Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
Data File : VX011270.D
Acq On : 01 Aug 2019 20:07
Operator : JC/SP
Sample : K4118-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-20190730

Quant Time: Aug 02 02:07:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	142736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	74264	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.32%			
35) Dibromofluoromethane	5.49	113	71922	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.52%			
50) Toluene-d8	8.71	98	274676	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.64%			
62) 4-Bromofluorobenzene	11.13	95	92100	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	280	0.226	ug/l #	66
5) Bromomethane	1.64	94	965	0.994	ug/l #	49
6) Chloroethane	1.70	64	170	Below Cal	#	82
10) Methyl Iodide	2.51	142	992	0.601	ug/l #	91
11) Tert butyl alcohol	3.01	59	2143	7.499	ug/l #	75
13) Acrolein	2.29	56	224	0.837	ug/l	92
14) Allyl chloride	2.73	41	525	0.303	ug/l #	52
15) Acrylonitrile	3.14	53	391	0.572	ug/l #	71
16) Acetone	2.43	43	522	0.763	ug/l #	85
17) Carbon Disulfide	2.56	76	1382	0.453	ug/l	100
20) Methylene Chloride	2.84	84	383	0.256	ug/l #	35
25) 2-Butanone	4.68	43	307	0.315	ug/l #	46
29) Tetrahydrofuran	5.12	42	337	0.565	ug/l #	33
38) Carbon Tetrachloride	5.65	117	13178	6.504	ug/l #	15
41) Methacrylonitrile	5.00	41	226	0.205	ug/l #	42
49) 1,4-Dioxane	7.63	88	24	0.545	ug/l #	1
53) t-1,3-Dichloropropene	9.05	75	206	2.925	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	44981	25.028	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	44981	65.307	ug/l #	10
96) 1,2,3-Trichlorobenzene	14.01	180	491	0.219	ug/l	82

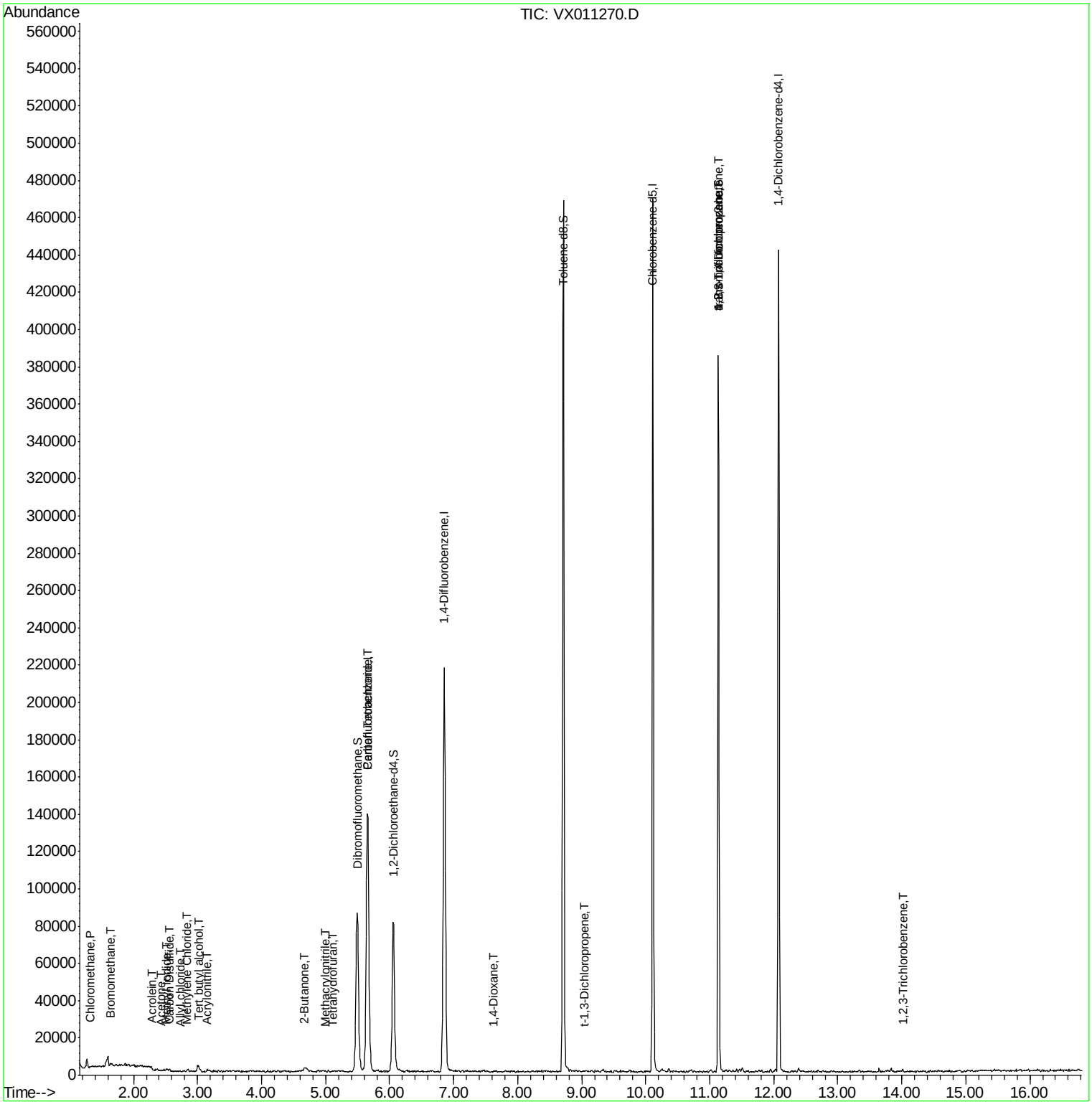
(#) = qualifier out of range (m) = manual integration (+) = signals summed

