Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011182.D
Acq On : 30 Jul 2019 06:37
Operator : JC/SP
Sample : PB121753ZHE#05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#05

Quant Time: Jul 30 08:09:51 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	184250	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	297627	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	293473	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133438	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	102808	52.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.90%				
35) Dibromofluoromethane	5.50	113	94900	50.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.48%				
50) Toluene-d8	8.71	98	372919	52.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.26%				
62) 4-Bromofluorobenzene	11.13	95	131425	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.34	85	19	0.556	ug/l	#	43
3) Chloromethane	1.33	50	429	0.253	ug/l		96
5) Bromomethane	1.65	94	282	0.290	ug/l	#	48
6) Chloroethane	1.66	64	306	0.279	ug/l	#	53
8) Diethyl Ether	2.19	74	857	0.850	ug/l		94
11) Tert butyl alcohol	3.04	59	170	0.372	ug/l	#	1
13) Acrolein	2.31	56	143	0.542	ug/l	#	21
16) Acetone	2.44	43	505953	571.509	ug/l		97
18) Methyl Acetate	2.78	43	1468	0.728	ug/l		98
20) Methylene Chloride	2.86	84	151347	80.670	ug/l		98
25) 2-Butanone	4.68	43	2338	1.840	ug/l	#	82
31) Cyclohexane	5.67	56	3741	1.406	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	12715	5.201	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	17438	6.845	ug/l	#	19
43) Isopropyl Acetate	6.44	43	10971	2.665	ug/l		98
48) Methyl methacrylate	7.67	41	5845	2.915	ug/l	#	10
49) 1,4-Dioxane	7.71	88	29	0.517	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	55067	20.637	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	28289	9.752	ug/l	#	65
57) 1,3-Dichloropropane	9.54	76	7120	2.216	ug/l	#	43
59) 2-Hexanone	9.54	43	88001	42.521	ug/l	#	52
68) m/p-Xylenes	10.36	106	1408	0.358	ug/l		92
74) N-amyl acetate	10.69	43	8758	2.542	ug/l	#	55
76) 1,2,3-Trichloropropane	11.13	75	65973	27.398	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1614	0.214	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.13	75	65973	67.869	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132	0.214	ug/l	#	1

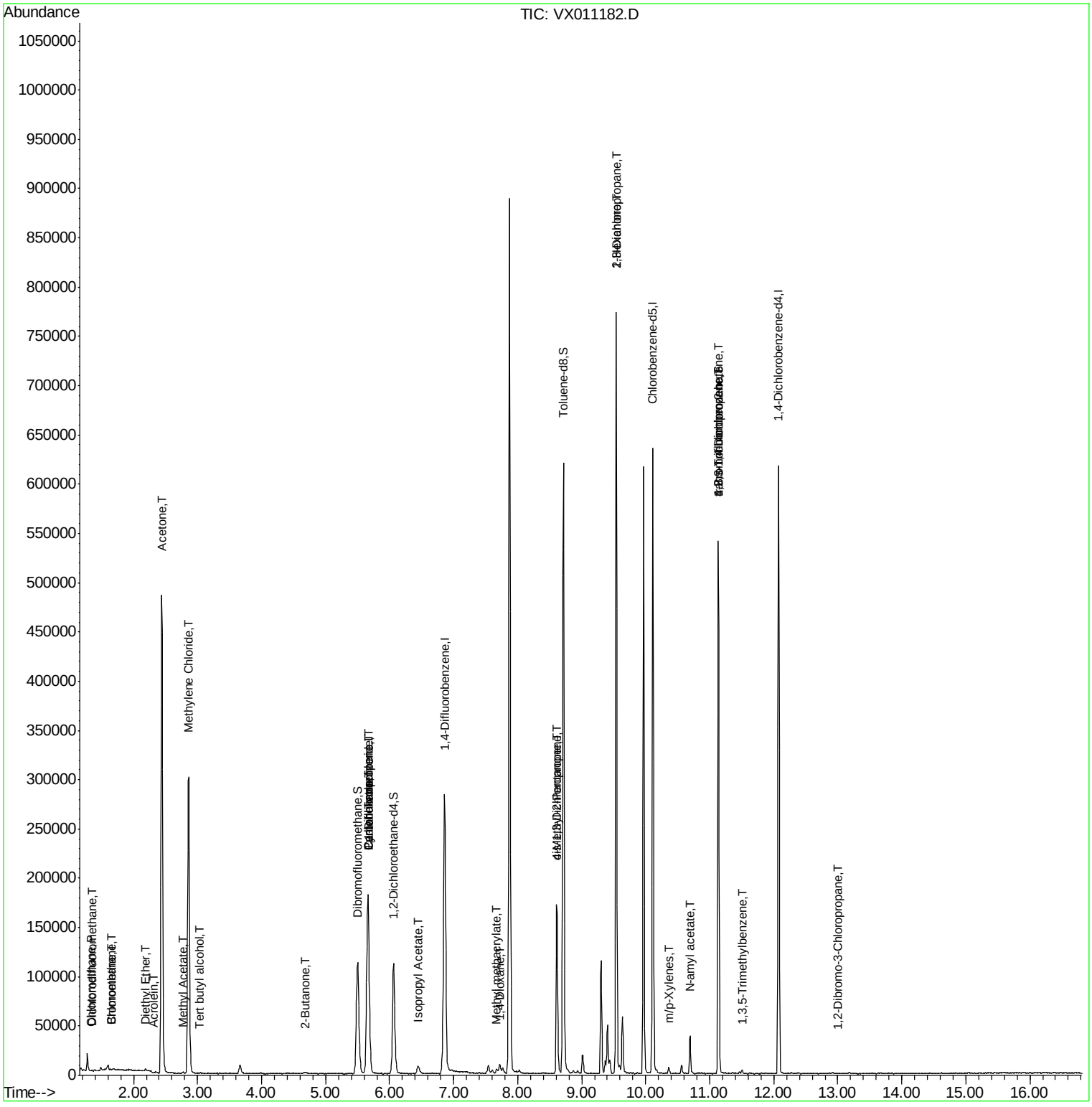
(#) = qualifier out of range (m) = manual integration (+) = signals summed

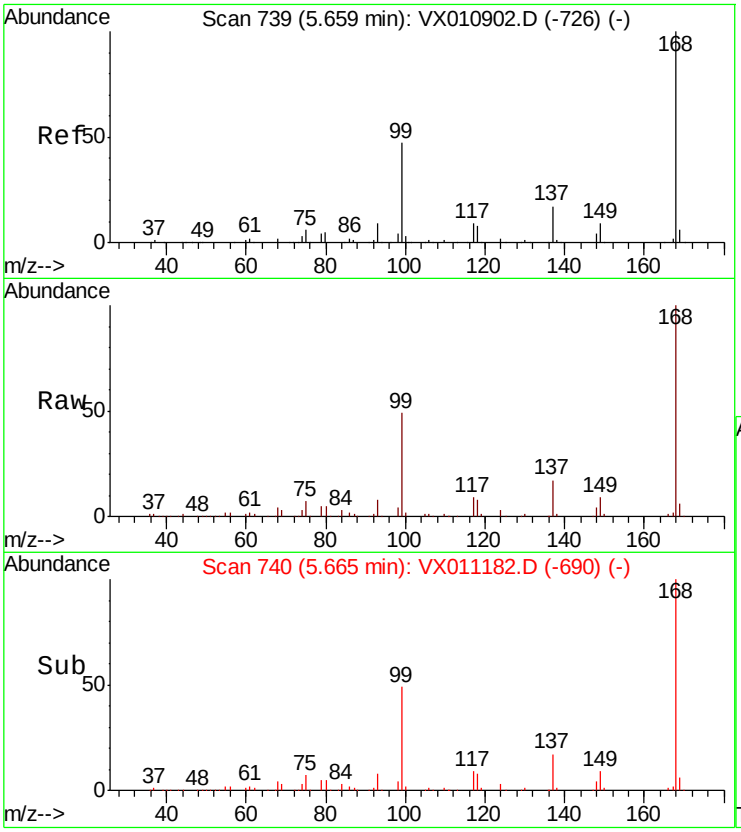
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011182.D
Acq On : 30 Jul 2019 06:37
Operator : JC/SP
Sample : PB121753ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Quant Time: Jul 30 08:09:51 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



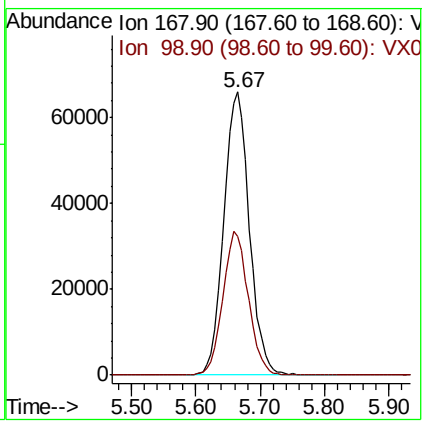


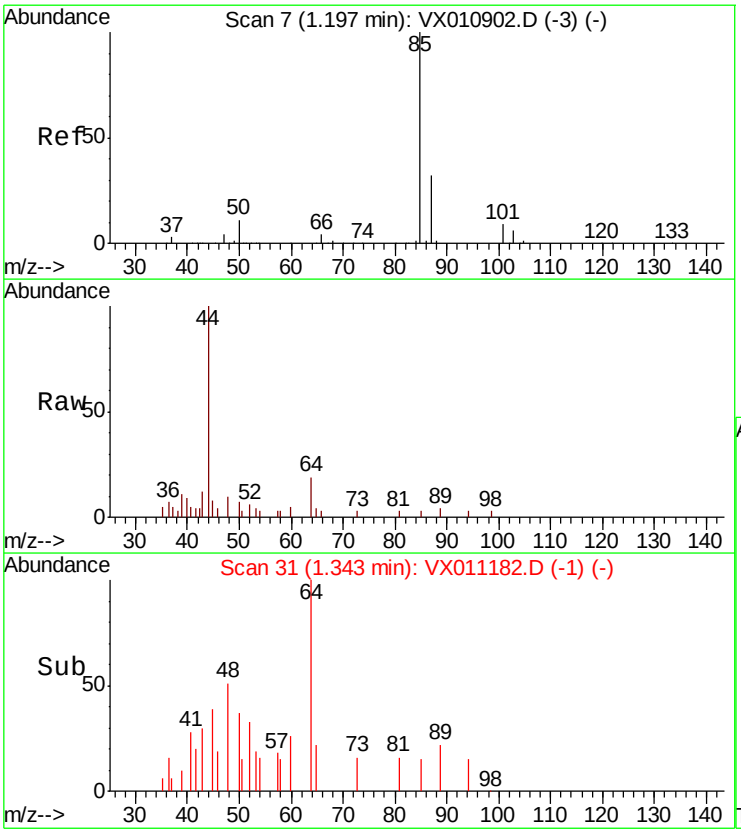
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion:168 Resp: 184250

Ion	Ratio	Lower	Upper
168	100		
99	49.1	37.6	56.4

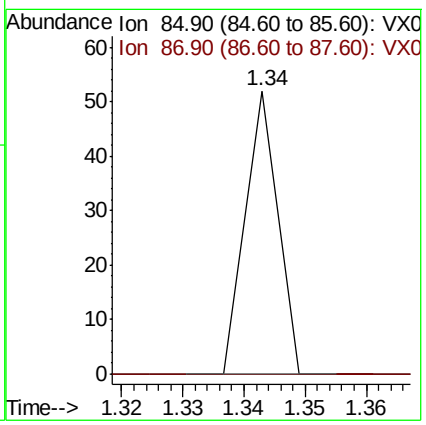


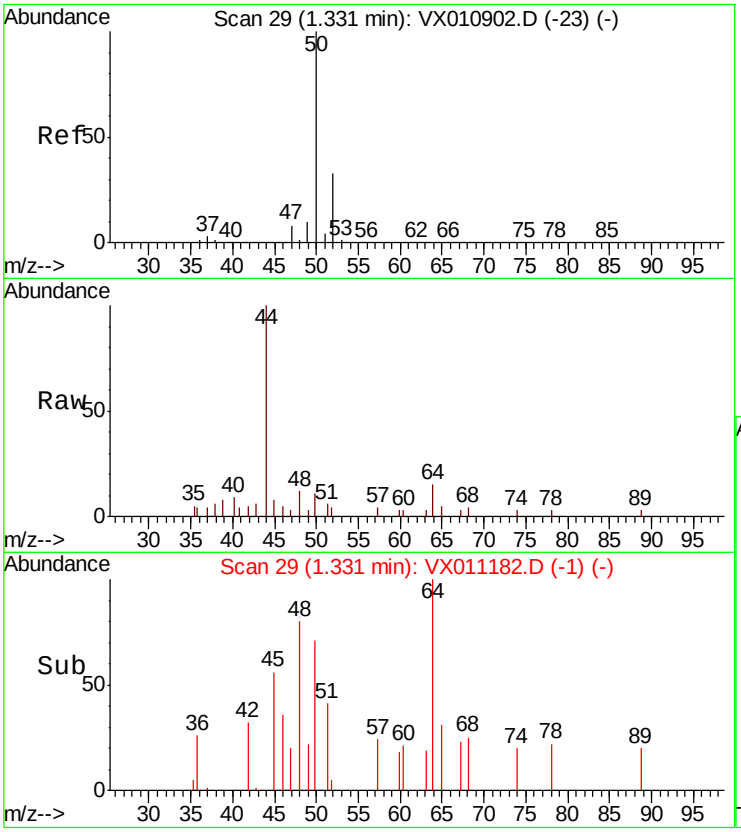


#2
Dichlorodifluoromethane
Concen: 0.556 ug/l
RT: 1.34 min Scan# 31
Delta R.T. 0.15 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 85 Resp: 19

