Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011081.D
Acq On : 26 Jul 2019 11:32
Operator : JC/SP
Sample : K4014-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB

Quant Time: Jul 27 02:00:11 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	5.65	168	197053	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	312436	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	279939	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121103	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	105297	50.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.46%				
35) Dibromofluoromethane	5.49	113	97918	49.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.76%				
50) Toluene-d8	8.71	98	372085	50.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.06%				
62) 4-Bromofluorobenzene	11.13	95	123990	45.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	23	0.557	ug/l	#	43
3) Chloromethane	1.32	50	459	0.253	ug/l	#	25
5) Bromomethane	1.65	94	233	0.224	ug/l		83
6) Chloroethane	1.77	64	2096	1.784	ug/l	#	41
10) Methyl Iodide	2.51	142	510	0.218	ug/l	#	87
11) Tert butyl alcohol	3.01	59	867	1.776	ug/l	#	87
13) Acrolein	2.32	56	177	0.627	ug/l		91
15) Acrylonitrile	3.14	53	353	0.358	ug/l	#	33
16) Acetone	2.44	43	242	0.256	ug/l	#	76
18) Methyl Acetate	2.77	43	506	0.235	ug/l	#	57
29) Tetrahydrofuran	5.12	42	253	0.294	ug/l	#	41
31) Cyclohexane	5.65	56	3931	1.381	ug/l	#	5
36) 1,1-Dichloropropene	5.66	75	12767	4.975	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	18556	6.939	ug/l	#	18
49) 1,4-Dioxane	7.79	88	20	0.340	ug/l	#	1
60) Dibromochloromethane	9.41	129	19	2.535	ug/l	#	11
76) 1,2,3-Trichloropropane	11.13	75	61596	28.186	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	61596	69.706	ug/l	#	11

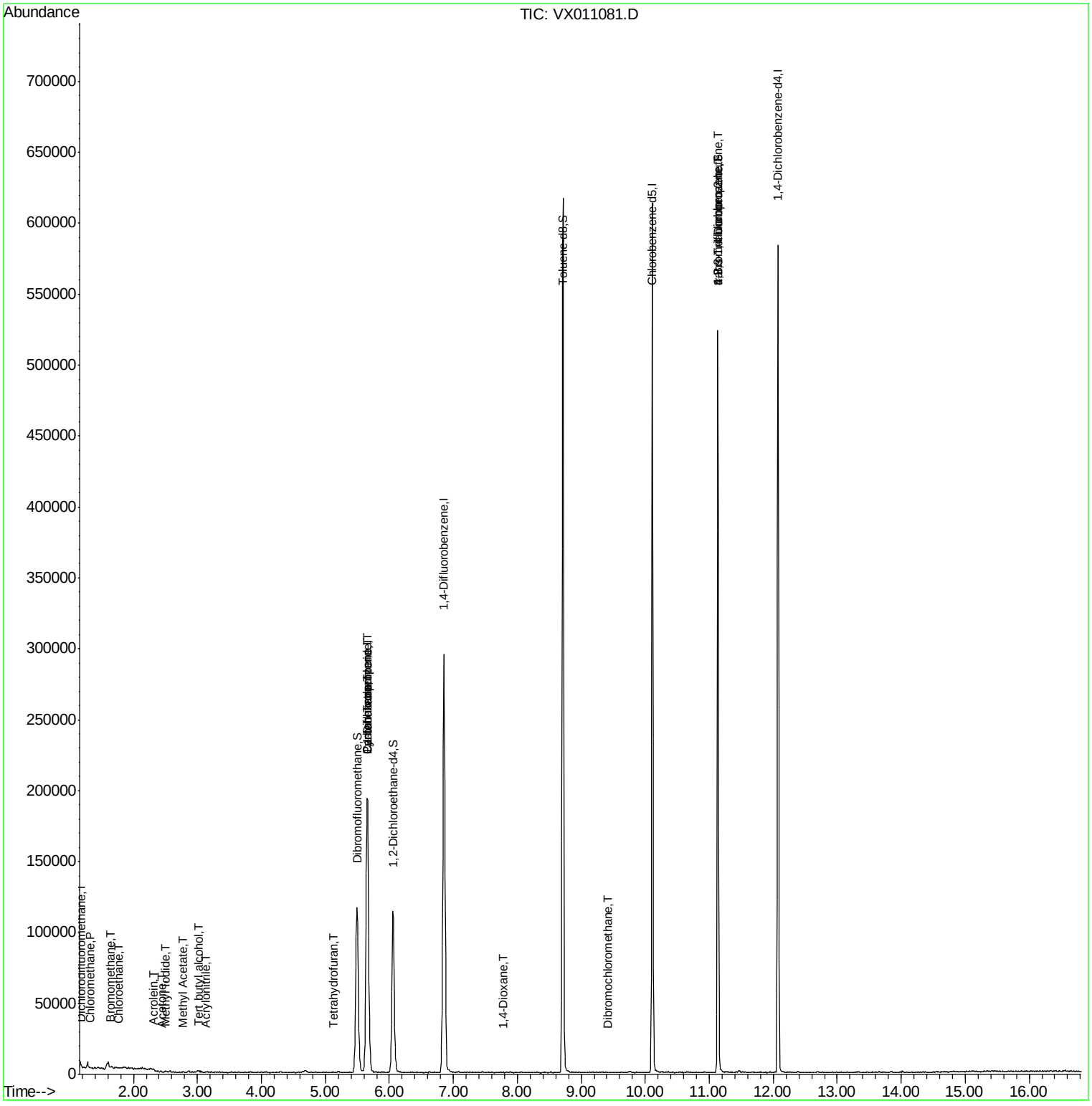
(#) = qualifier out of range (m) = manual integration (+) = signals summed

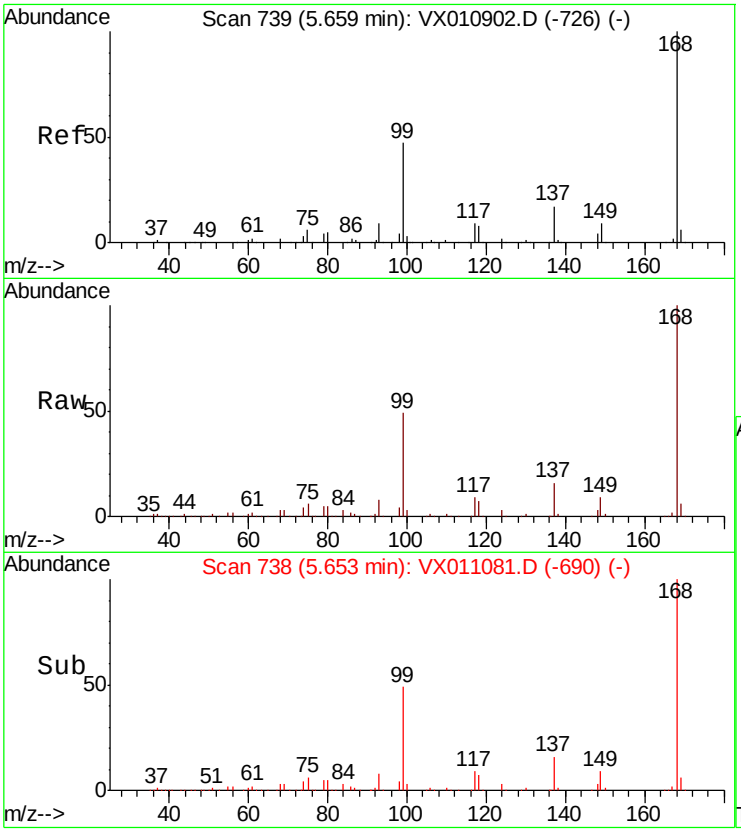
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011081.D
Acq On : 26 Jul 2019 11:32
Operator : JC/SP
Sample : K4014-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Jul 27 02:00:11 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



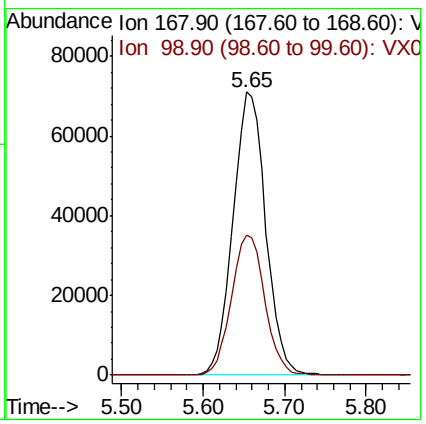


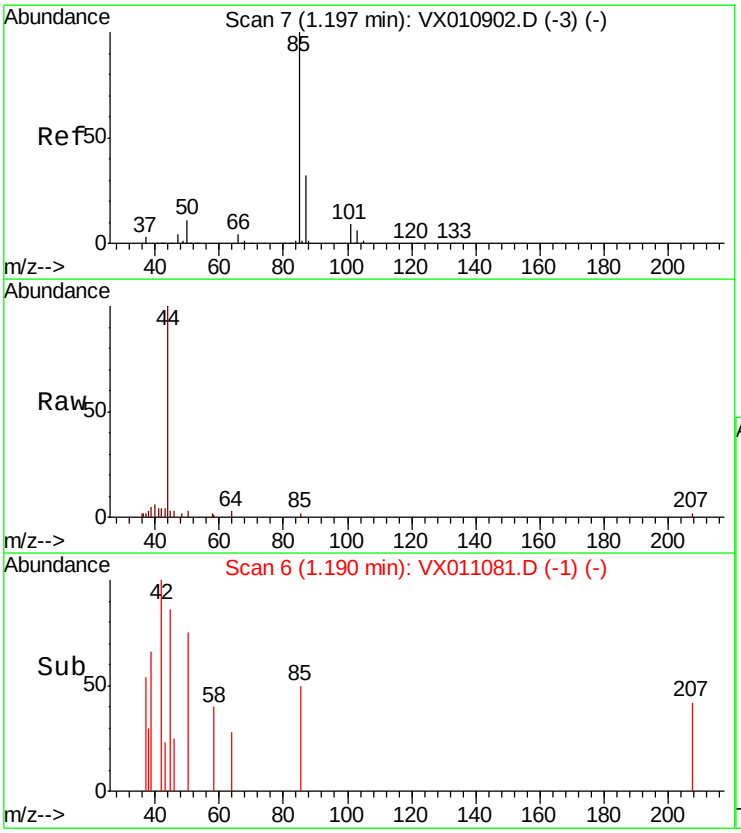
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument : MSVOA_X
ClientSampleId : TB

