Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011228.D
Acq On : 31 Jul 2019 04:58
Operator : JC/SP
Sample : PB121803ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121803ZHE#08

Quant Time: Jul 31 08:49:22 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	226662	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	329767	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	299643	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136695	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	112136	46.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.00%				
35) Dibromofluoromethane	5.50	113	96491	46.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.20%				
50) Toluene-d8	8.71	98	388076	49.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.86%				
62) 4-Bromofluorobenzene	11.13	95	127613	44.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	29	0.558	ug/l	#	43
5) Bromomethane	1.65	94	378	0.316	ug/l		97
8) Diethyl Ether	2.19	74	298	0.240	ug/l		55
11) Tert butyl alcohol	3.04	59	187	0.333	ug/l	#	73
13) Acrolein	2.29	56	97	0.299	ug/l	#	15
16) Acetone	2.44	43	4573	4.199	ug/l		96
18) Methyl Acetate	2.78	43	1508	0.608	ug/l		92
20) Methylene Chloride	2.85	84	2396	1.038	ug/l		91
25) 2-Butanone	4.70	43	1460	0.934	ug/l		90
29) Tetrahydrofuran	5.15	42	567	0.573	ug/l	#	56
36) 1,1-Dichloropropene	5.66	75	15445	5.702	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	21046	7.456	ug/l	#	18
43) Isopropyl Acetate	6.45	43	11604	2.544	ug/l		99
48) Methyl methacrylate	7.68	41	4917	2.213	ug/l	#	10
49) 1,4-Dioxane	7.87	88	173	2.784	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	56340	19.057	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	27997	8.711	ug/l	#	64
57) 1,3-Dichloropropane	9.54	76	6896	1.937	ug/l	#	43
59) 2-Hexanone	9.54	43	89510	39.035	ug/l	#	51
76) 1,2,3-Trichloropropane	11.13	75	65904	26.717	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	5237	0.679	ug/l		92
81) trans-1,4-Dichloro-2-buten	11.13	75	65904	66.281	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.97	75	171	0.271	ug/l	#	1

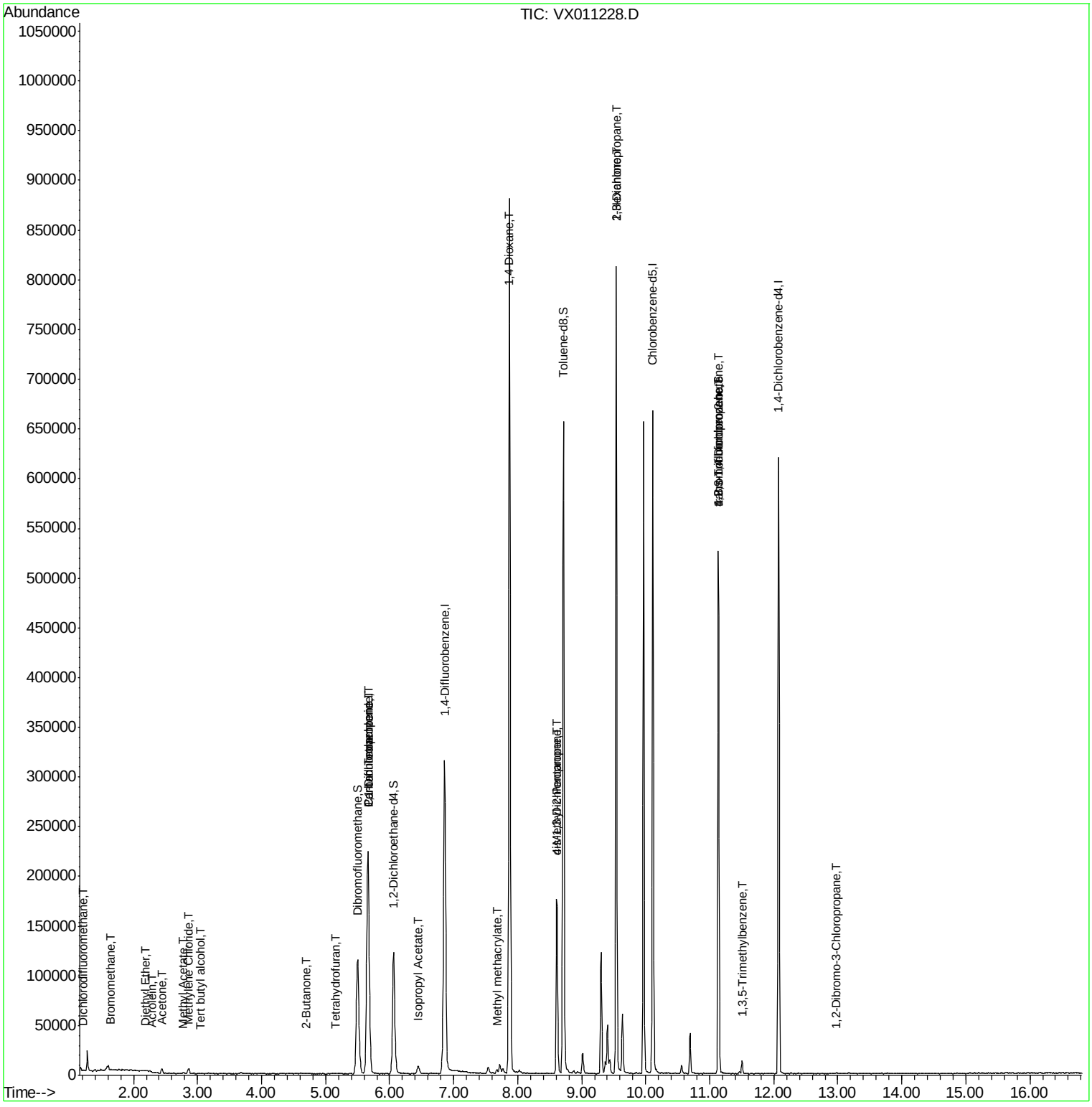
(#) = qualifier out of range (m) = manual integration (+) = signals summed

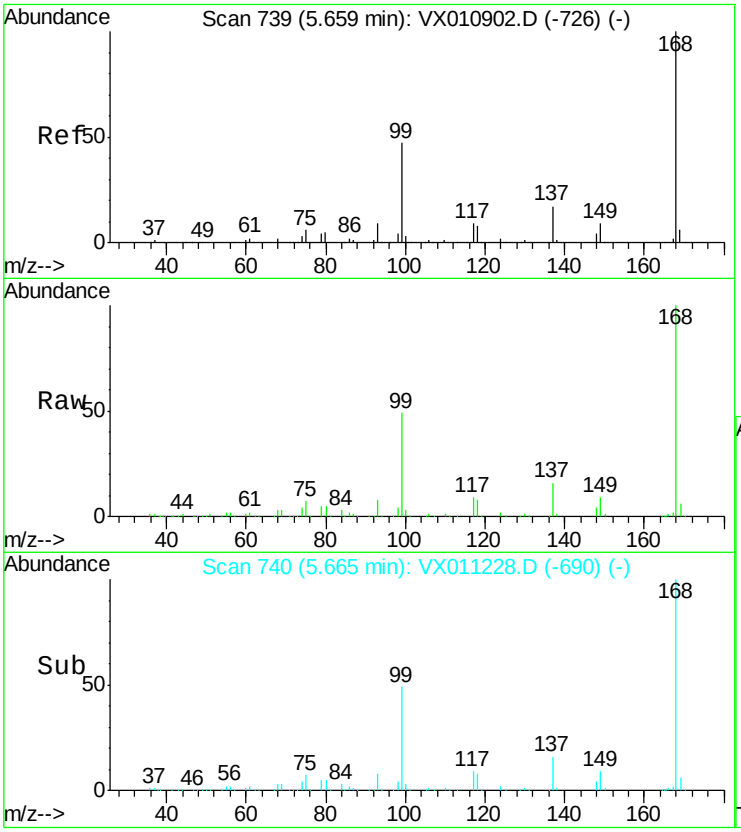
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011228.D
Acq On : 31 Jul 2019 04:58
Operator : JC/SP
Sample : PB121803ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Quant Time: Jul 31 08:49:22 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



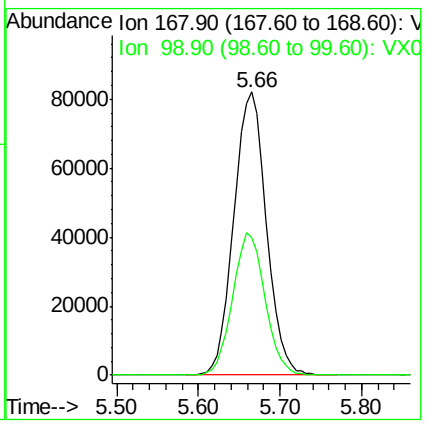


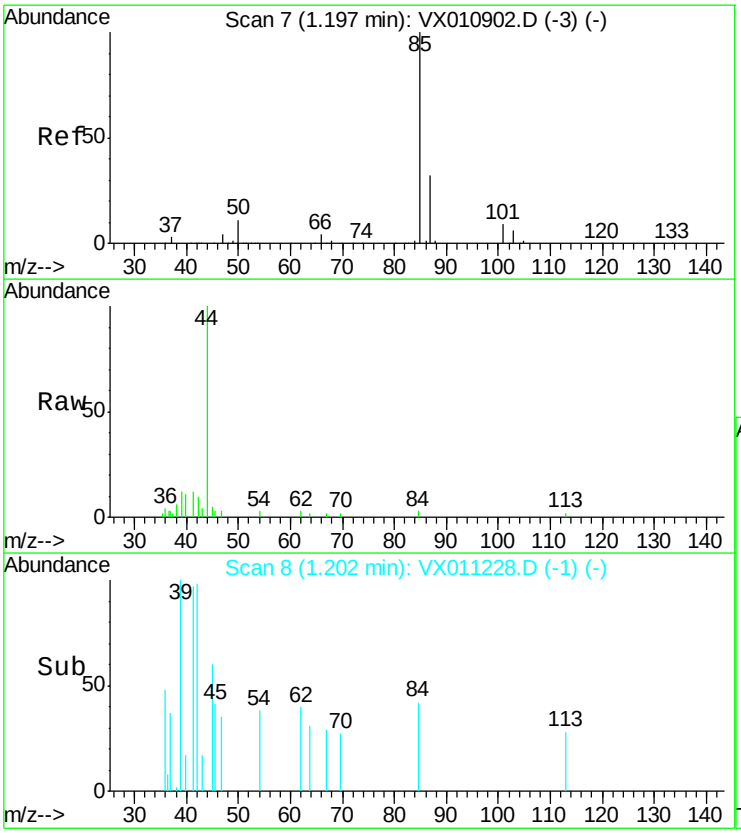
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion:168 Resp: 226662

