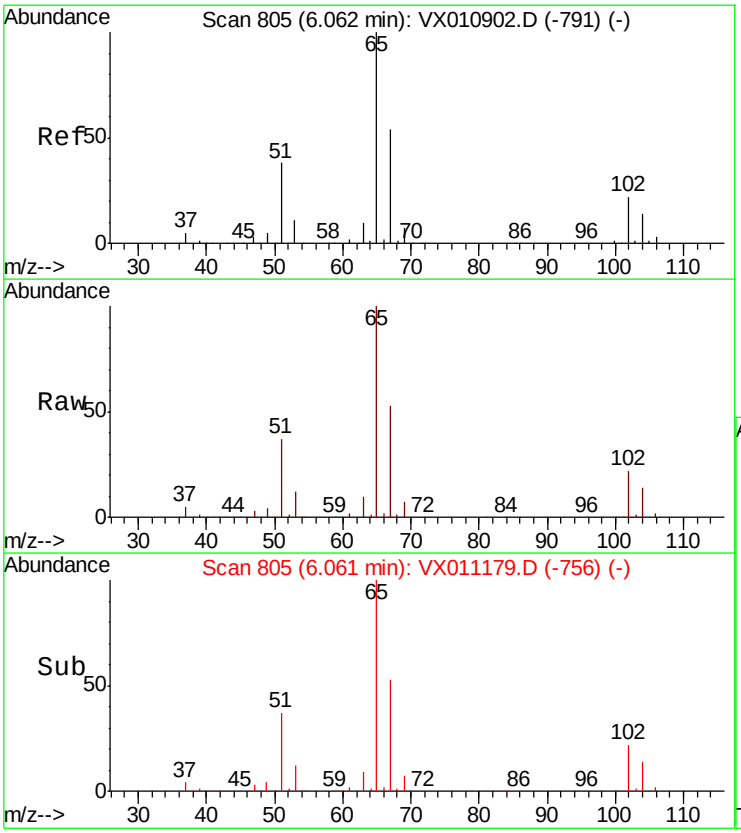
#25
2-Butanone
Concen: 2.166 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 43 Resp: 2753

Ion	Ratio	Lower	Upper
43	100		
72	43.3	23.0	34.6#

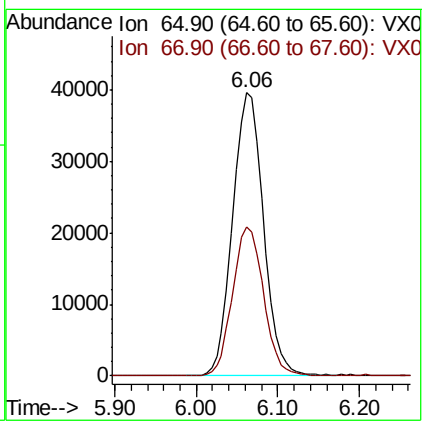


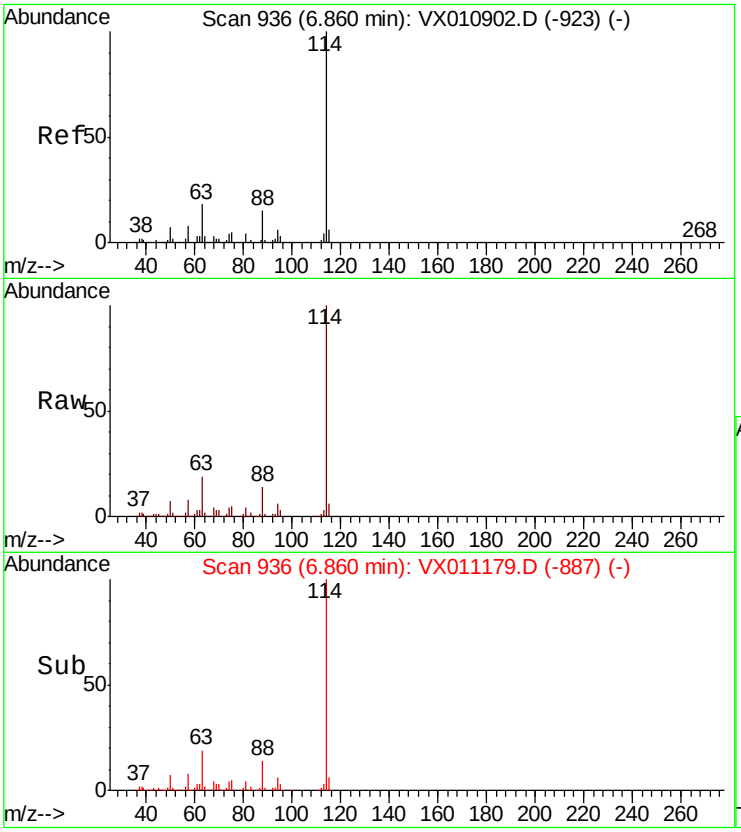


#33
1,2-Dichloroethane-d4
Concen: 53.062 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 65 Resp: 104028

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8



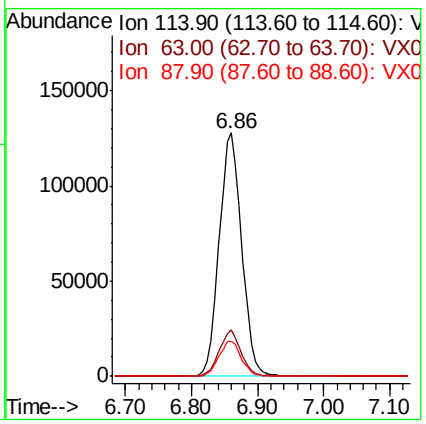


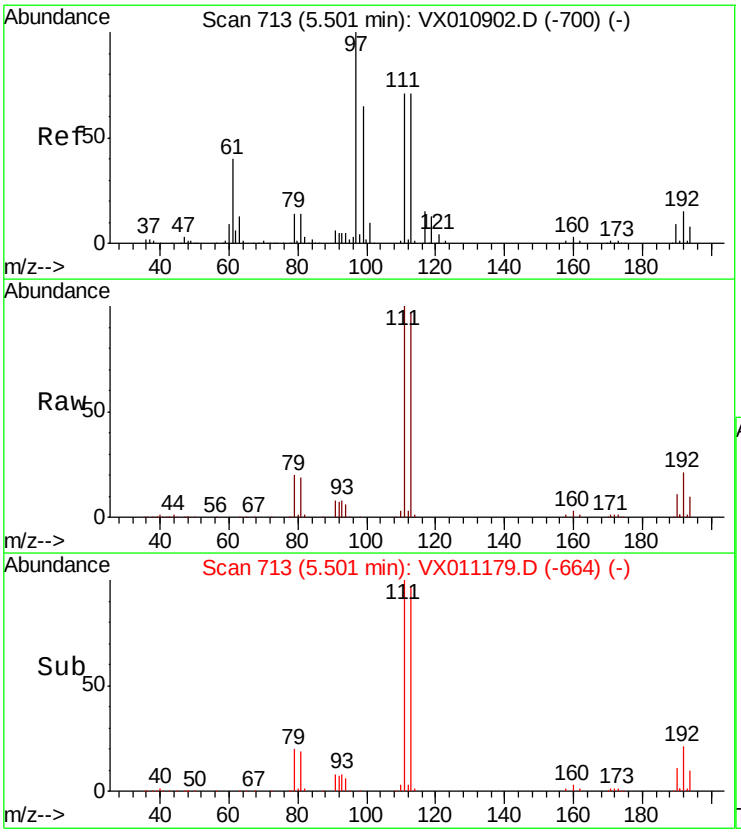
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion:114 Resp: 300968