Tgt Ion:168 Resp: 197053

Ion	Ratio	Lower	Upper
168	100		
99	49.4	37.6	56.4

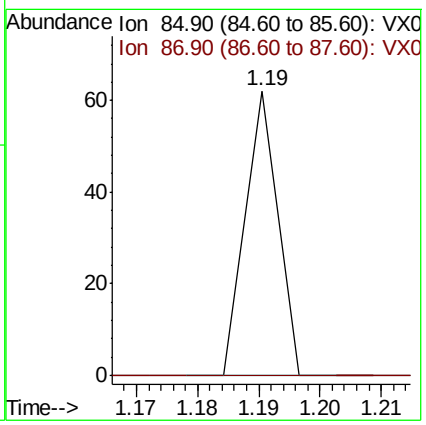


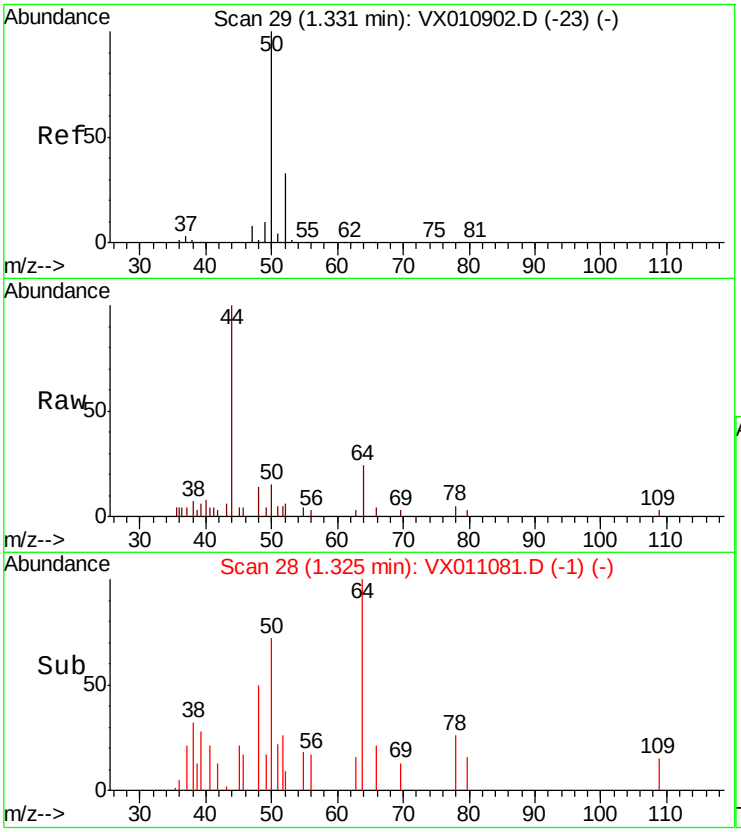


#2
Dichlorodifluoromethane
Concen: 0.557 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 85 Resp: 23

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



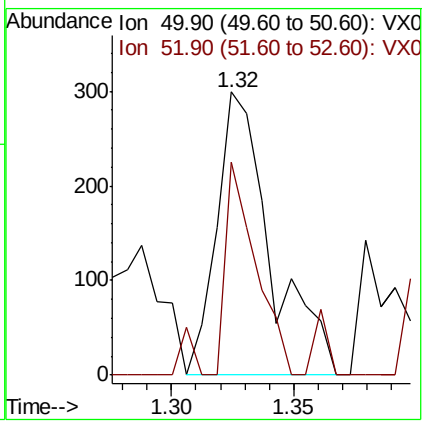


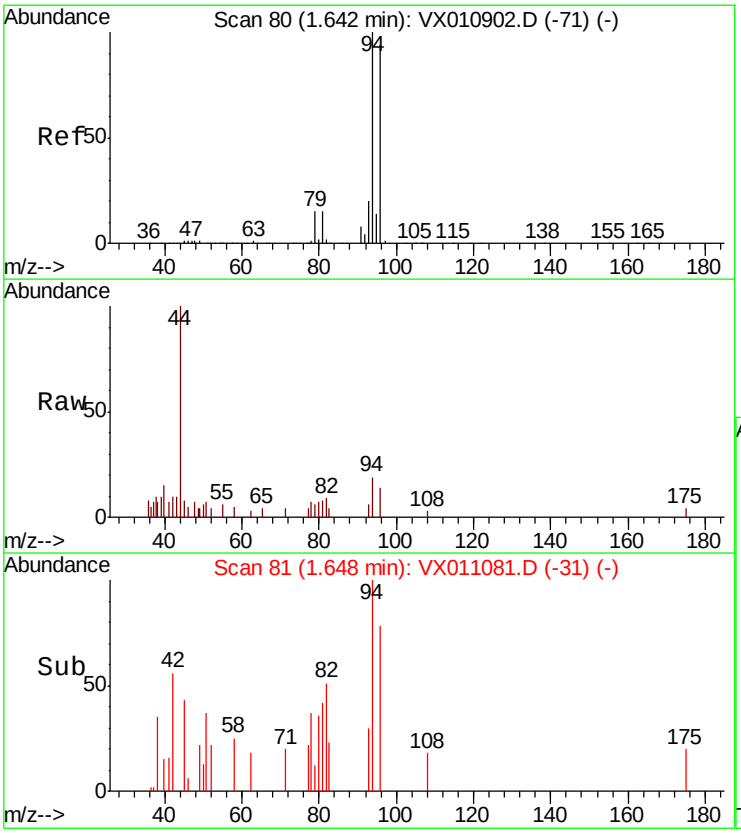
#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 50 Resp: 459