Ion	Ratio	Lower	Upper
168	100		
99	48.5	37.6	56.4

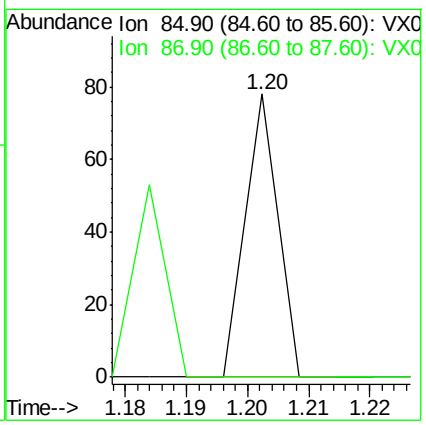


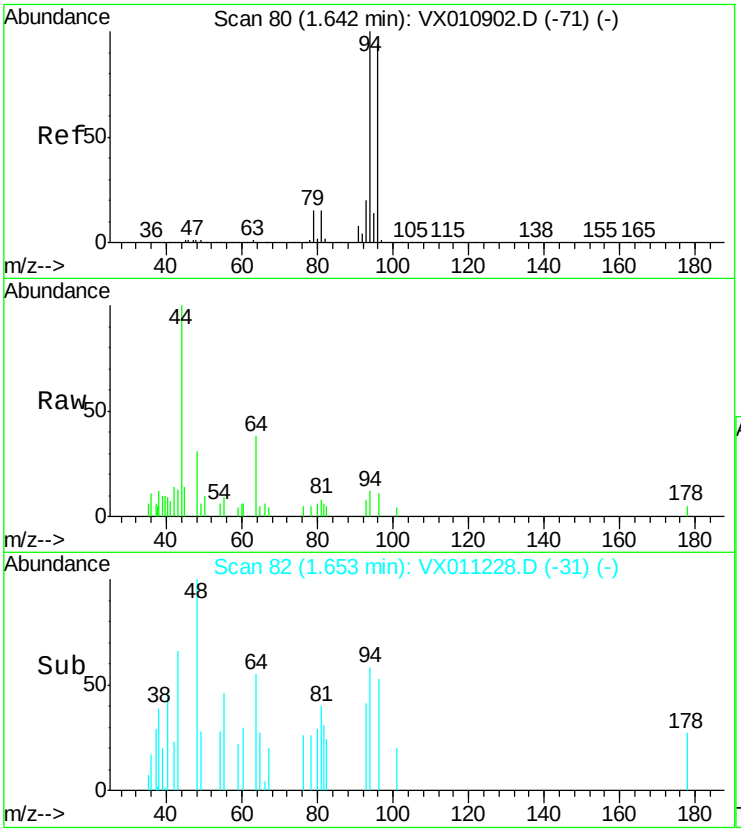


#2
Dichlorodifluoromethane
Concen: 0.558 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 85 Resp: 29

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



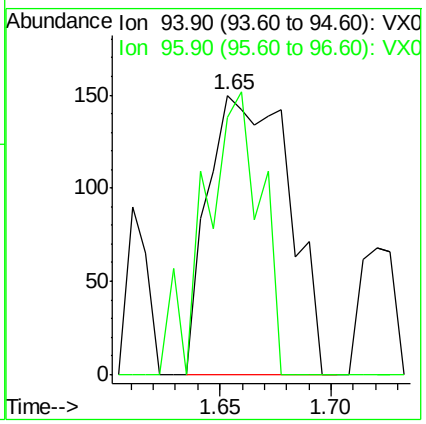


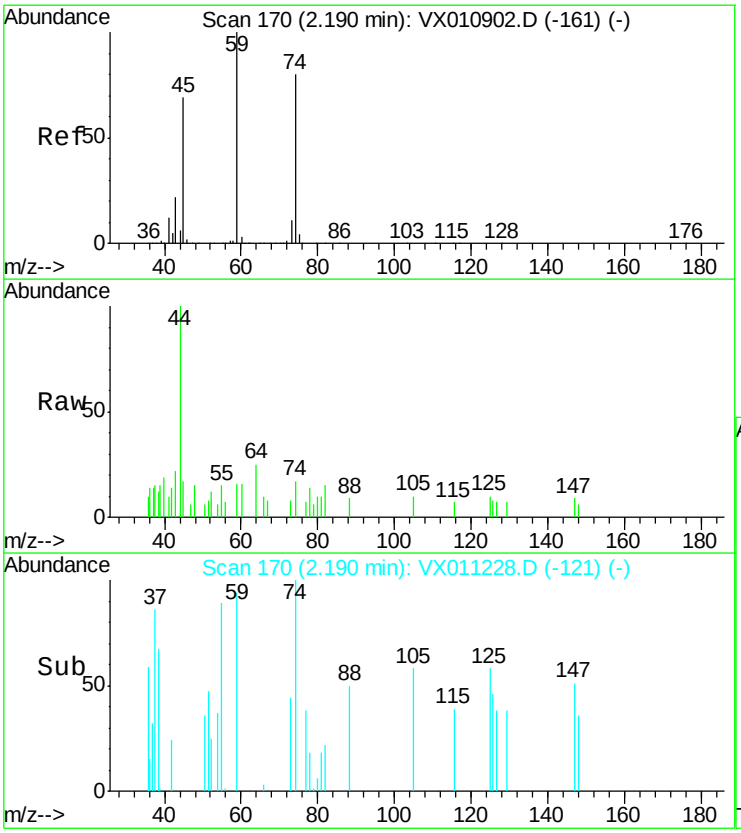
#5
Bromomethane
Concen: 0.316 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 94 Resp: 378

Ion	Ratio	Lower	Upper
94	100		
96	92.0	75.6	113.4

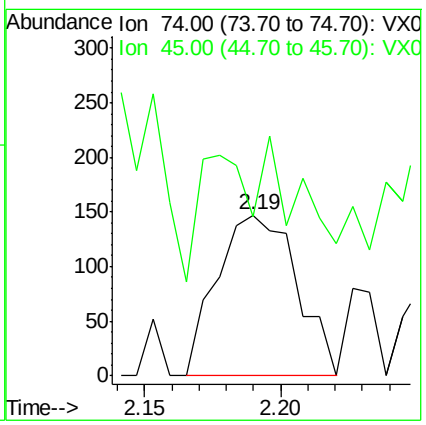


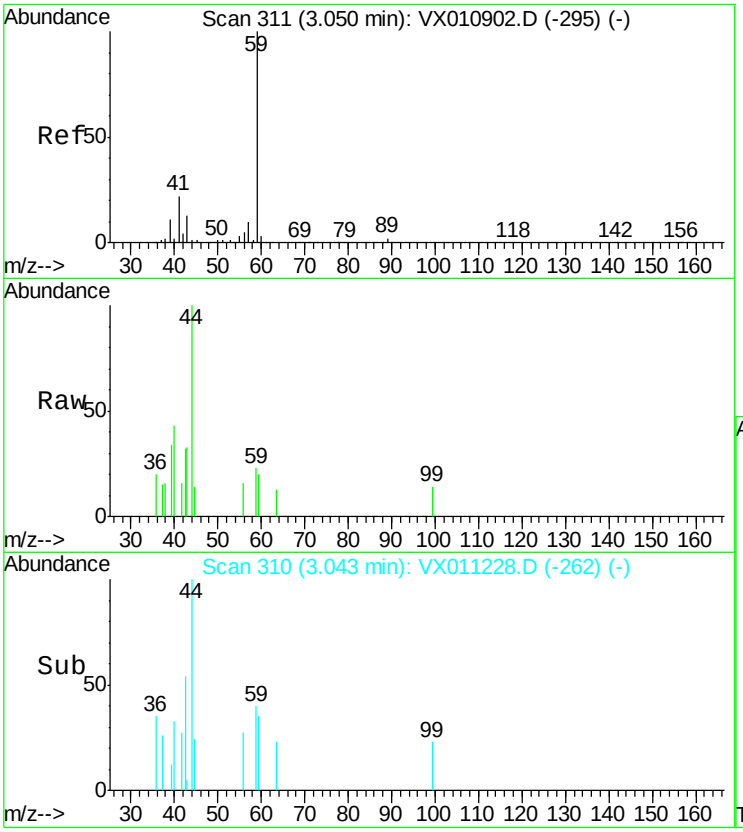


#8
Diethyl Ether
Concen: 0.240 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 74 Resp: 298

Ion	Ratio	Lower	Upper
74	100		
45	48.3	45.5	136.5



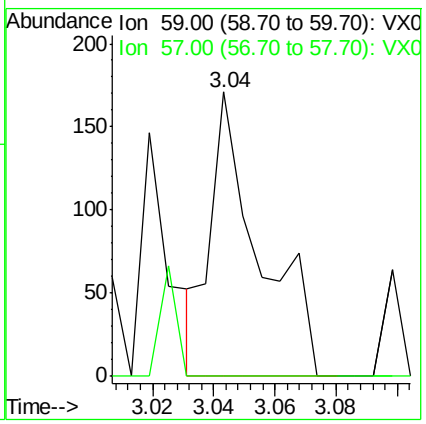


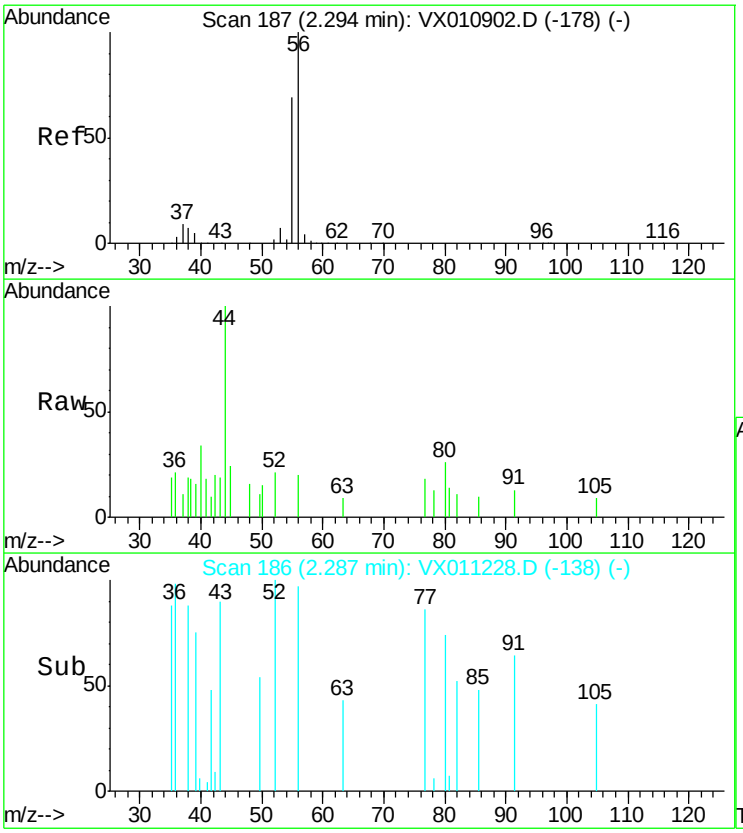
#11
Tert butyl alcohol
Concen: 0.333 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 59 Resp: 187