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



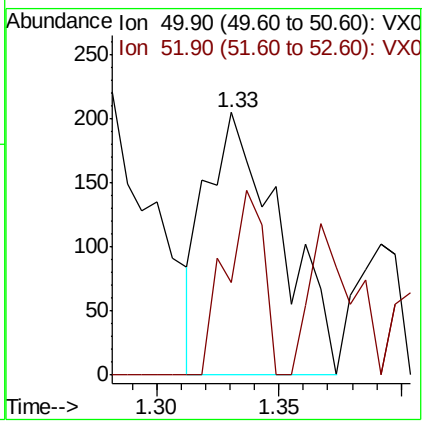


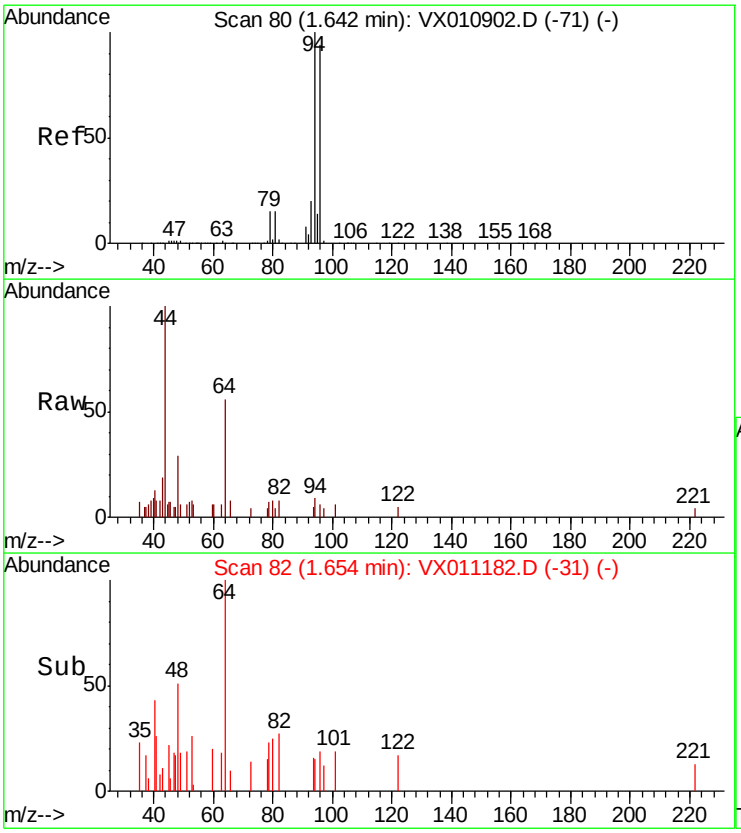
#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 50 Resp: 429

Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.4	39.6

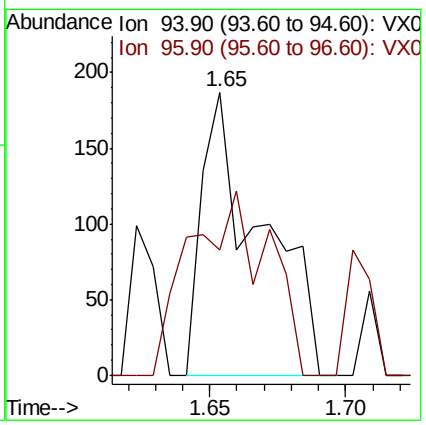


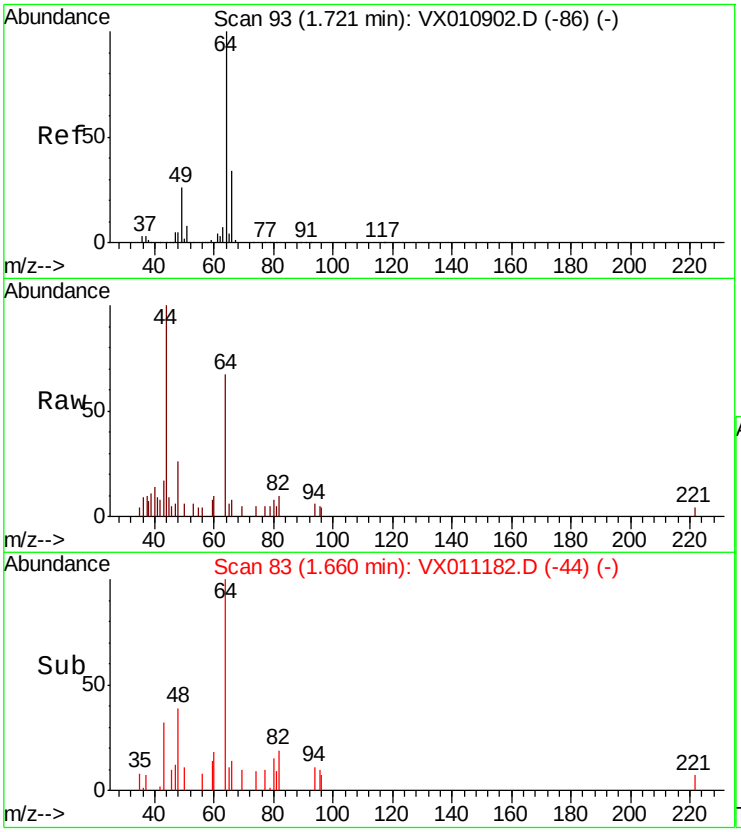


#5
Bromomethane
Concen: 0.290 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 94 Resp: 282

Ion	Ratio	Lower	Upper
94	100		
96	44.4	75.6	113.4#



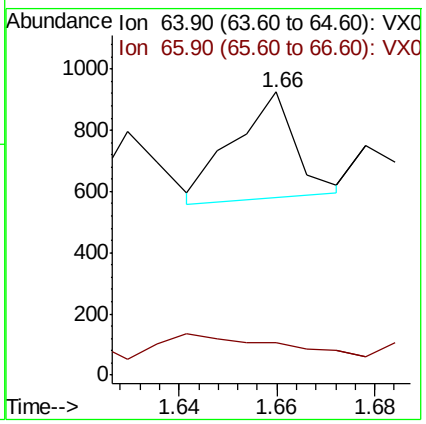


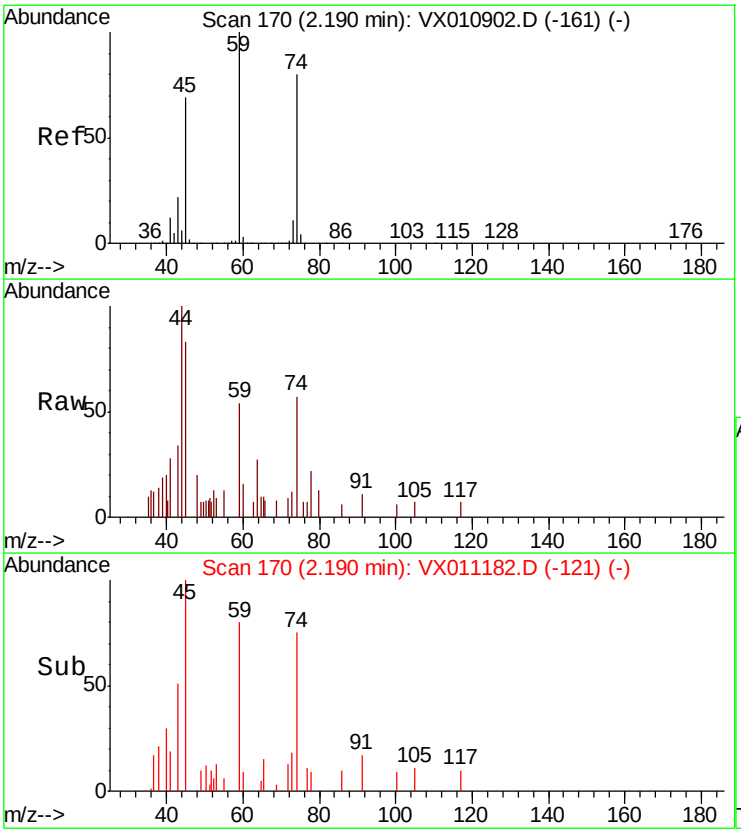
#6
Chloroethane
Concen: 0.279 ug/l
RT: 1.66 min Scan# 83
Delta R.T. -0.06 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 64 Resp: 306

Ion	Ratio	Lower	Upper
64	100		
66	7.0	27.0	40.6#

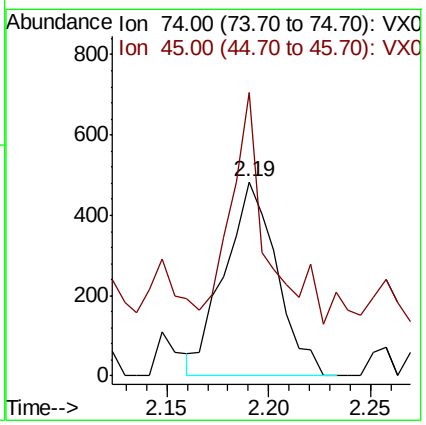


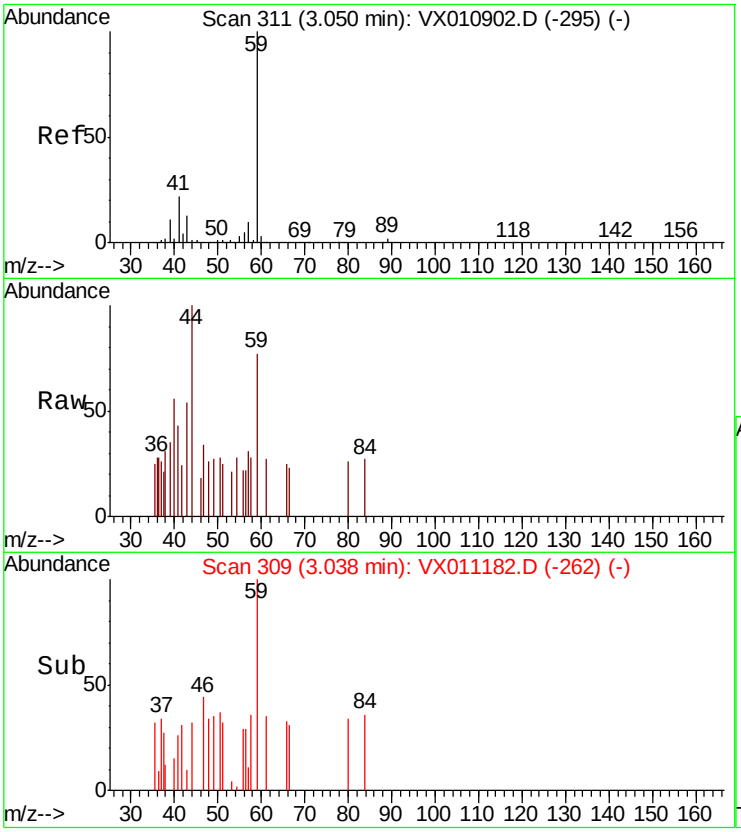


#8
Diethyl Ether
Concen: 0.850 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 74 Resp: 857