Ion	Ratio	Lower	Upper
50	100		
52	75.3	26.4	39.6#

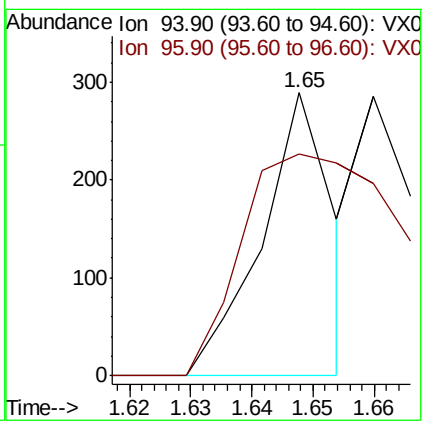


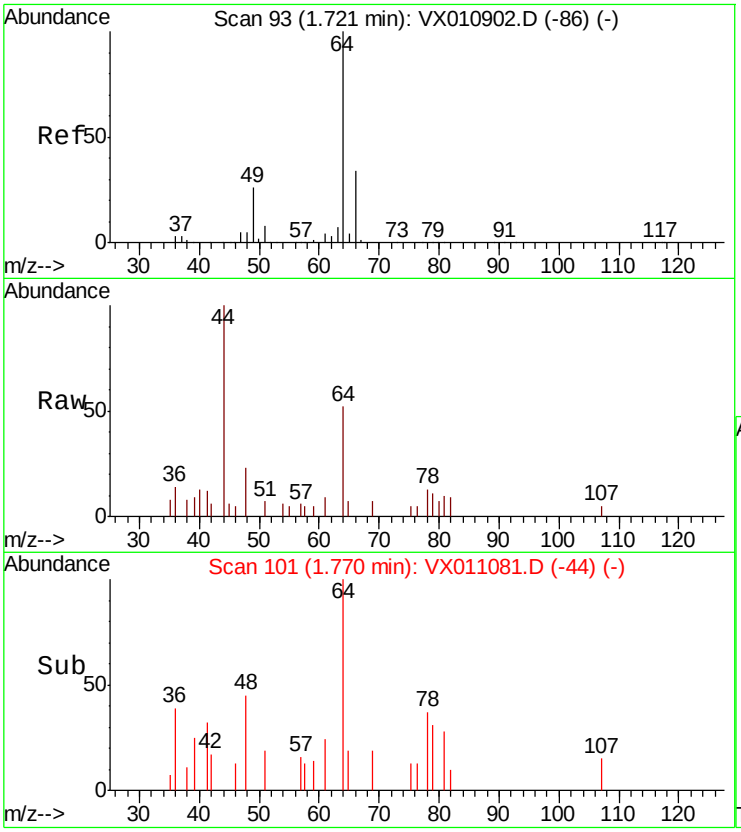


#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 94 Resp: 233

Ion	Ratio	Lower	Upper
94	100		
96	78.2	75.6	113.4



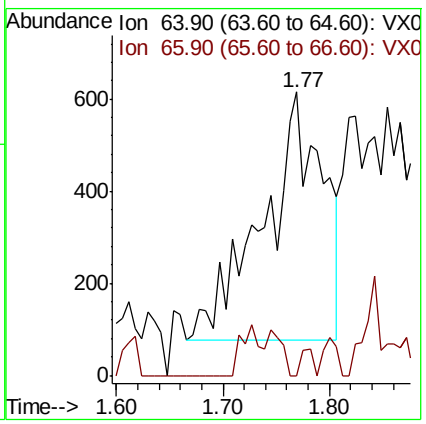


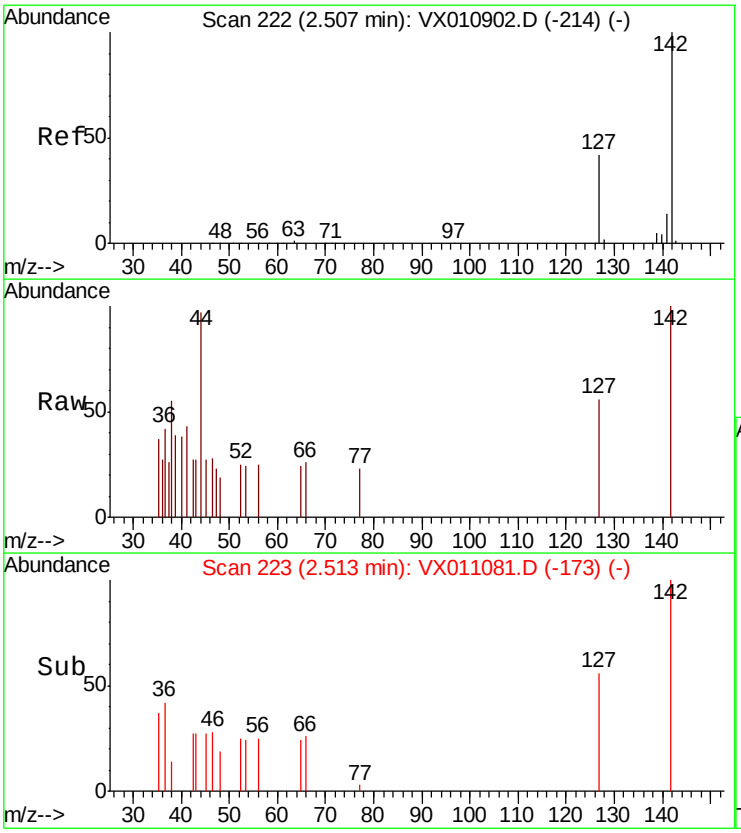
#6
Chloroethane
Concen: 1.784 ug/l
RT: 1.77 min Scan# 101
Delta R.T. 0.05 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 64 Resp: 2096

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.0	40.6#

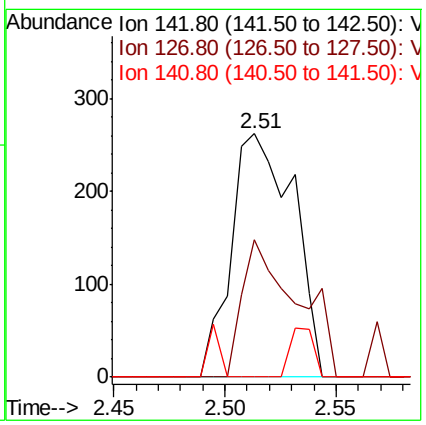


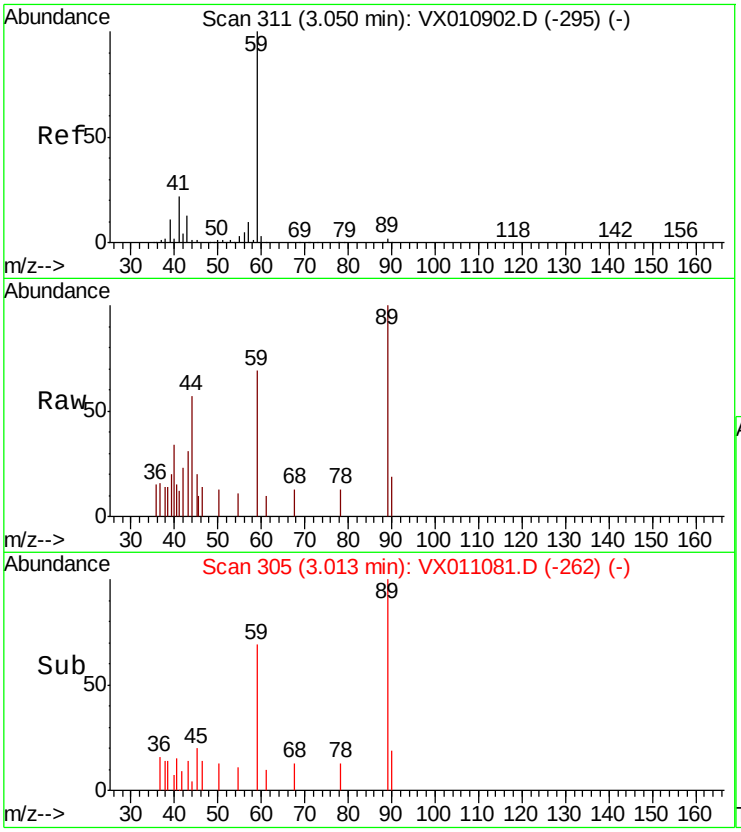


#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion:142 Resp: 510

Ion	Ratio	Lower	Upper
142	100		
127	50.0	34.2	51.4
141	7.5	11.7	17.5#



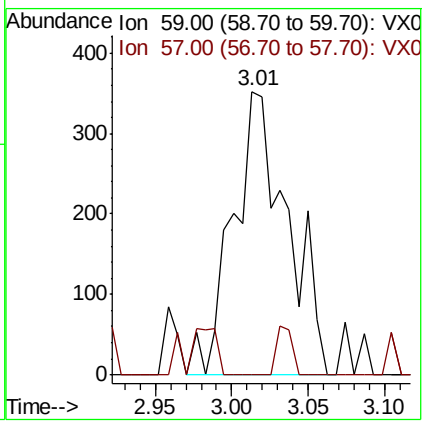


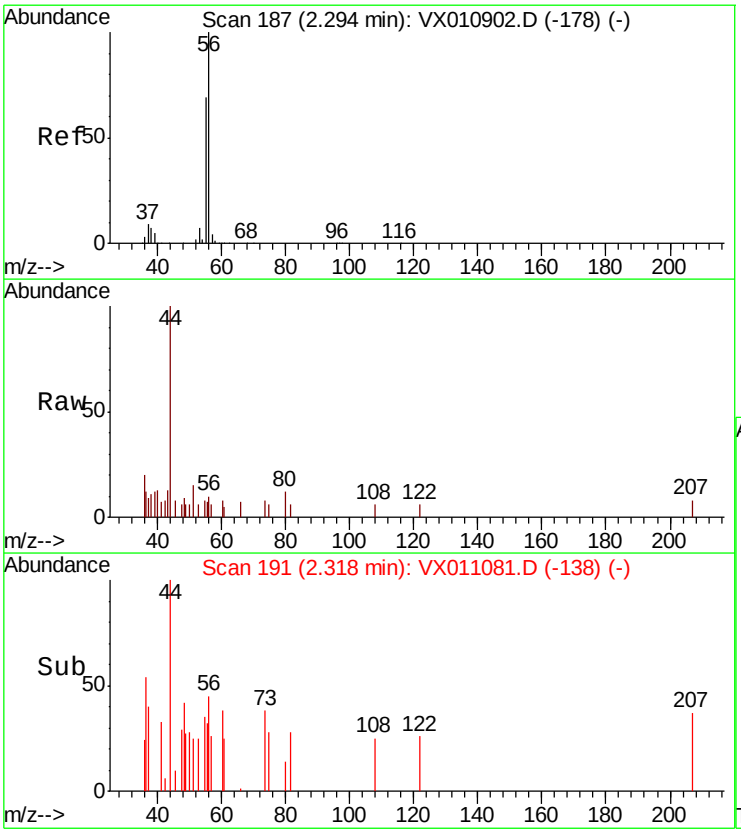
#11
Tert butyl alcohol
Concen: 1.776 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument : MSVOA_X
ClientSampleId : TB

Tgt Ion: 59 Resp: 867

Ion	Ratio	Lower	Upper
59	100		
57	5.0	7.9	11.9#

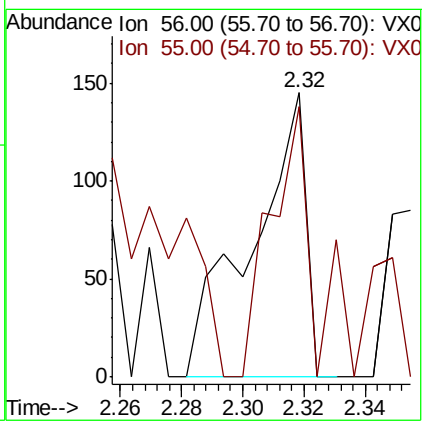


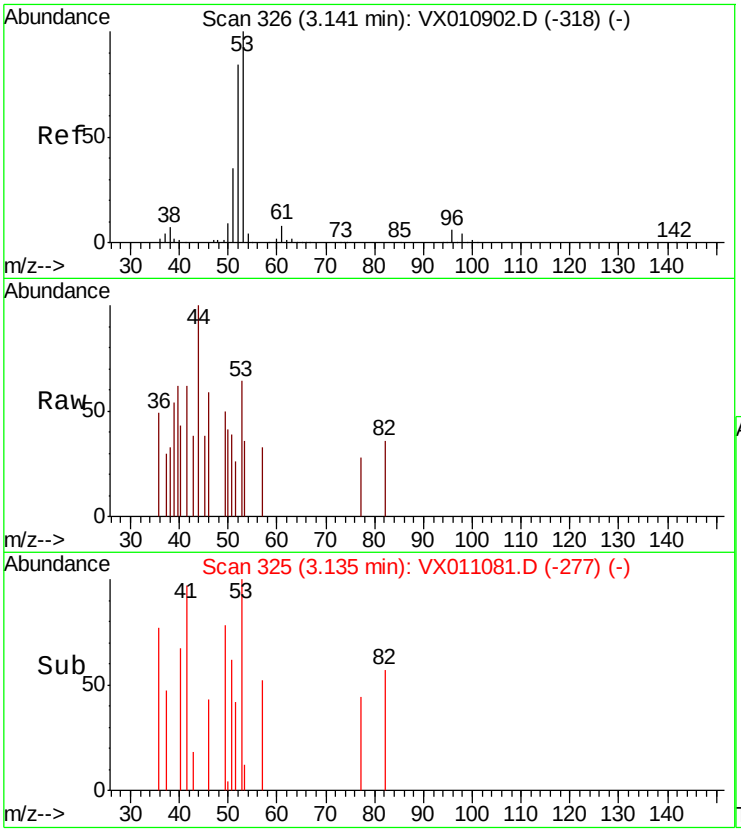


#13
Acrolein
Concen: 0.627 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 56 Resp: 177