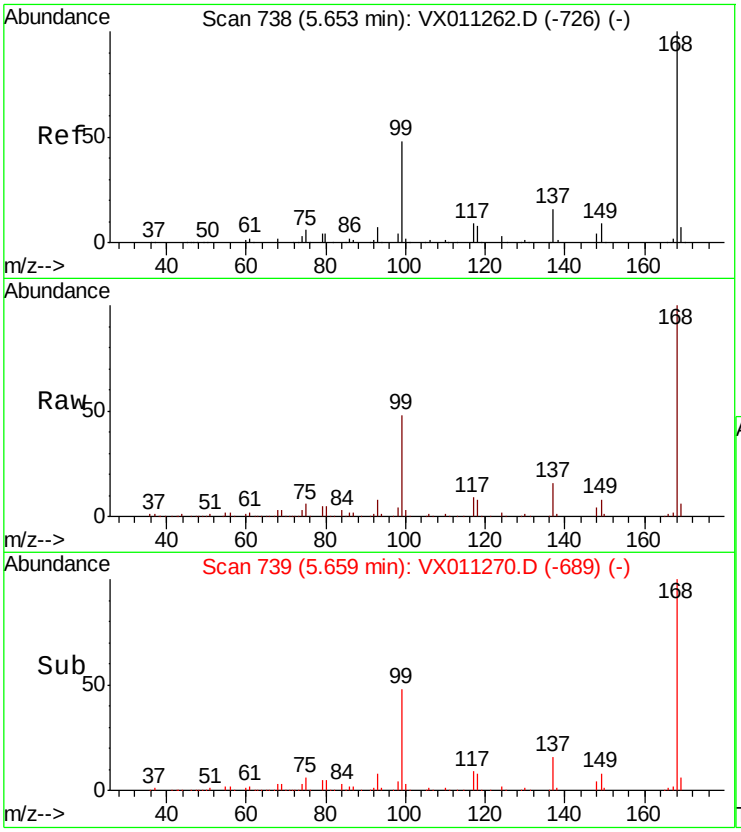
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
Data File : VX011270.D
Acq On : 01 Aug 2019 20:07
Operator : JC/SP
Sample : K4118-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Quant Time: Aug 02 02:07:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