Ion	Ratio	Lower	Upper
74	100		
45	84.9	45.5	136.5



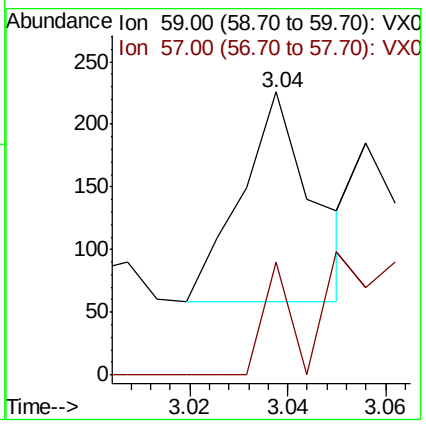


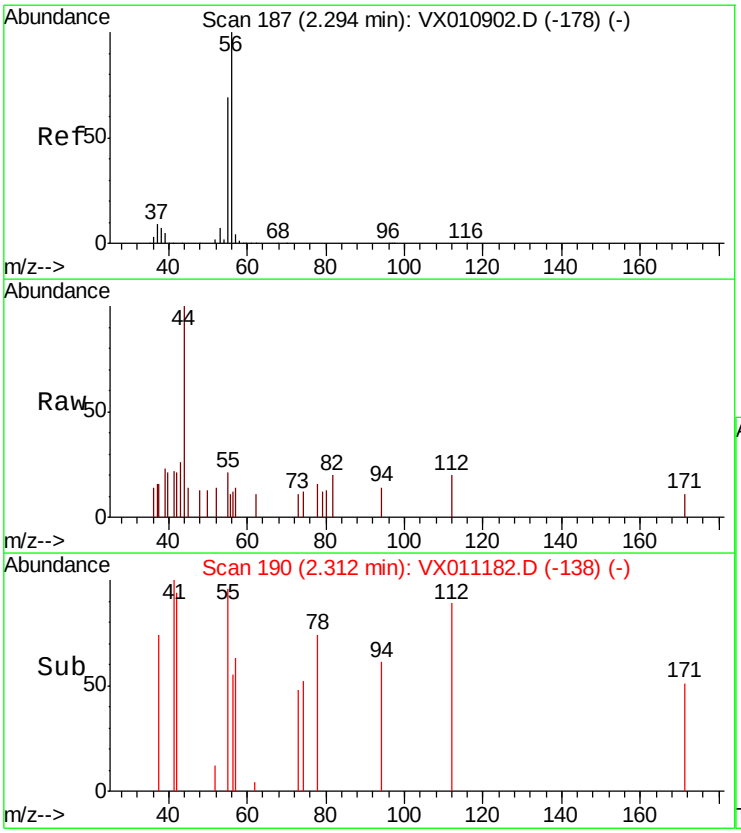
#11
Tert butyl alcohol
Concen: 0.372 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#05

Tgt Ion: 59 Resp: 170

Ion	Ratio	Lower	Upper
59	100		
57	74.7	7.9	11.9#

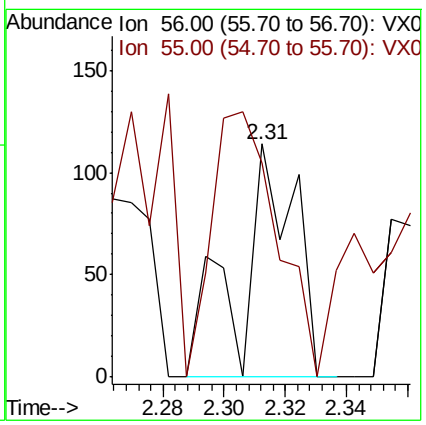


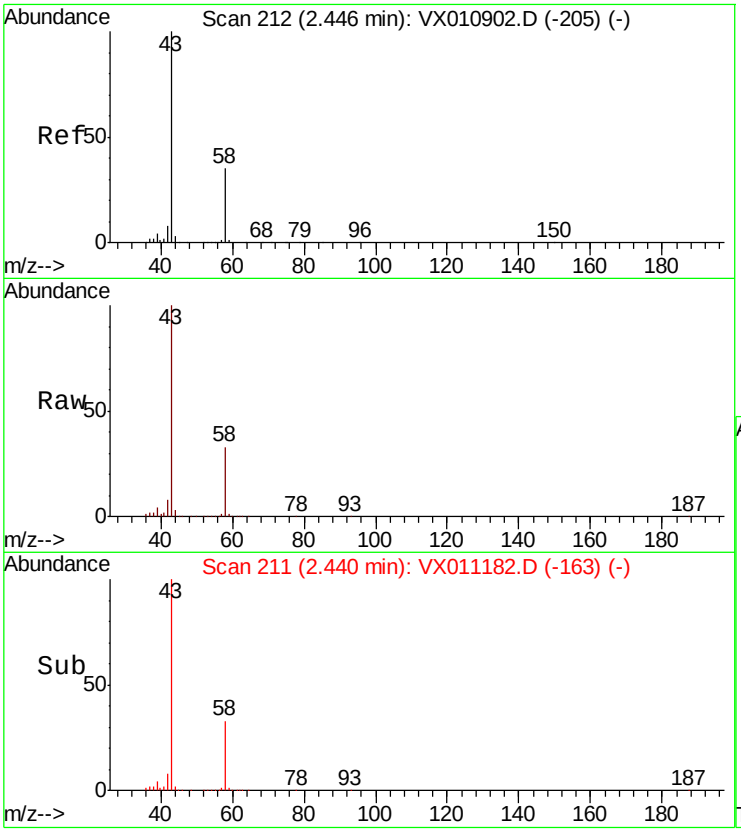


#13
Acrolein
Concen: 0.542 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 56 Resp: 143

Ion	Ratio	Lower	Upper
56	100		
55	134.3	55.9	83.9#



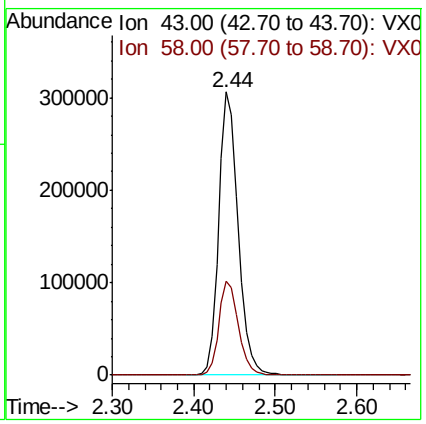


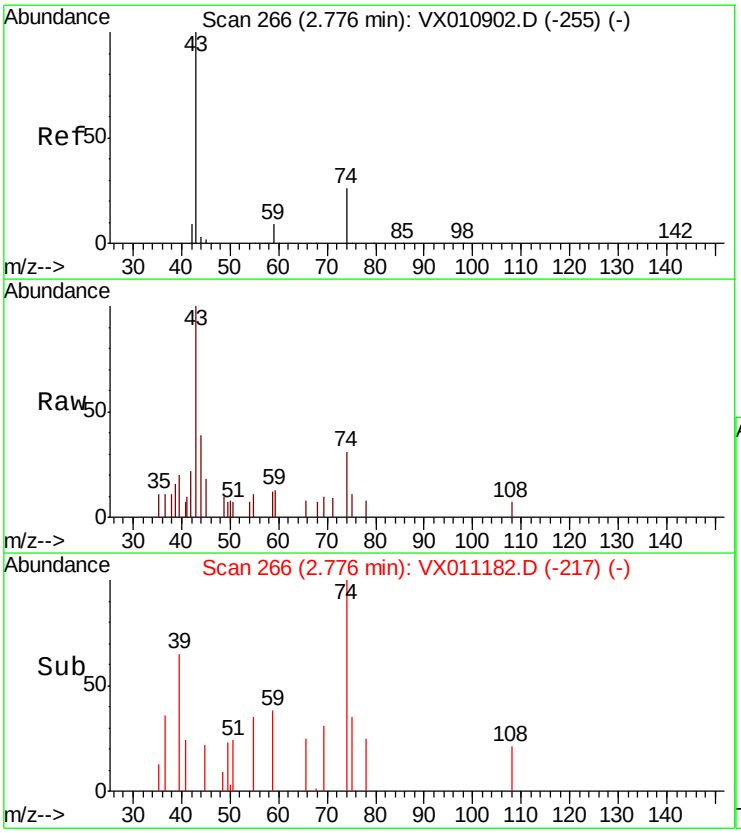
#16
Acetone
Concen: 571.509 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 43 Resp: 505953

Ion	Ratio	Lower	Upper
43	100		
58	33.1	27.7	41.5

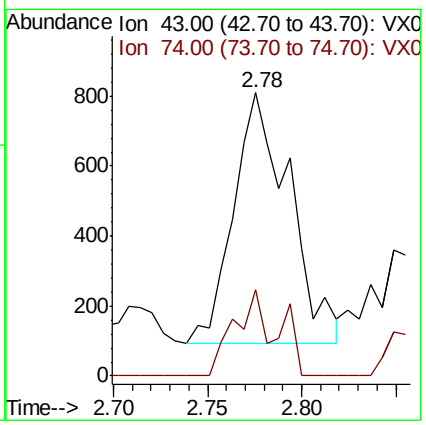


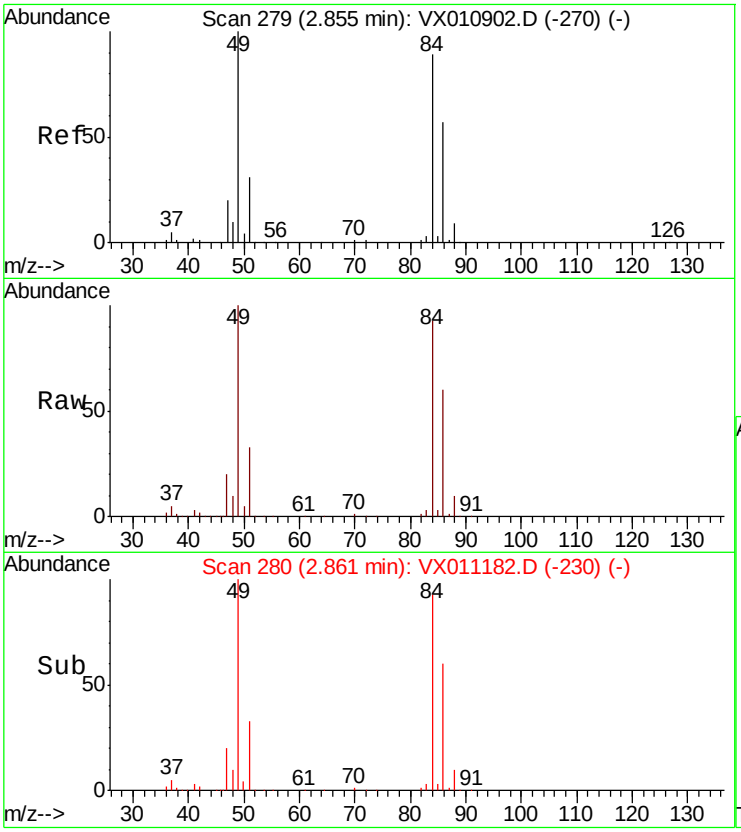


#18
Methyl Acetate
Concen: 0.728 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 43 Resp: 1468

Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.5	32.3



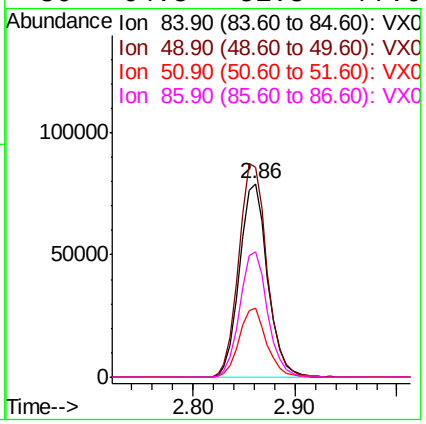


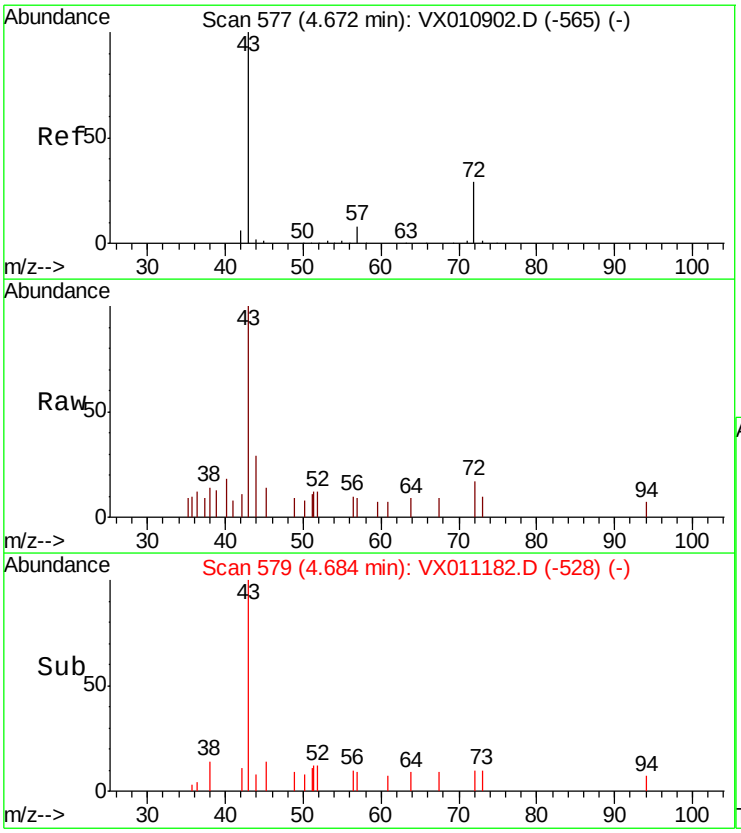
#20
Methylene Chloride
Concen: 80.670 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#05