Ion	Ratio	Lower	Upper
56	100		
55	77.4	55.9	83.9



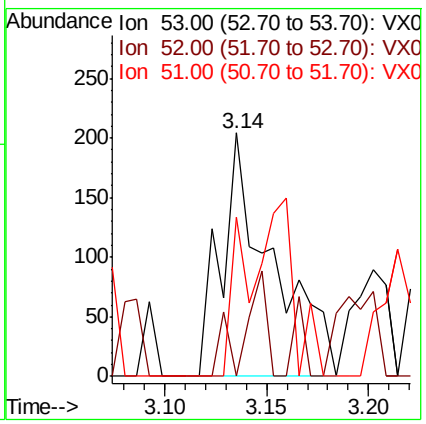


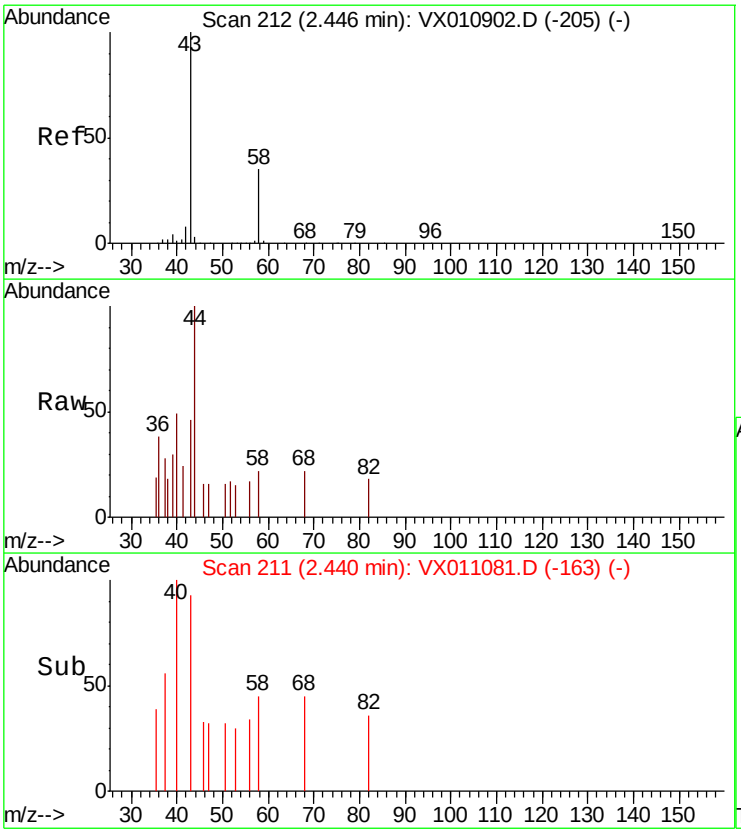
#15
Acrylonitrile
Concen: 0.358 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 53 Resp: 353

Ion	Ratio	Lower	Upper
53	100		
52	19.8	66.5	99.7#
51	0.0	28.2	42.4#

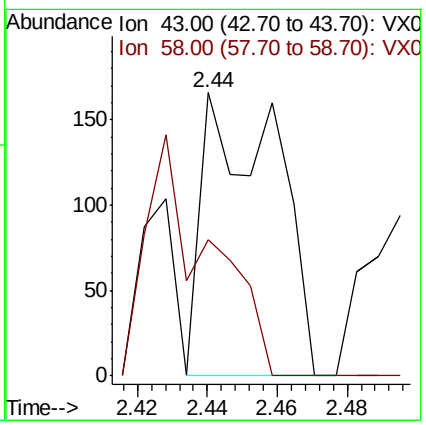


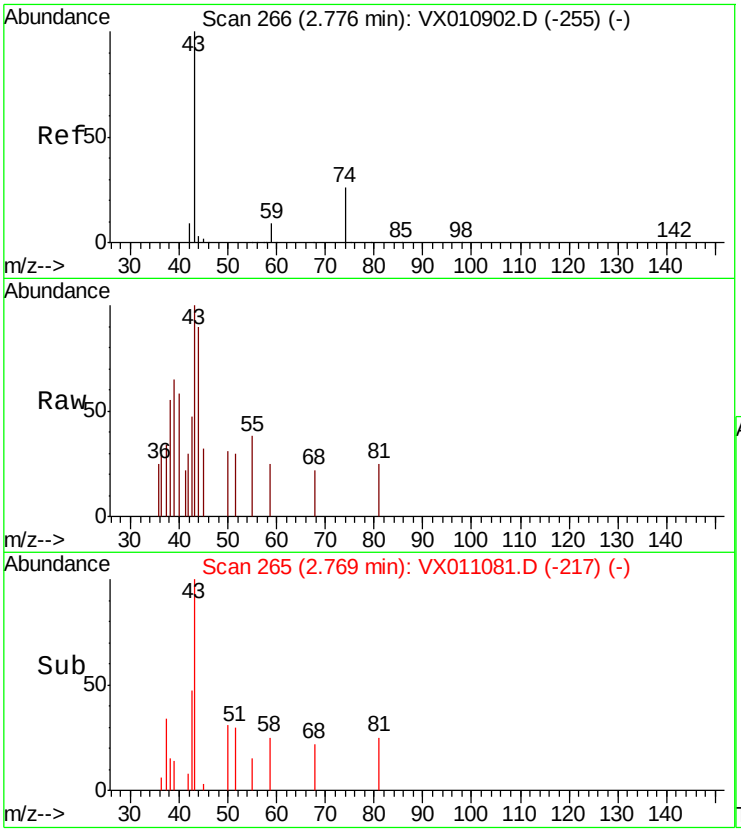


#16
Acetone
Concen: 0.256 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 43 Resp: 242

Ion	Ratio	Lower	Upper
43	100		
58	48.2	27.7	41.5#



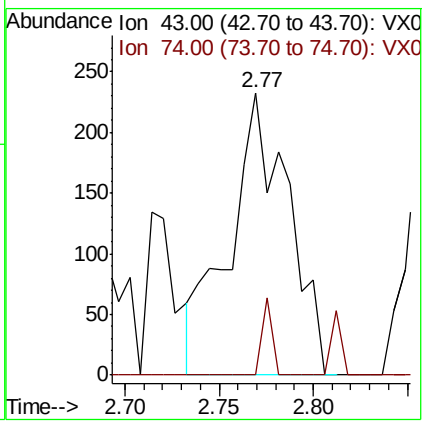


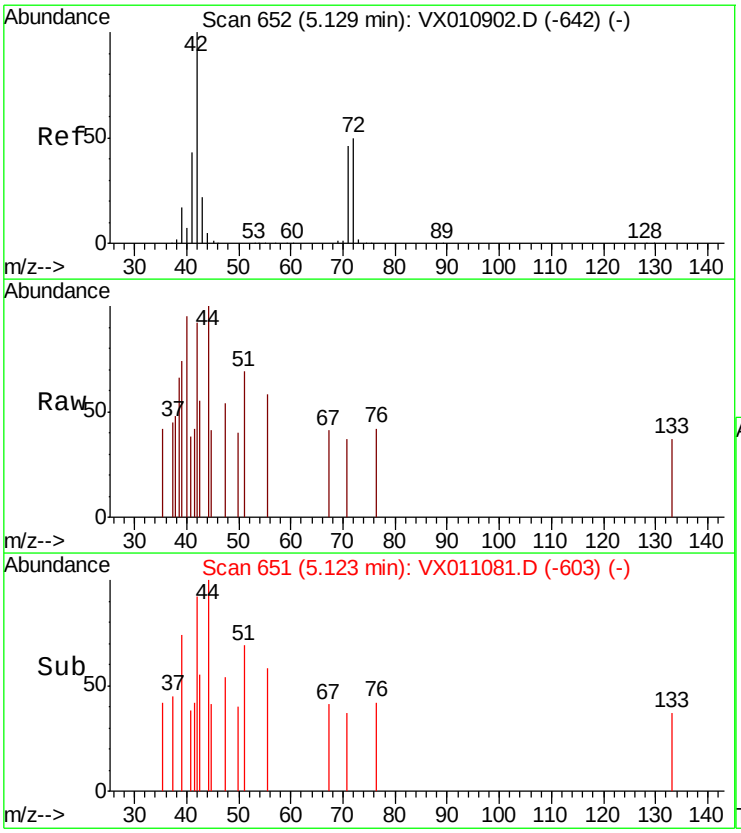
#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument : MSVOA_X
ClientSampleId : TB

