Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010960.D
Acq On : 18 Jul 2019 15:46
Operator : JC/SP
Sample : K3884-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:33:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	210456	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	330684	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	304818	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144042	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	110678	49.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.86%				
35) Dibromofluoromethane	5.50	113	102862	49.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.02%				
50) Toluene-d8	8.71	98	395574	50.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.50%				
62) 4-Bromofluorobenzene	11.13	95	137689	47.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	170	0.621	ug/l		81
5) Bromomethane	1.67	94	571	0.513	ug/l	#	69
6) Chloroethane	1.69	64	364	0.290	ug/l	#	54
10) Methyl Iodide	2.52	142	780	0.312	ug/l	#	84
11) Tert butyl alcohol	3.02	59	3400	6.521	ug/l	#	75
13) Acrolein	2.29	56	146	0.485	ug/l	#	9
15) Acrylonitrile	3.14	53	441	0.419	ug/l	#	70
16) Acetone	2.45	43	664	0.657	ug/l	#	80
17) Carbon Disulfide	2.57	76	1062	0.221	ug/l	#	89
36) 1,1-Dichloropropene	5.66	75	14422	5.309	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	19380	6.847	ug/l	#	16
49) 1,4-Dioxane	7.77	88	50	0.802	ug/l	#	18
60) Dibromochloromethane	9.34	129	119	2.571	ug/l	#	11
76) 1,2,3-Trichloropropane	11.13	75	67893	26.120	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	67893	64.888	ug/l	#	11

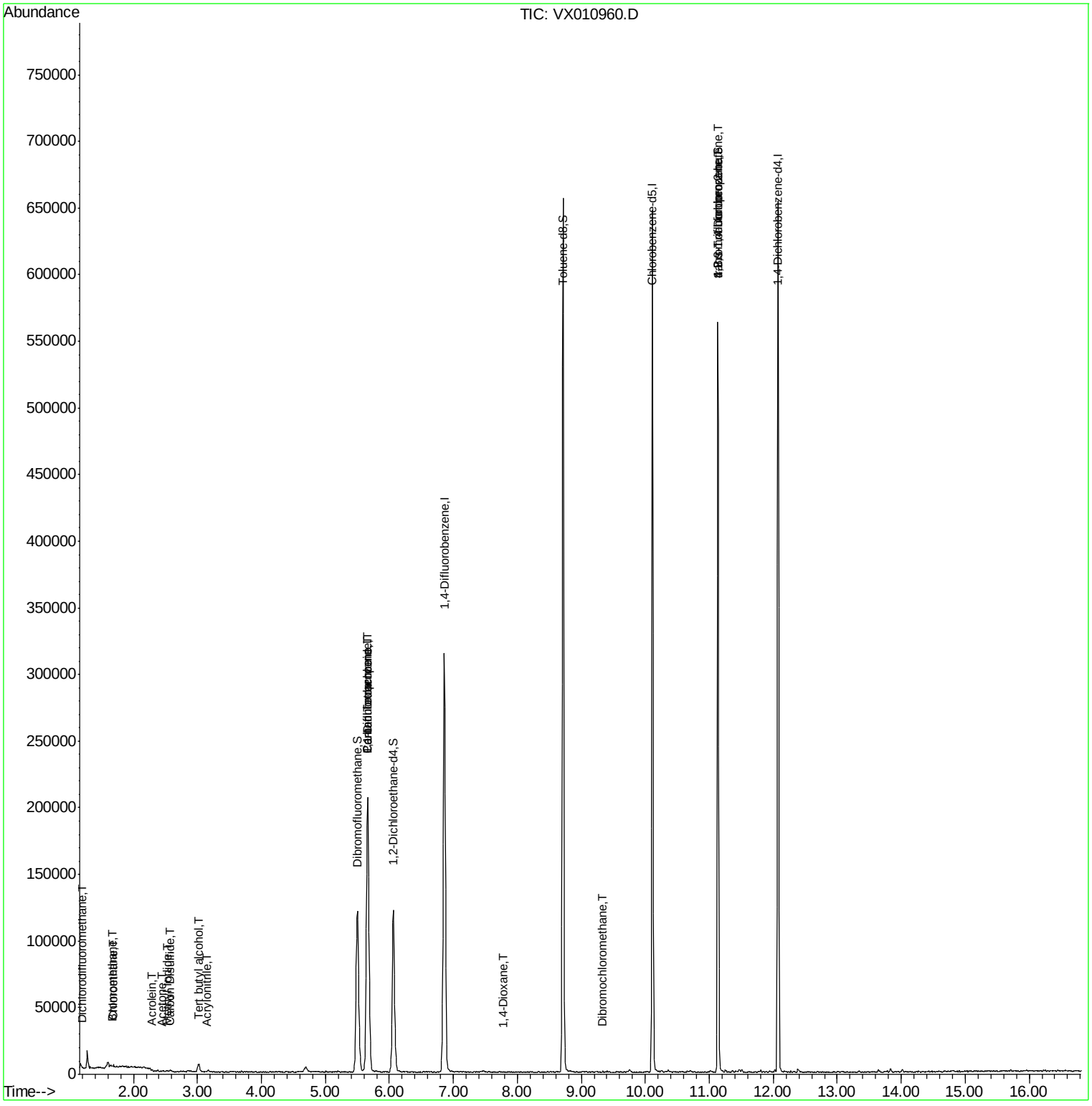
(#) = qualifier out of range (m) = manual integration (+) = signals summed

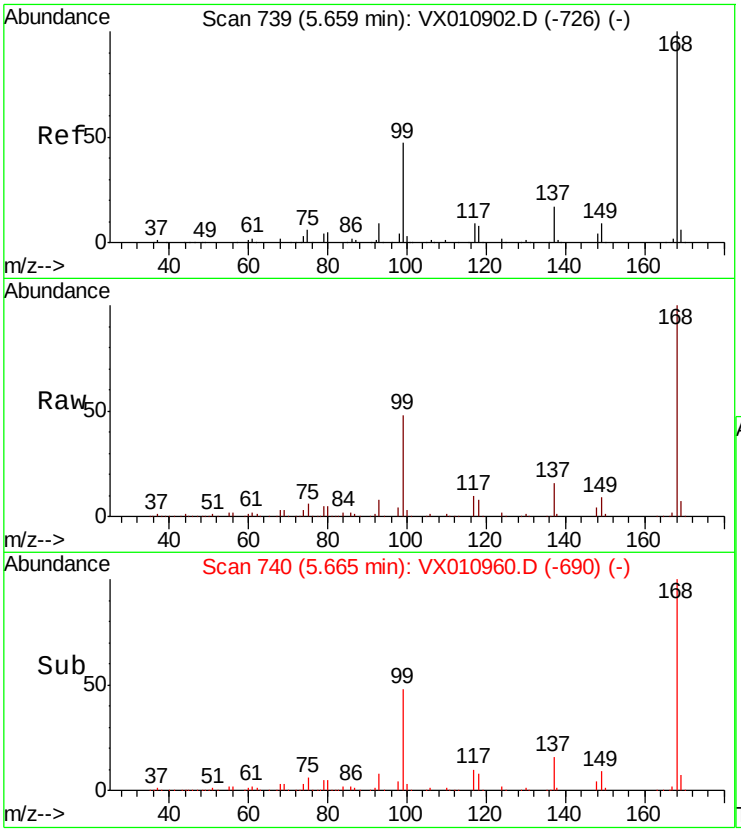
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
Data File : VX010960.D
Acq On : 18 Jul 2019 15:46
Operator : JC/SP
Sample : K3884-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:33:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration