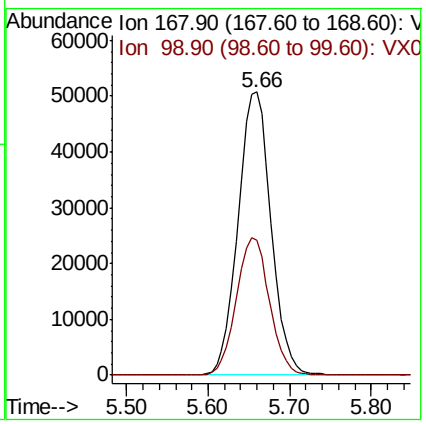


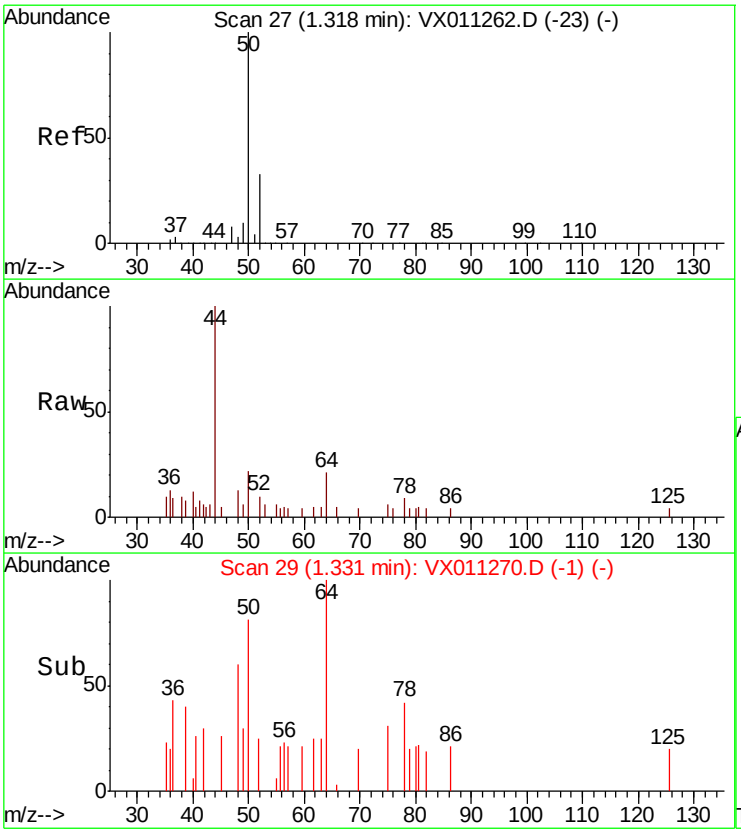
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion:168 Resp: 142736