Tgt Ion: 43 Resp: 506

Ion	Ratio	Lower	Upper
43	100		
74	4.5	21.5	32.3#

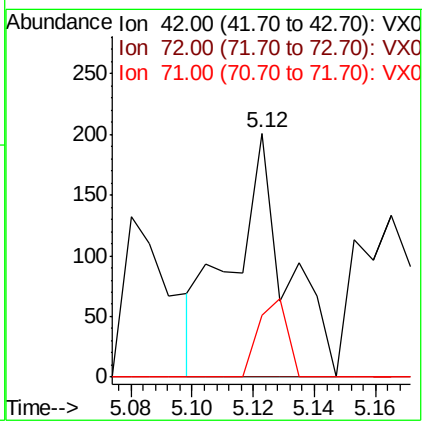


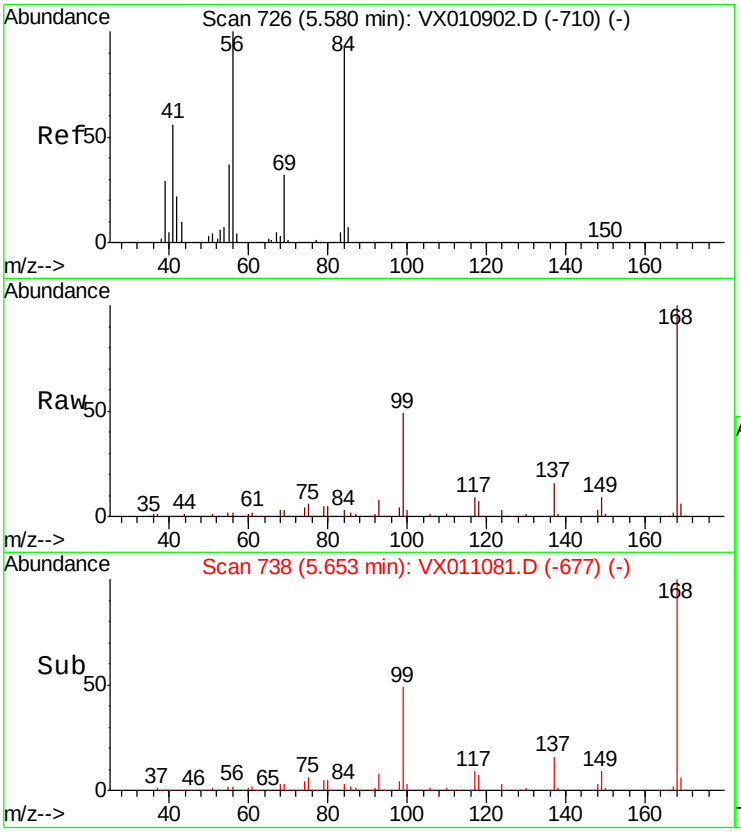


#29
Tetrahydrofuran
Concen: 0.294 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 42 Resp: 253

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.8	59.8#
71	16.6	37.0	55.4#



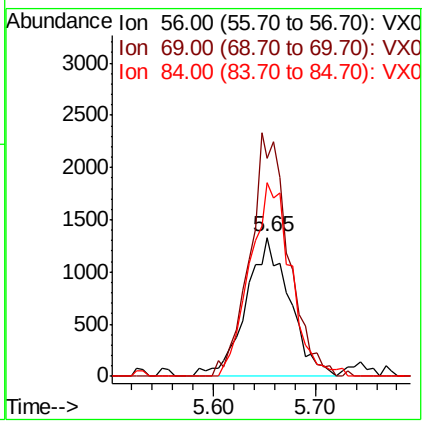


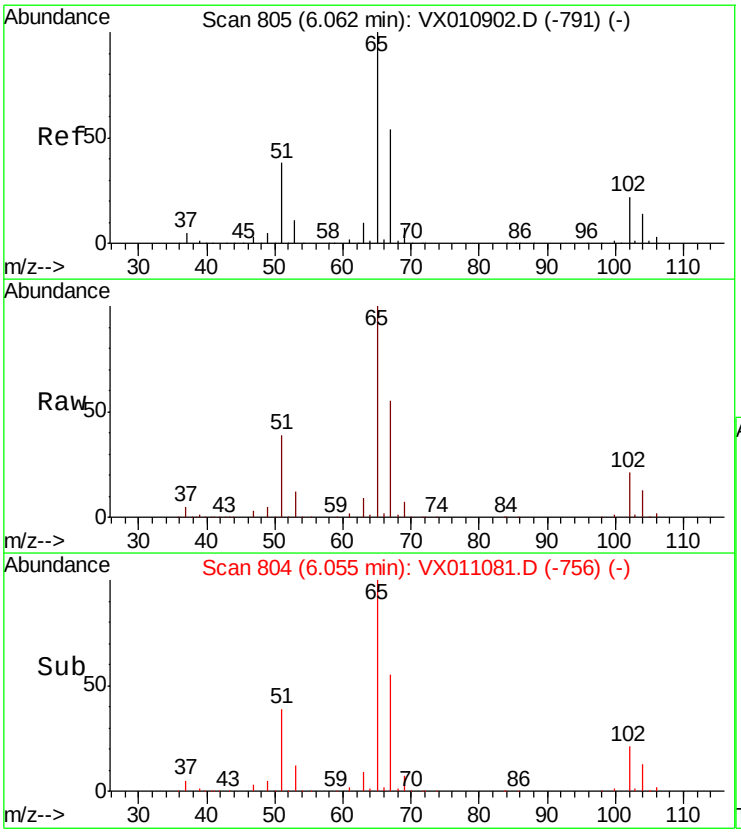
#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 56 Resp: 3931

Ion	Ratio	Lower	Upper
56	100		
69	156.7	25.8	38.8#
84	139.7	73.8	110.6#

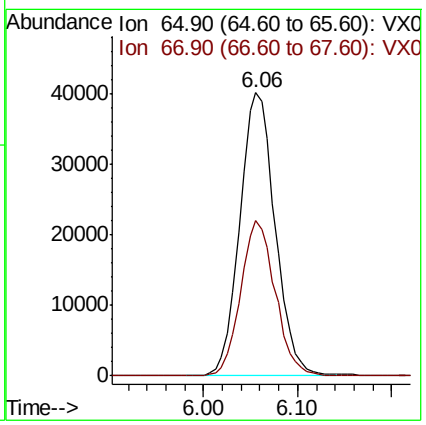


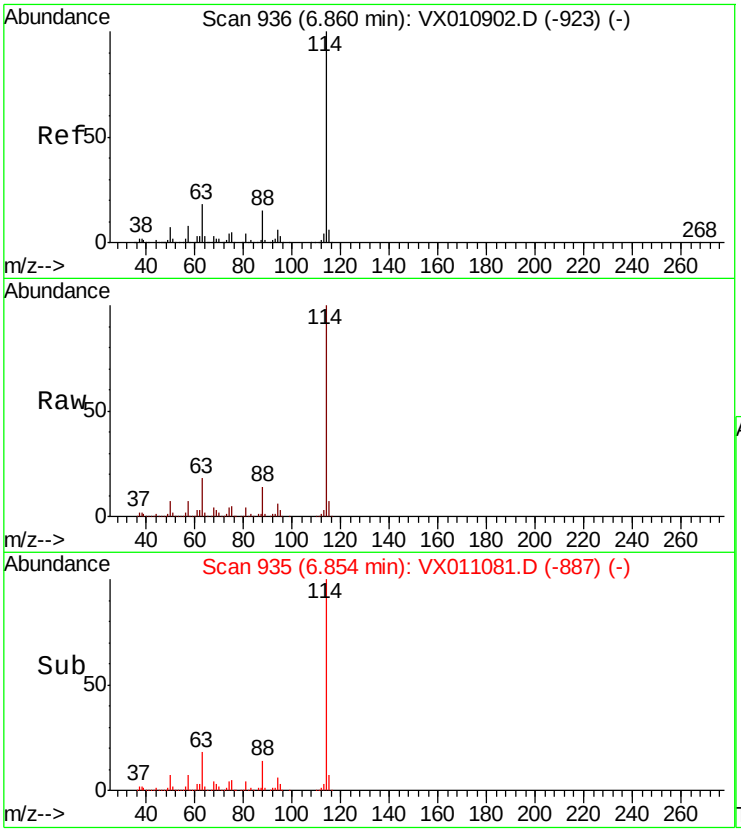


#33
1,2-Dichloroethane-d4
Concen: 50.229 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 65 Resp: 105297

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.8



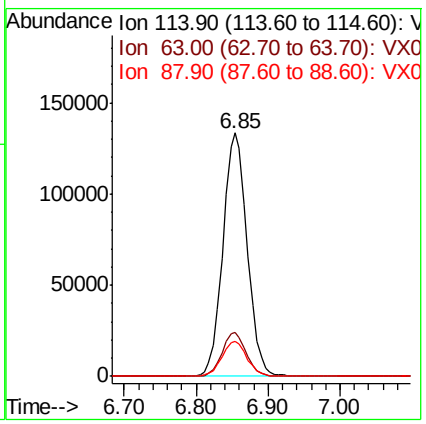


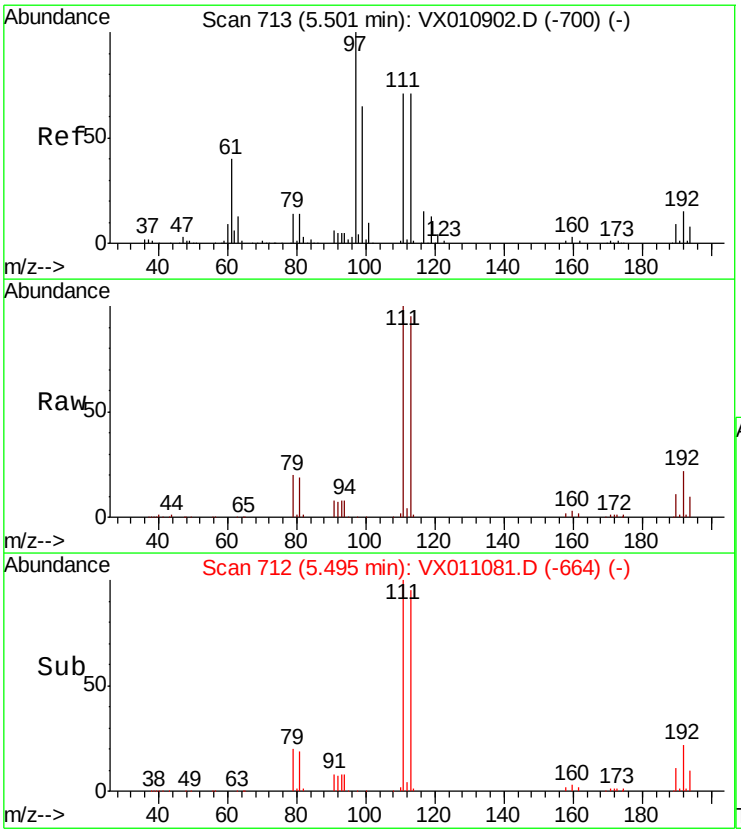
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 312436