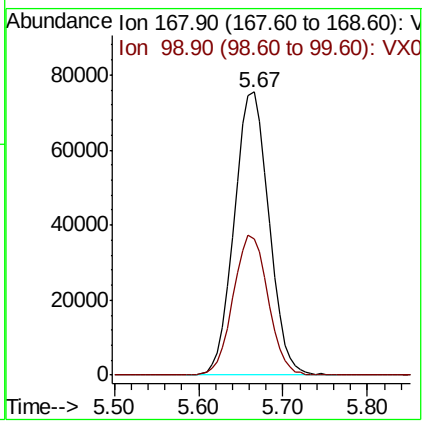


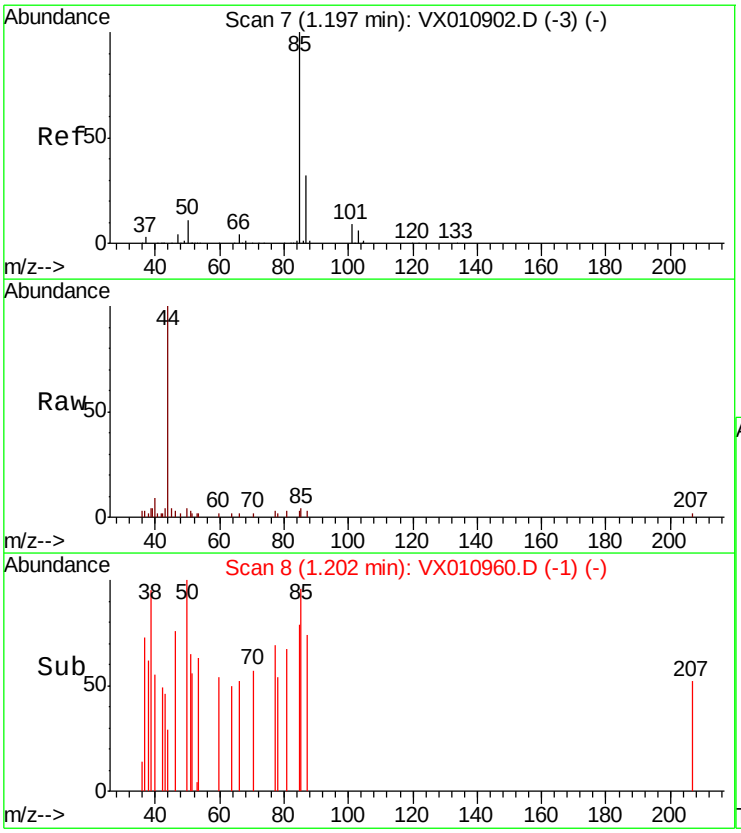
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 210456

Ion	Ratio	Lower	Upper
168	100		
99	47.9	37.6	56.4

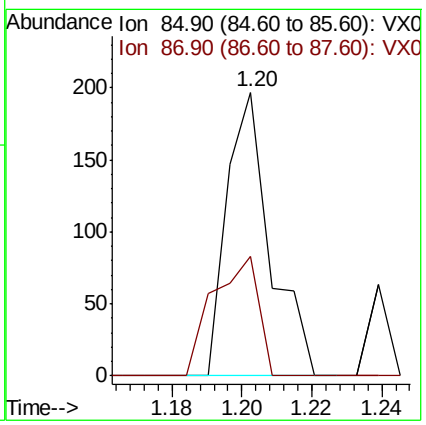


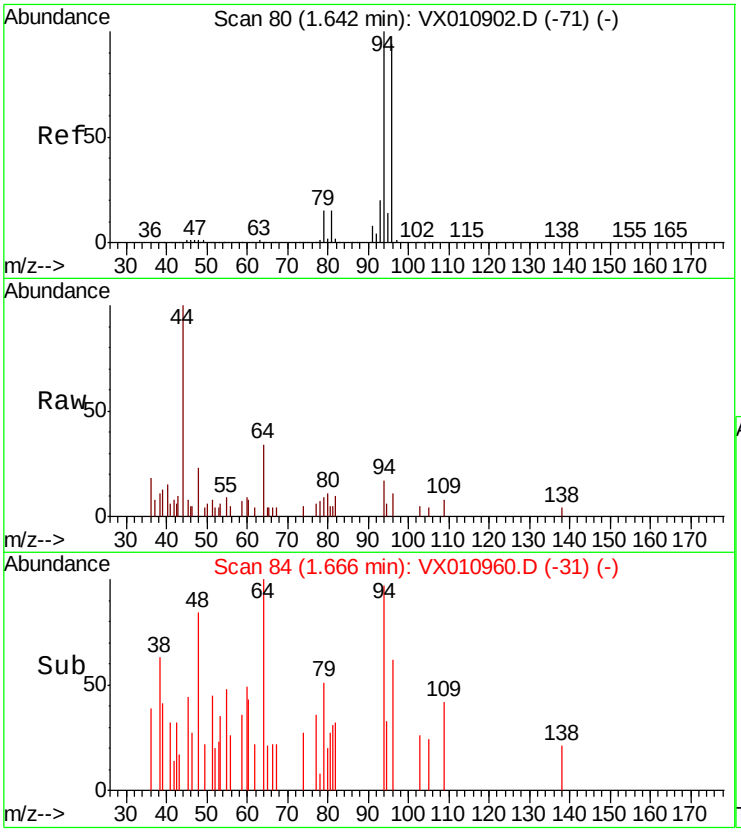


#2
Dichlorodifluoromethane
Concen: 0.621 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 85 Resp: 170

Ion	Ratio	Lower	Upper
85	100		
87	42.1	15.9	47.7



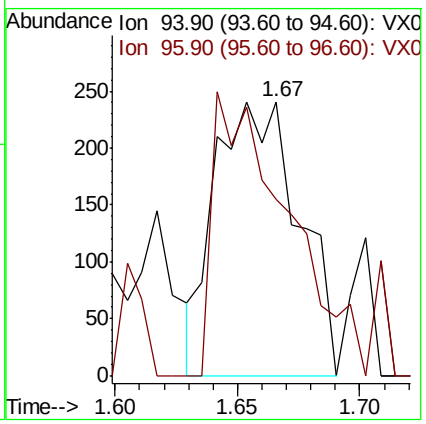


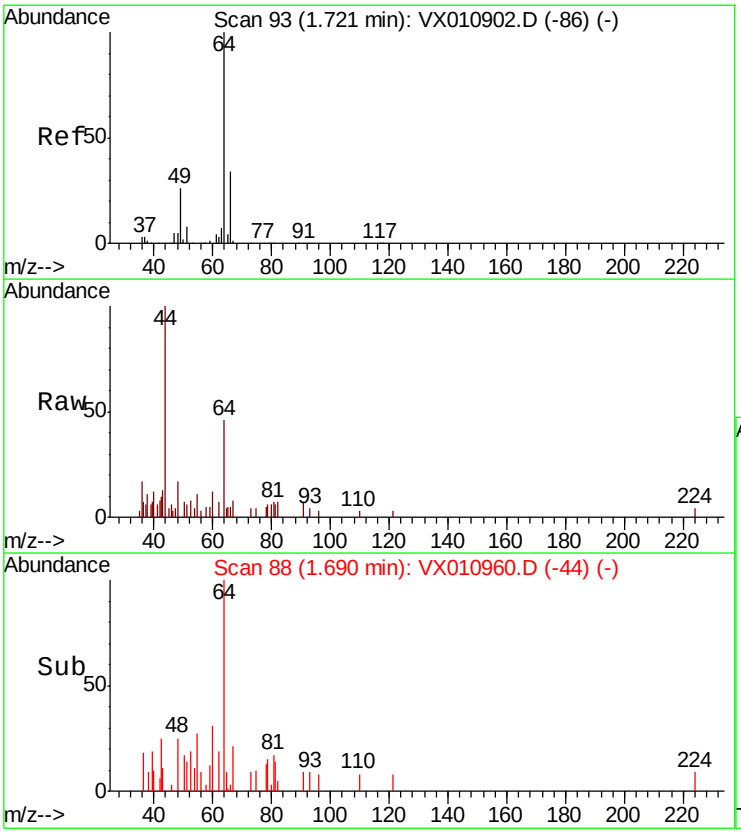
#5
Bromomethane
Concen: 0.513 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.02 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 571