Tgt Ion: 84 Resp: 151347

Ion	Ratio	Lower	Upper
84	100		
49	107.9	89.9	134.9
51	35.5	27.8	41.6
86	64.8	51.8	77.6

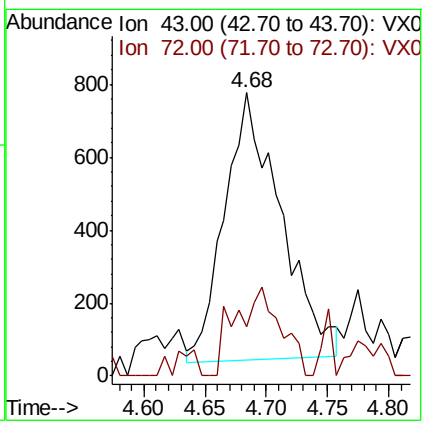


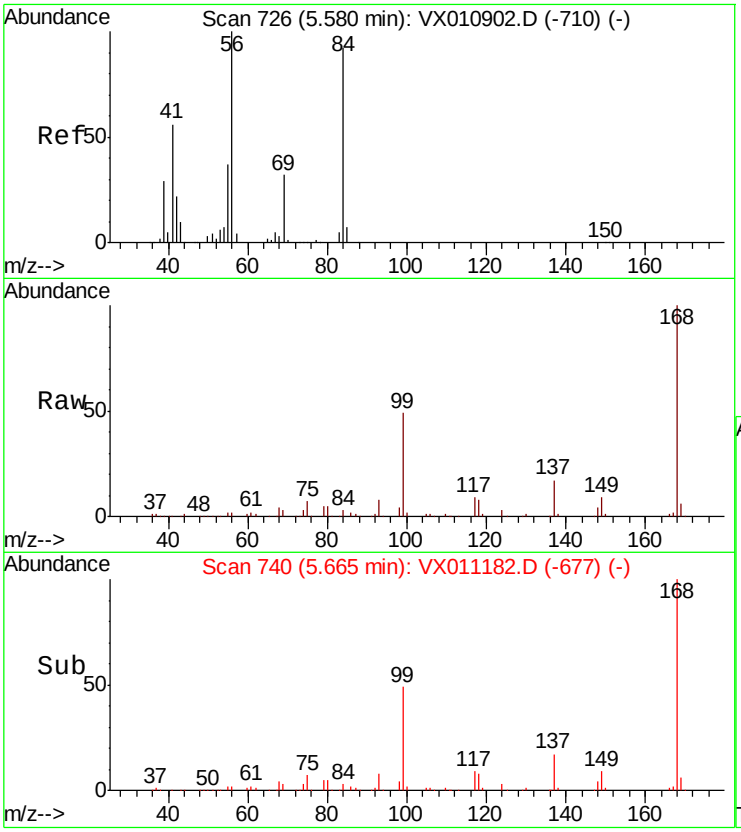


#25
2-Butanone
Concen: 1.840 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 43 Resp: 2338

Ion	Ratio	Lower	Upper
43	100		
72	19.1	23.0	34.6#



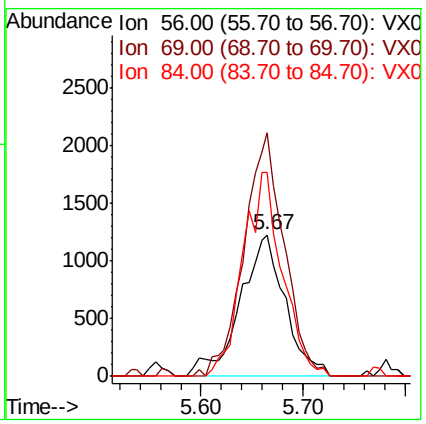


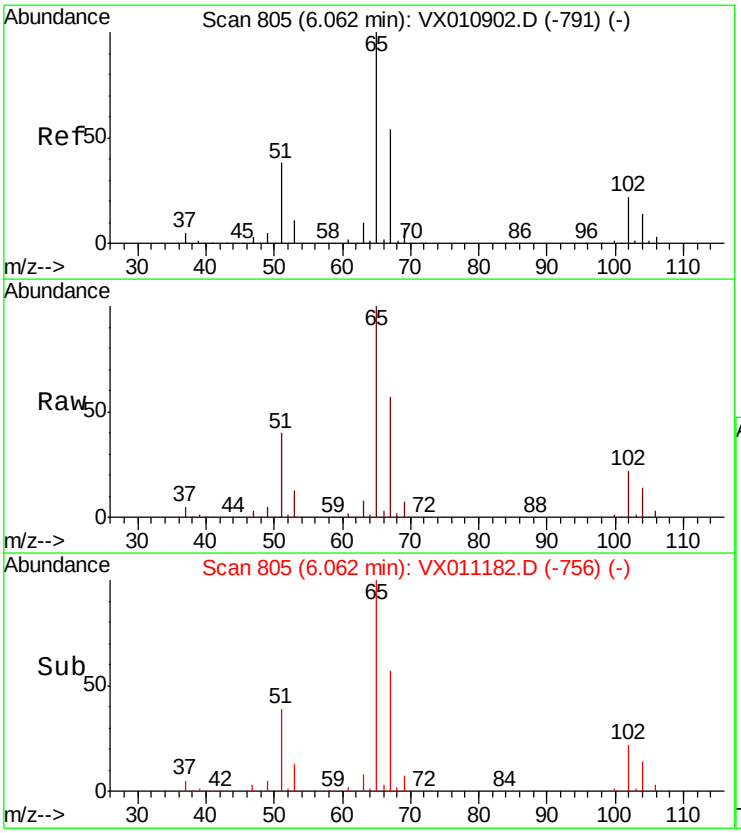
#31
Cyclohexane
Concen: 1.406 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 56 Resp: 3741

Ion	Ratio	Lower	Upper
56	100		
69	171.7	25.8	38.8#
84	143.9	73.8	110.6#

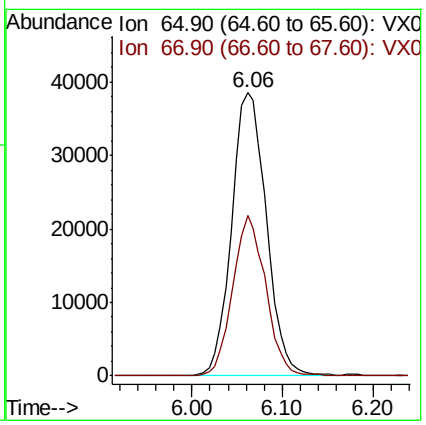


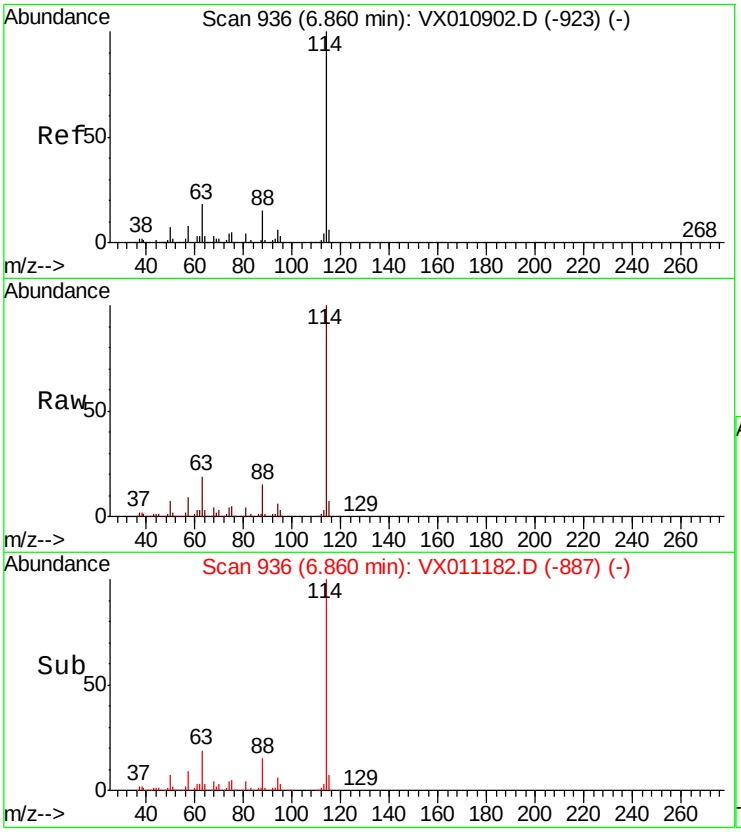


#33
1,2-Dichloroethane-d4
Concen: 52.449 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 65 Resp: 102808

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8



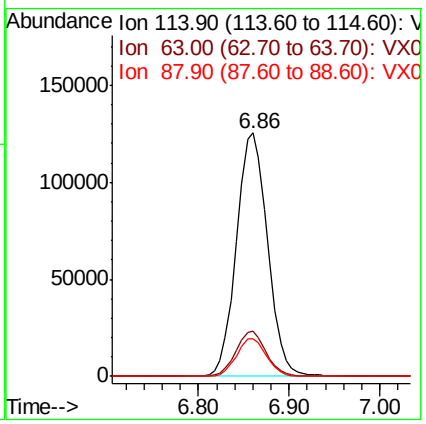


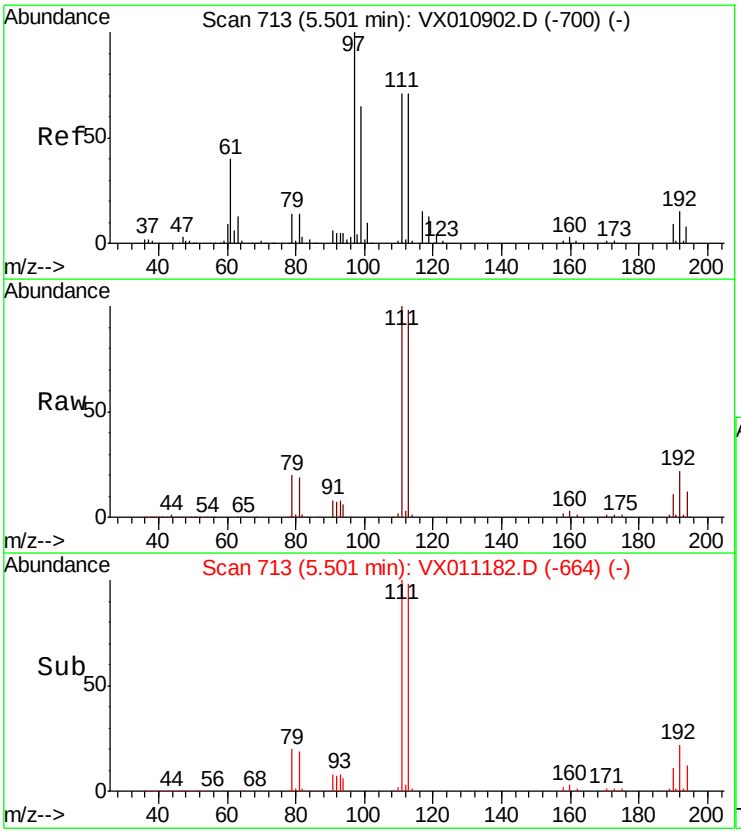
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion:114 Resp: 297627

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.6
88	15.3	0.0	29.8

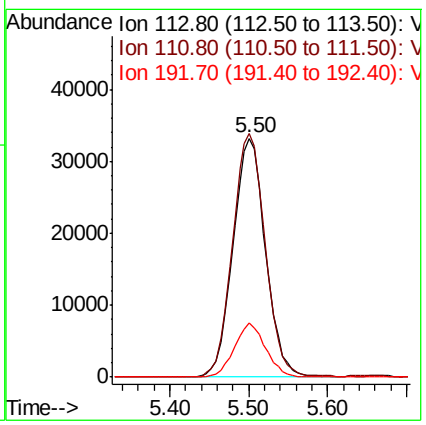


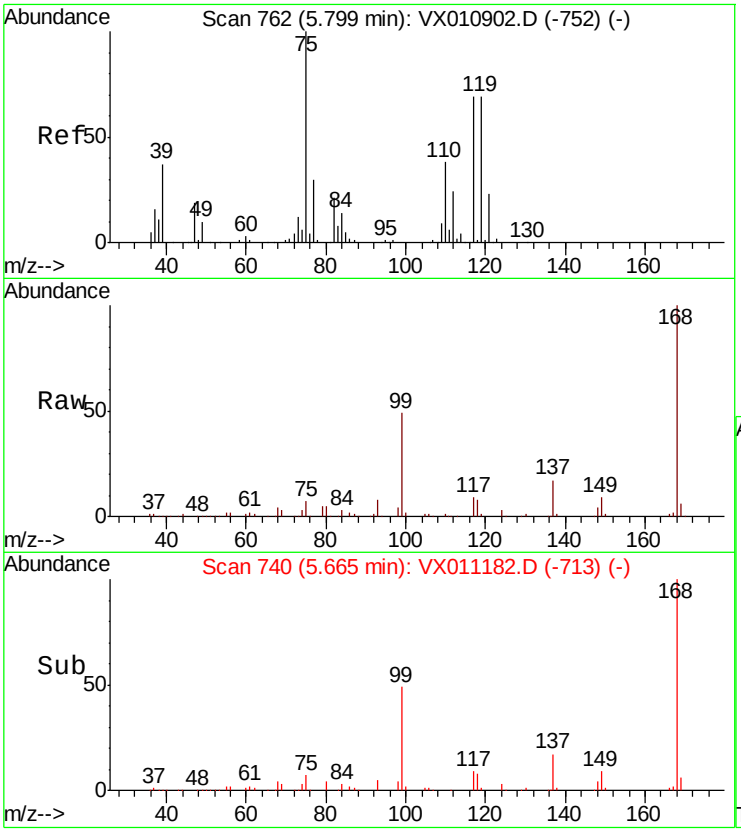


#35
Dibromofluoromethane
Concen: 50.236 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion:113 Resp: 94900