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.6
88	14.5	0.0	29.8

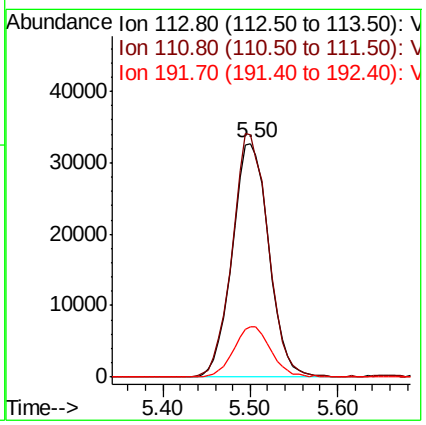


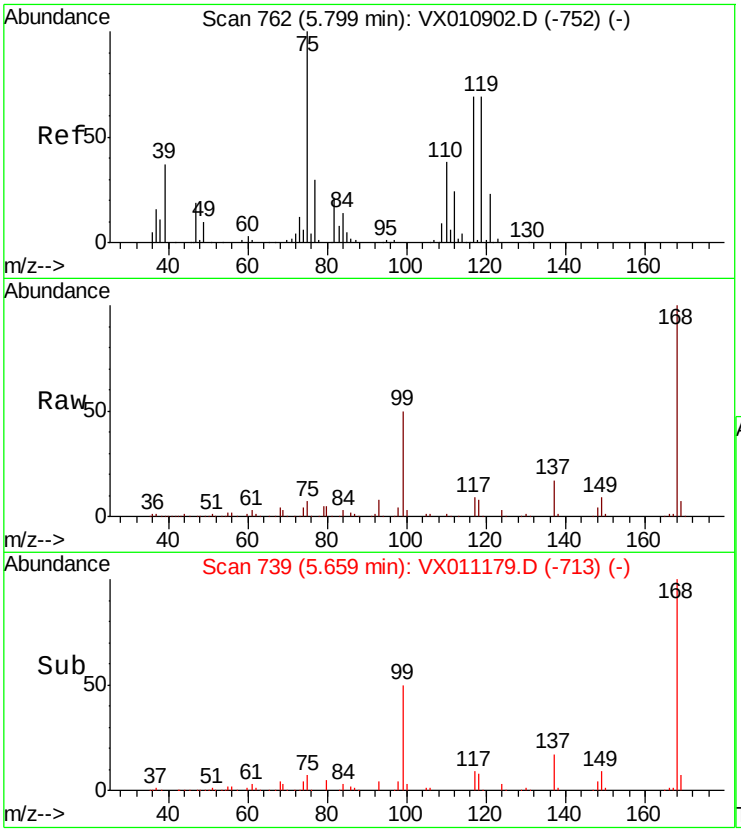


#35
Dibromofluoromethane
Concen: 49.789 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion:113 Resp: 95112

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	21.8	17.4	26.2



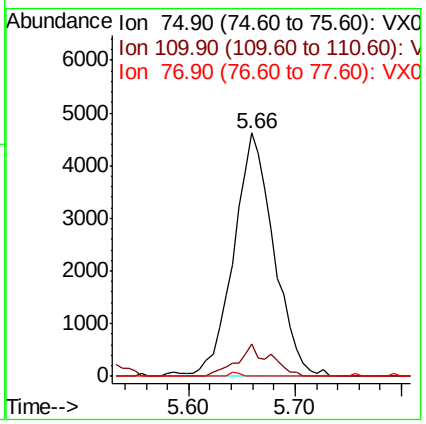


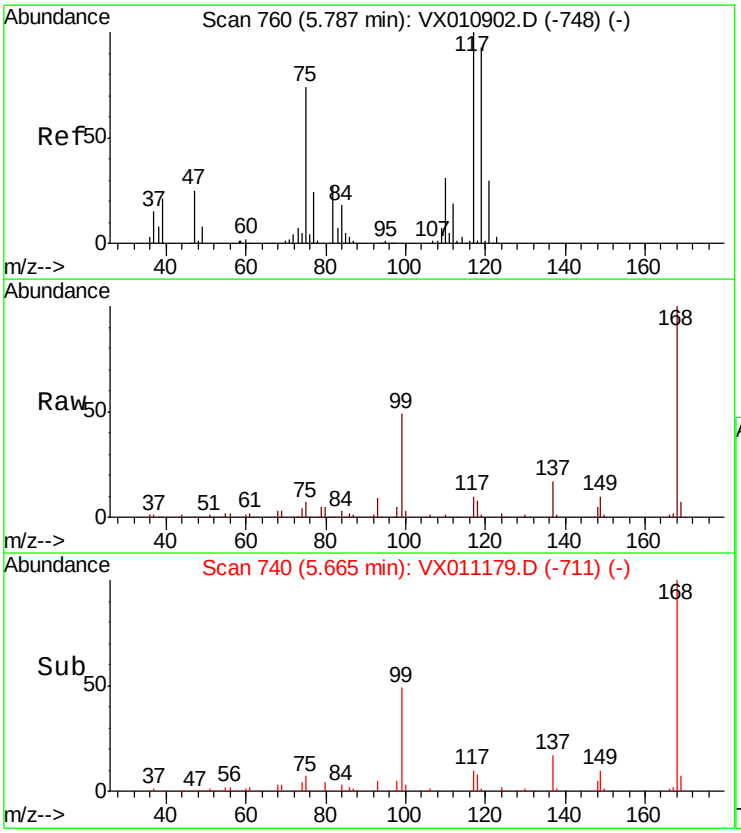
#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 75 Resp: 12166