Ion	Ratio	Lower	Upper
168	100		
99	47.9	38.5	57.7

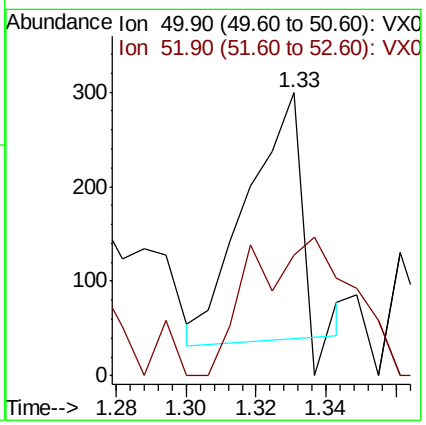


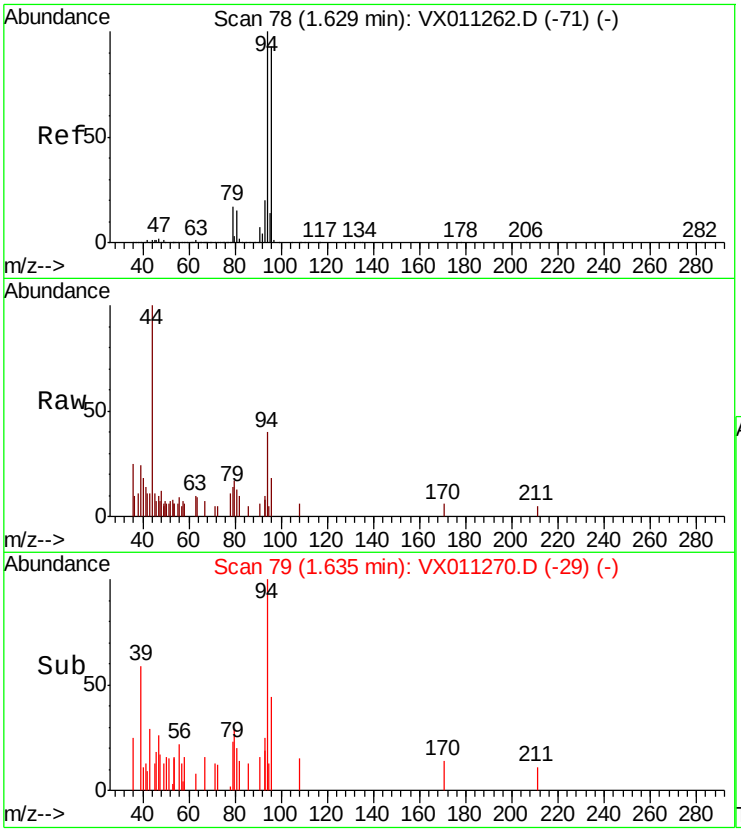


#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 50 Resp: 280

Ion	Ratio	Lower	Upper
50	100		
52	52.5	26.4	39.6#



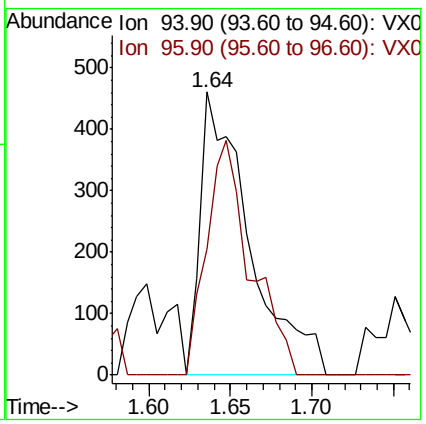


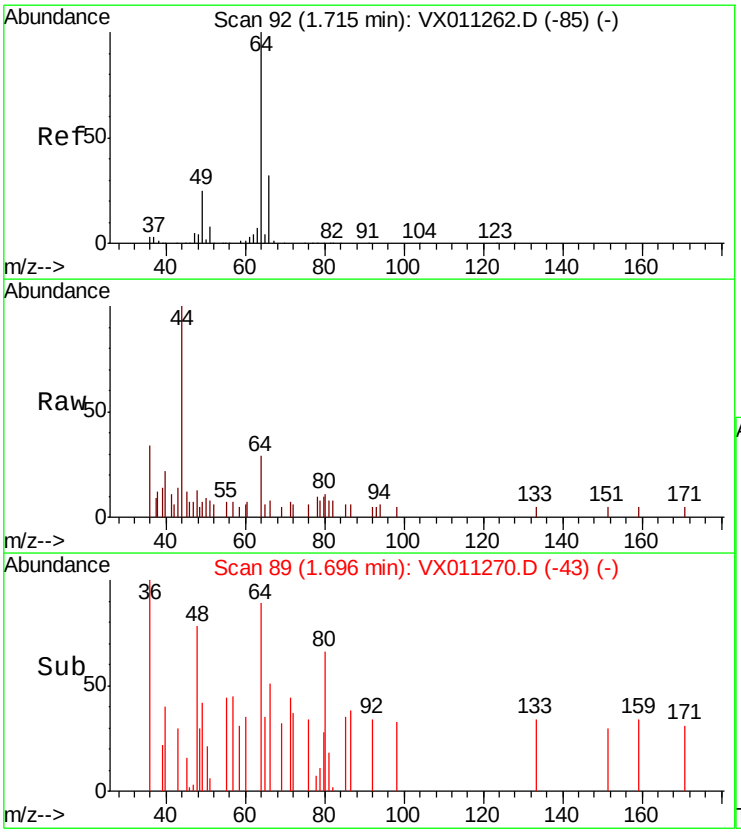
#5
Bromomethane
Concen: 0.994 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 94 Resp: 965