Ion	Ratio	Lower	Upper
94	100		
96	64.3	75.6	113.4#

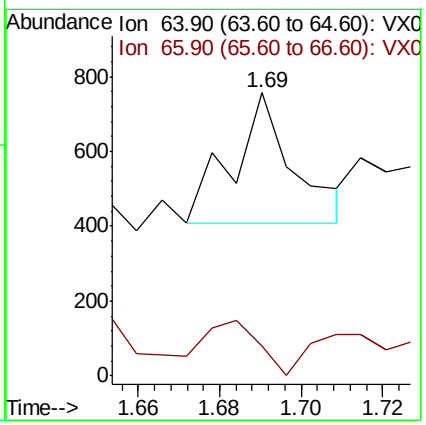


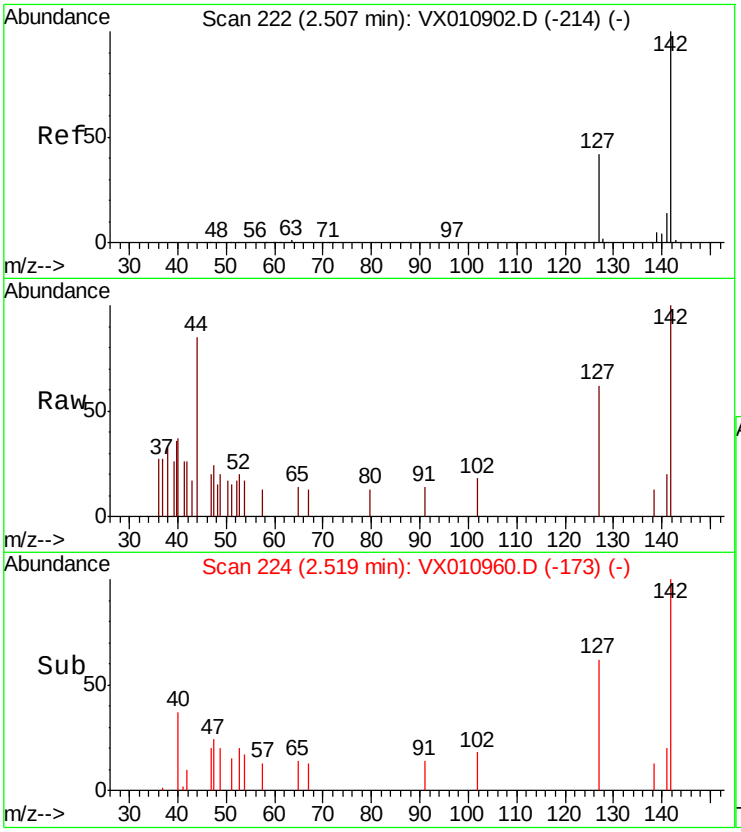


#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.69 min Scan# 88
Delta R.T. -0.03 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 64 Resp: 364

Ion	Ratio	Lower	Upper
64	100		
66	7.7	27.0	40.6#



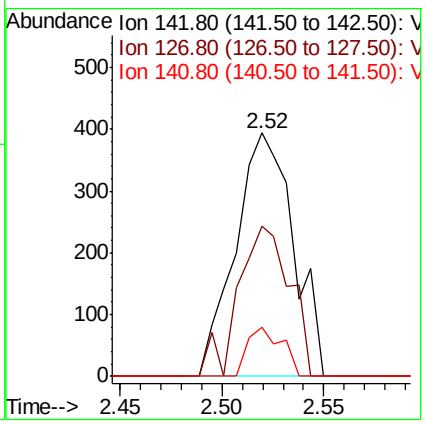


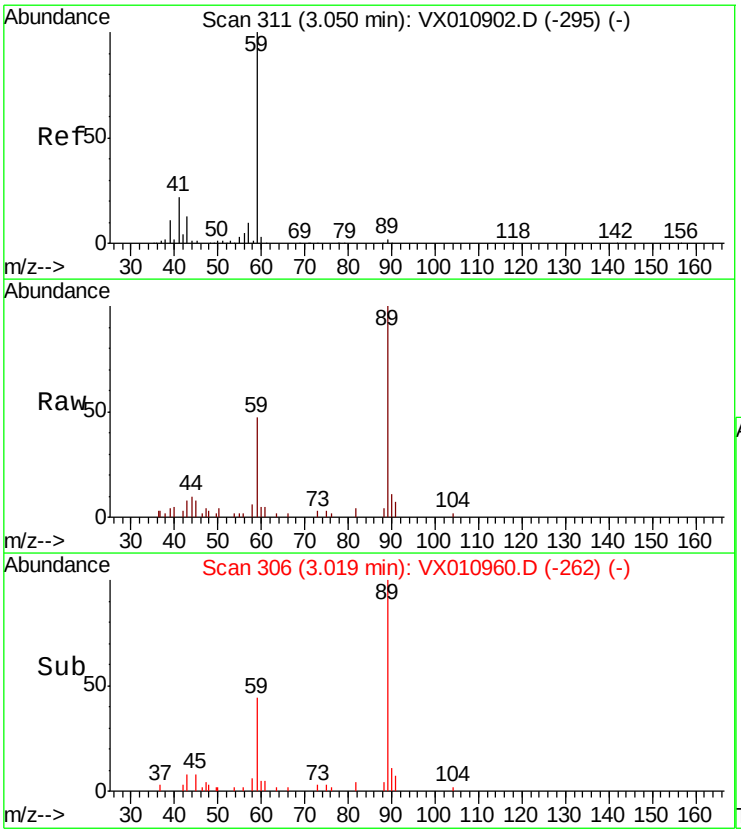
#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 780

Ion	Ratio	Lower	Upper
142	100		
127	54.9	34.2	51.4#
141	11.9	11.7	17.5

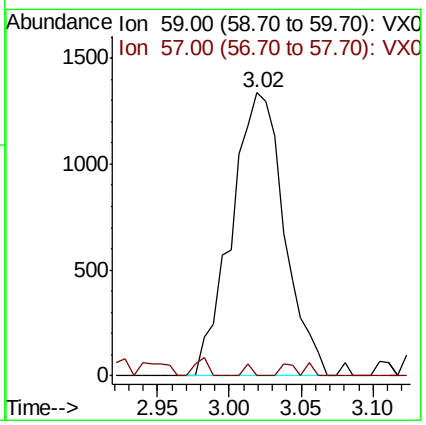


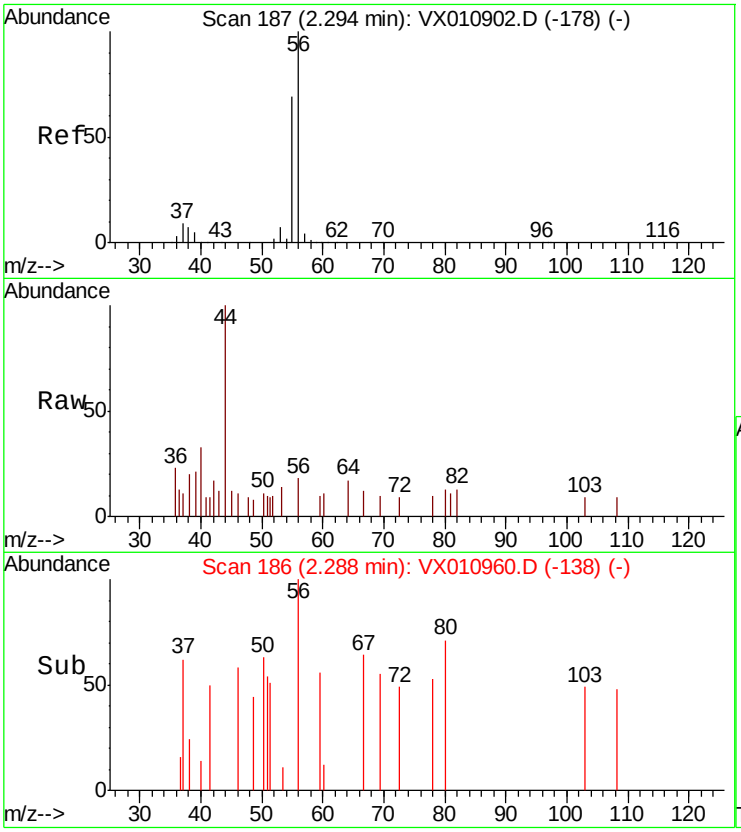


#11
Tert butyl alcohol
Concen: 6.521 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 59 Resp: 3400