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.9	59.7#
77	0.4	25.0	37.4#

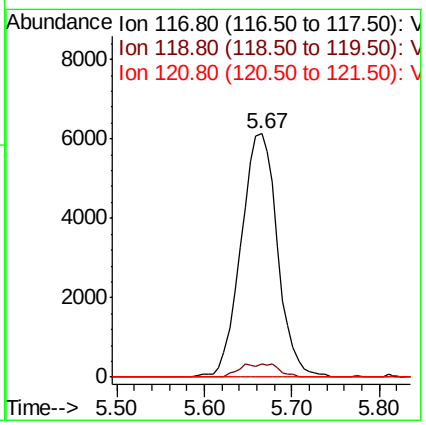


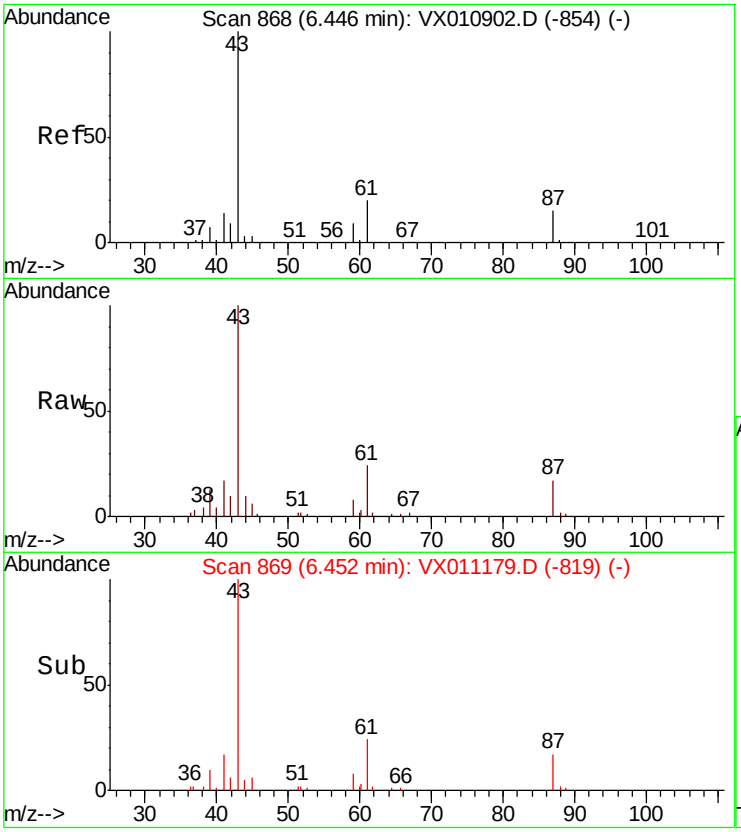


#38
Carbon Tetrachloride
Concen: 6.891 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion:117 Resp: 17752

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.2	111.2#
121	0.0	24.2	36.2#



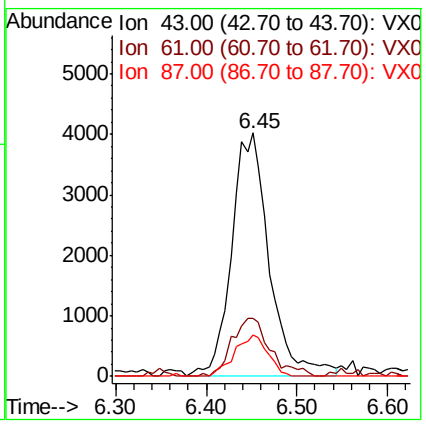


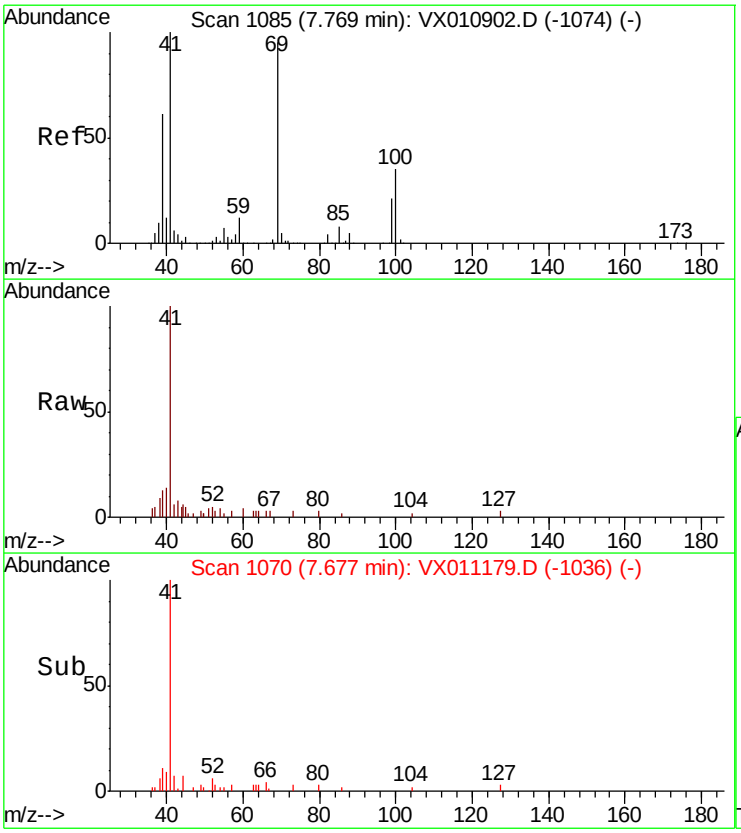
#43
Isopropyl Acetate
Concen: 2.783 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion: 43 Resp: 11583

Ion	Ratio	Lower	Upper
43	100		
61	24.3	17.1	25.7
87	15.1	12.0	18.0

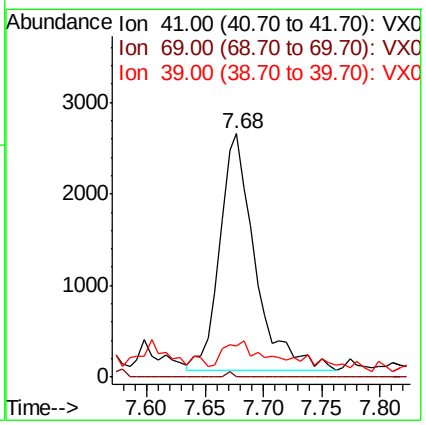


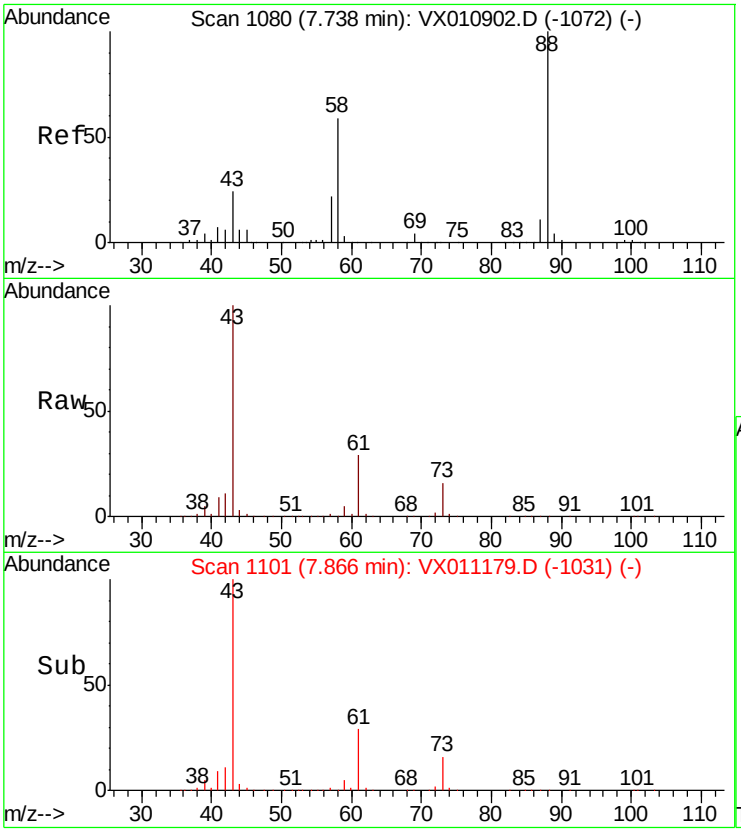


#48
Methyl methacrylate
Concen: 2.673 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 41 Resp: 5421