Ion	Ratio	Lower	Upper
94	100		
96	44.5	74.6	112.0#

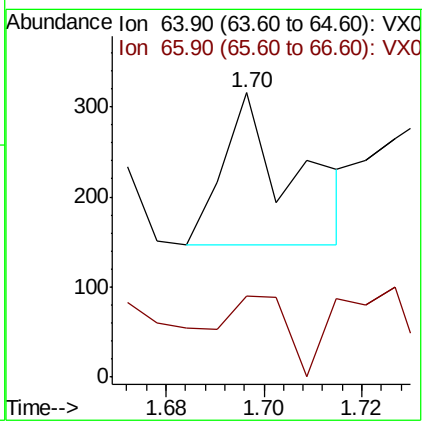


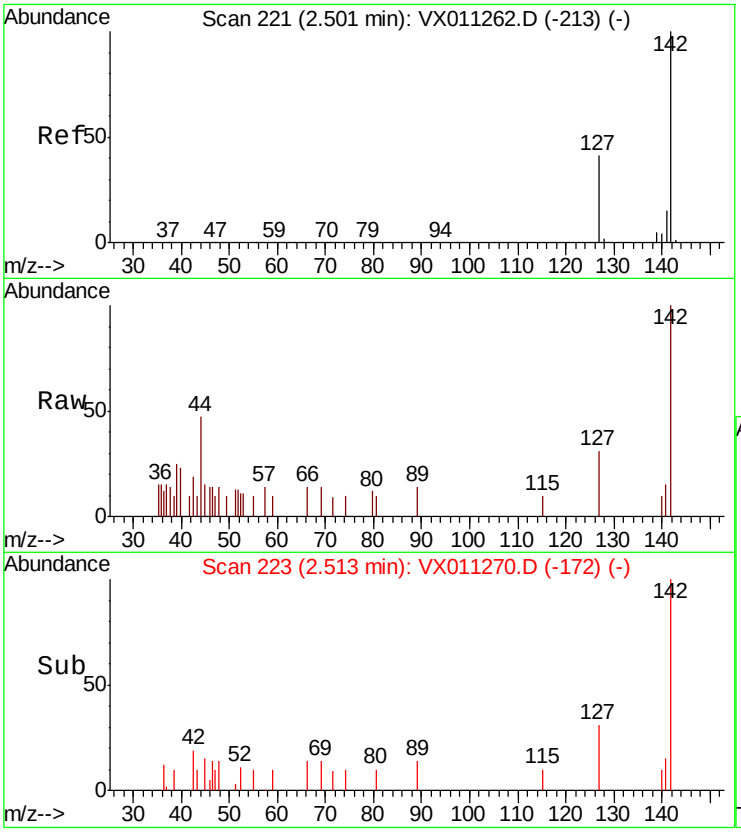


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 64 Resp: 170

Ion	Ratio	Lower	Upper
64	100		
66	21.2	25.1	37.7#



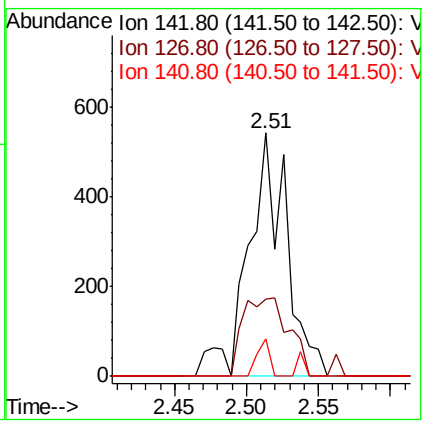


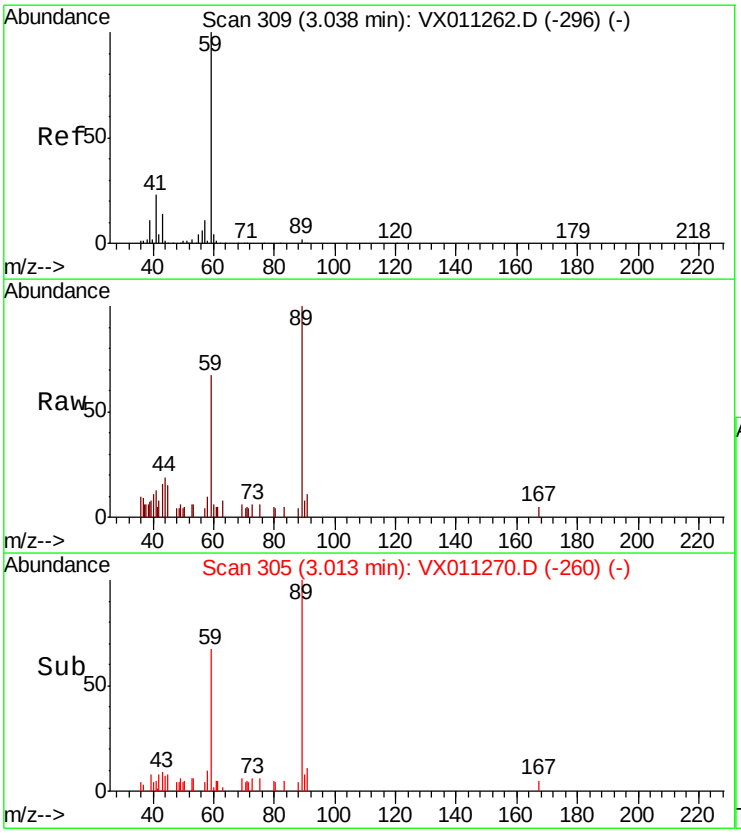
#10
Methyl Iodide
Concen: 0.601 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument : MSVOA_X
ClientSampleId : TB-20190730