Ion	Ratio	Lower	Upper
59	100		
57	0.6	7.9	11.9#



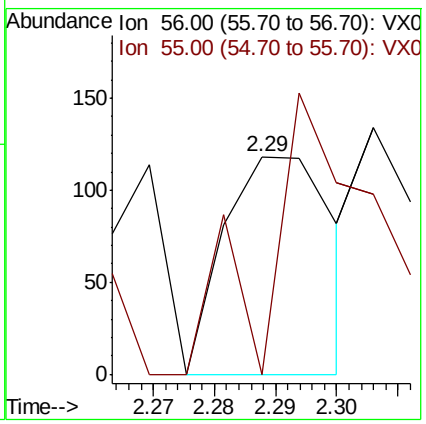


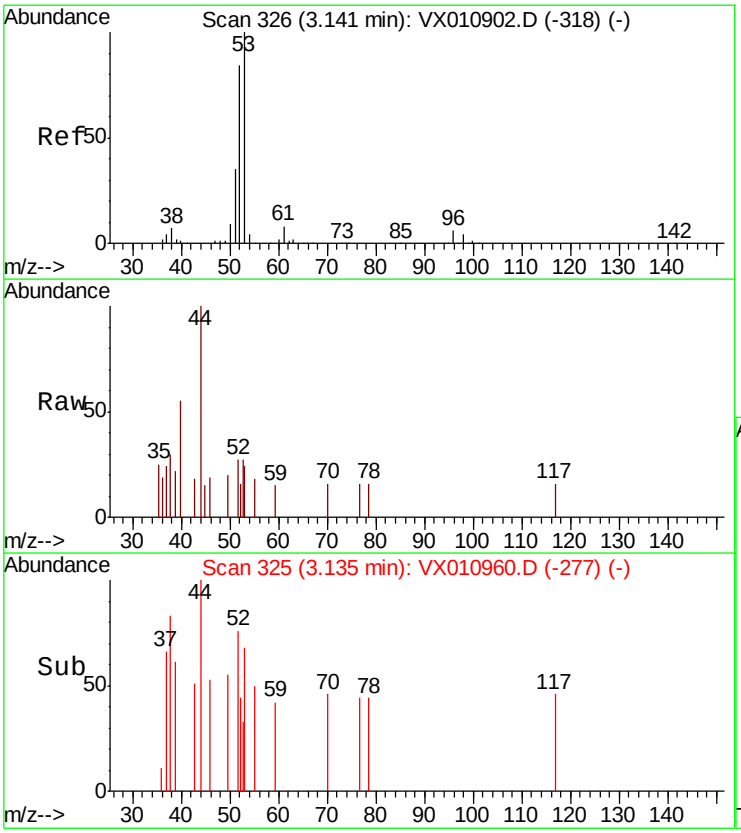
#13
Acrolein
Concen: 0.485 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 146

Ion	Ratio	Lower	Upper
56	100		
55	144.5	55.9	83.9#

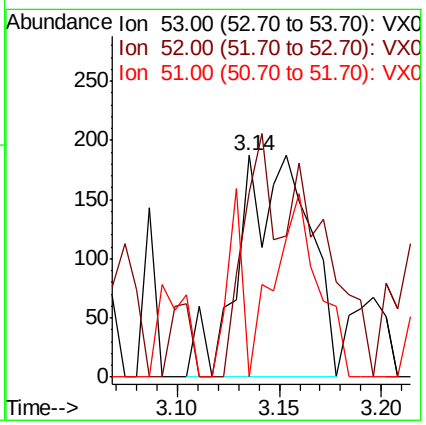


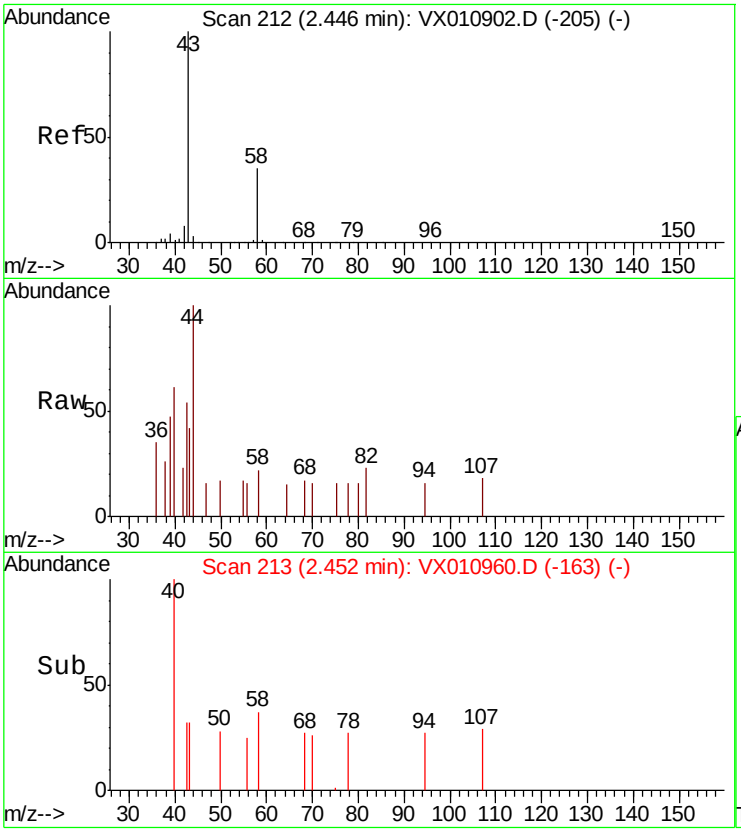


#15
Acrylonitrile
Concen: 0.419 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 53 Resp: 441

Ion	Ratio	Lower	Upper
53	100		
52	56.7	66.5	99.7#
51	17.7	28.2	42.4#



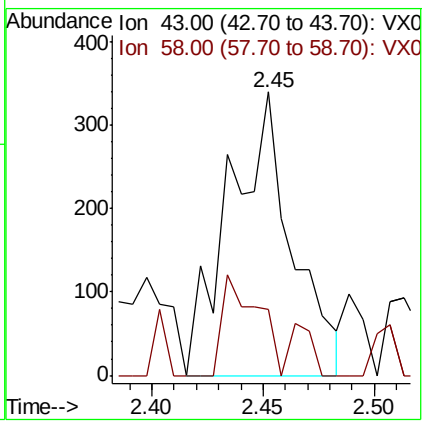


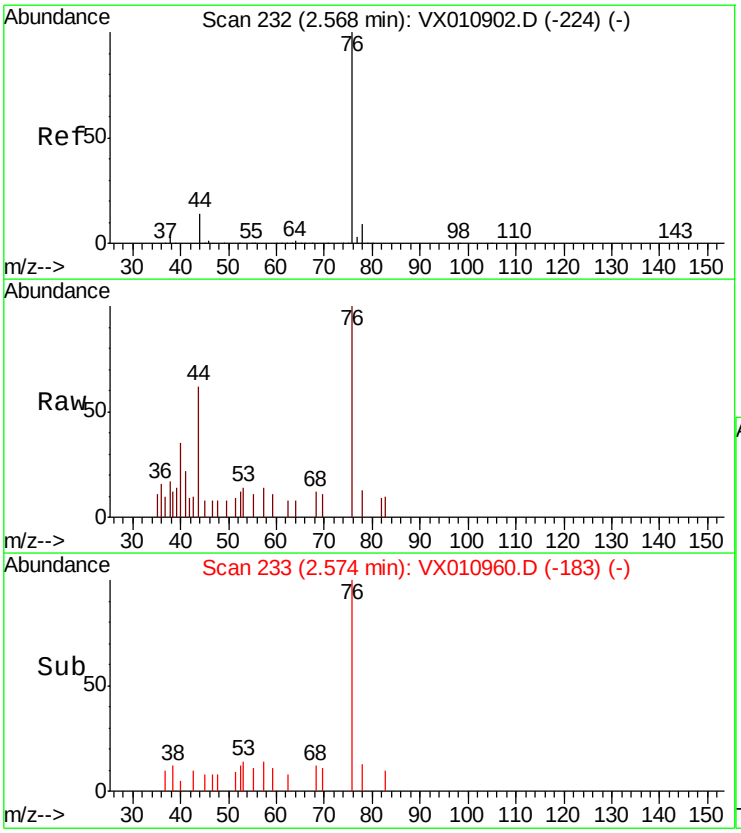
#16
Acetone
Concen: 0.657 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 664