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	14.5	0.0	29.8

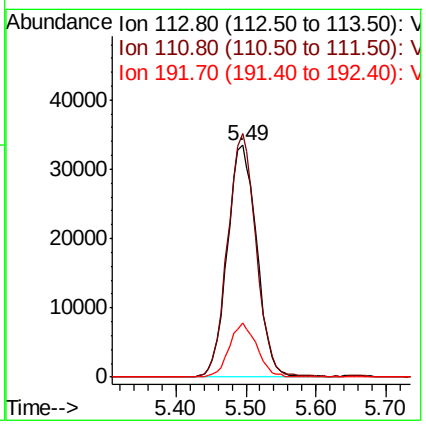


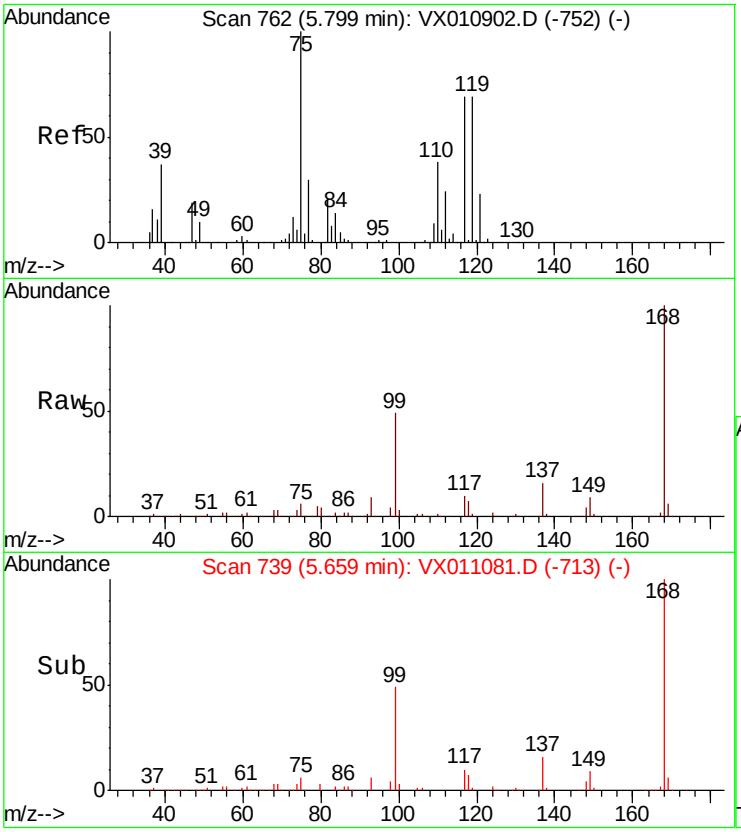


#35
Dibromofluoromethane
Concen: 49.376 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion:113 Resp: 97918

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	21.9	17.4	26.2



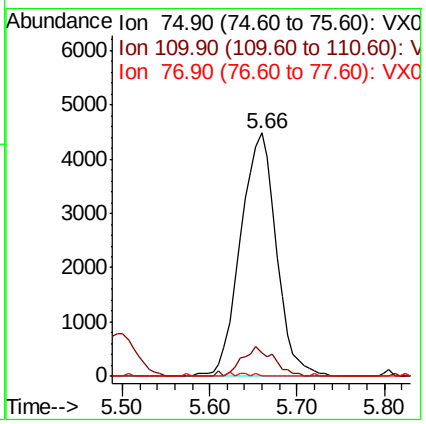


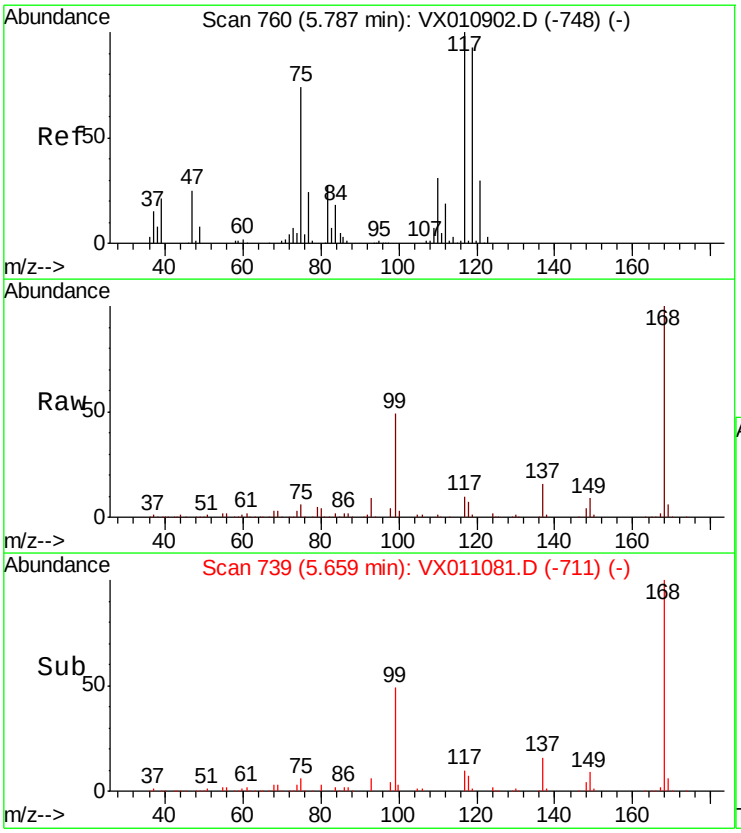
#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 12767

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

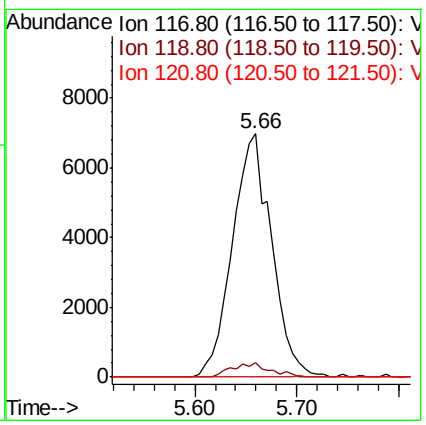


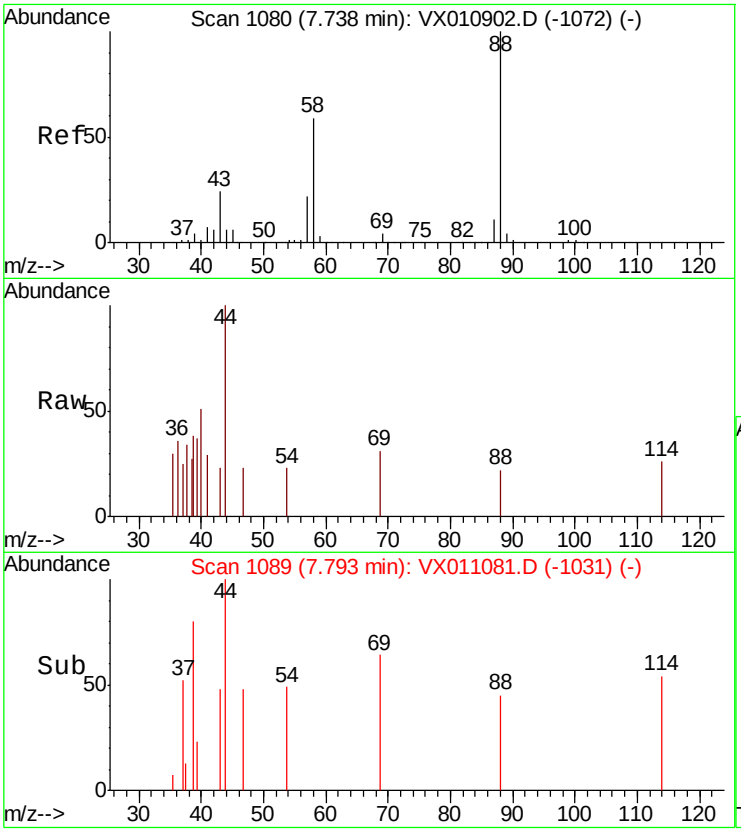


#38
Carbon Tetrachloride
Concen: 6.939 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion:117 Resp: 18556

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.2	111.2#
121	0.0	24.2	36.2#