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

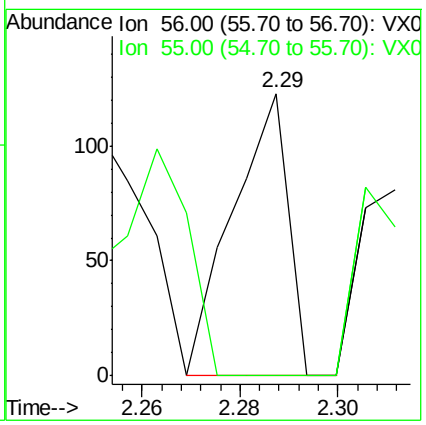


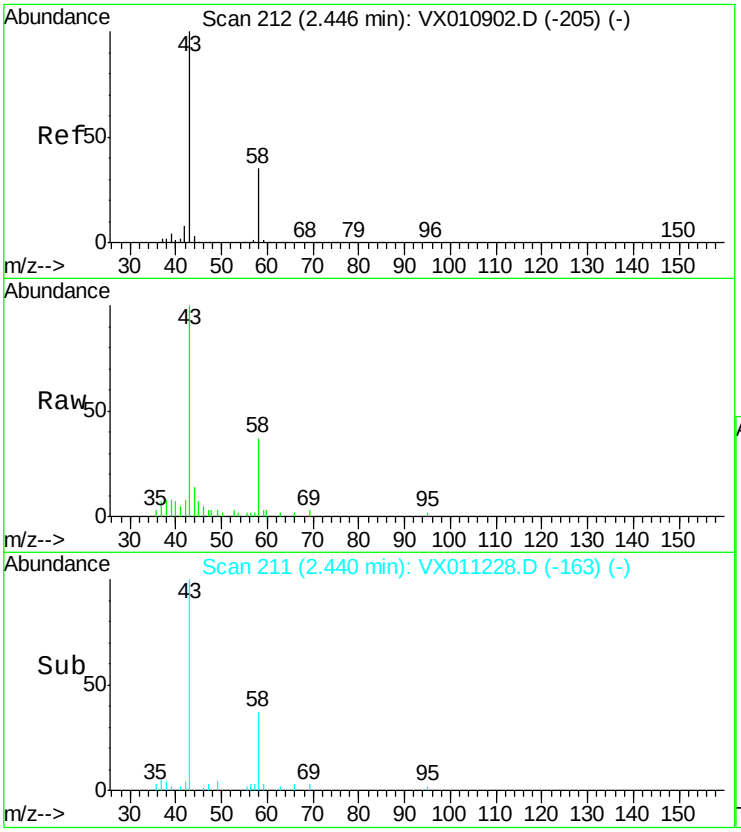


#13
Acrolein
Concen: 0.299 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 56 Resp: 97

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#



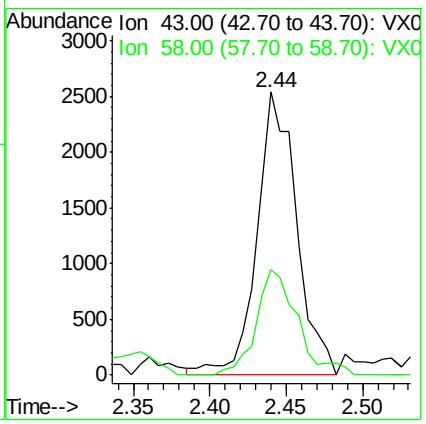


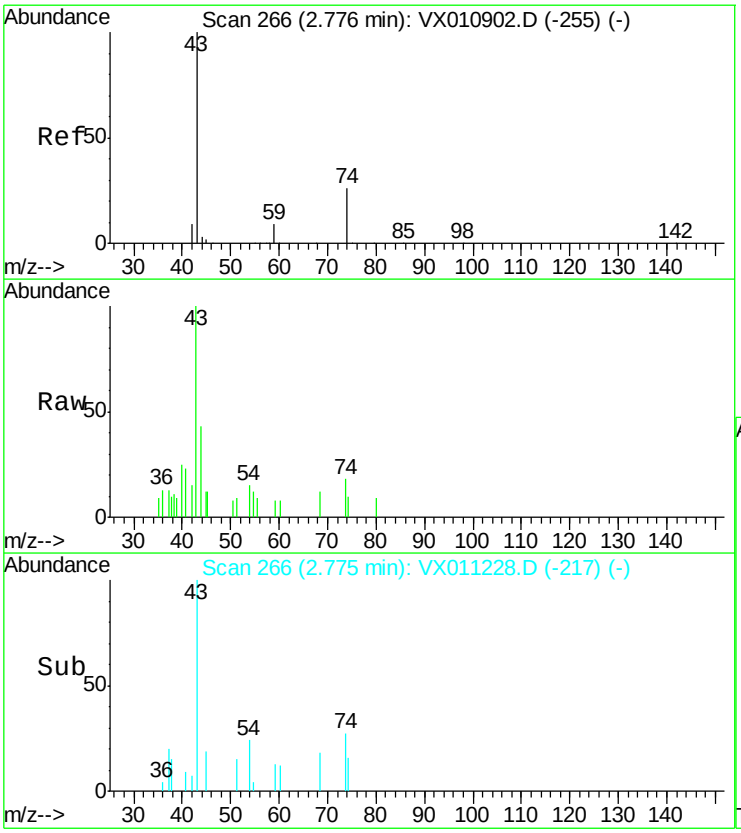
#16
Acetone
Concen: 4.199 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 43 Resp: 4573

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.7	41.5

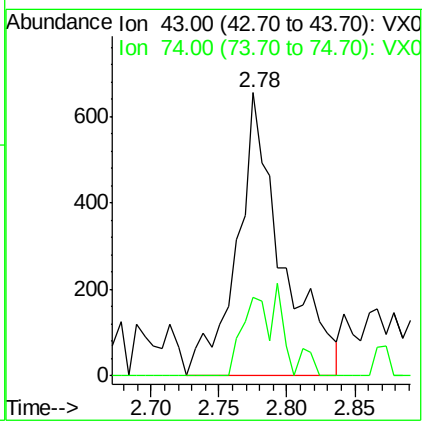


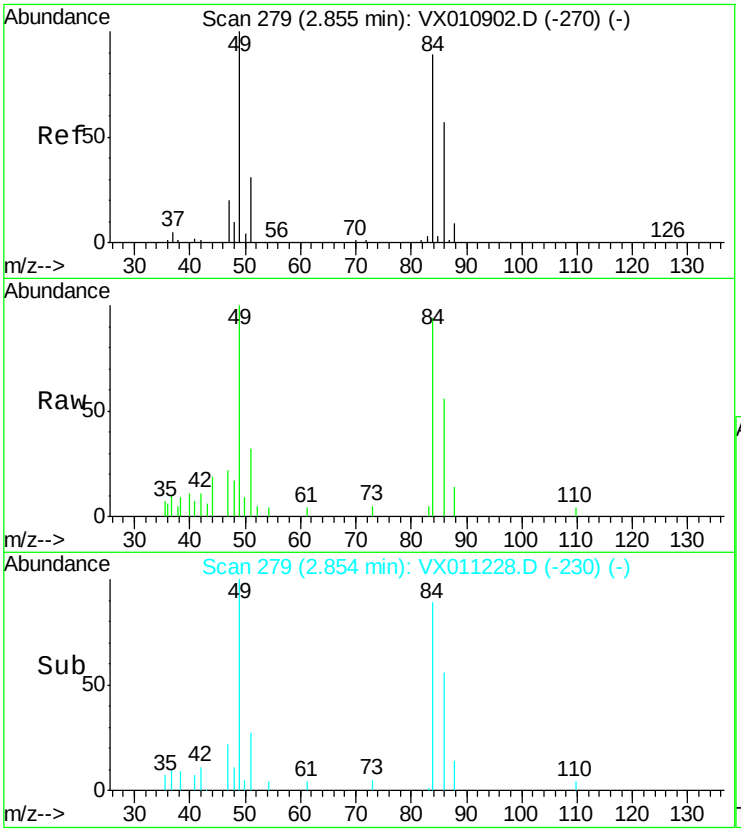


#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 43 Resp: 1508

Ion	Ratio	Lower	Upper
43	100		
74	22.5	21.5	32.3



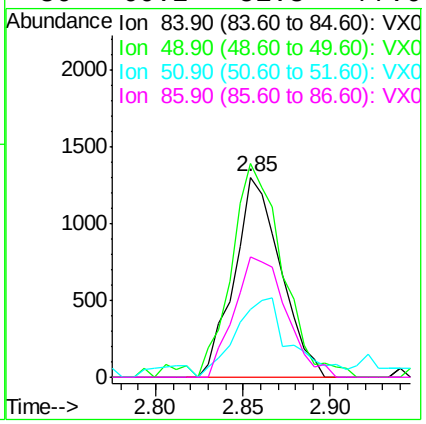


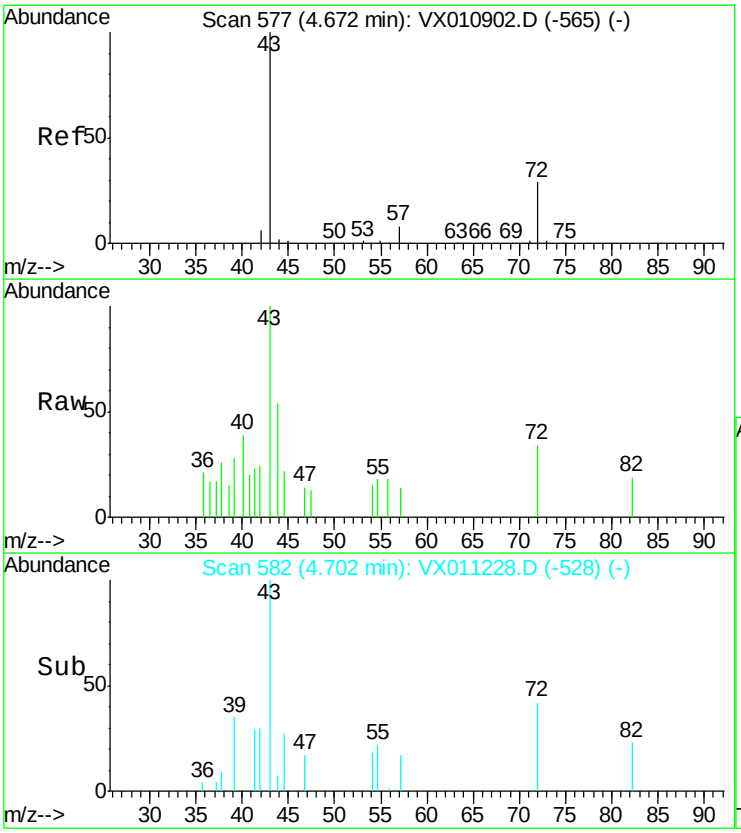
#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 84 Resp: 2396

Ion	Ratio	Lower	Upper
84	100		
49	101.8	89.9	134.9
51	27.9	27.8	41.6
86	60.2	51.8	77.6