Ion	Ratio	Lower	Upper
43	100		
58	23.2	27.7	41.5#

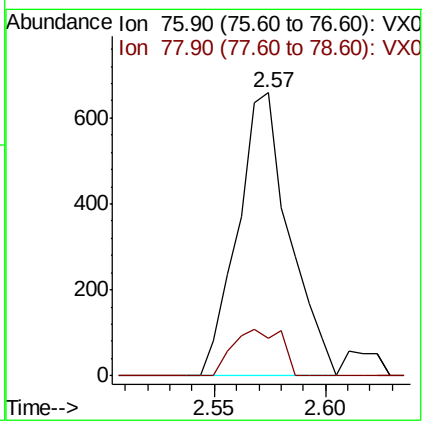


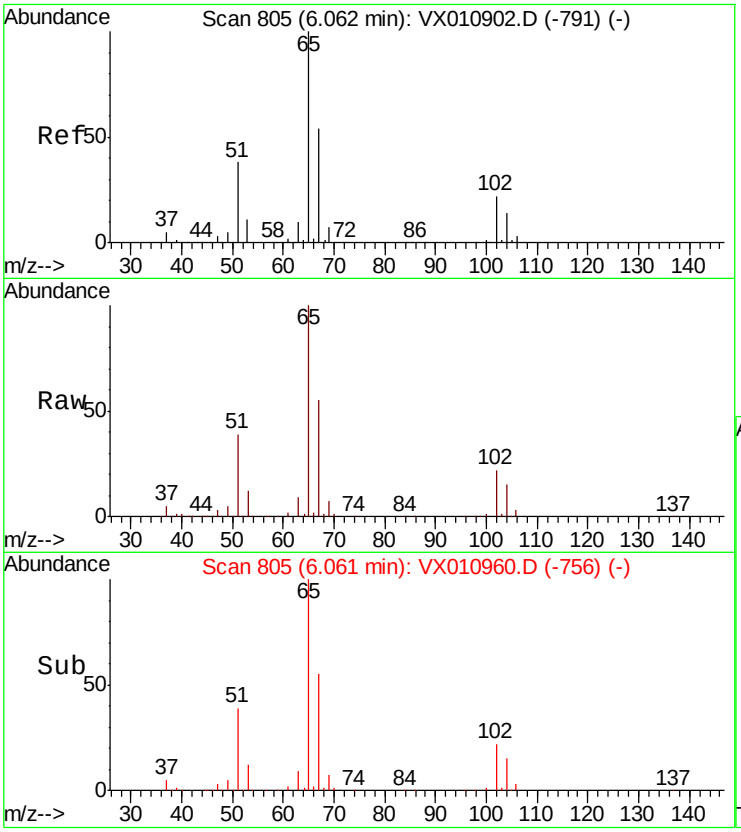


#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 76 Resp: 1062

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.4	11.0#



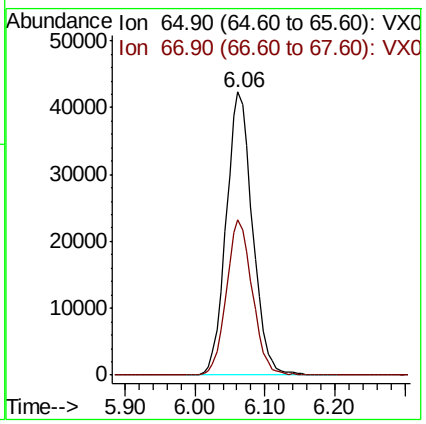


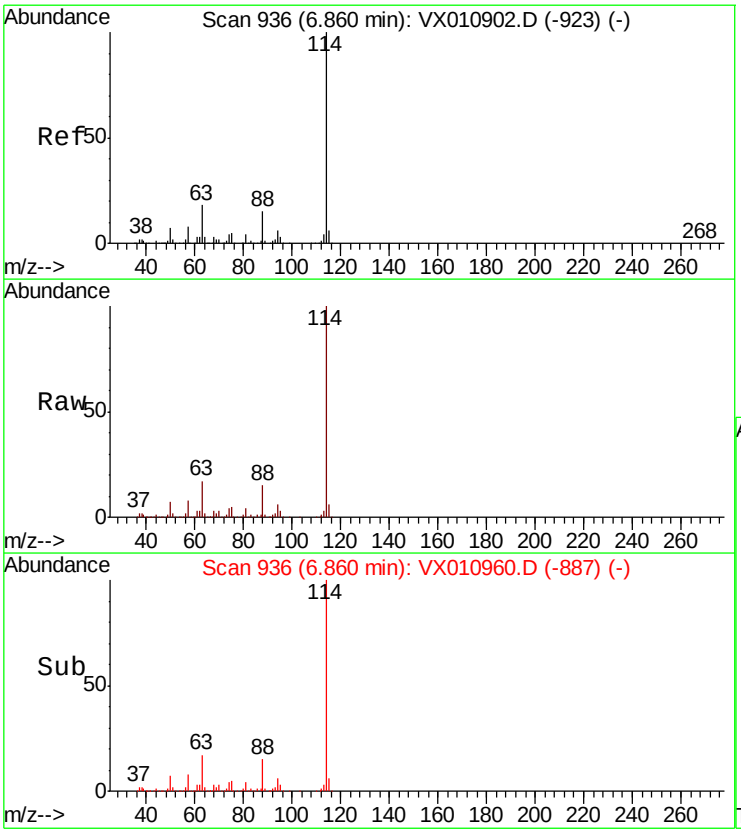
#33
1,2-Dichloroethane-d4
Concen: 49.433 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 110678

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.8

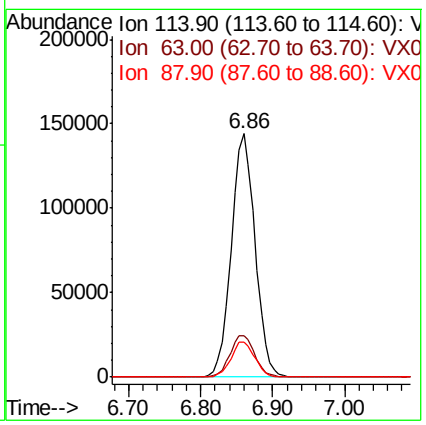


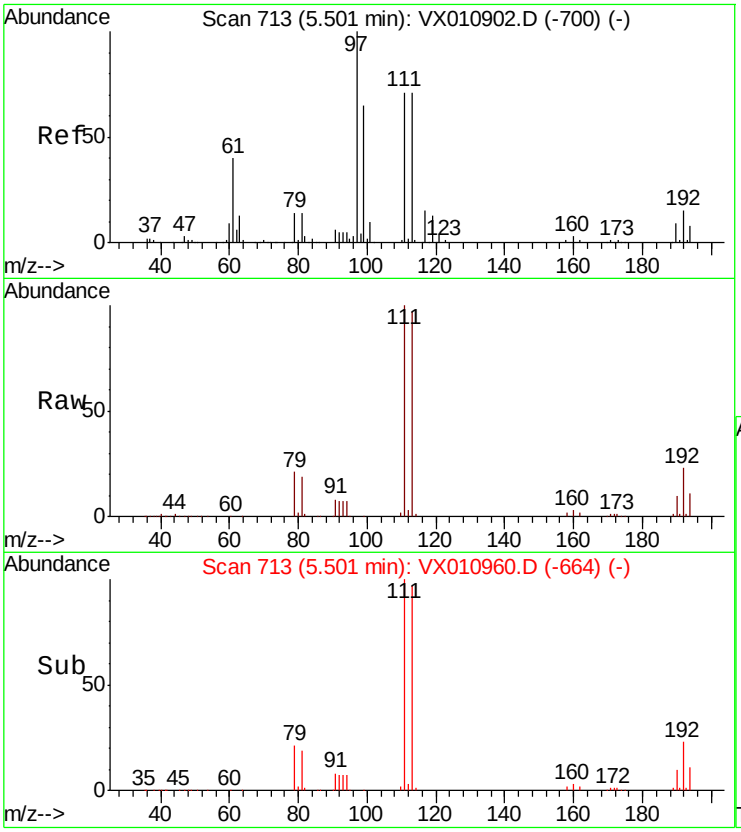


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion:114 Resp: 330684

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.6
88	14.6	0.0	29.8



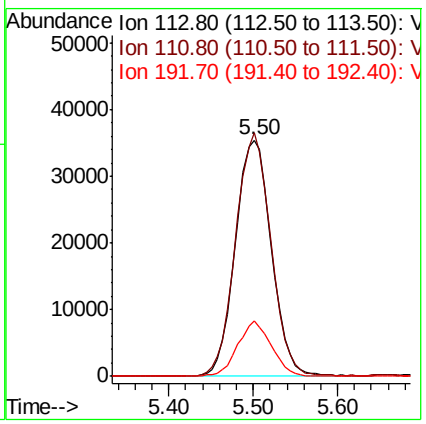


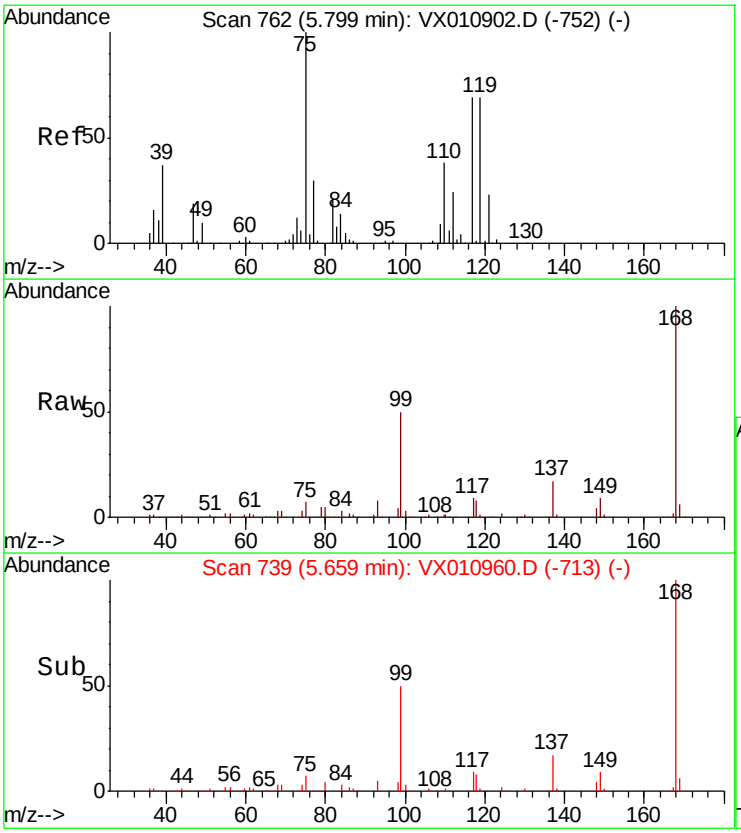
#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 102862