Ion	Ratio	Lower	Upper
41	100		
69	0.4	74.4	111.6#
39	0.0	48.9	73.3#



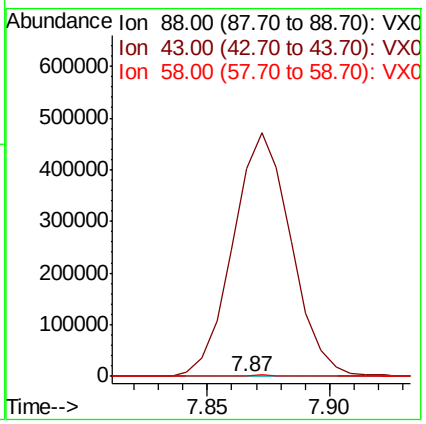


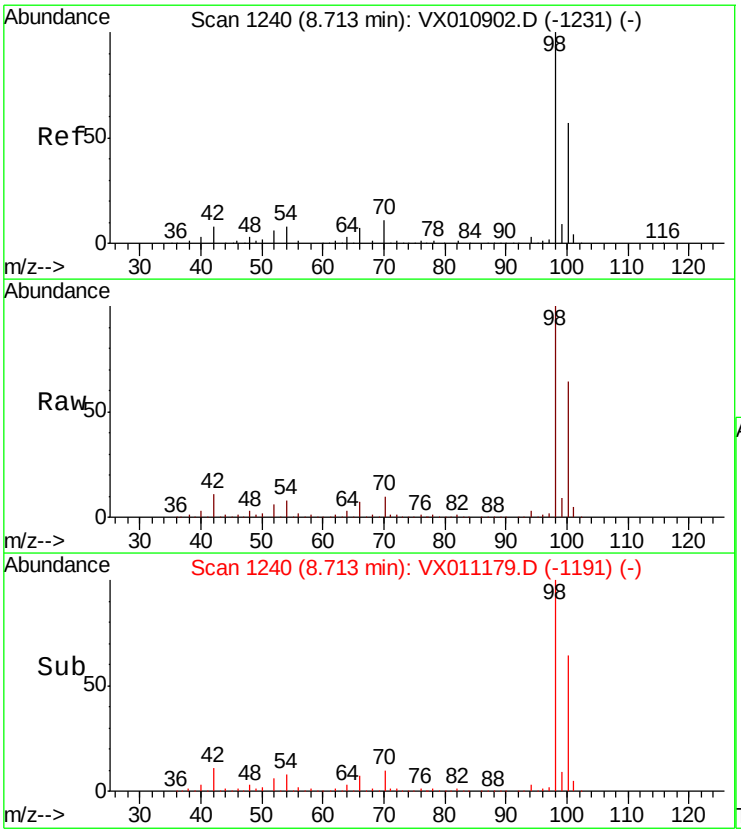
#49
1,4-Dioxane
Concen: 4.319 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion: 88 Resp: 245

Ion	Ratio	Lower	Upper
88	100		
43	320029.4	22.9	34.3#
58	1604.1	49.8	74.8#

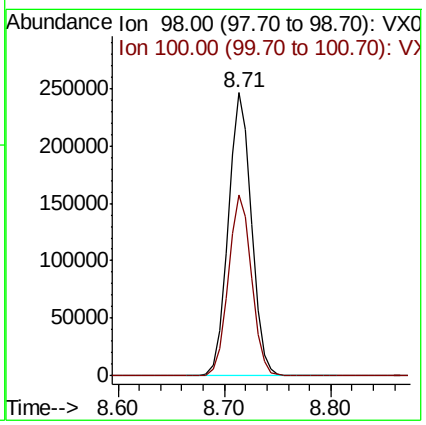


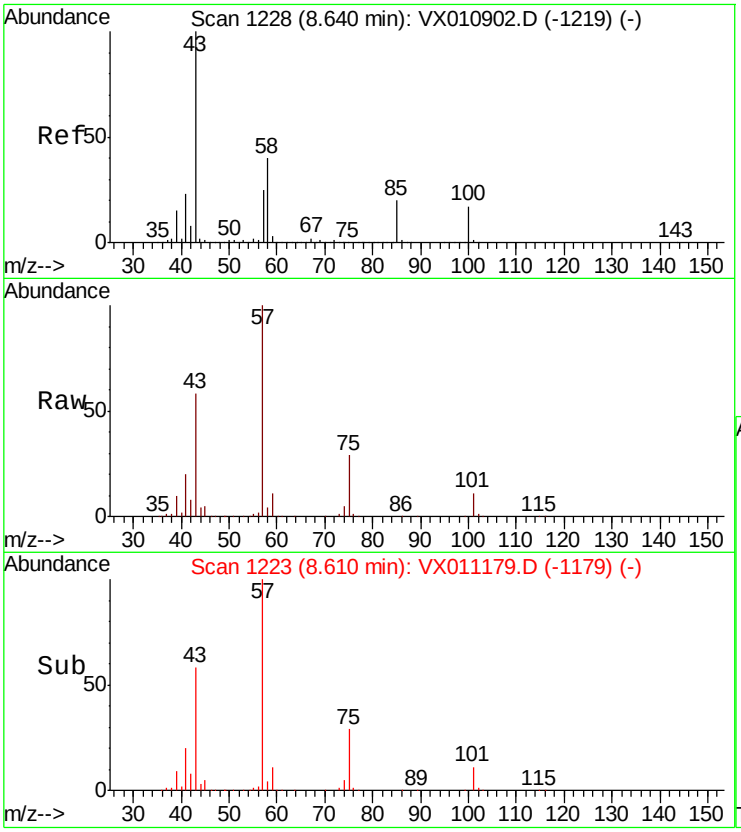


#50
Toluene-d8
Concen: 52.492 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 98 Resp: 376096

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8



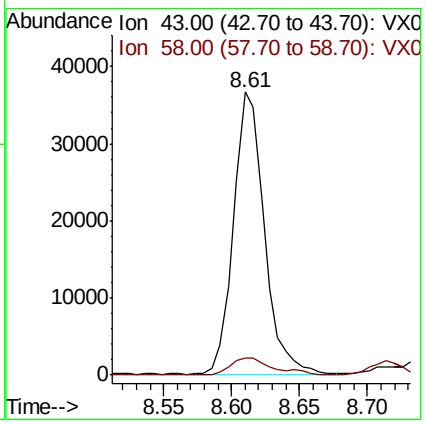


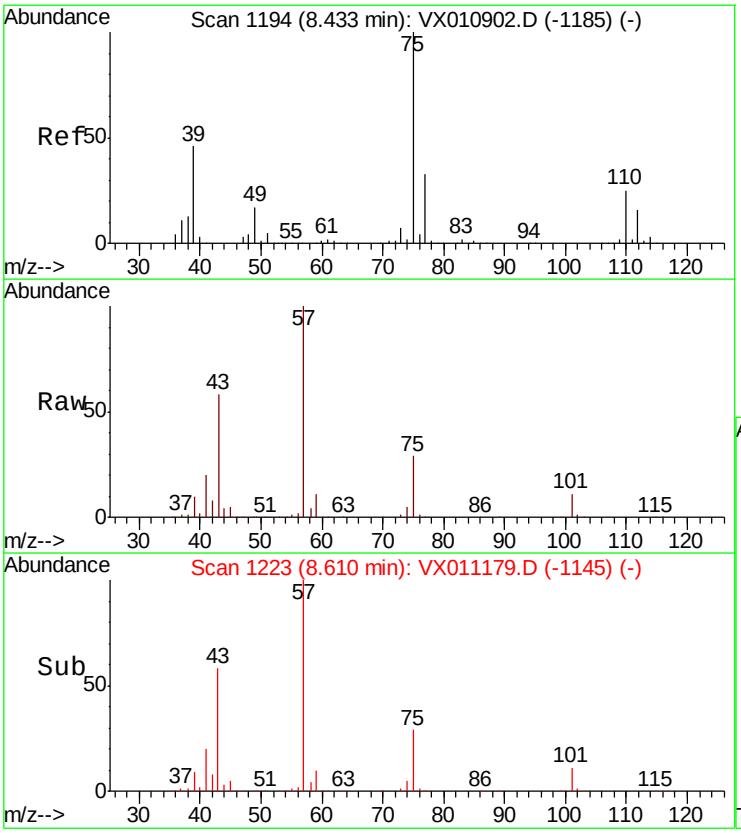
#51
4-Methyl-2-Pentanone
Concen: 21.343 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 43 Resp: 57590