Tgt Ion:142 Resp: 992

Ion	Ratio	Lower	Upper
142	100		
127	39.2	33.8	50.8
141	4.9	11.4	17.2#

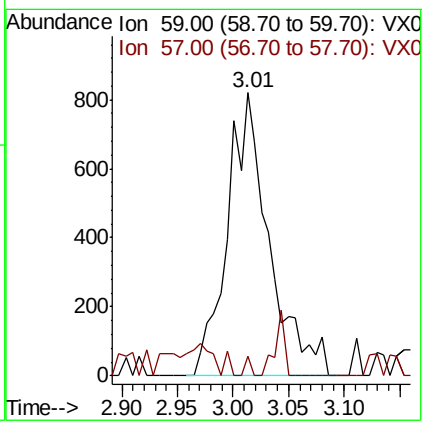


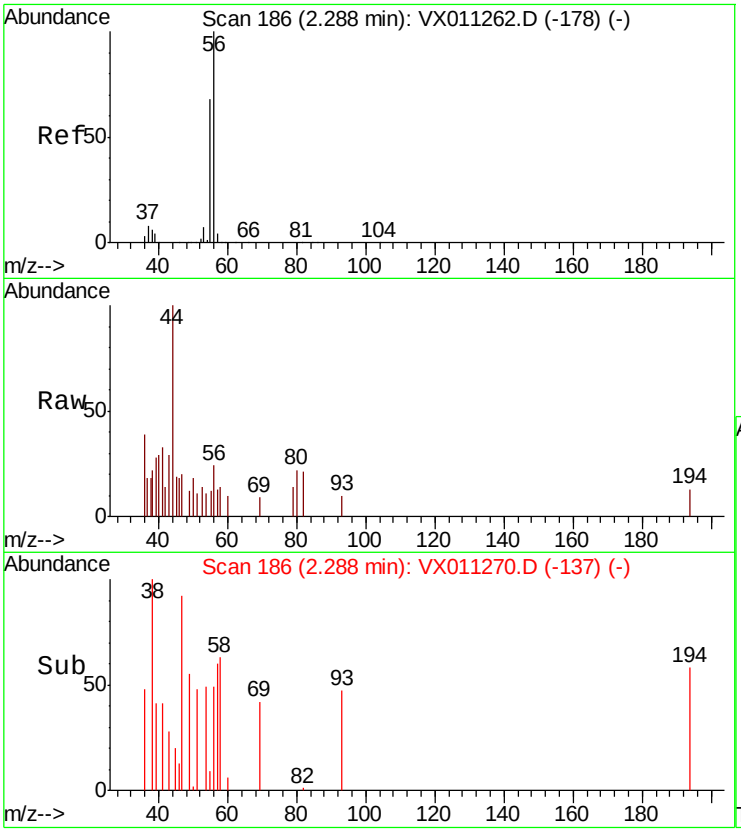


#11
Tert butyl alcohol
Concen: 7.499 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 59 Resp: 2143

Ion	Ratio	Lower	Upper
59	100		
57	0.9	8.3	12.5#



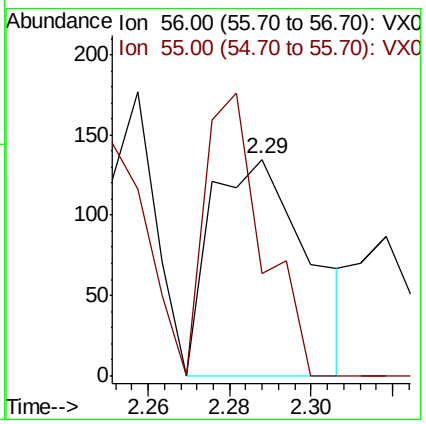


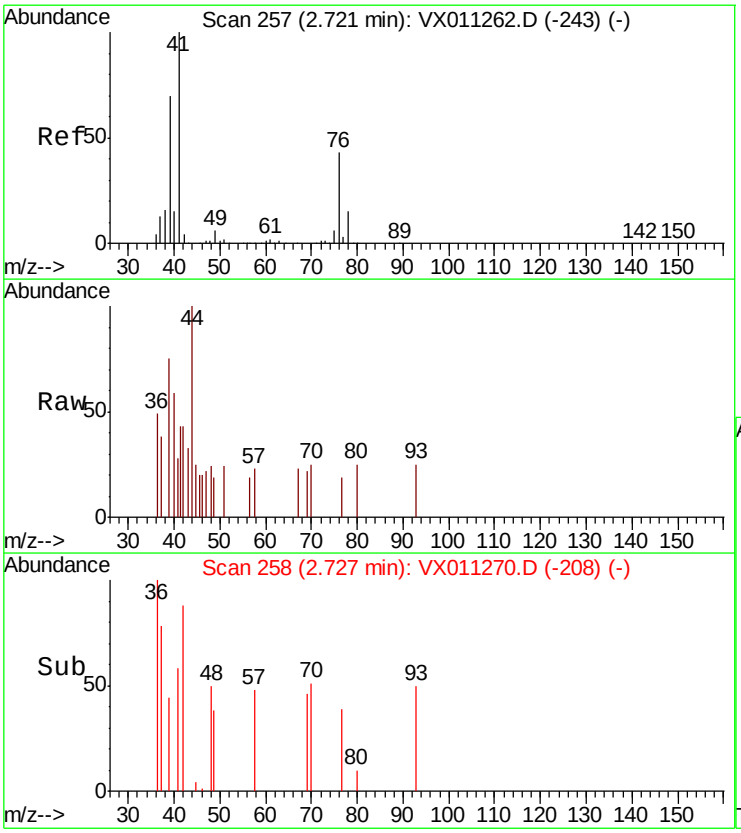
#13
Acrolein
Concen: 0.837 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	76.8	56.0	84.0