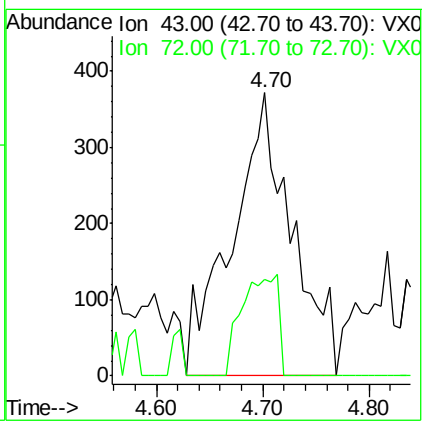


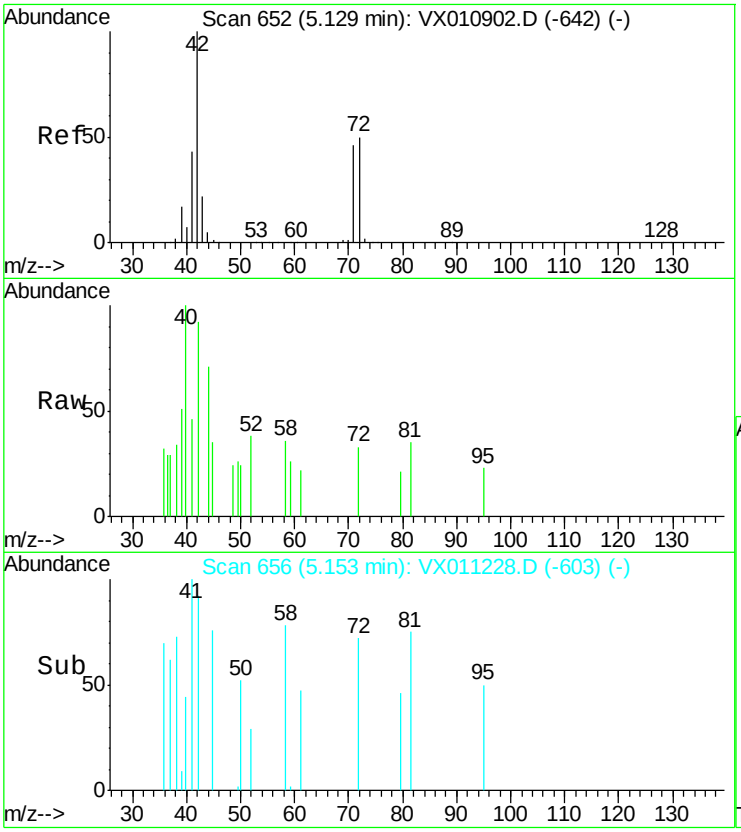


#25
2-Butanone
Concen: 0.934 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 43 Resp: 1460

Ion	Ratio	Lower	Upper
43	100		
72	34.1	23.0	34.6



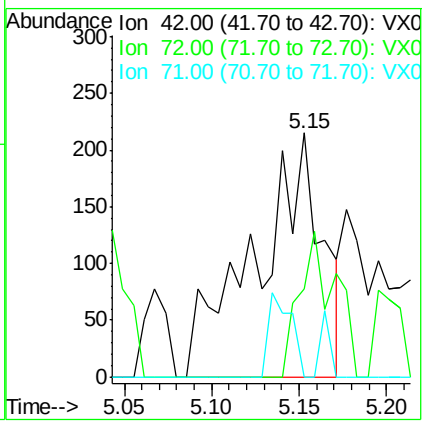


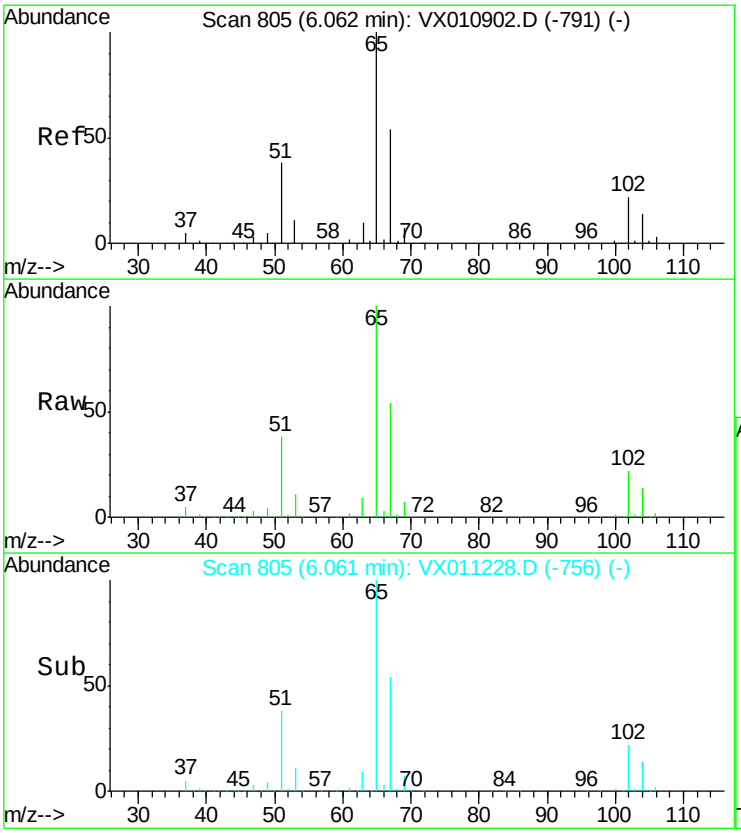
#29
Tetrahydrofuran
Concen: 0.573 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 42 Resp: 567

Ion	Ratio	Lower	Upper
42	100		
72	32.1	39.8	59.8#
71	3.7	37.0	55.4#

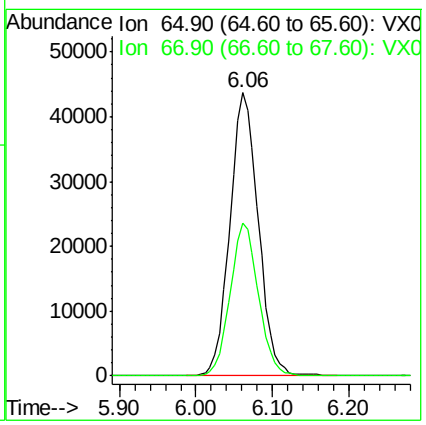


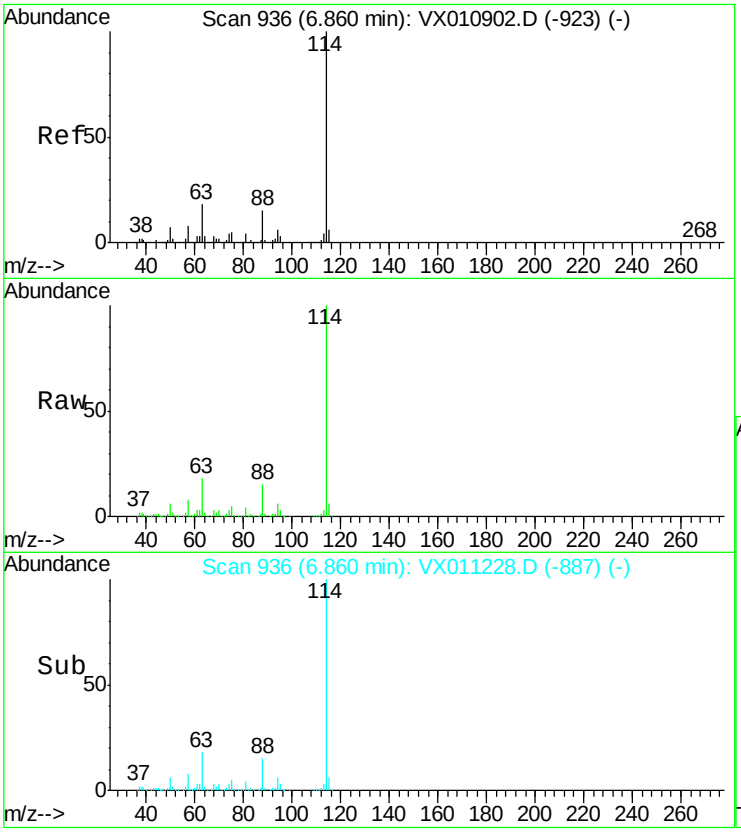


#33
1,2-Dichloroethane-d4
Concen: 46.504 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 65 Resp: 112136

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.8



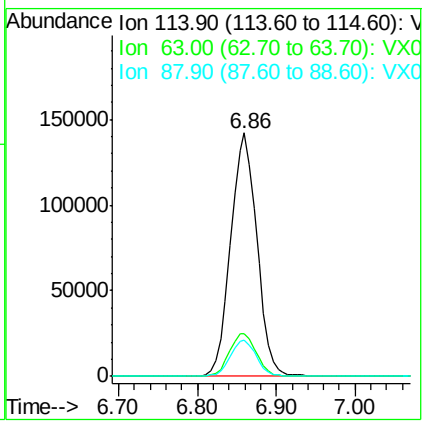


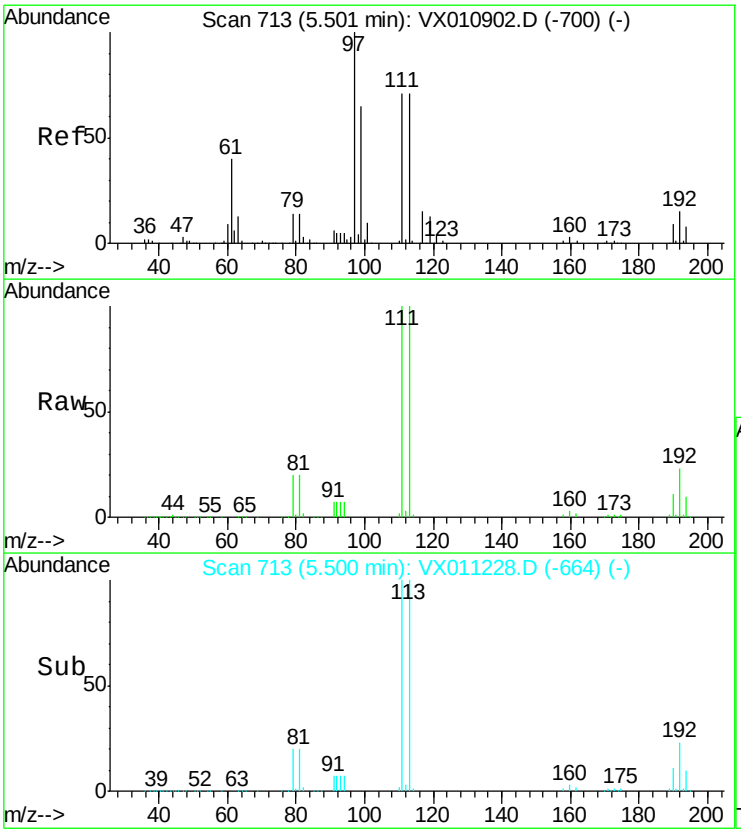
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion:114 Resp: 329767