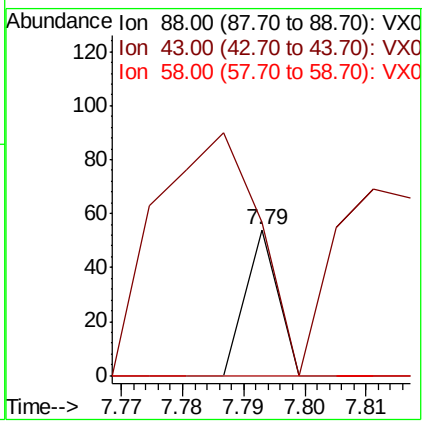


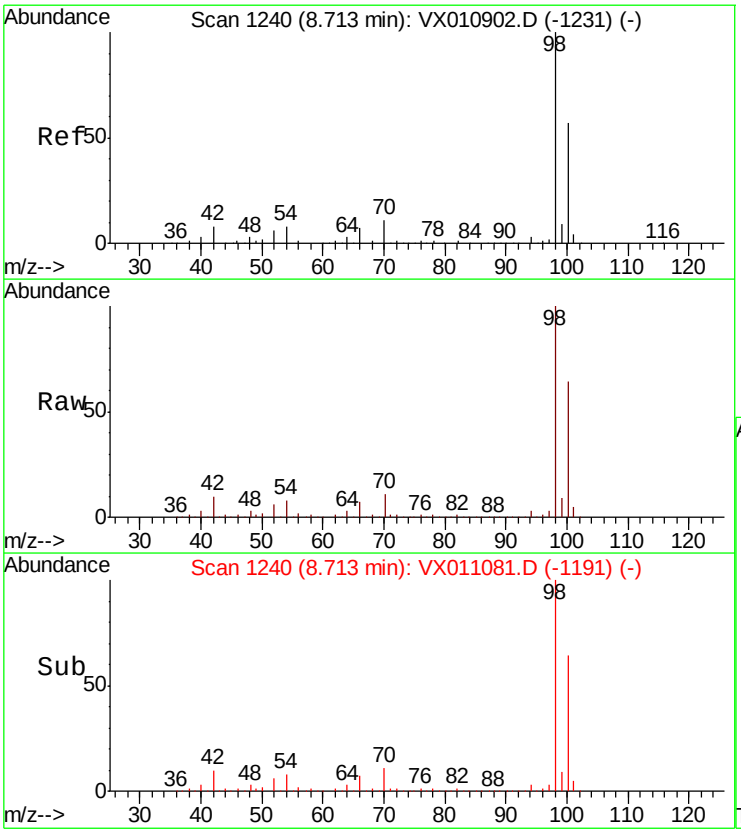
#49
1,4-Dioxane
Concen: 0.340 ug/l
RT: 7.79 min Scan# 1089
Delta R.T. 0.05 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	525.0	22.9	34.3#
58	0.0	49.8	74.8#

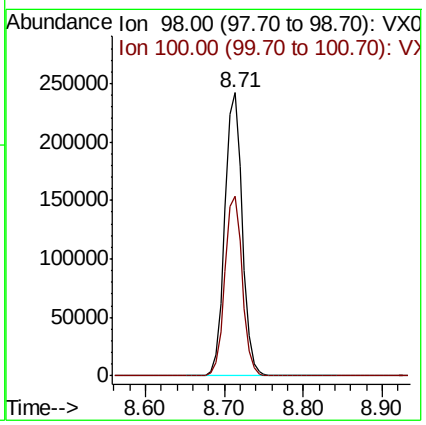


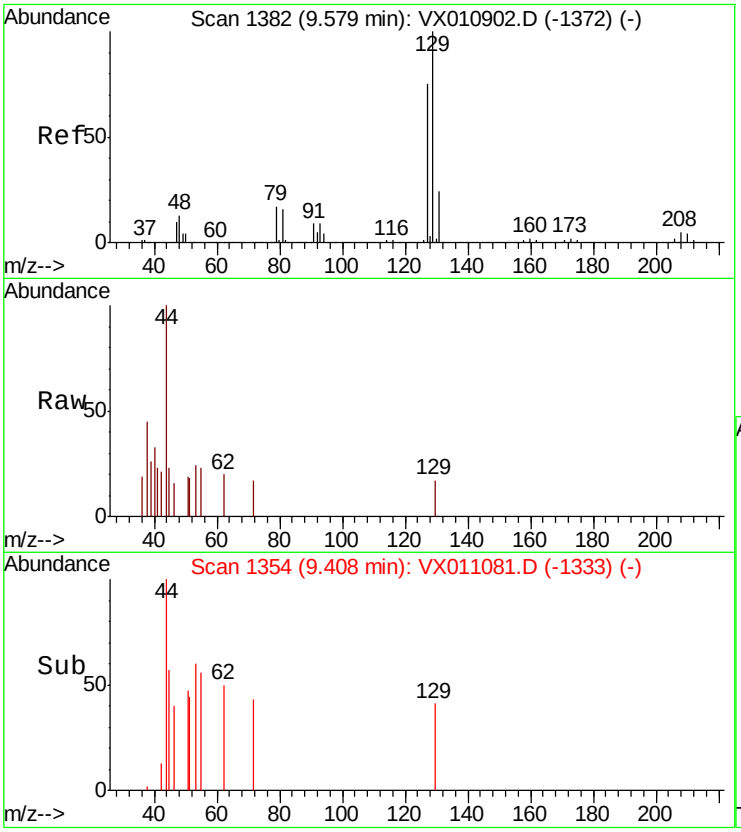


#50
Toluene-d8
Concen: 50.026 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 98 Resp: 372085

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.6	75.8



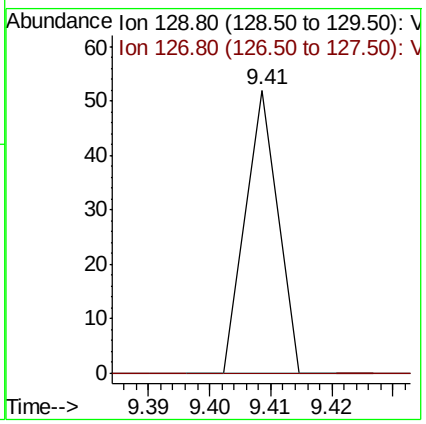


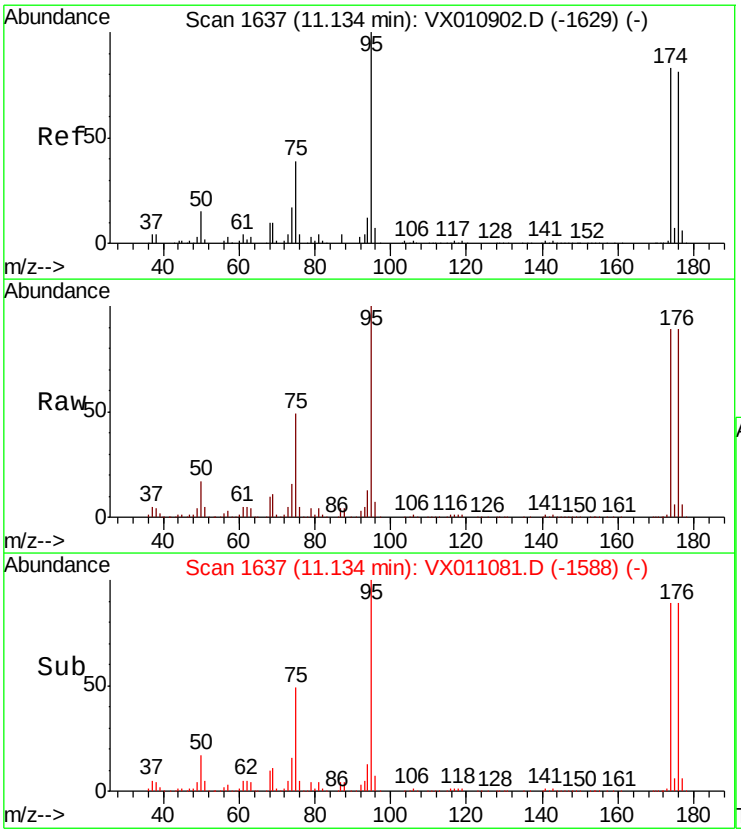
#60
Dibromochloromethane
Concen: 2.535 ug/l
RT: 9.41 min Scan# 1354
Delta R.T. -0.17 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument : MSVOA_X
ClientSampleId : TB

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

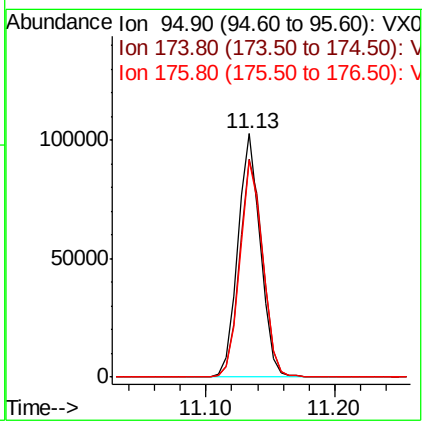


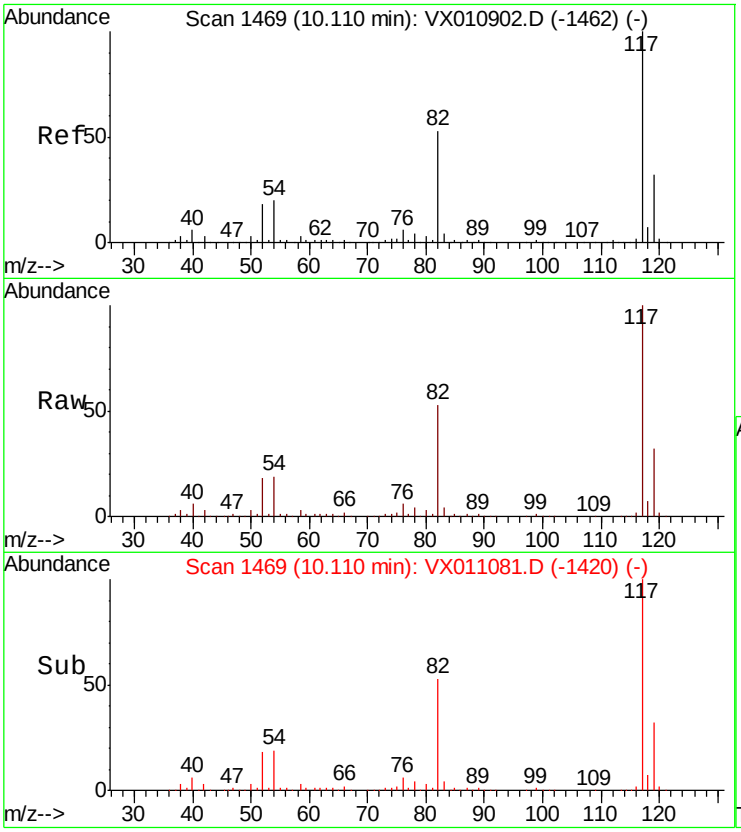


#62
4-Bromofluorobenzene
Concen: 45.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 95 Resp: 123990