Ion	Ratio	Lower	Upper
43	100		
58	8.7	32.2	48.4#

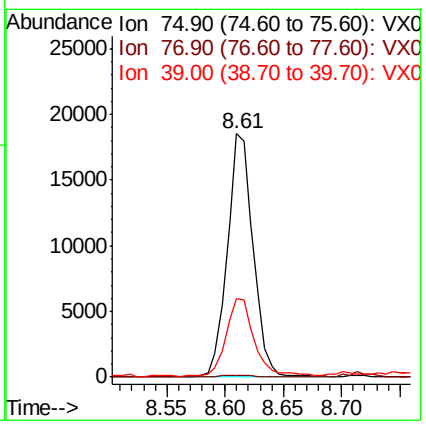


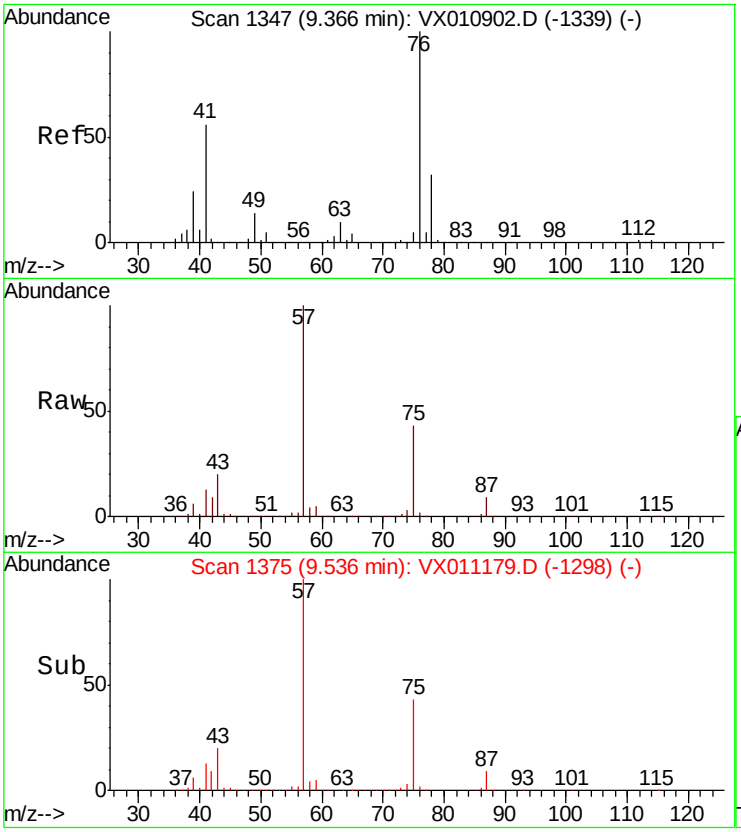


#54
cis-1,3-Dichloropropene
Concen: 9.736 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 75 Resp: 28558

Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.1	39.1#
39	31.6	36.6	54.8#



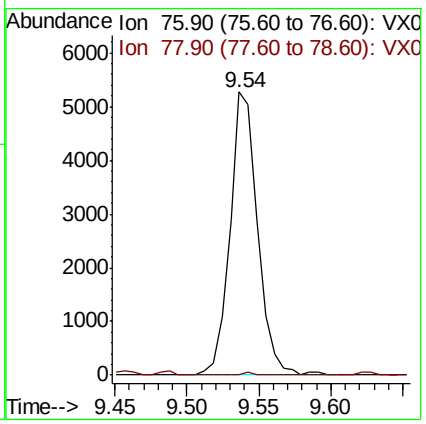


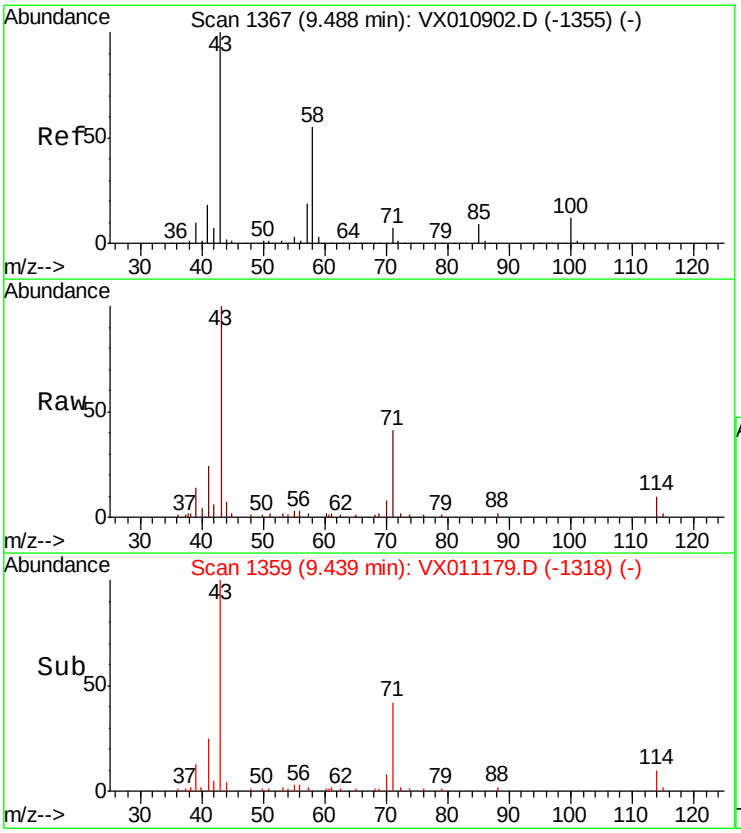
#57
1,3-Dichloropropane
Concen: 2.177 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion: 76 Resp: 7073