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.7	0.0	29.8

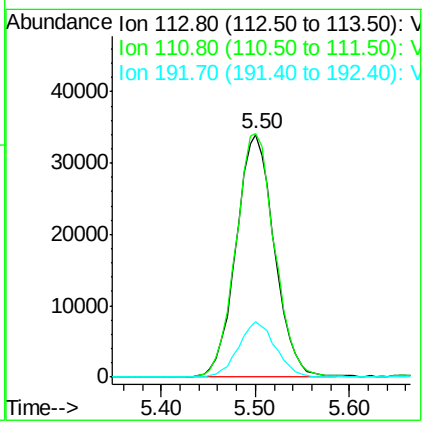


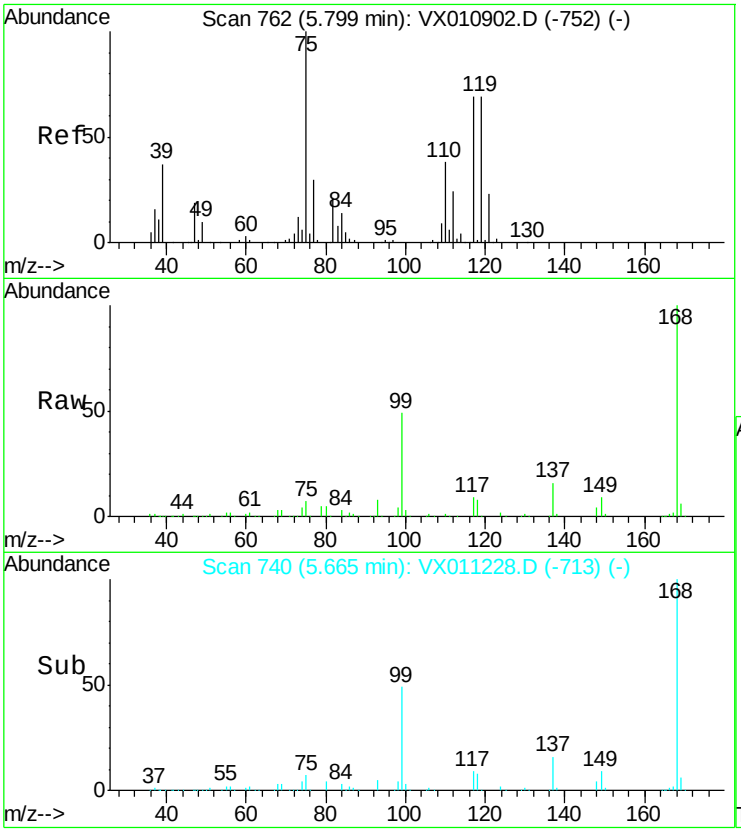


#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion:113 Resp: 96491

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.1	17.4	26.2



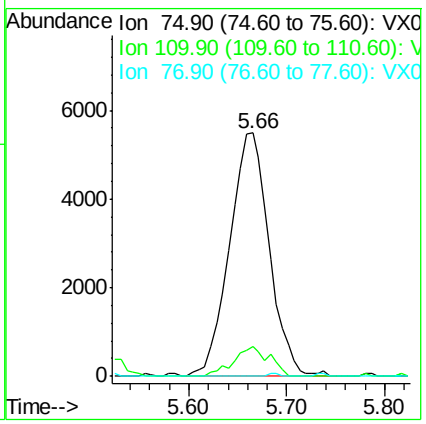


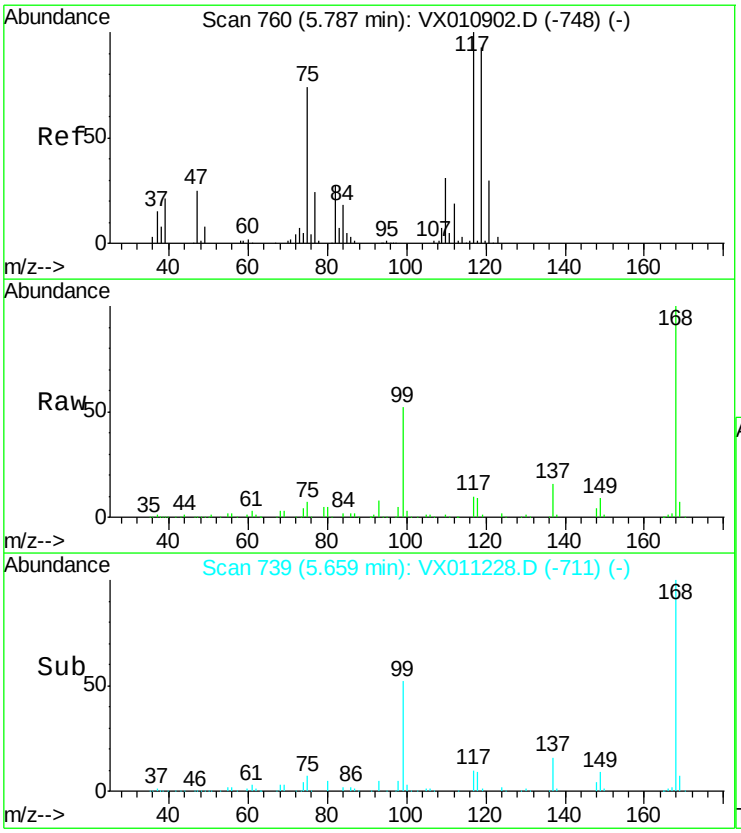
#36
1,1-Dichloropropene
Concen: 5.702 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 75 Resp: 15445

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.9	59.7#
77	0.0	25.0	37.4#

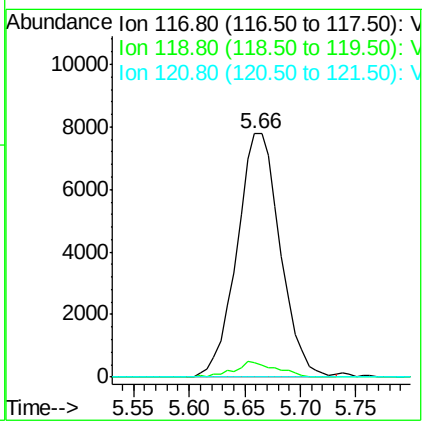


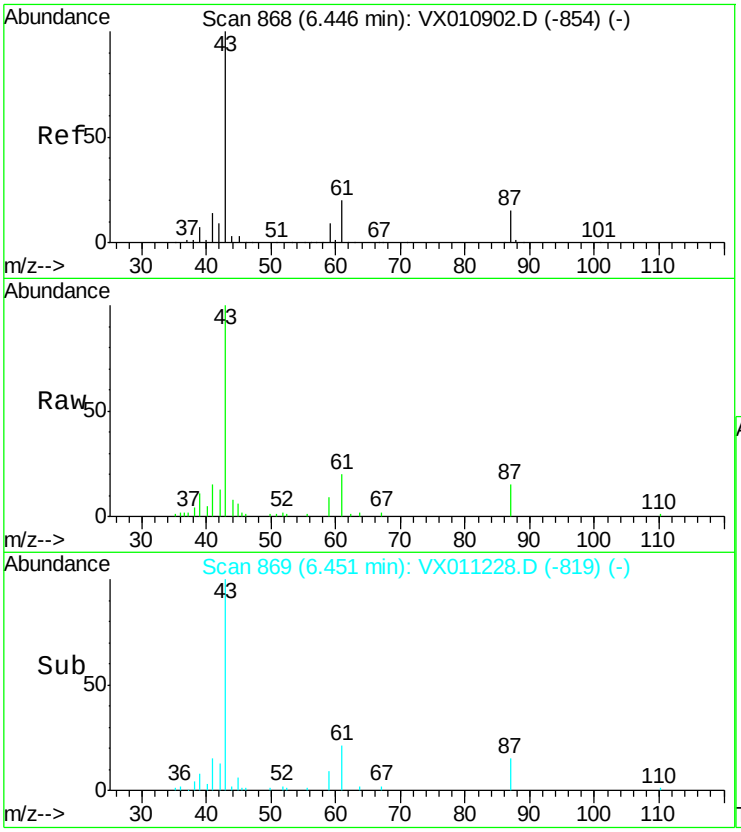


#38
Carbon Tetrachloride
Concen: 7.456 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion:117 Resp: 21046

Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.2	111.2#
121	0.0	24.2	36.2#



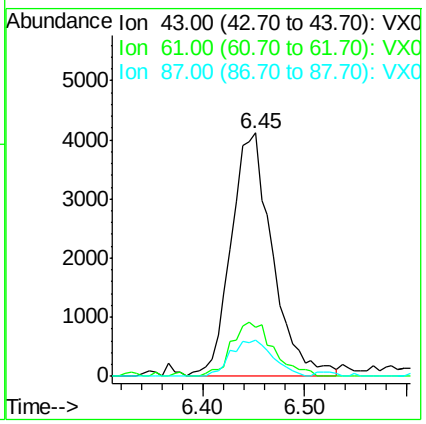


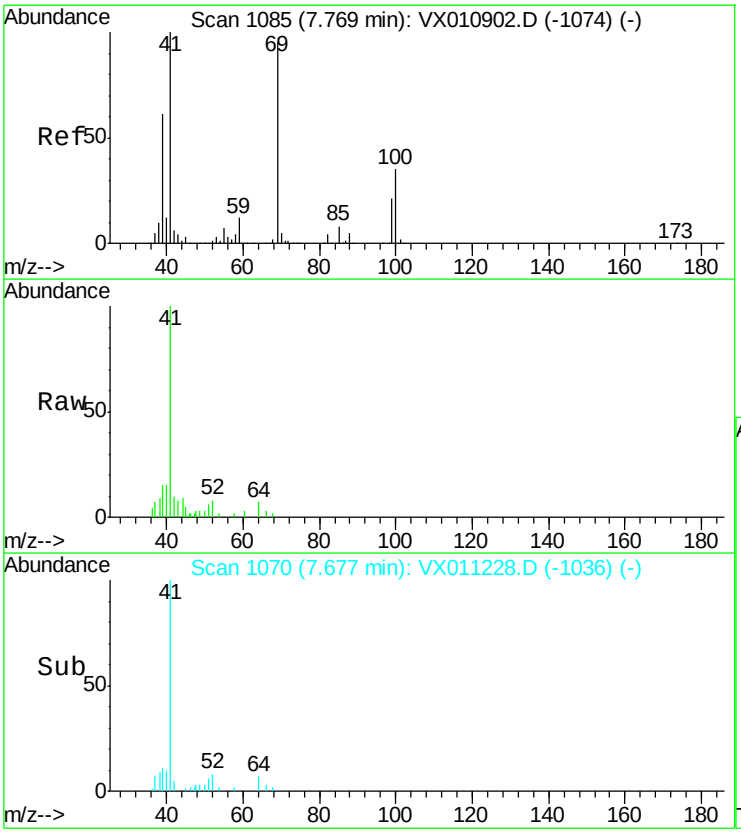
#43
Isopropyl Acetate
Concen: 2.544 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 43 Resp: 11604

Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.1	25.7
87	15.1	12.0	18.0

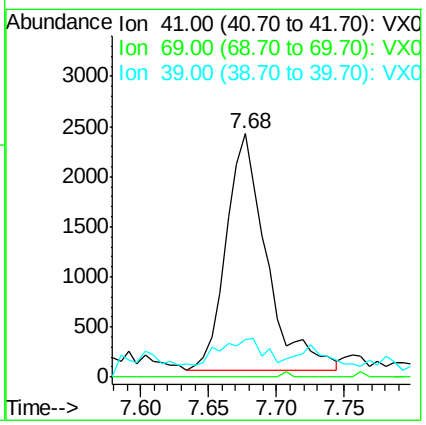


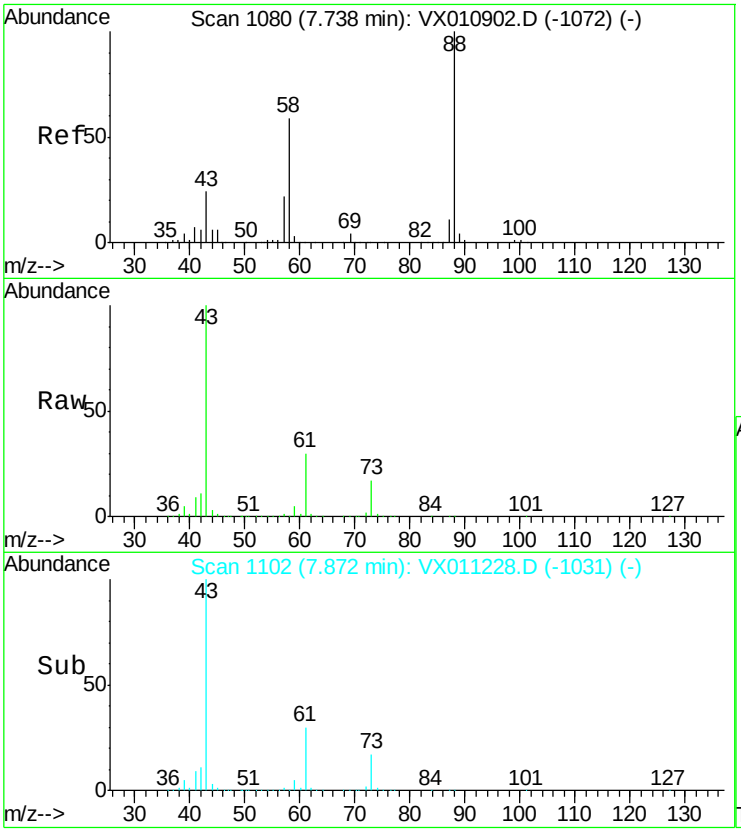


#48
Methyl methacrylate
Concen: 2.213 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 41 Resp: 4917