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	21.8	17.4	26.2



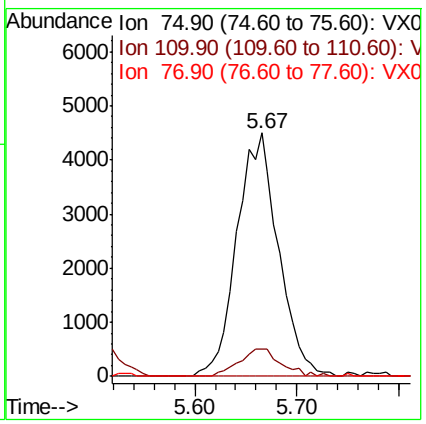


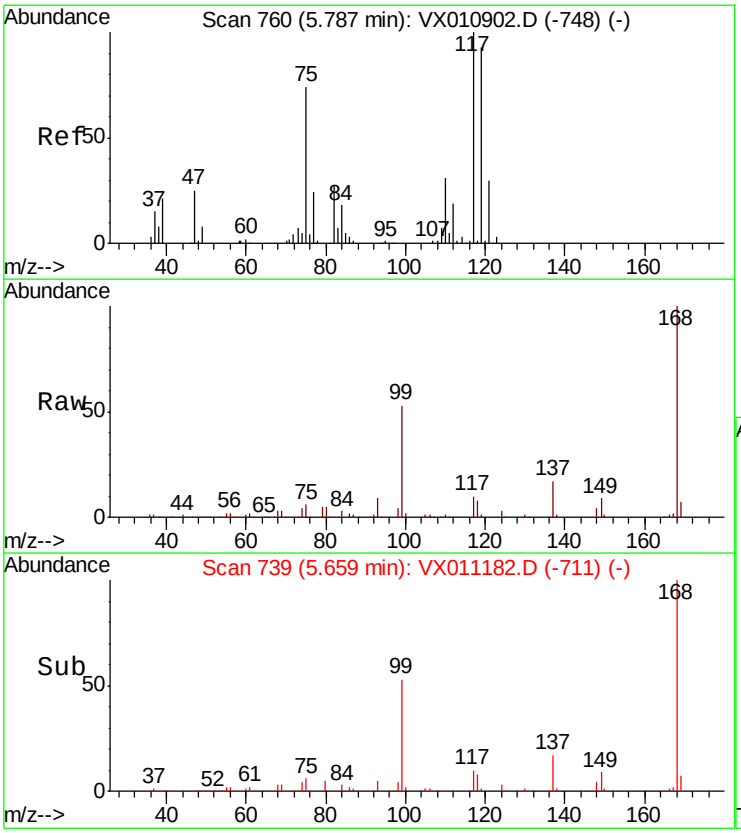
#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 75 Resp: 12715

Ion	Ratio	Lower	Upper
75	100		
110	11.2	19.9	59.7#
77	0.0	25.0	37.4#

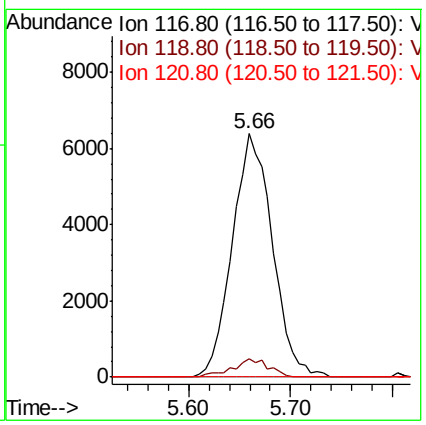


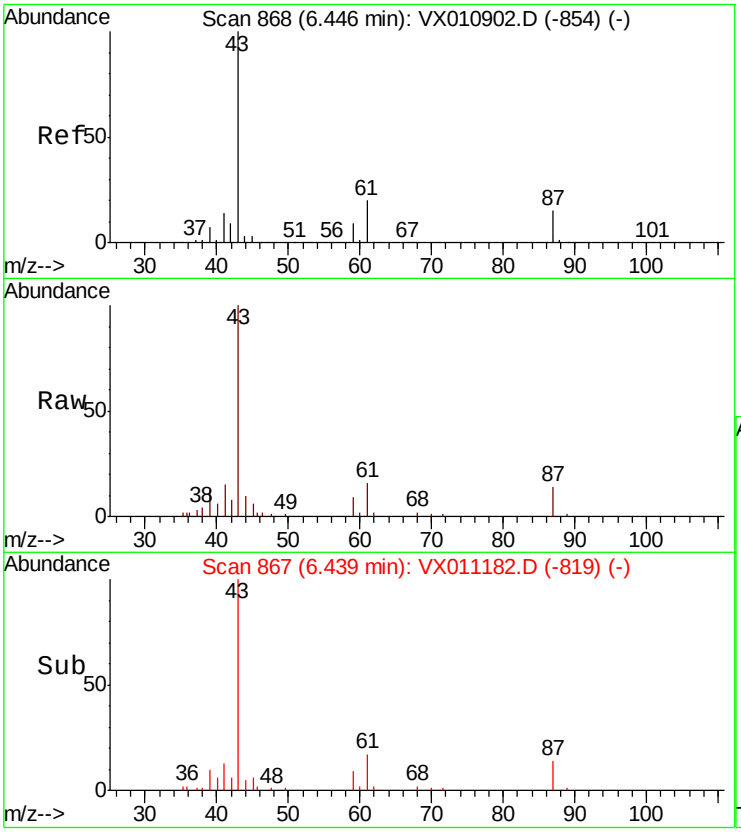


#38
Carbon Tetrachloride
Concen: 6.845 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion:117 Resp: 17438

Ion	Ratio	Lower	Upper
117	100		
119	7.4	74.2	111.2#
121	0.0	24.2	36.2#



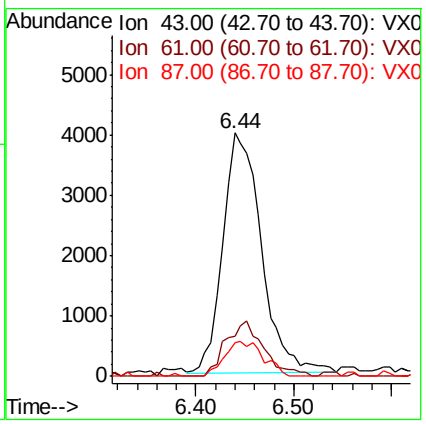


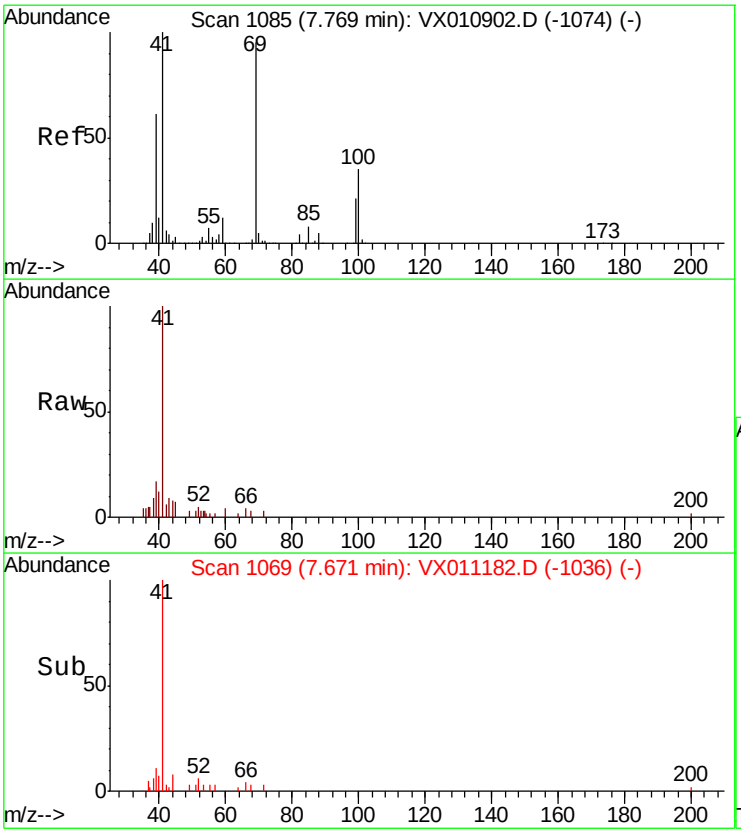
#43
Isopropyl Acetate
Concen: 2.665 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 43 Resp: 10971

Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.1	25.7
87	14.6	12.0	18.0

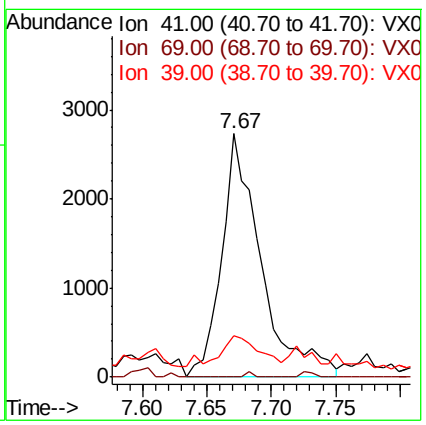


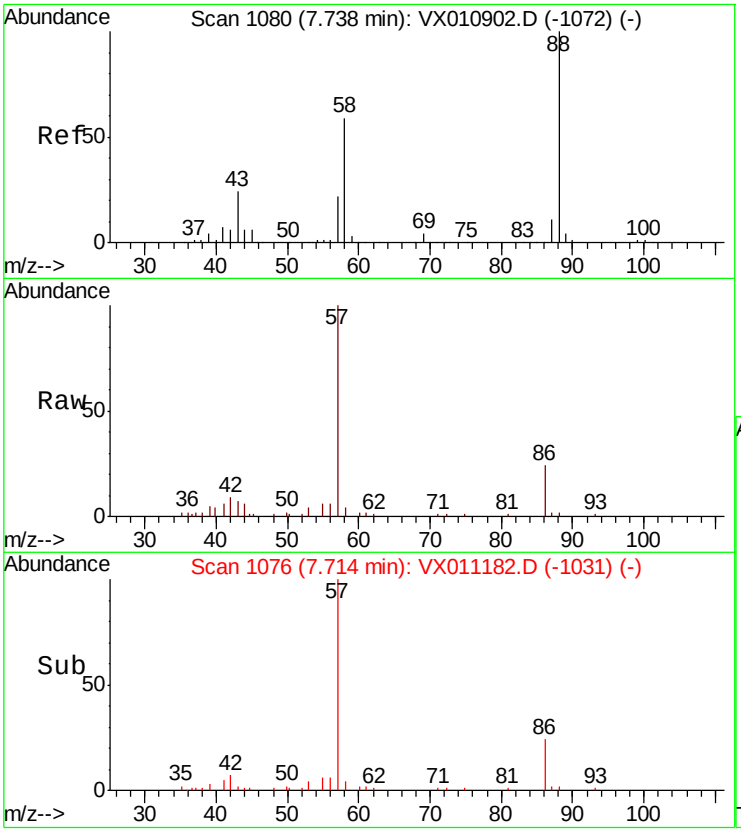


#48
Methyl methacrylate
Concen: 2.915 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 41 Resp: 5845