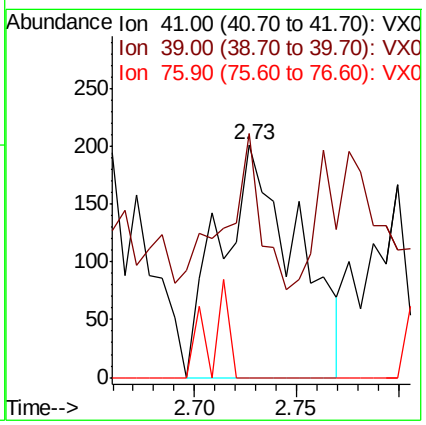


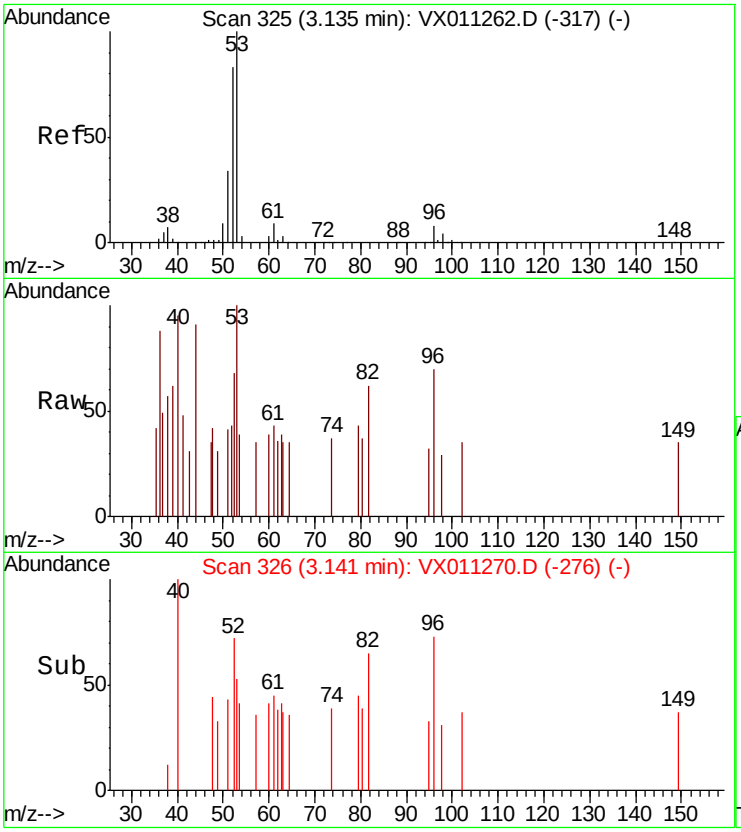


#14
Allyl chloride
Concen: 0.303 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 41 Resp: 525