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



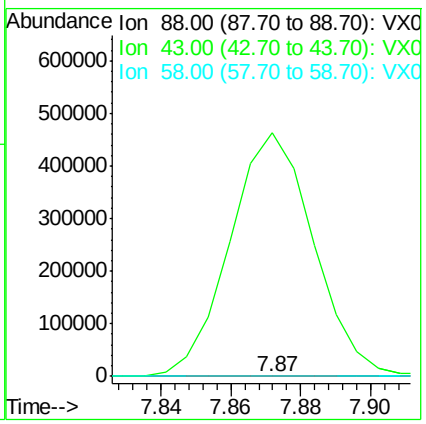


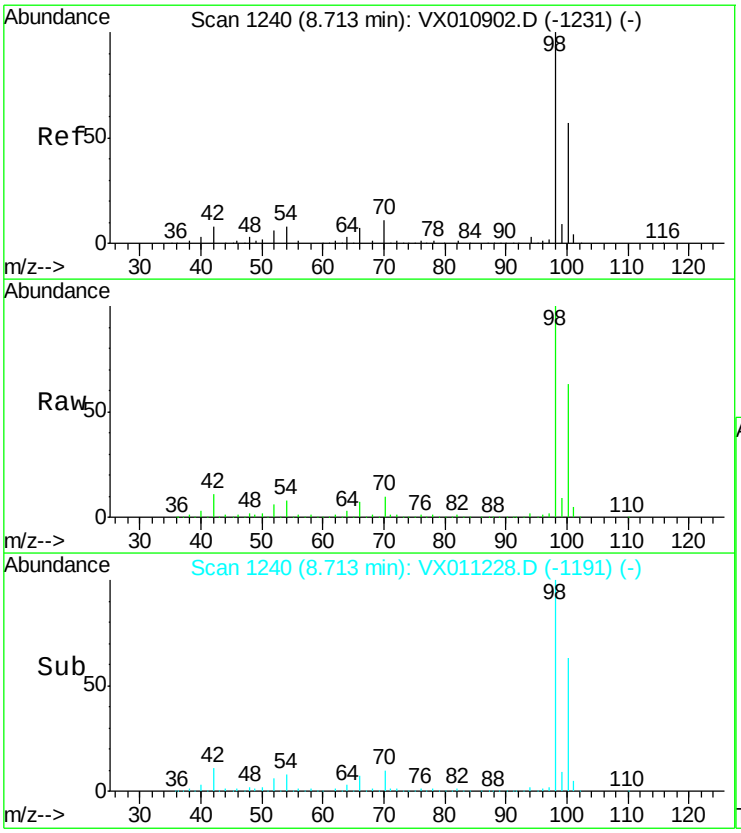
#49
1,4-Dioxane
Concen: 2.784 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 88 Resp: 173

Ion	Ratio	Lower	Upper
88	100		
43	450256.1	22.9	34.3#
58	2220.2	49.8	74.8#

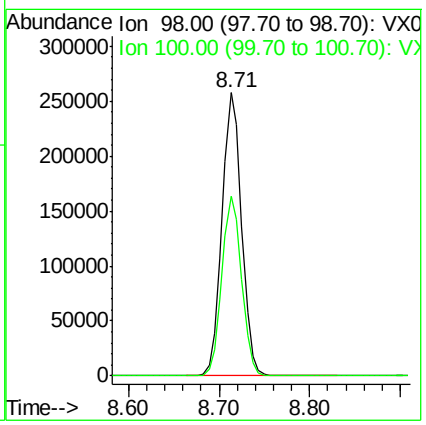


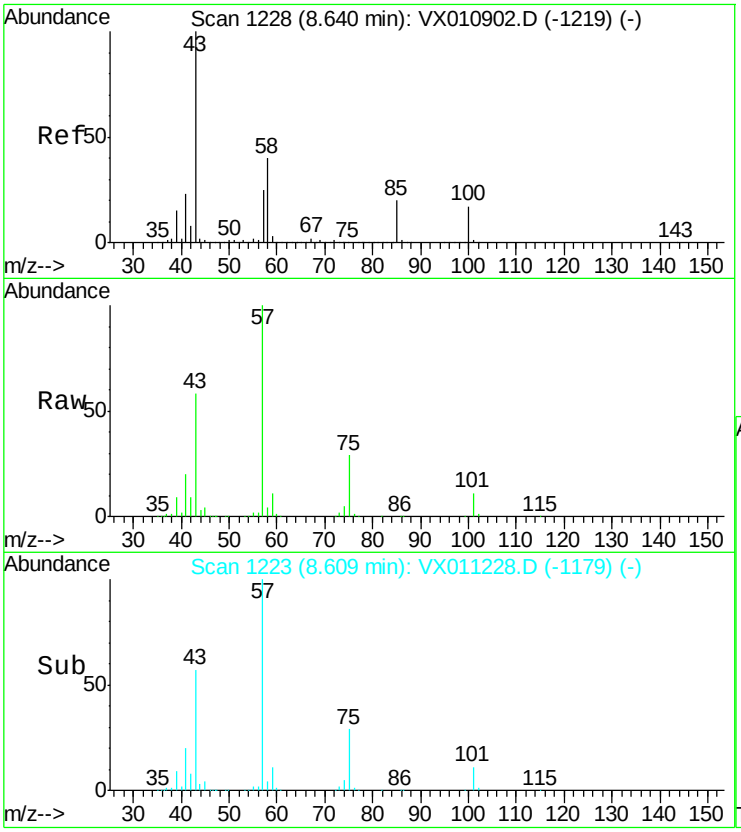


#50
Toluene-d8
Concen: 49.434 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 98 Resp: 388076

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.6	75.8



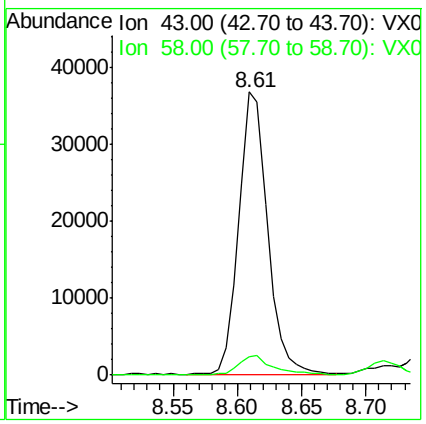


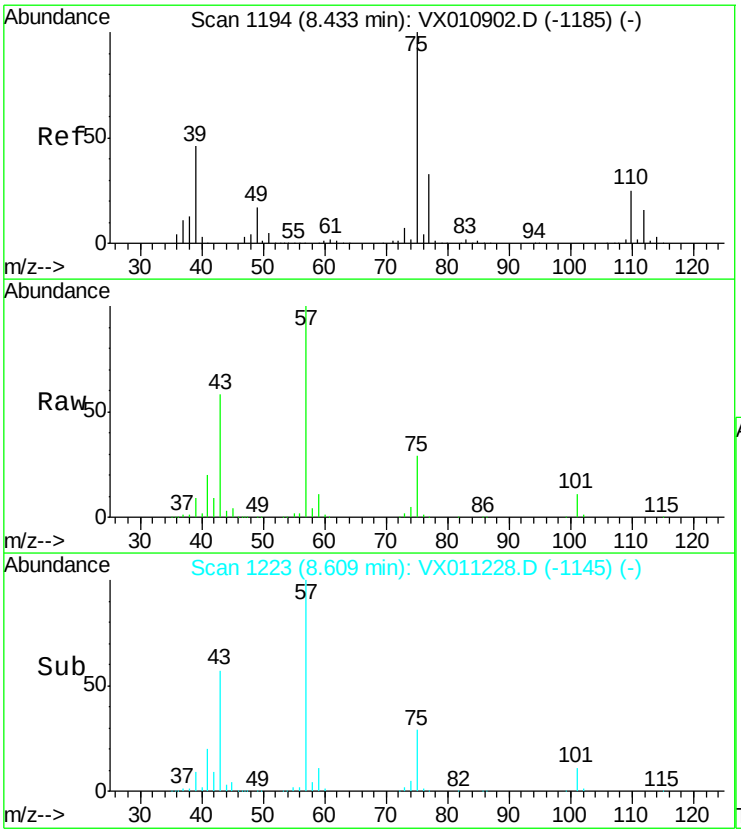
#51
4-Methyl-2-Pentanone
Concen: 19.057 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument : MSVOA_X
ClientSampleId : PB121803ZHE#08

Tgt Ion: 43 Resp: 56340

Ion	Ratio	Lower	Upper
43	100		
58	8.6	32.2	48.4#

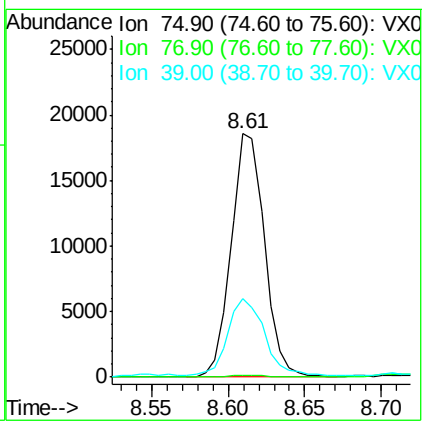


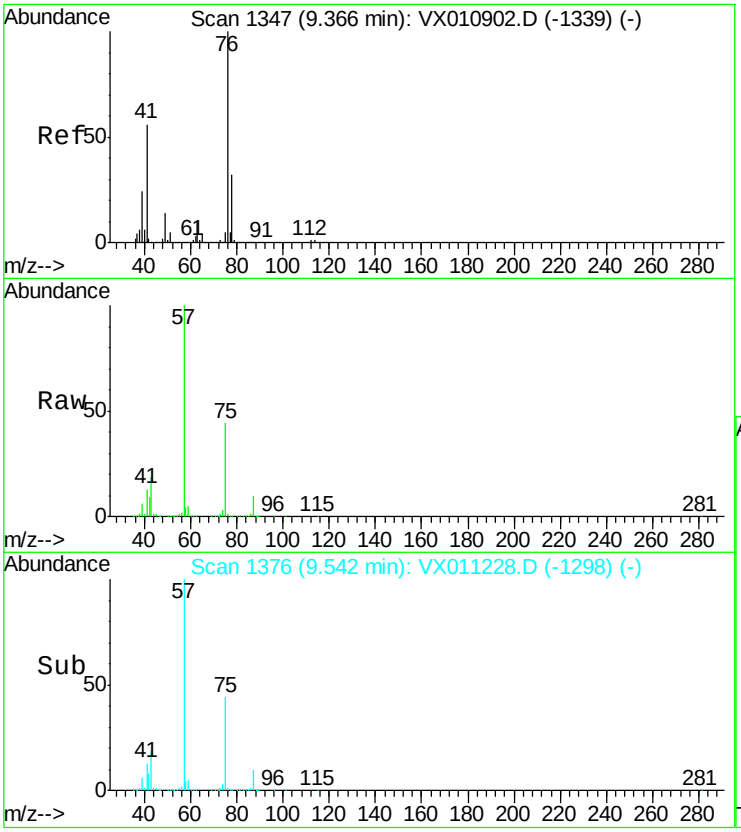


#54
cis-1,3-Dichloropropene
Concen: 8.711 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 75 Resp: 27997