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	180.6
176	90.0	0.0	173.8



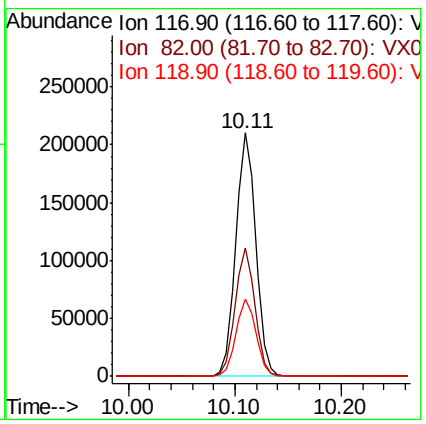


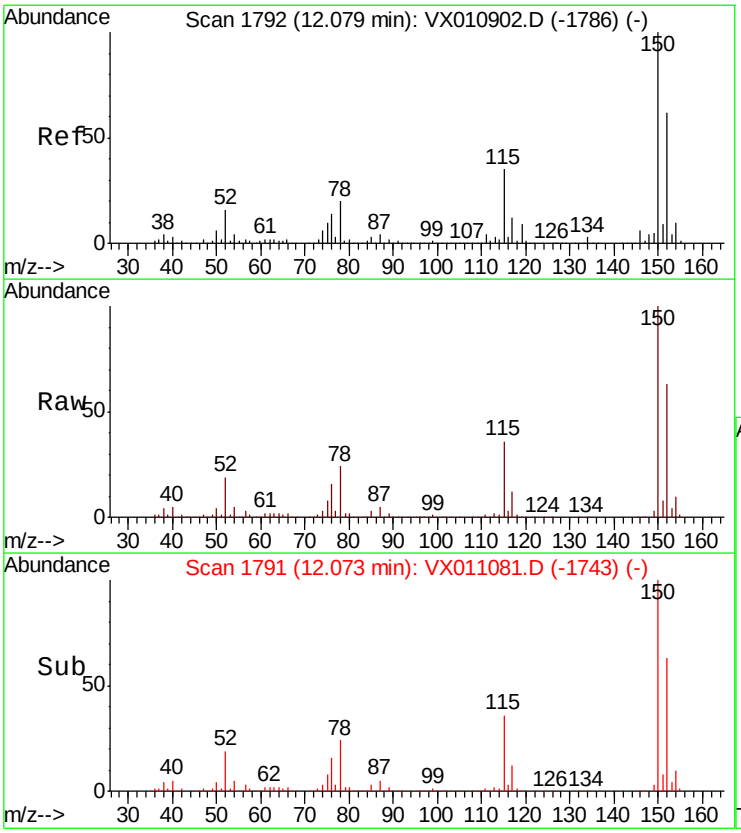
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument : MSVOA_X
ClientSampleId : TB

Tgt Ion:117 Resp: 279939

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	31.7	25.9	38.9

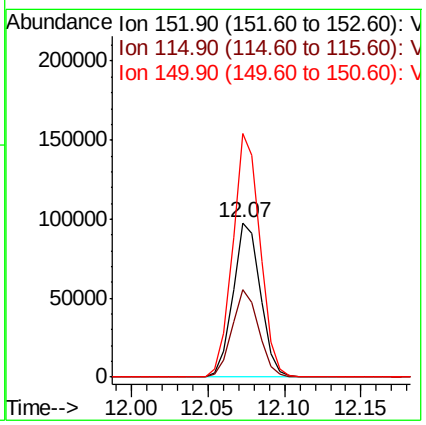


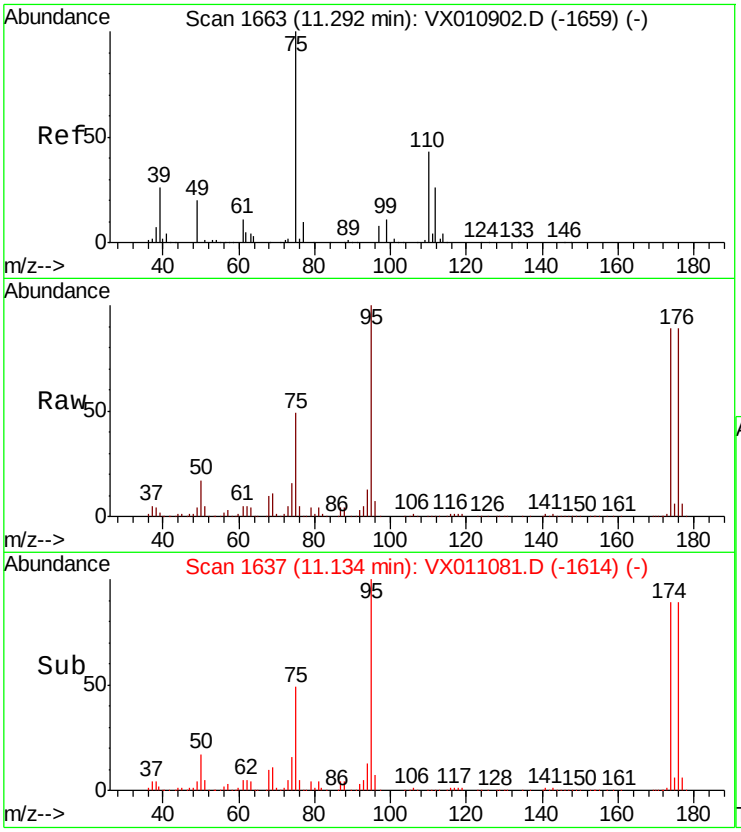


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion:152 Resp: 121103

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	156.9	0.0	345.6



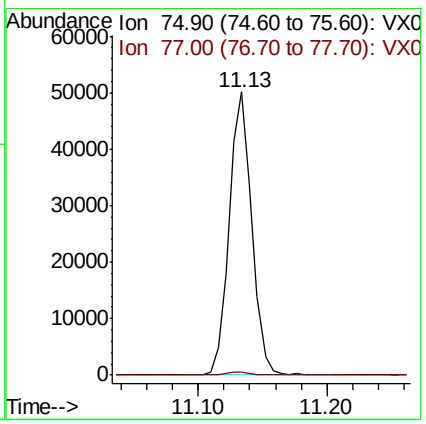


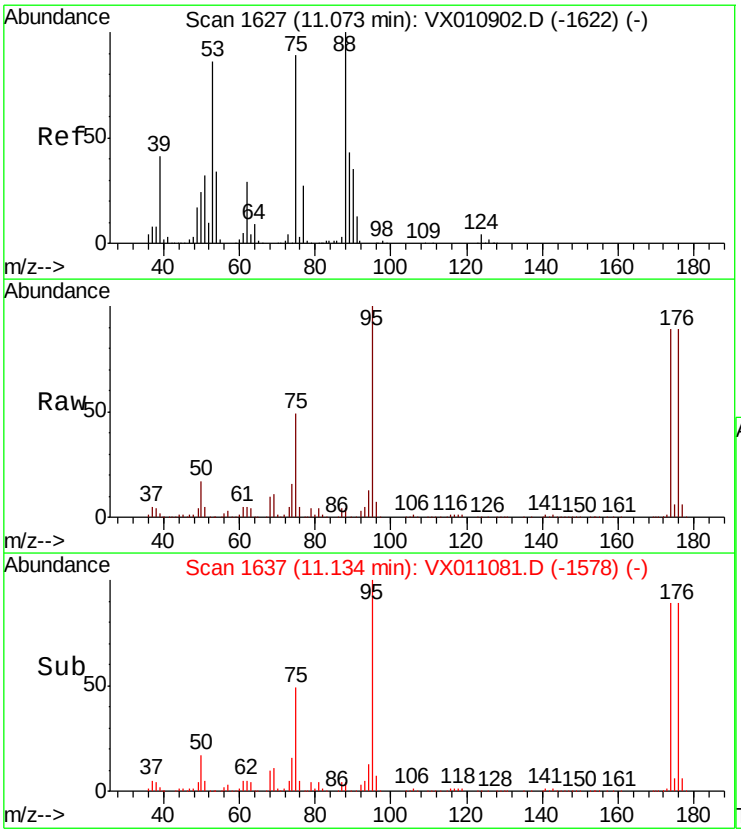
#76
1,2,3-Trichloropropane
Concen: 28.186 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 61596

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.3	64.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.706 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011081.D
Acq: 26 Jul 2019 11:32

Tgt Ion: 75 Resp: 61596

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