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



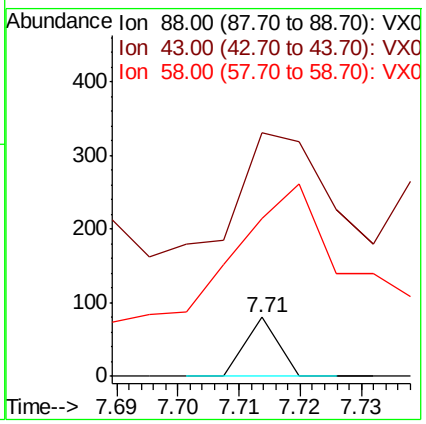


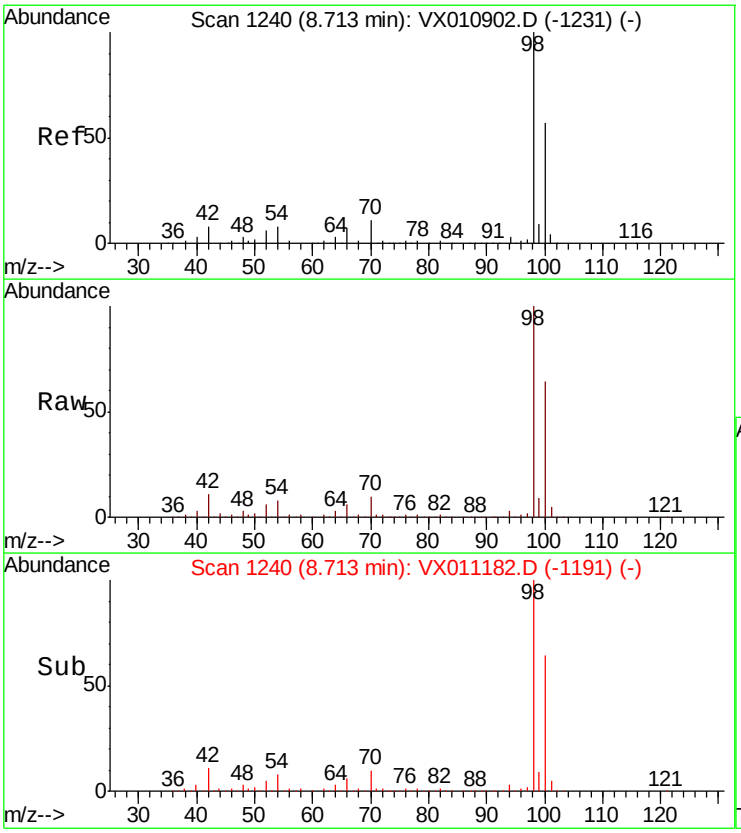
#49
1,4-Dioxane
Concen: 0.517 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	1665.5	49.8	74.8#

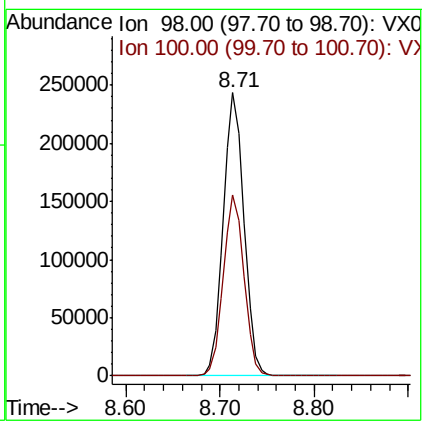


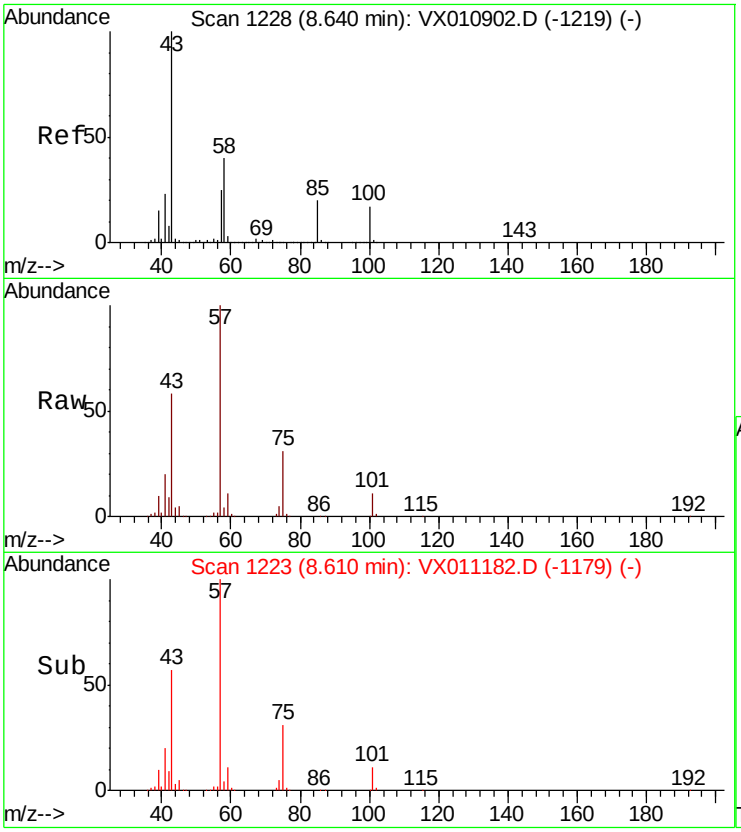


#50
Toluene-d8
Concen: 52.633 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 98 Resp: 372919

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	75.8



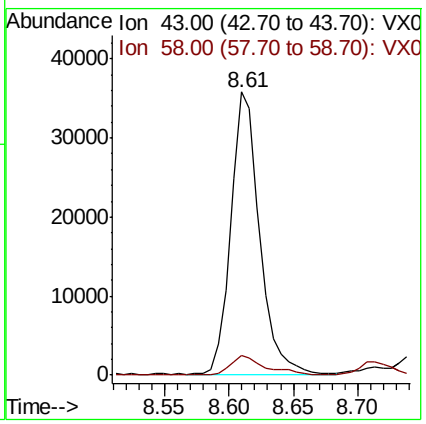


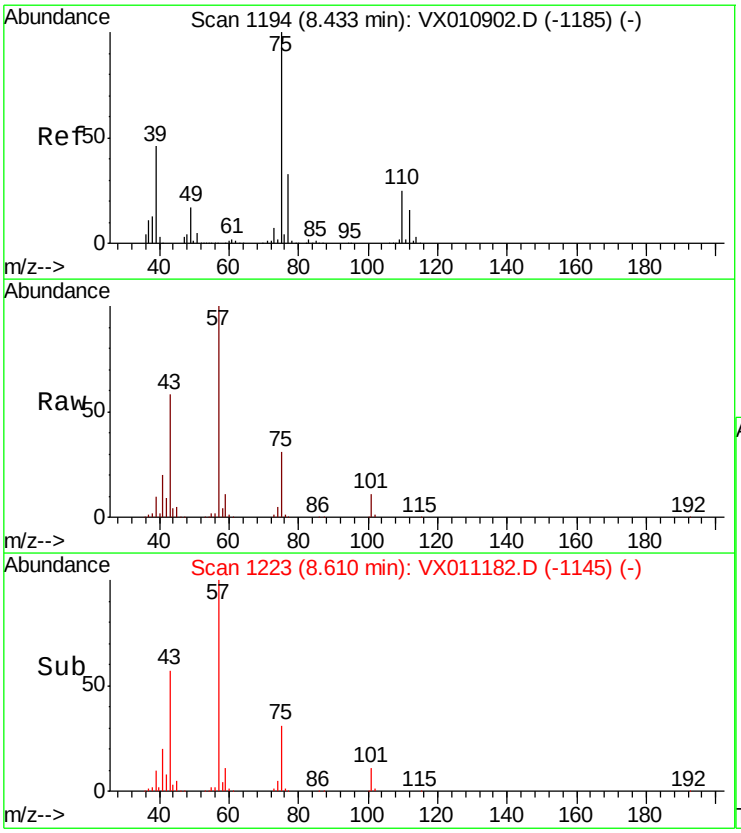
#51
4-Methyl-2-Pentanone
Concen: 20.637 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 43 Resp: 55067

Ion	Ratio	Lower	Upper
43	100		
58	8.9	32.2	48.4#

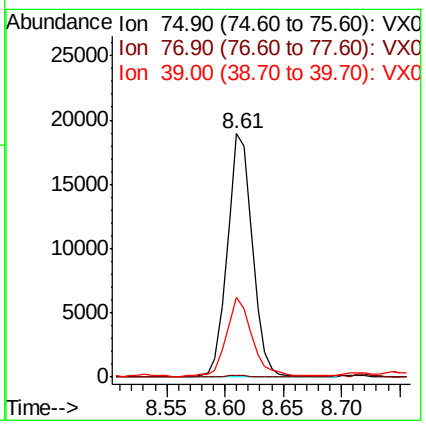


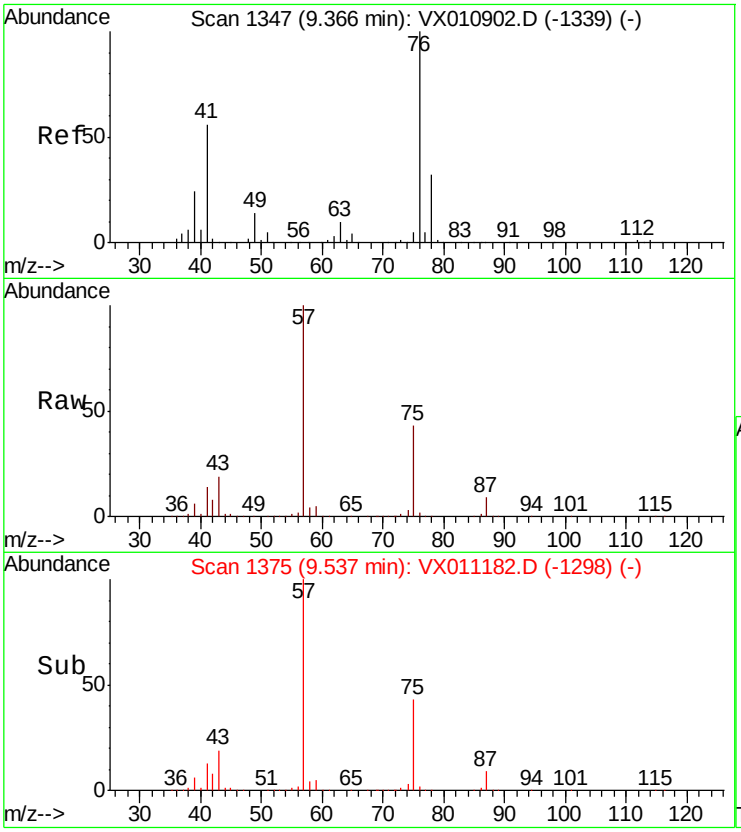


#54
cis-1,3-Dichloropropene
Concen: 9.752 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 75 Resp: 28289

Ion	Ratio	Lower	Upper
75	100		
77	0.9	26.1	39.1#
39	32.3	36.6	54.8#



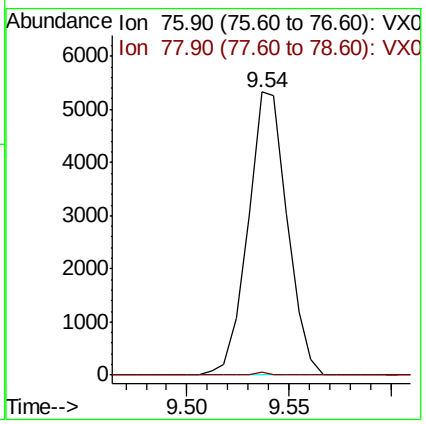


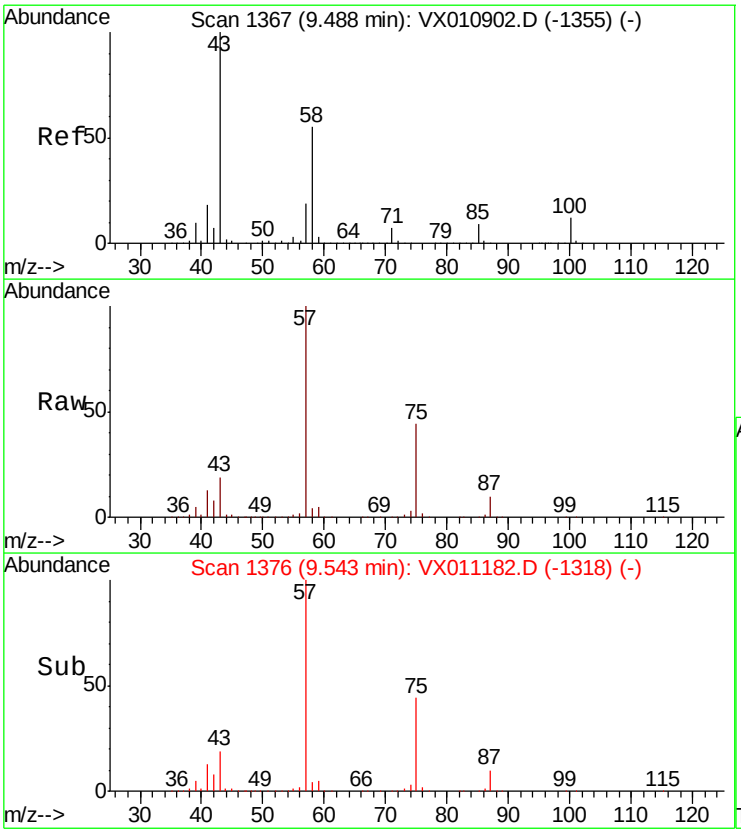
#57
1,3-Dichloropropane
Concen: 2.216 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 76 Resp: 7120