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#

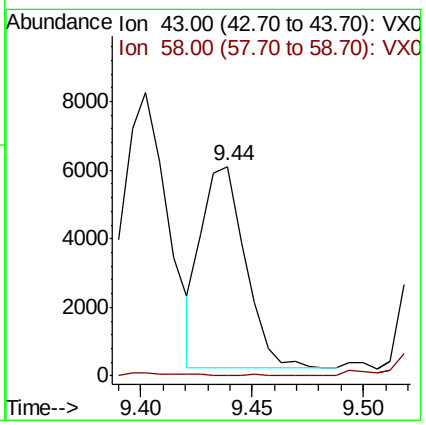


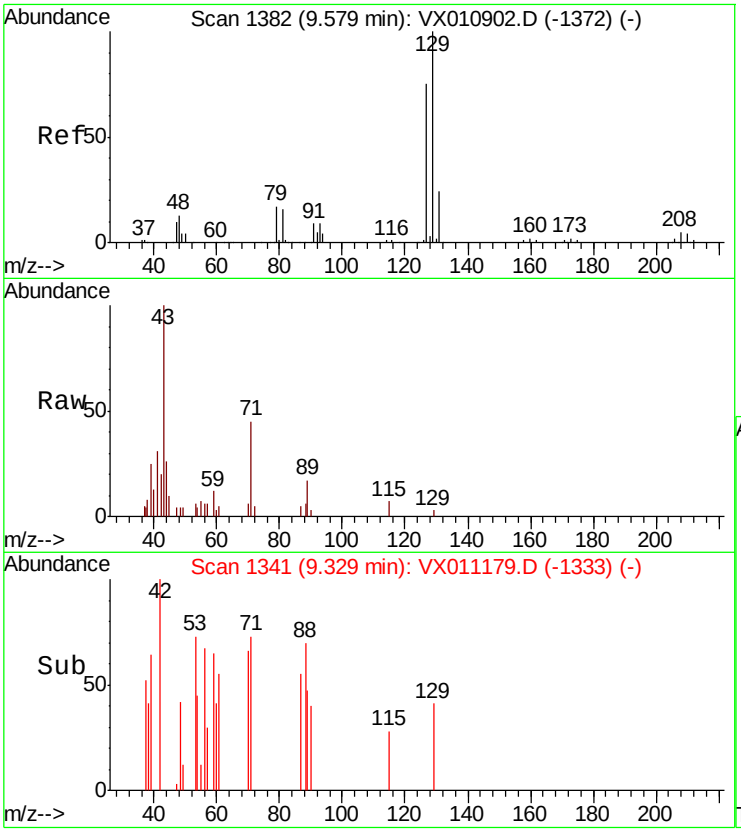


#59
2-Hexanone
Concen: 3.818 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 43 Resp: 7990

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#



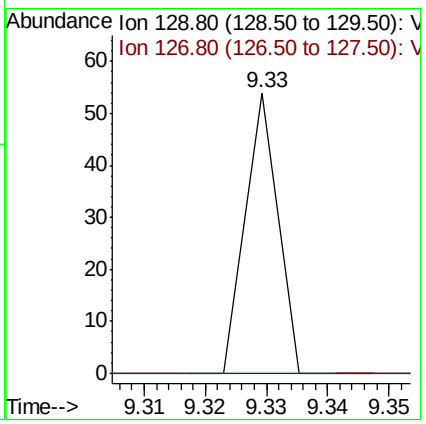


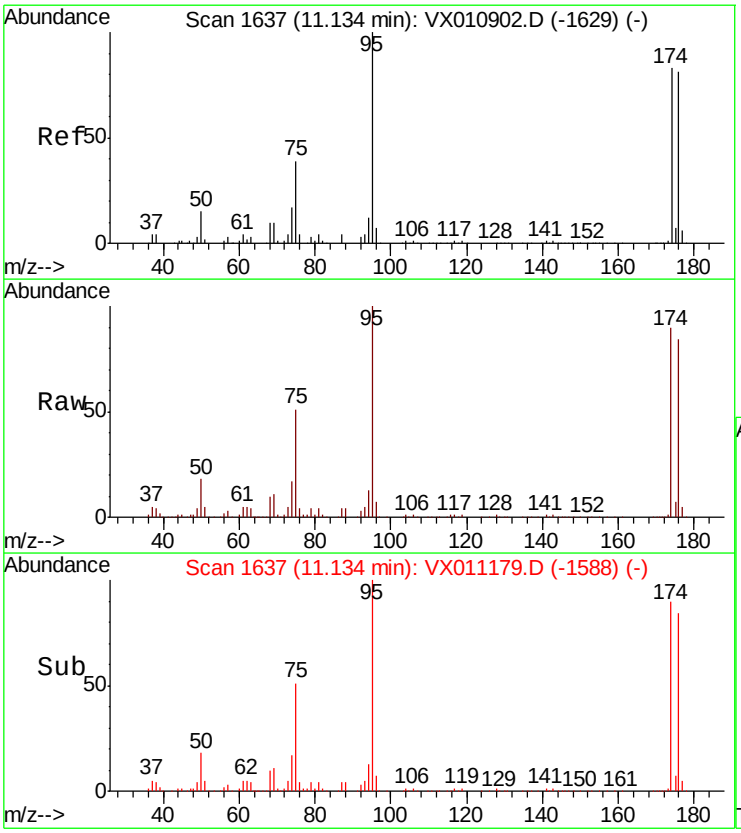
#60
Dibromochloromethane
Concen: 2.536 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion:129 Resp: 20

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

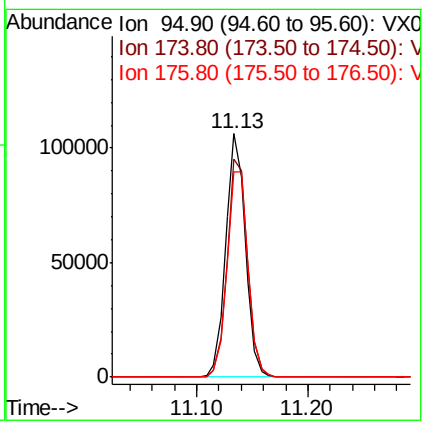


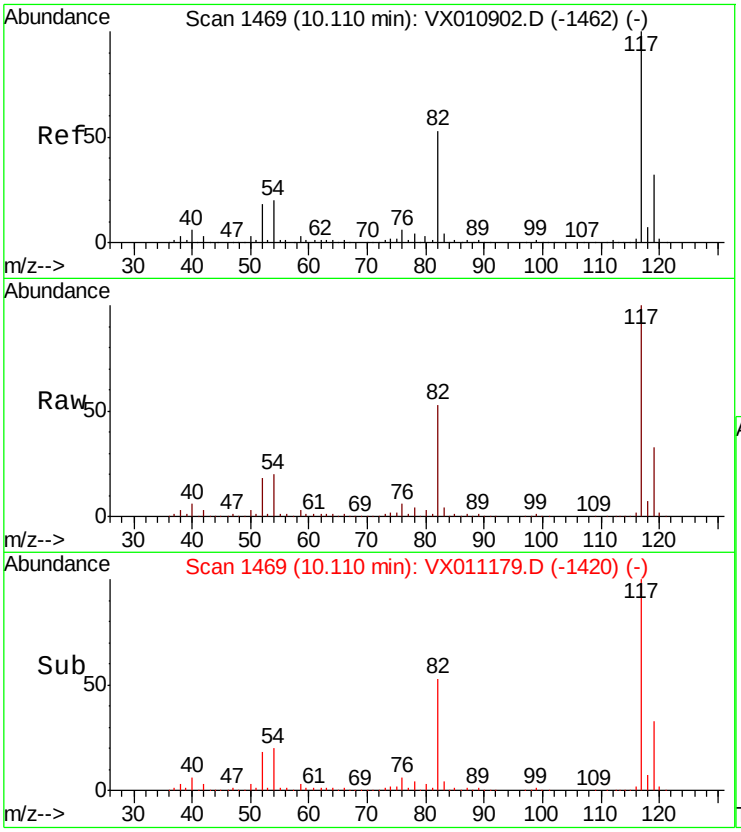


#62
4-Bromofluorobenzene
Concen: 49.207 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 95 Resp: 129590