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.3	123.5
192	21.9	17.4	26.2

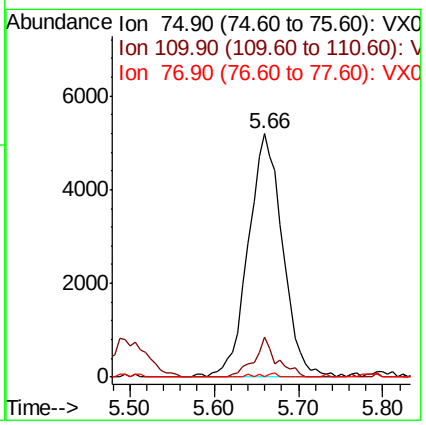


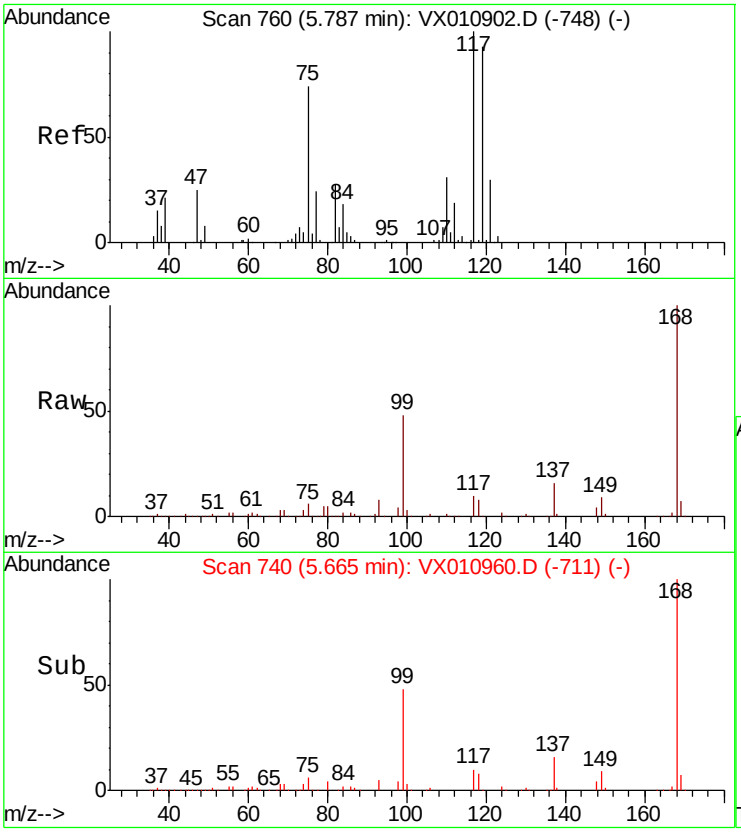


#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 75 Resp: 14422

Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.9	59.7#
77	0.6	25.0	37.4#



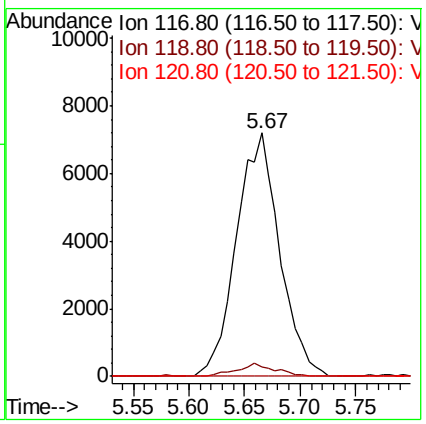


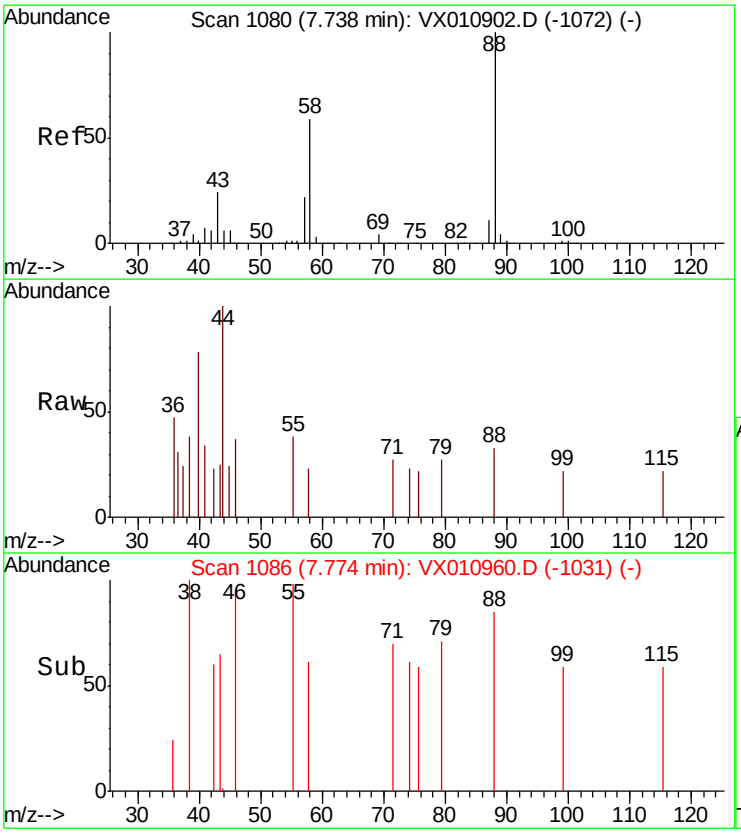
#38
Carbon Tetrachloride
Concen: 6.847 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19380

Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.2	111.2#
121	0.0	24.2	36.2#

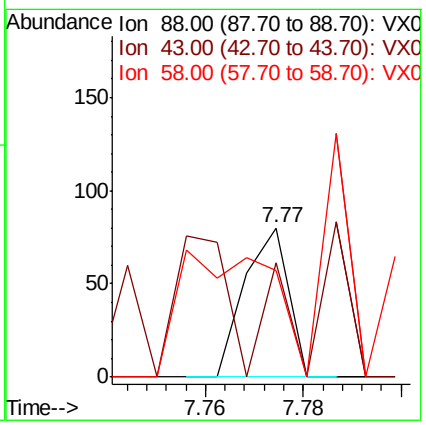


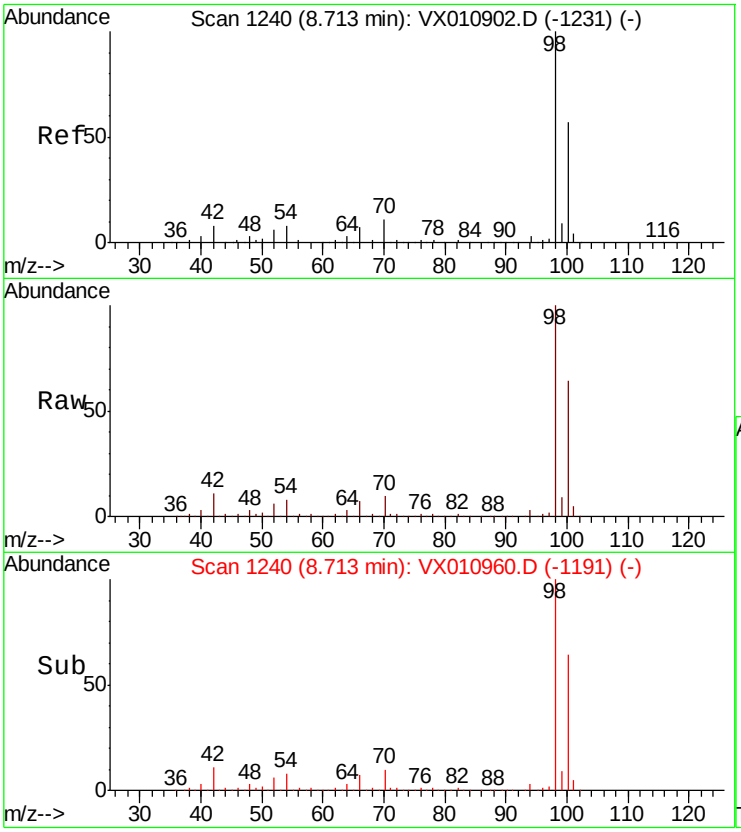


#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	44.0	22.9	34.3#
58	144.0	49.8	74.8#