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#

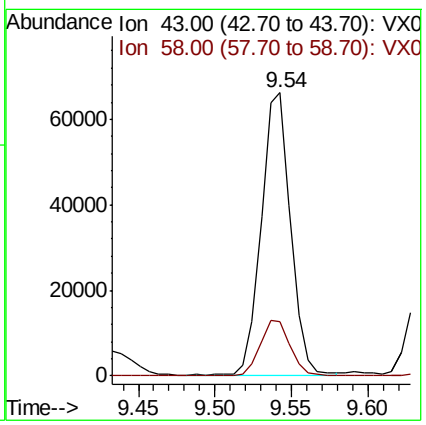


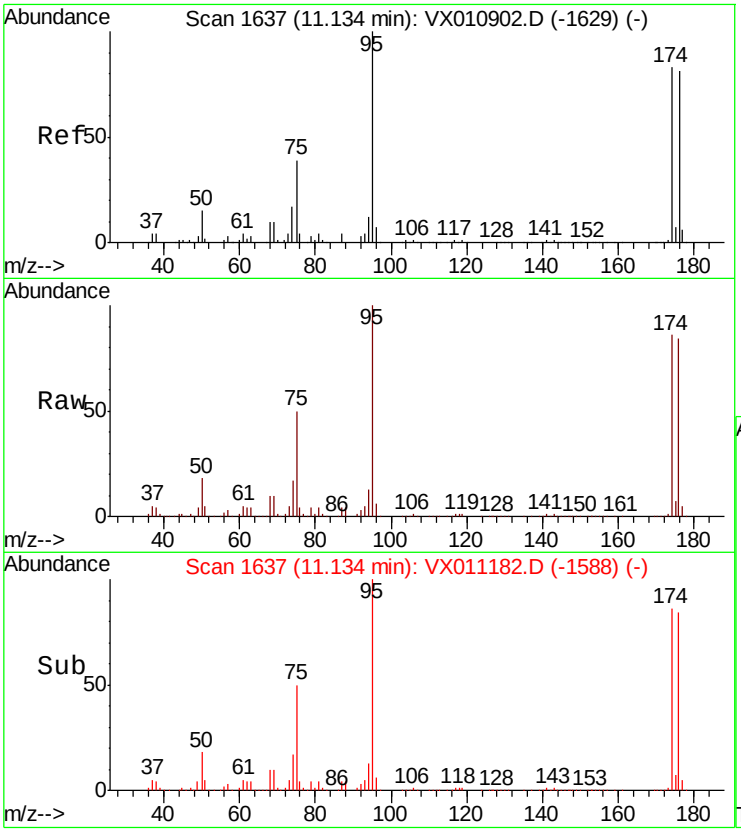


#59
2-Hexanone
Concen: 42.521 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 43 Resp: 88001

Ion	Ratio	Lower	Upper
43	100		
58	20.9	28.0	83.9#



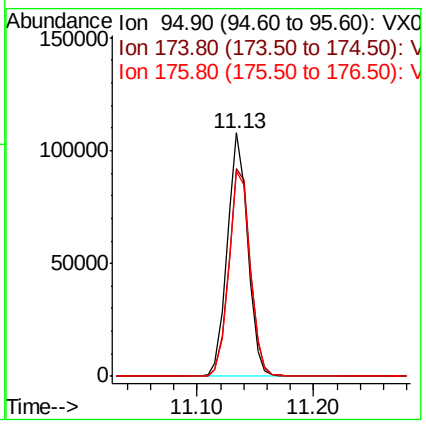


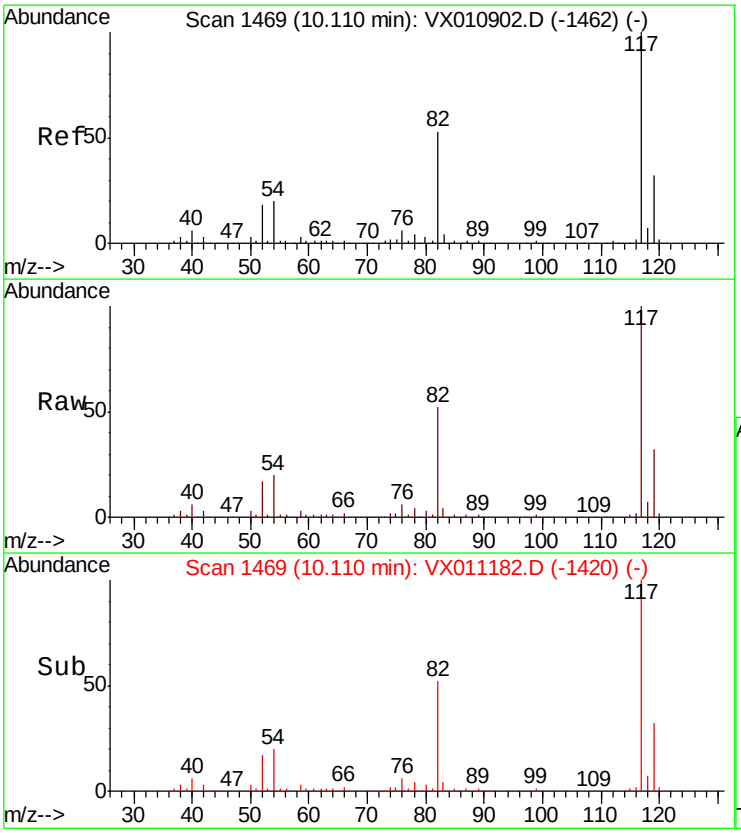
#62
4-Bromofluorobenzene
Concen: 50.464 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 95 Resp: 131425

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	180.6
176	88.3	0.0	173.8

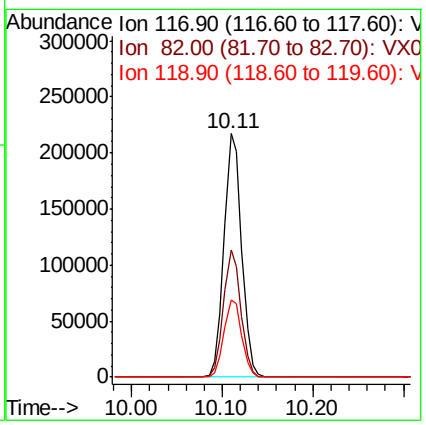


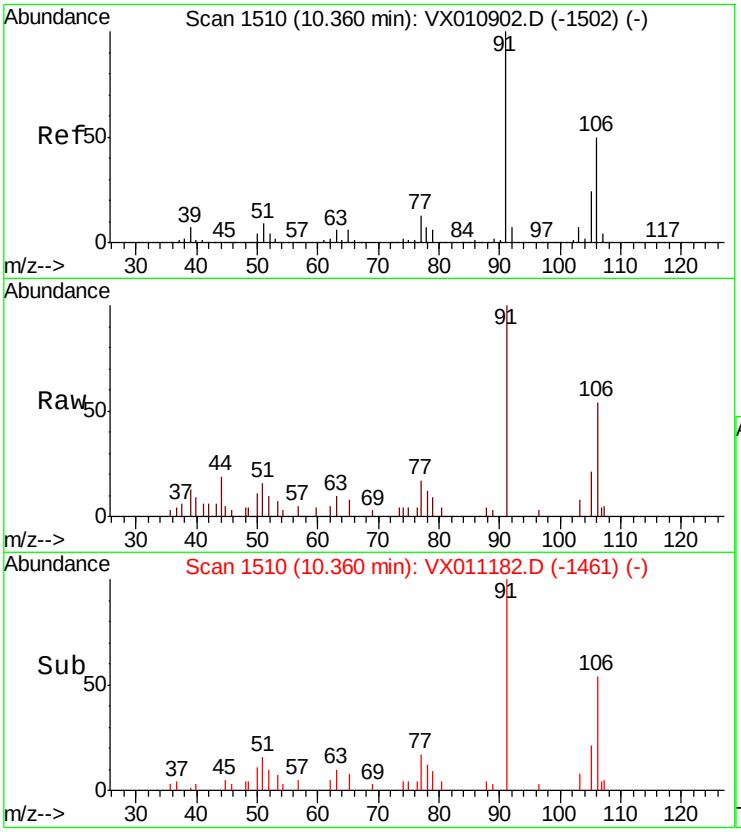


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion:117 Resp: 293473

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	31.6	25.9	38.9



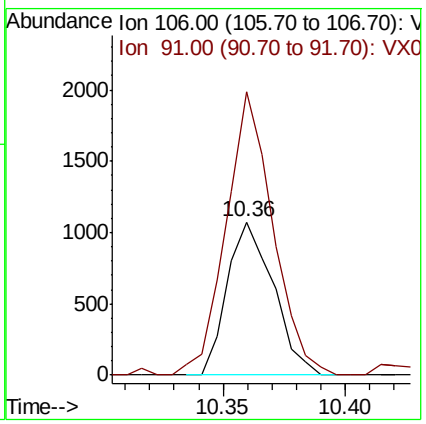


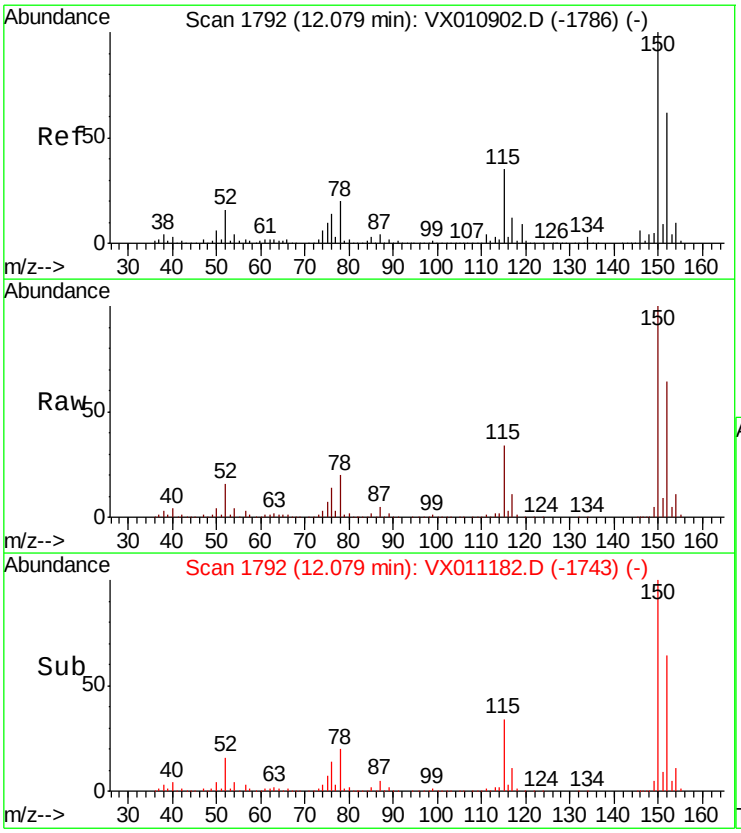
#68
m/p-Xylenes
Concen: 0.358 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion:106 Resp: 1408