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	180.6
176	90.4	0.0	173.8



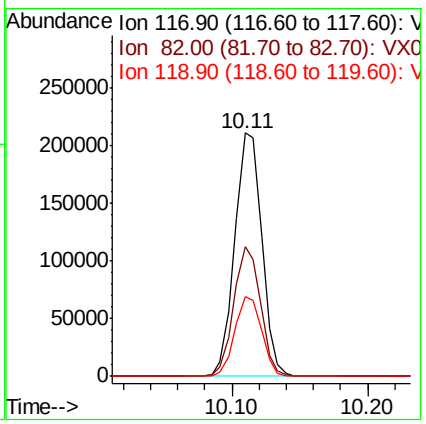


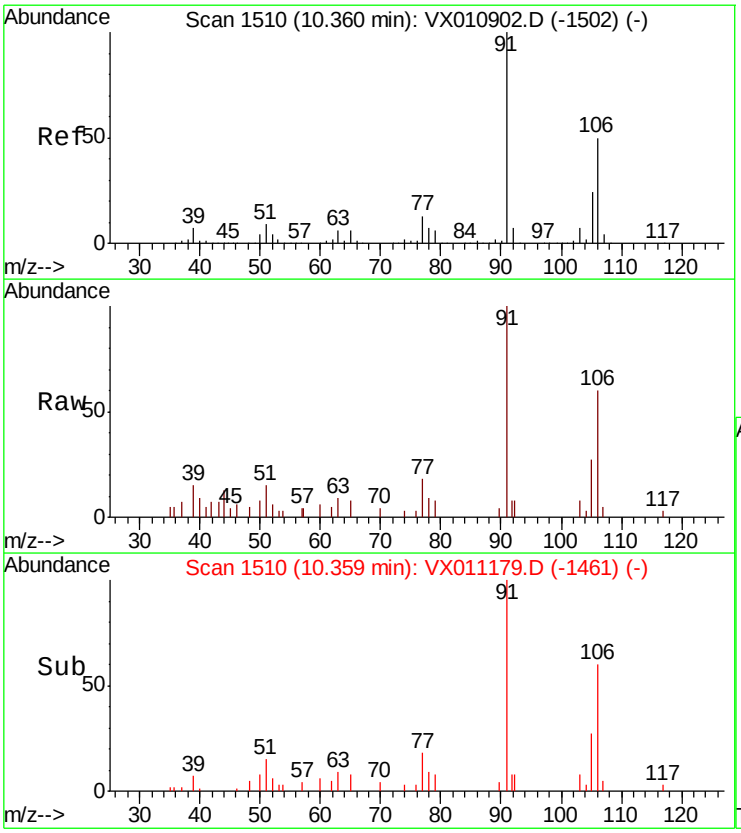
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion:117 Resp: 293130

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	32.9	25.9	38.9

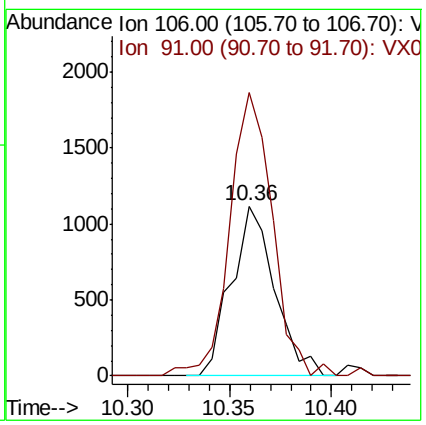


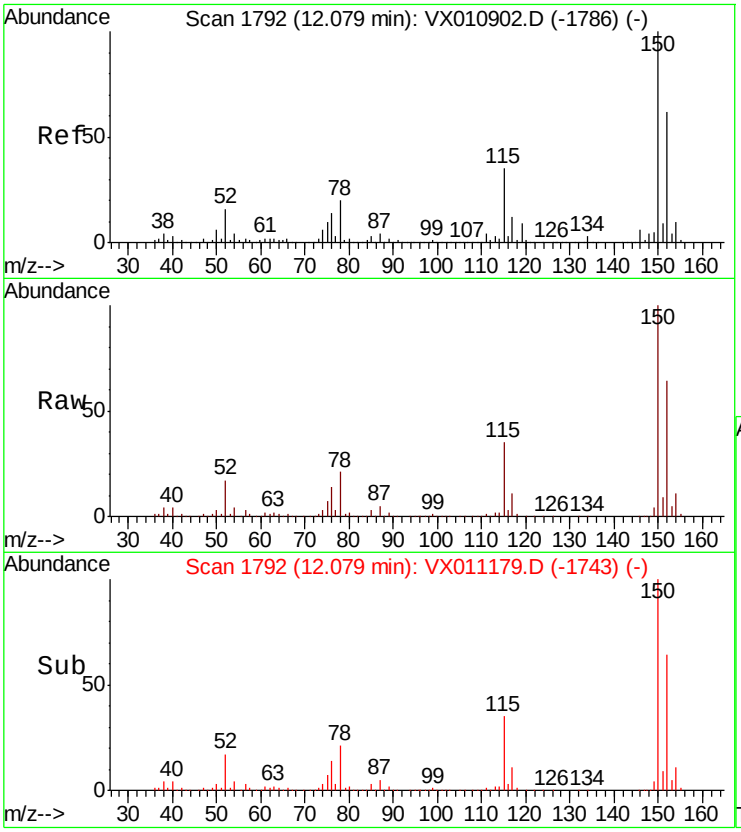


#68
m/p-Xylenes
Concen: 0.421 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion:106 Resp: 1654