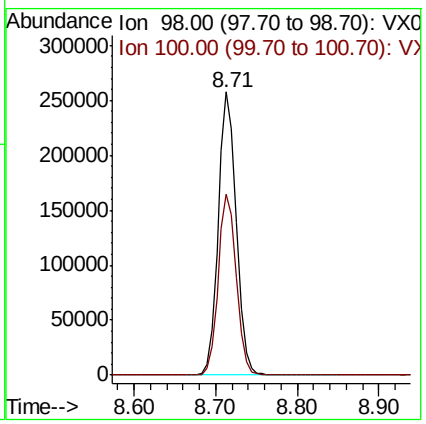


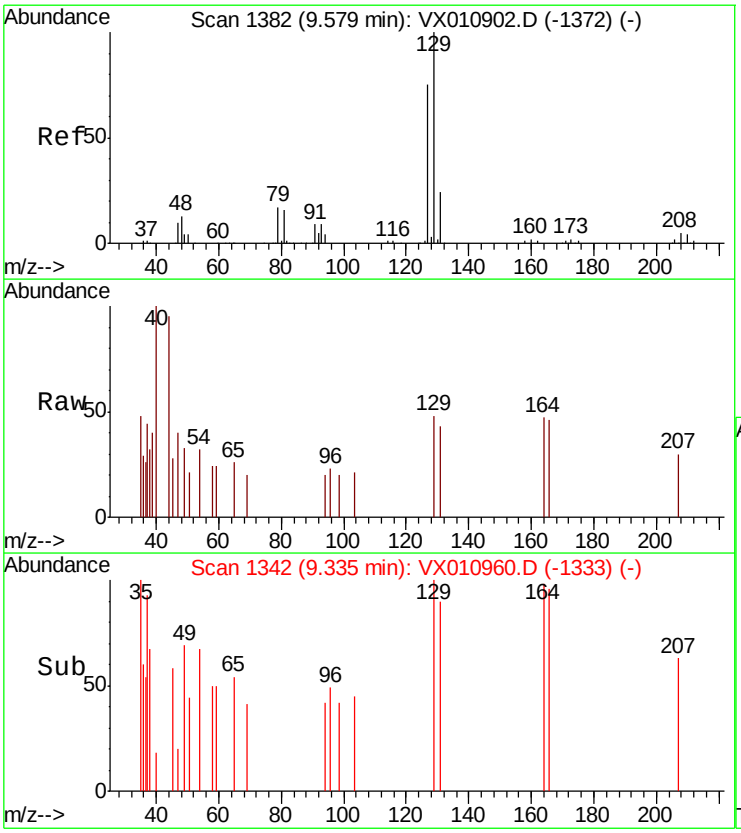
#50
Toluene-d8
Concen: 50.249 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 395574

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8

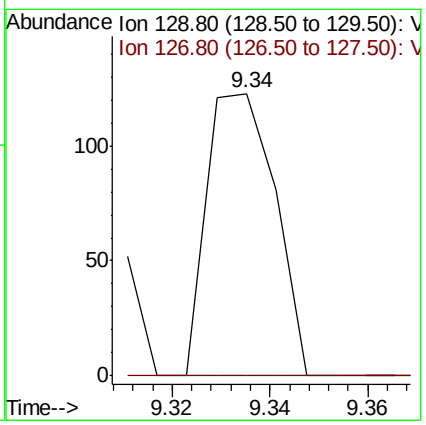


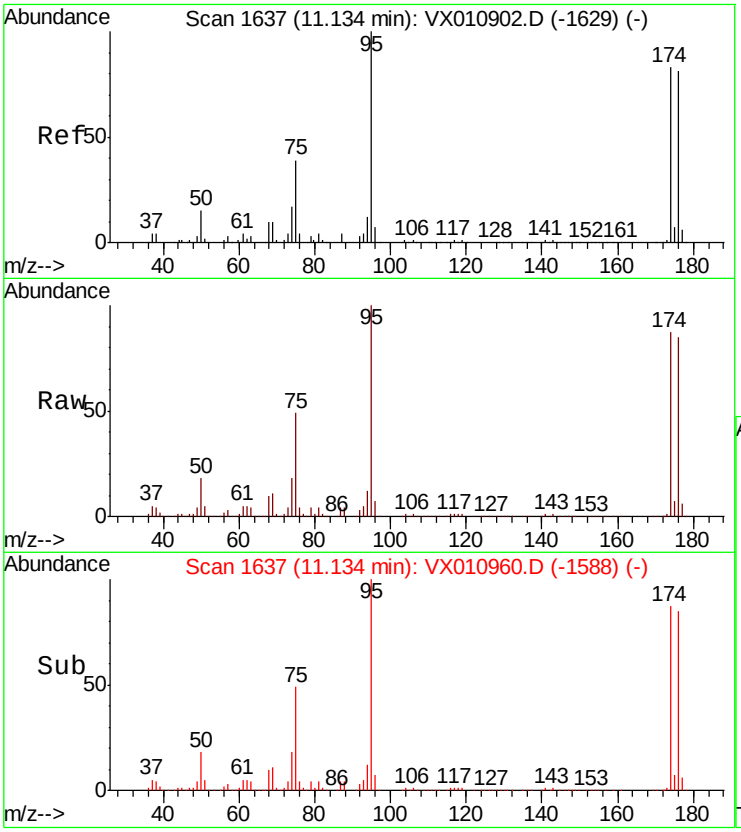


#60
Dibromochloromethane
Concen: 2.571 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion:129 Resp: 119

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#



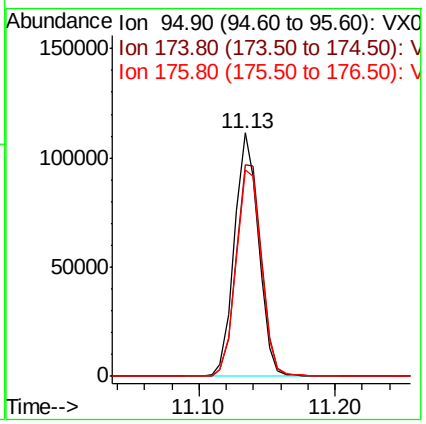


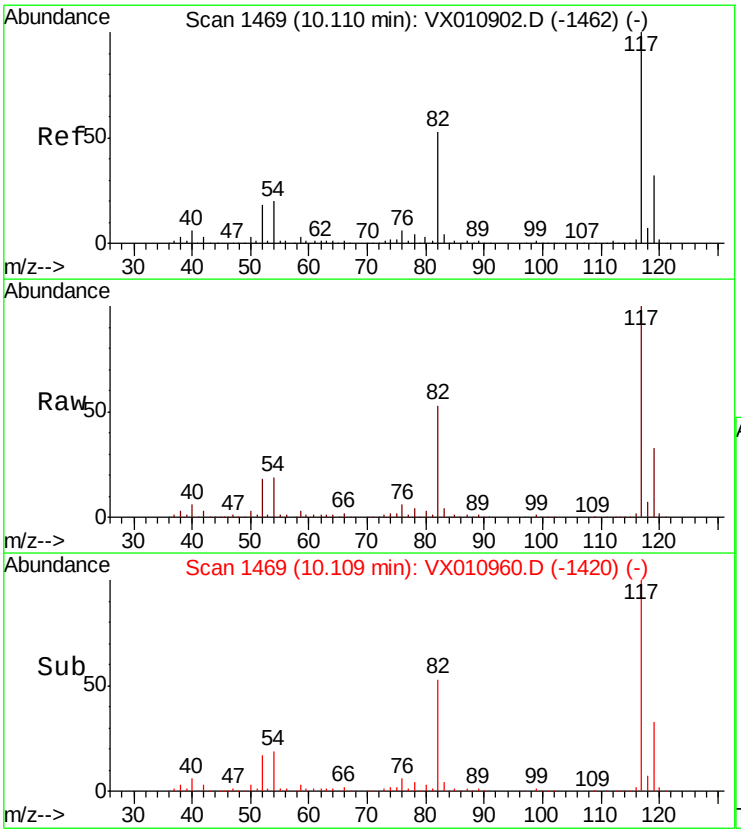
#62
4-Bromofluorobenzene
Concen: 47.584 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 137689

Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	180.6
176	89.0	0.0	173.8

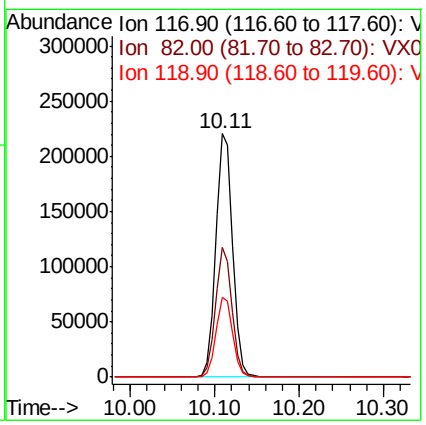


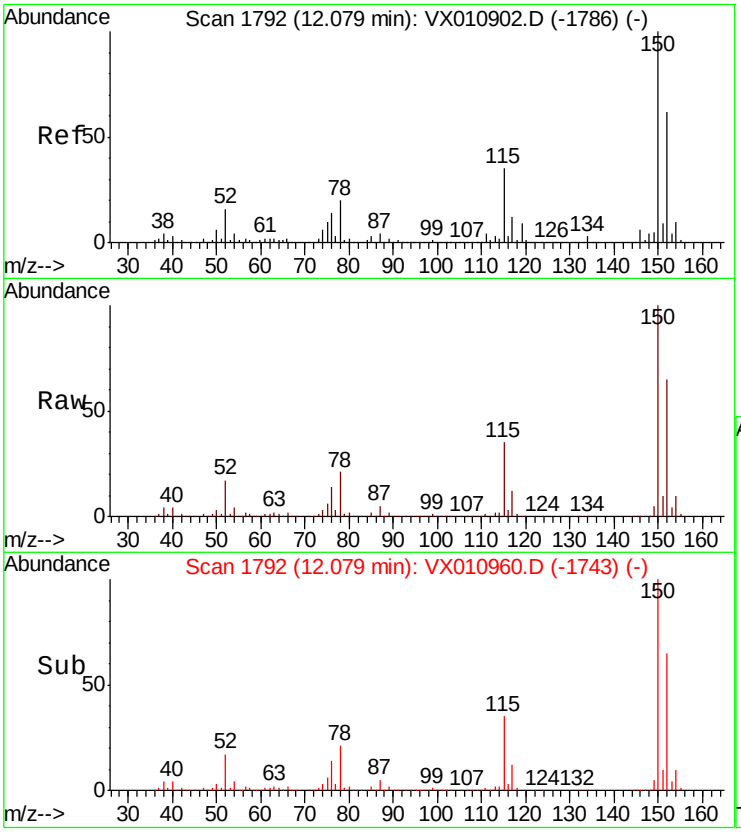


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion:117 Resp: 304818

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	63.8
119	32.6	25.9	38.9



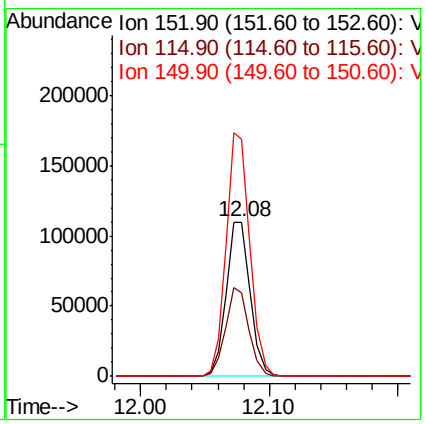


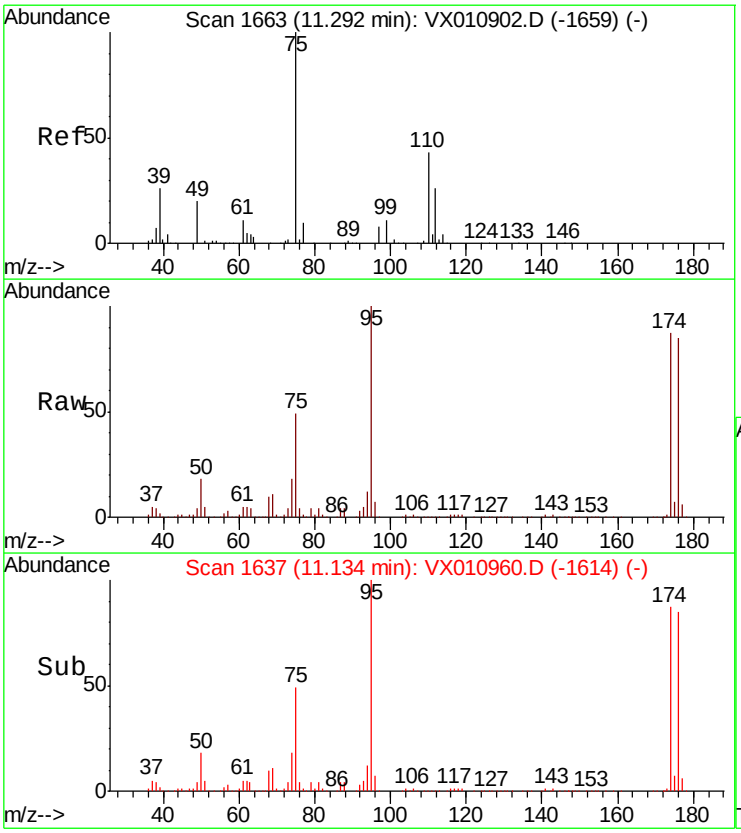
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 144042

Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.7	119.1
150	155.6	0.0	345.6

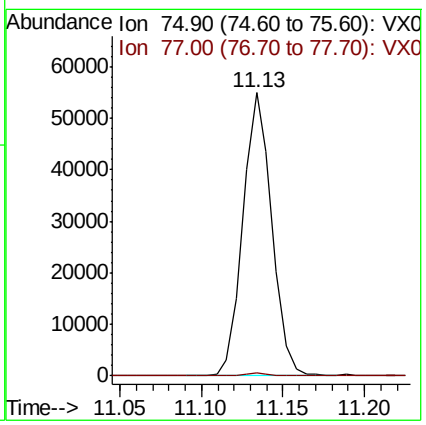


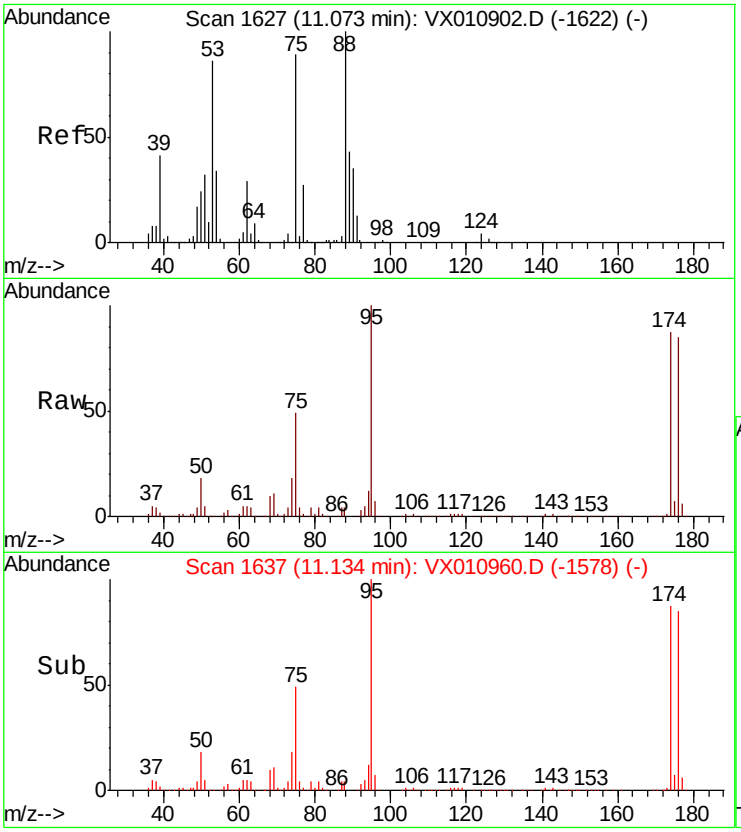


#76
1,2,3-Trichloropropane
Concen: 26.120 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Tgt Ion: 75 Resp: 67893

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.3	64.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.888 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010960.D
Acq: 18 Jul 2019 15:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 67893

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