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.1	39.1#
39	31.7	36.6	54.8#



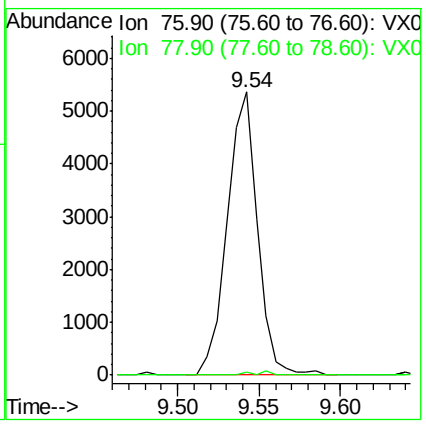


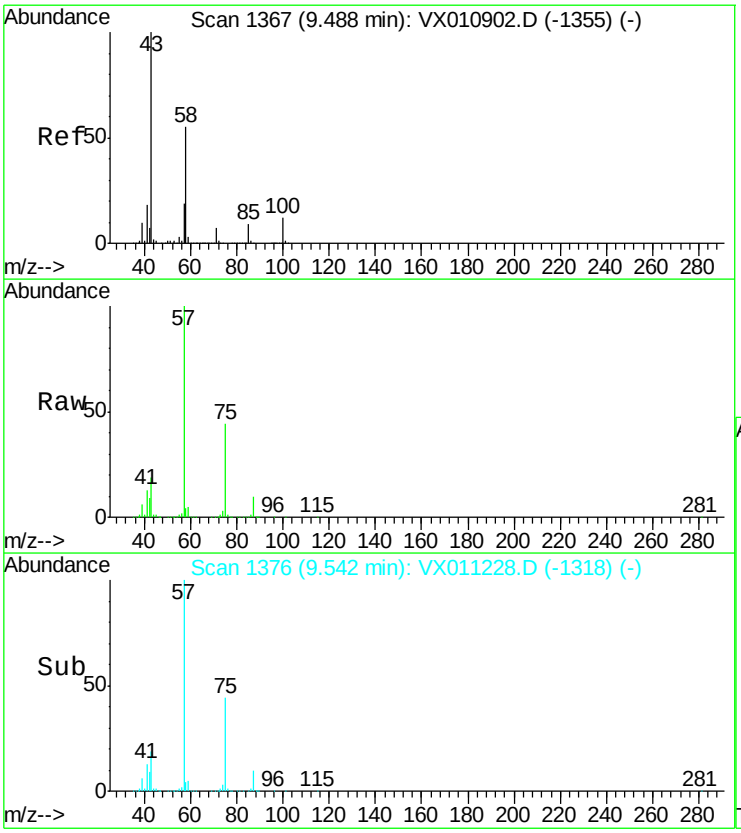
#57
1,3-Dichloropropane
Concen: 1.937 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.18 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 76 Resp: 6896

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#

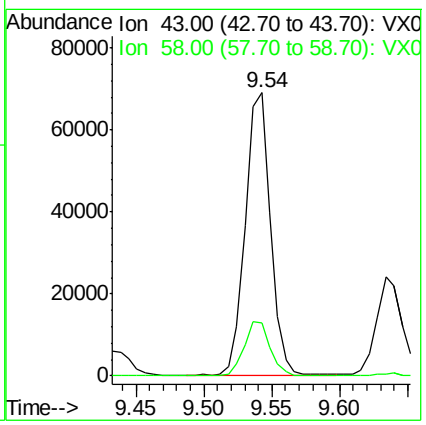


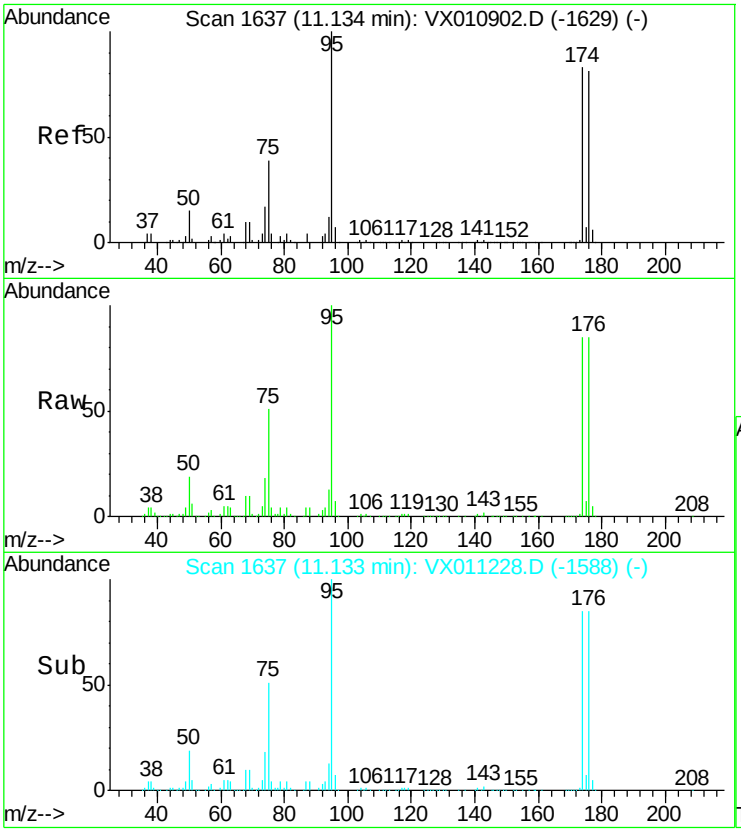


#59
2-Hexanone
Concen: 39.035 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 43 Resp: 89510

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.0	83.9#



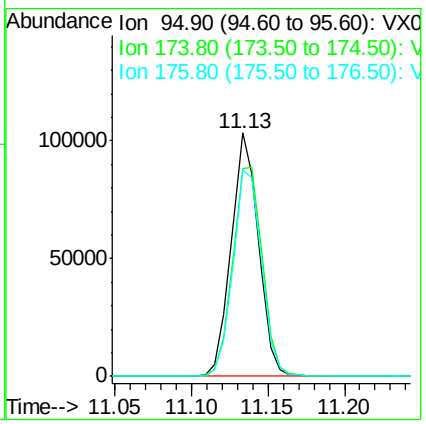


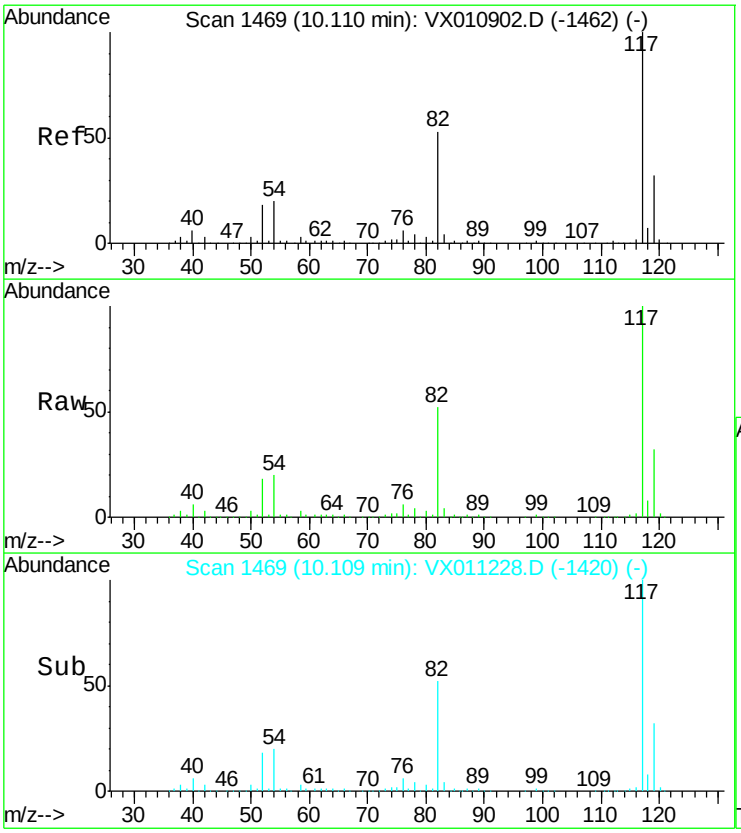
#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 95 Resp: 127613