Ion	Ratio	Lower	Upper
106	100		
91	187.6	160.1	240.1

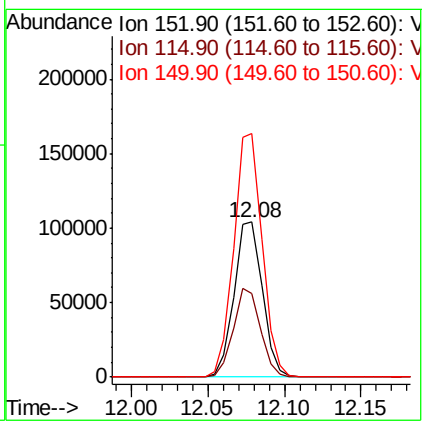


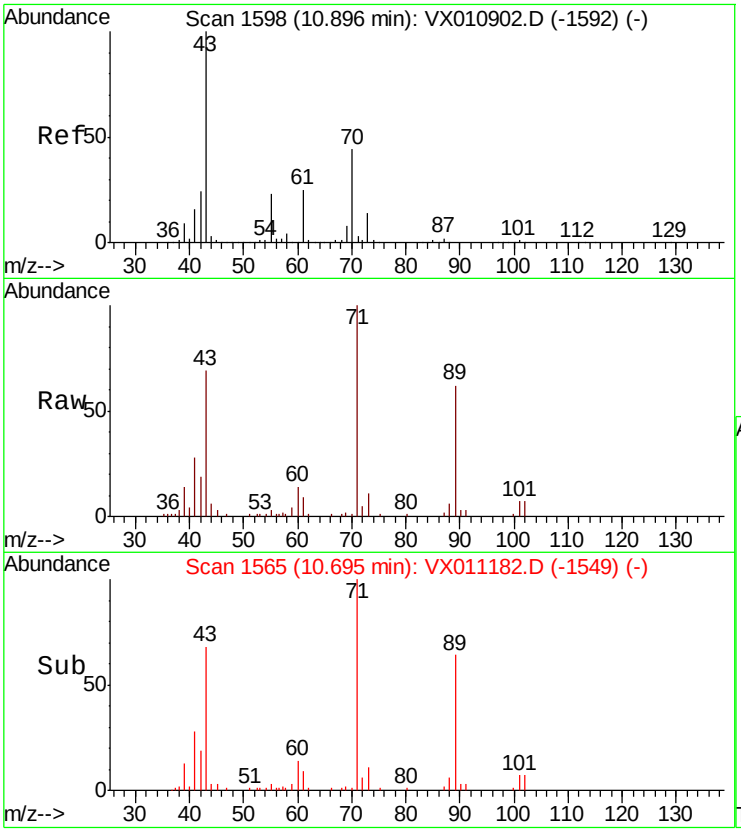


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion:152 Resp: 133438

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.7	119.1
150	157.1	0.0	345.6



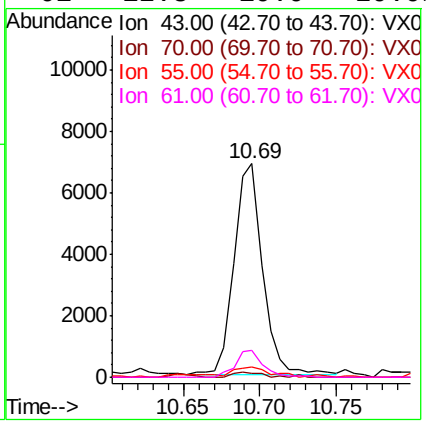


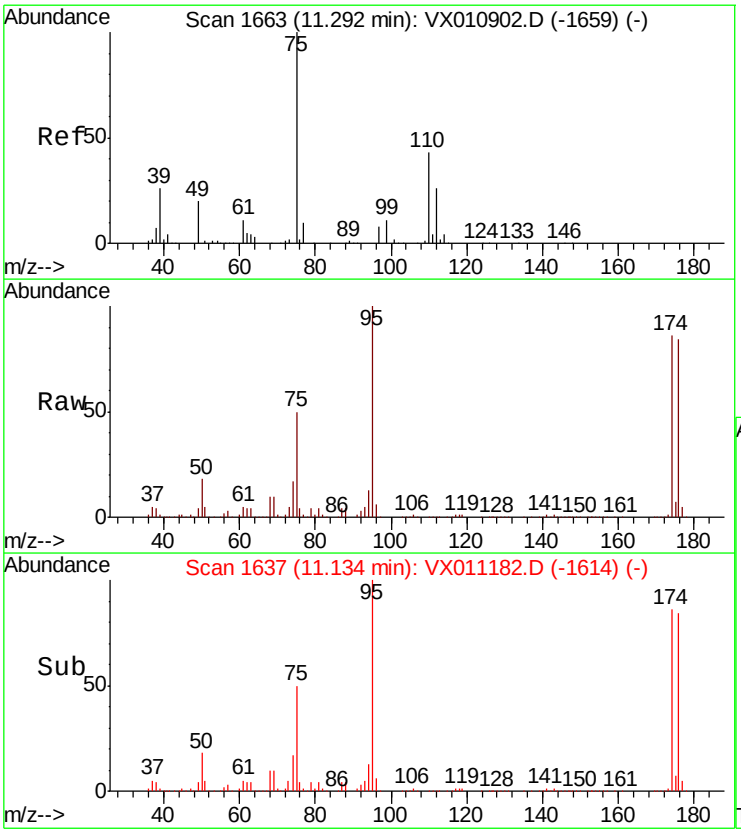
#74
N-amyl acetate
Concen: 2.542 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument : MSVOA_X
ClientSampleId : PB121753ZHE#05

Tgt Ion: 43 Resp: 8758

Ion	Ratio	Lower	Upper
43	100		
70	2.5	34.7	52.1#
55	8.3	19.1	28.7#
61	12.8	19.9	29.9#

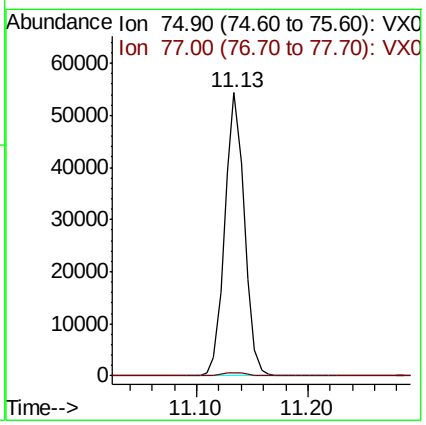


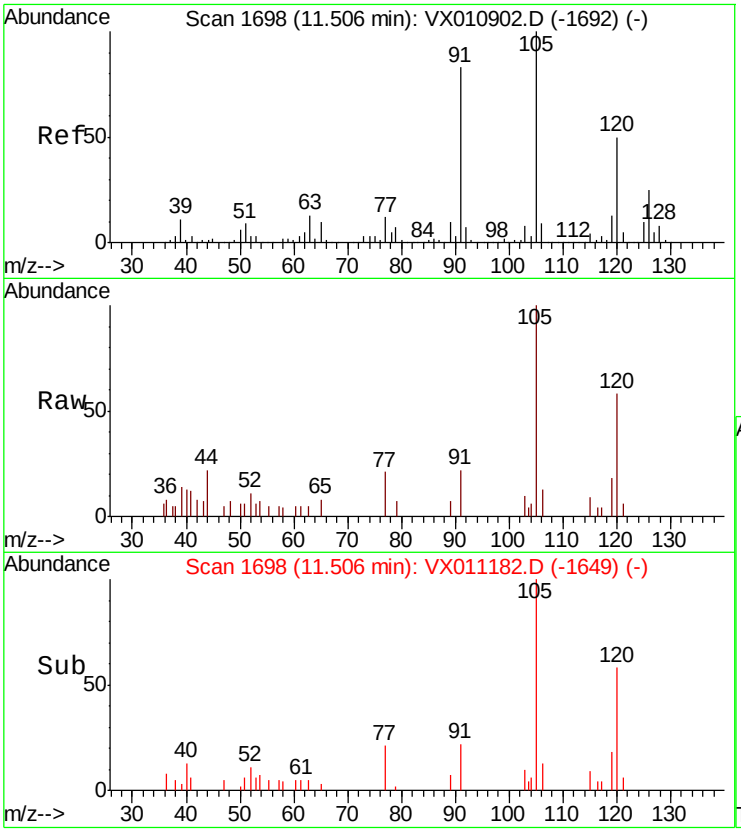


#76
1,2,3-Trichloropropane
Concen: 27.398 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 75 Resp: 65973

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	64.0#



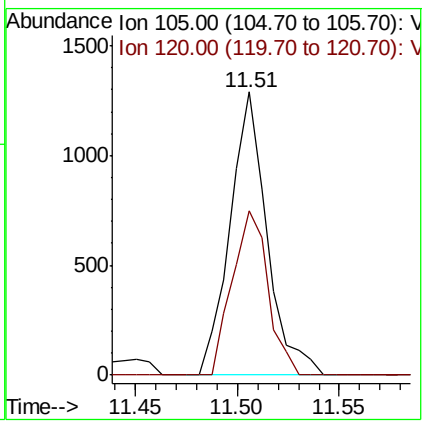


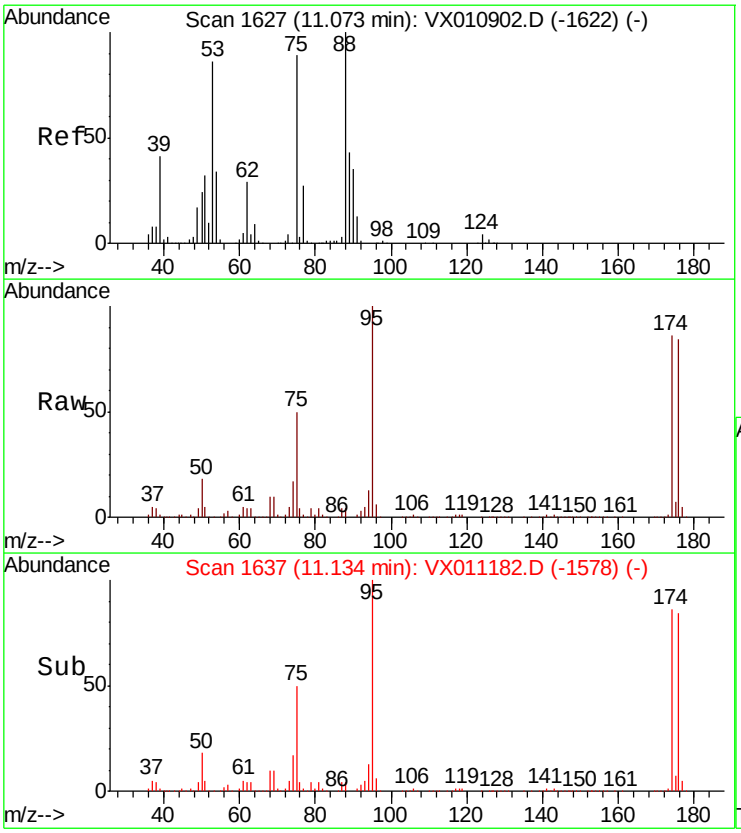
#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion:105 Resp: 1614

Ion	Ratio	Lower	Upper
105	100		
120	56.1	24.6	73.8

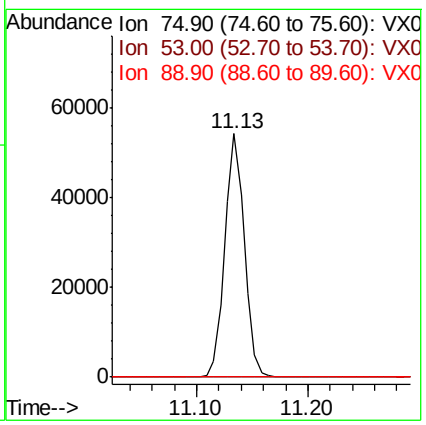


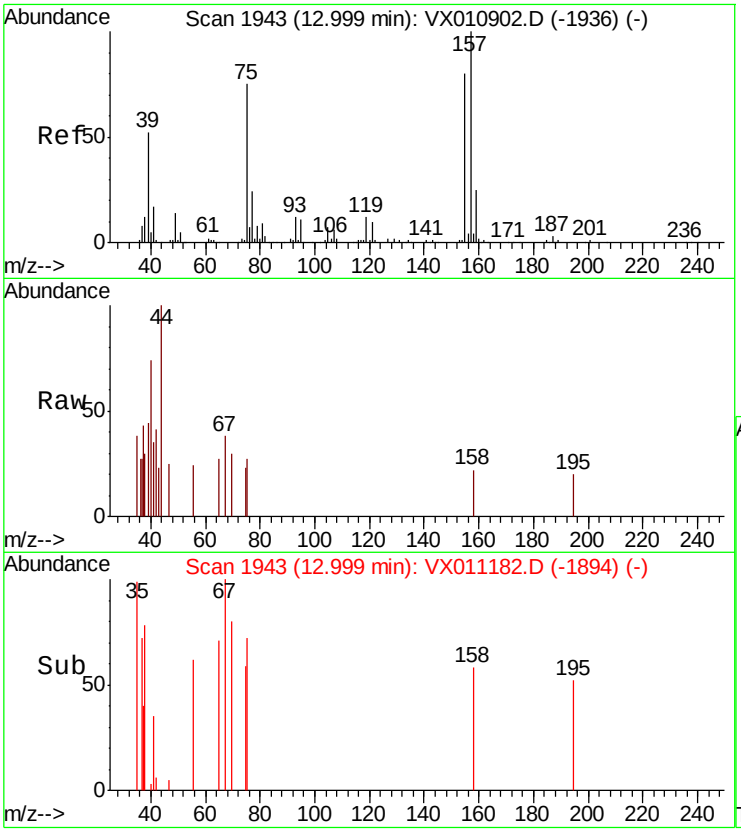


#81
trans-1,4-Dichloro-2-butene
Concen: 67.869 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Tgt Ion: 75 Resp: 65973

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.214 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX011182.D
Acq: 30 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
PB121753ZHE#05

Tgt Ion: 75 Resp: 132

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.7	146.1#
157	0.0	62.5	187.6#