Ion	Ratio	Lower	Upper
106	100		
91	163.5	160.1	240.1



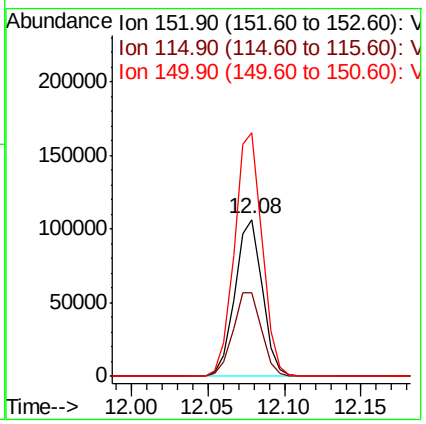


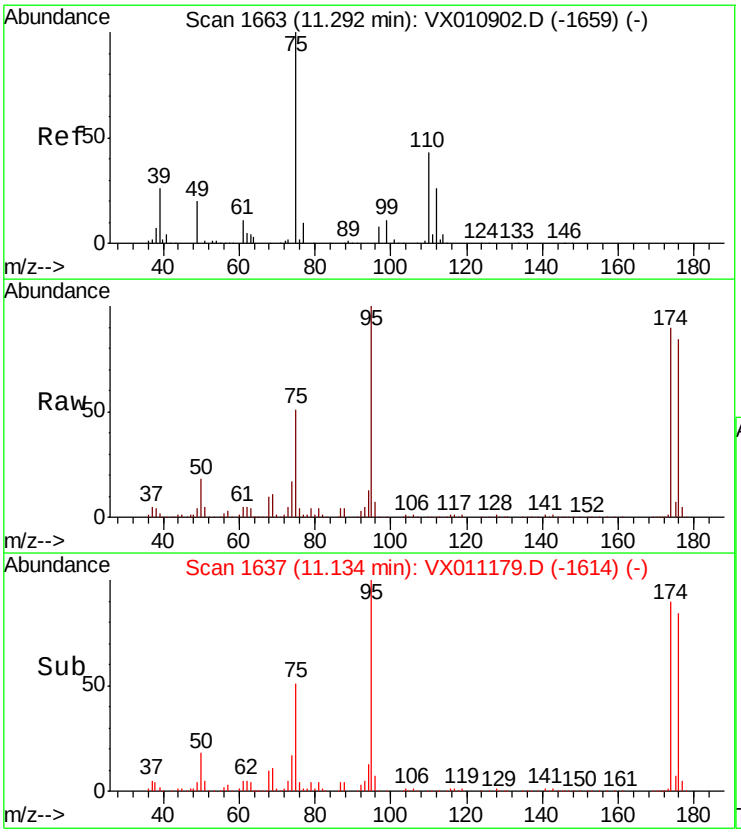
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#02

Tgt Ion:152 Resp: 132062

Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.7	119.1
150	156.9	0.0	345.6

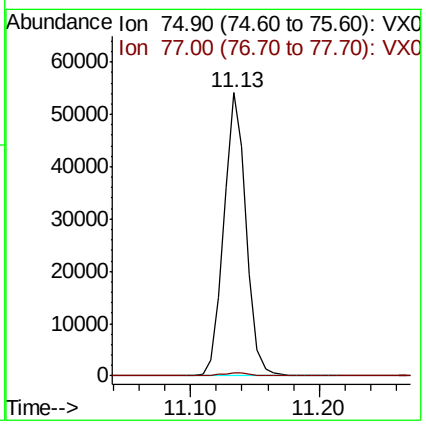


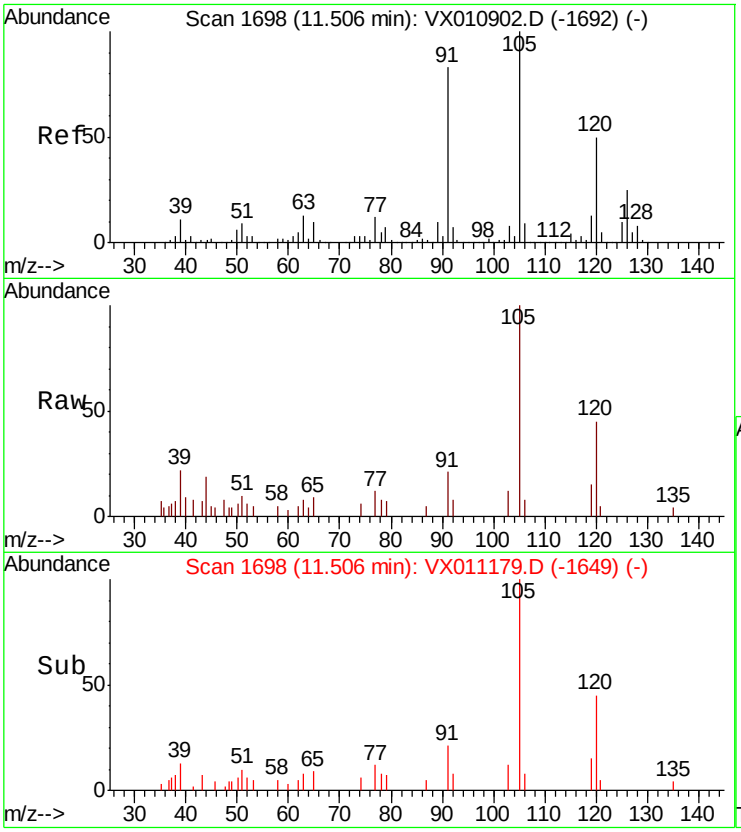


#76
1,2,3-Trichloropropane
Concen: 27.617 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 75 Resp: 65816

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#



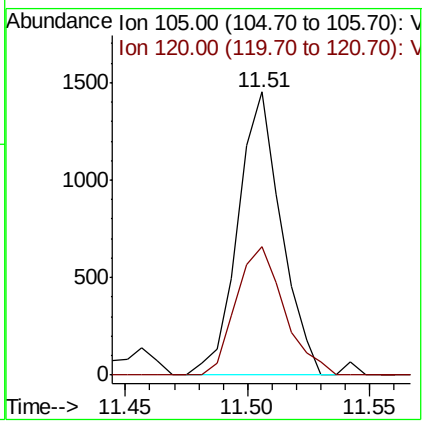


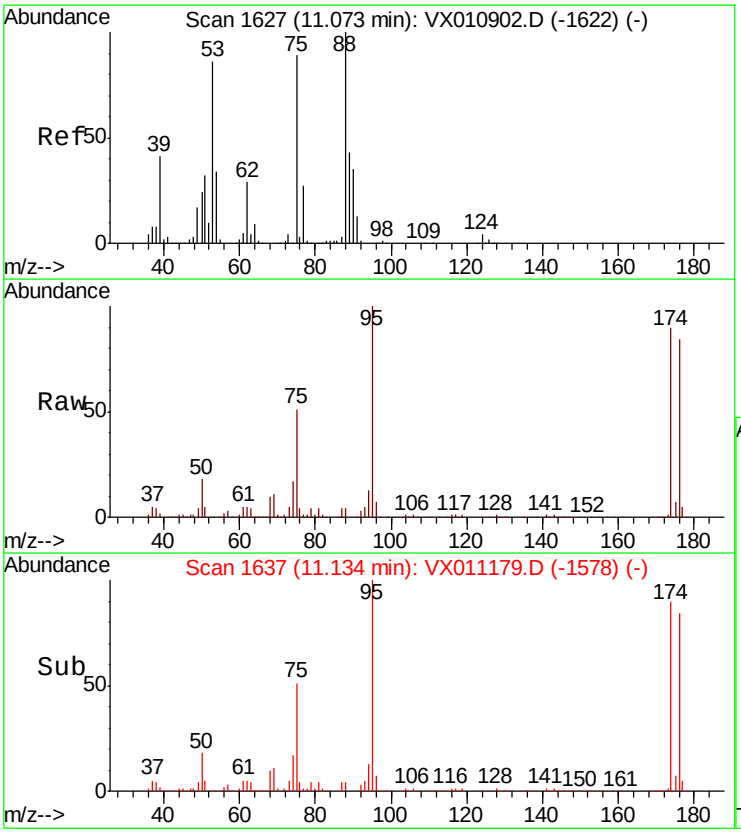
#80
1,3,5-Trimethylbenzene
Concen: 0.239 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#02

Tgt Ion:105 Resp: 1785

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 68.381 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011179.D
Acq: 30 Jul 2019 05:27

Tgt Ion: 75 Resp: 65816

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.1	38.5	57.7#