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	180.6
176	88.7	0.0	173.8

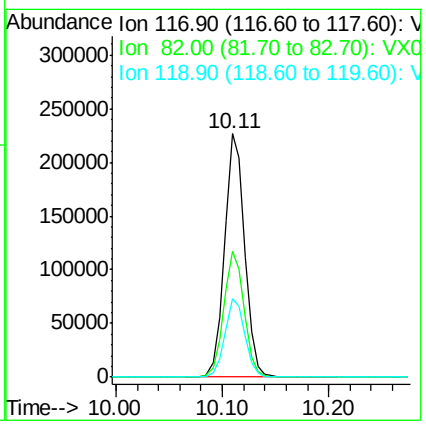


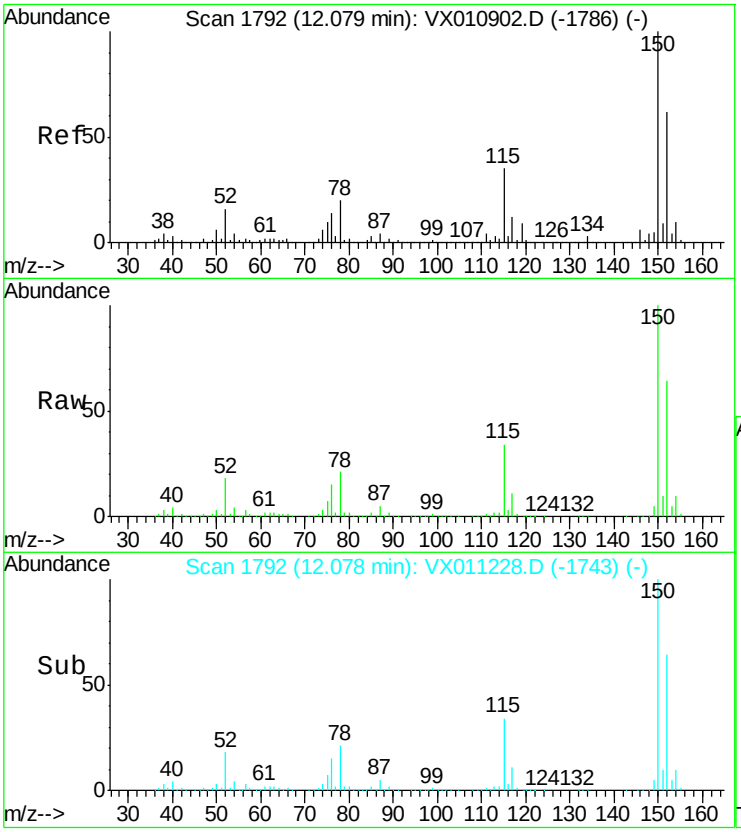


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion:117 Resp: 299643

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	32.2	25.9	38.9



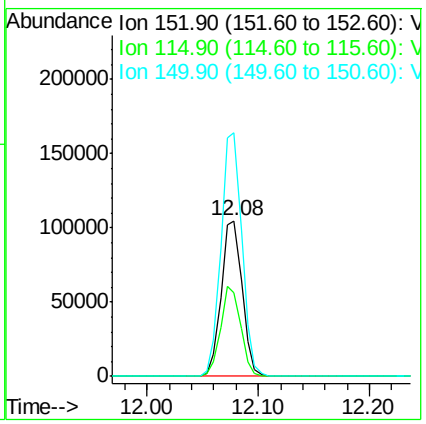


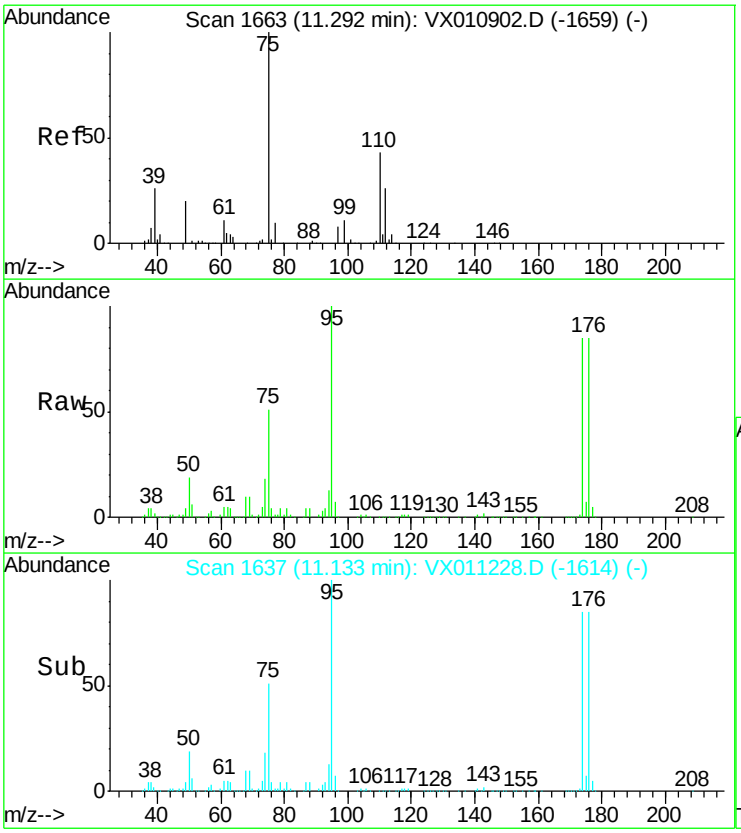
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion:152 Resp: 136695

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	156.1	0.0	345.6

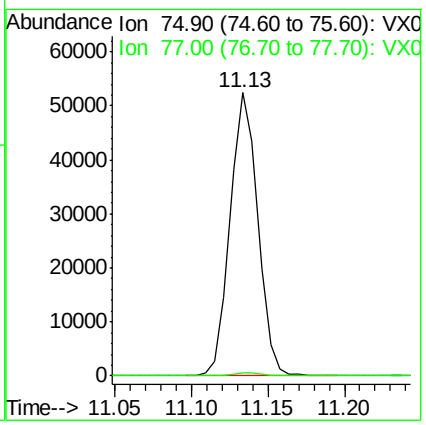


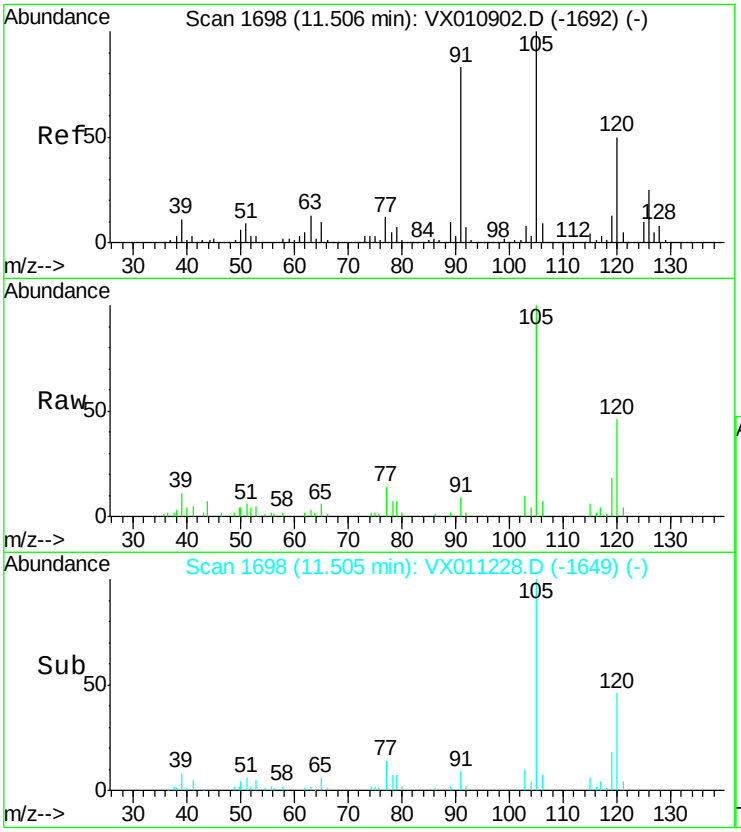


#76
1,2,3-Trichloropropane
Concen: 26.717 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 75 Resp: 65904

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	64.0#



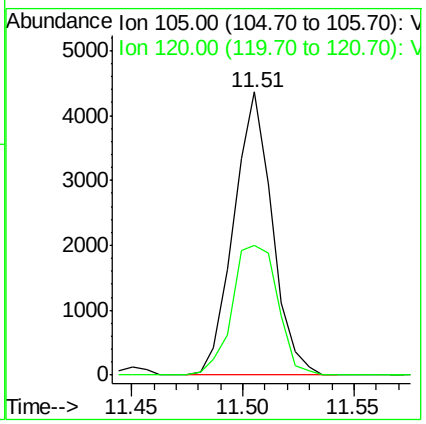


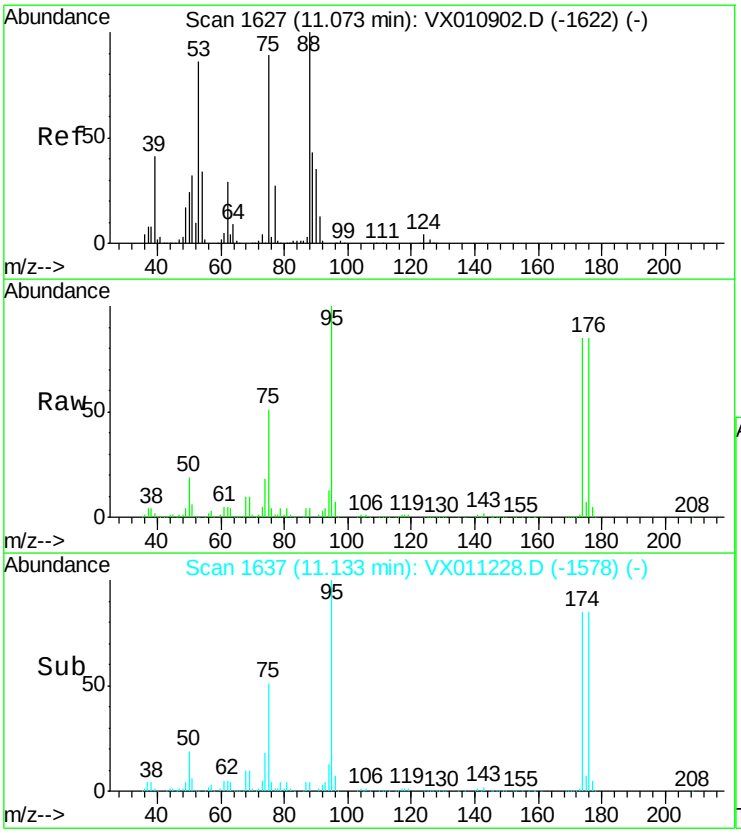
#80
1,3,5-Trimethylbenzene
Concen: 0.679 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion:105 Resp: 5237

Ion	Ratio	Lower	Upper
105	100		
120	55.0	24.6	73.8

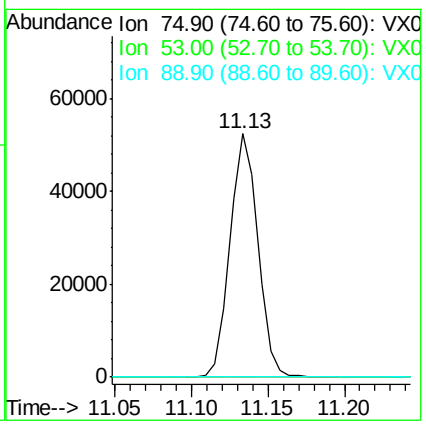


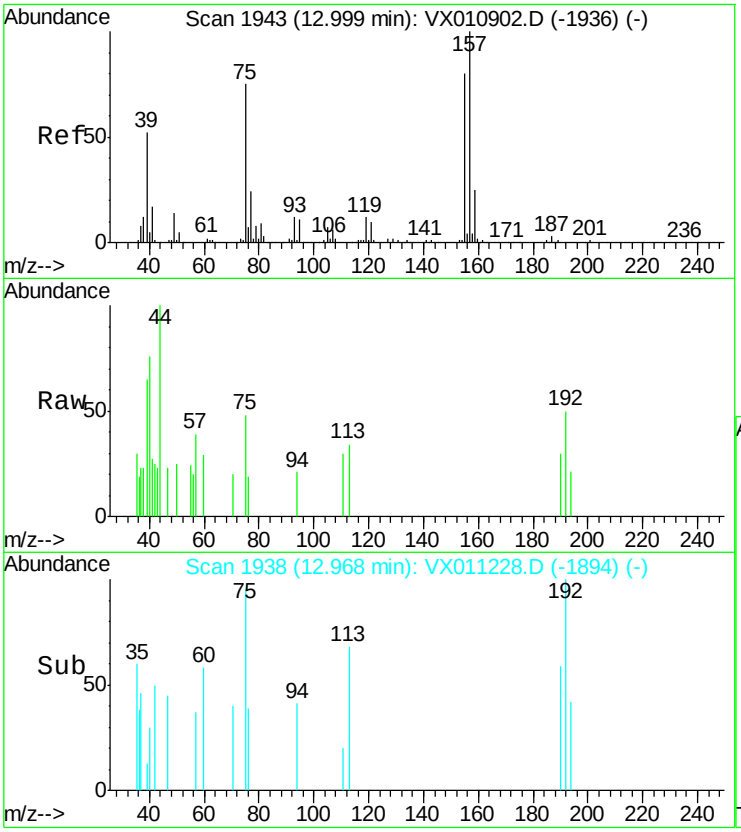


#81
trans-1,4-Dichloro-2-butene
Concen: 66.281 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Tgt Ion: 75 Resp: 65904

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.5	57.7#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.271 ug/l
RT: 12.97 min Scan# 1938
Delta R.T. -0.03 min
Lab File: VX011228.D
Acq: 31 Jul 2019 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#08

Tgt Ion: 75 Resp: 171

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