Ion	Ratio	Lower	Upper
41	100		
39	35.4	52.8	79.2#
76	0.0	31.1	46.7#



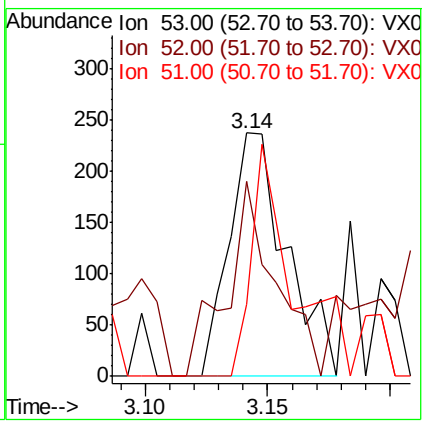


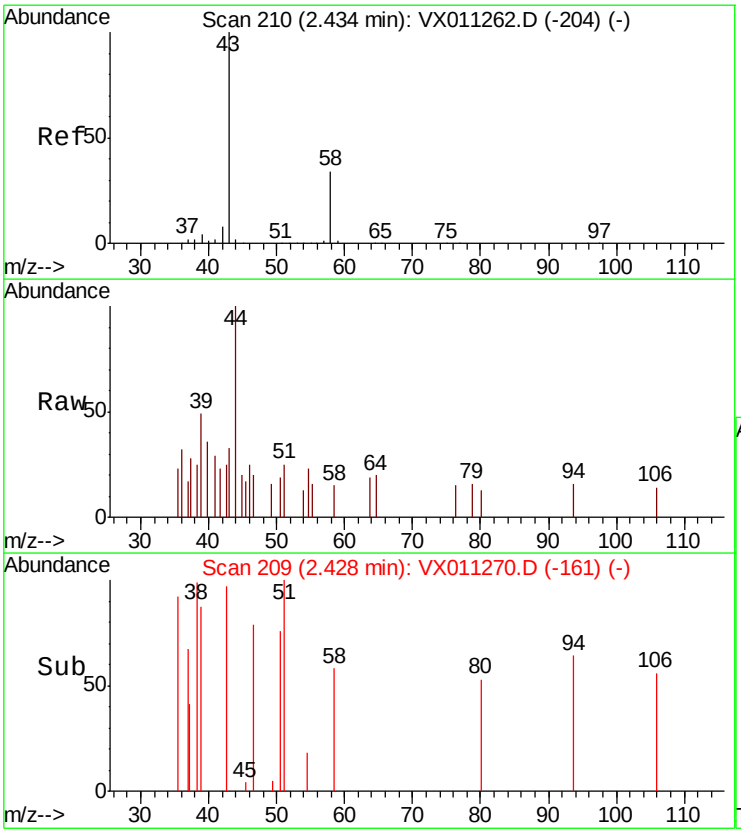
#15
Acrylonitrile
Concen: 0.572 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 53 Resp: 391

Ion	Ratio	Lower	Upper
53	100		
52	67.5	65.5	98.3
51	68.5	27.9	41.9#

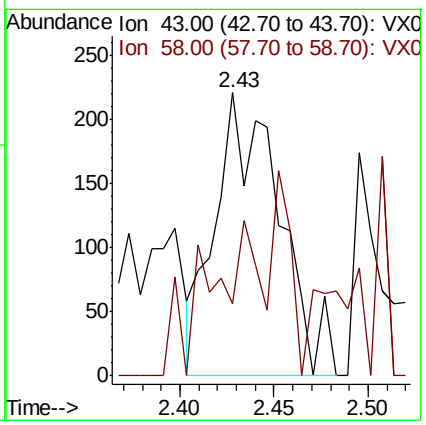


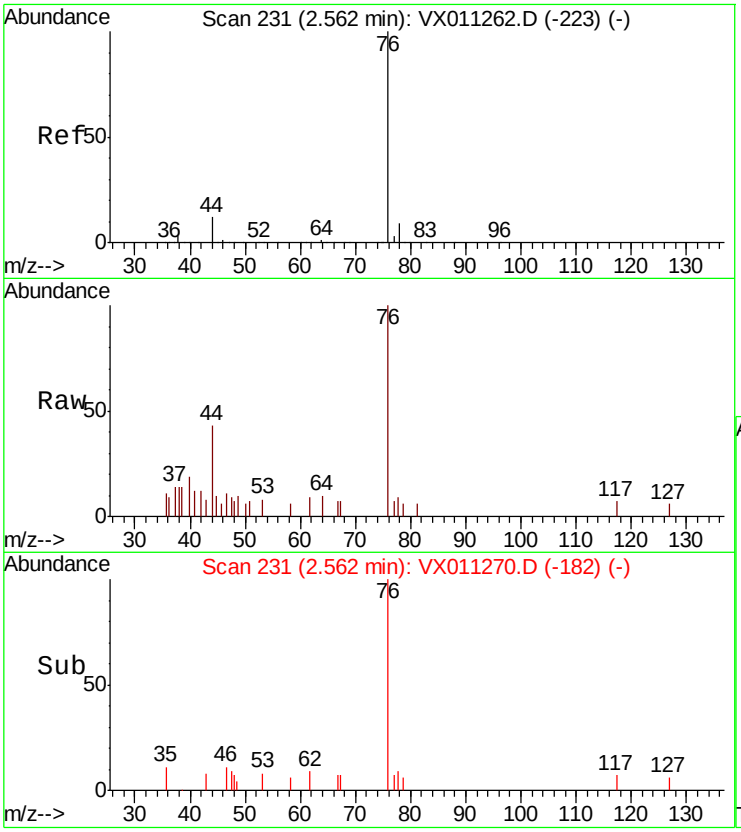


#16
Acetone
Concen: 0.763 ug/l
RT: 2.43 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 43 Resp: 522

Ion	Ratio	Lower	Upper
43	100		
58	25.3	27.4	41.0#



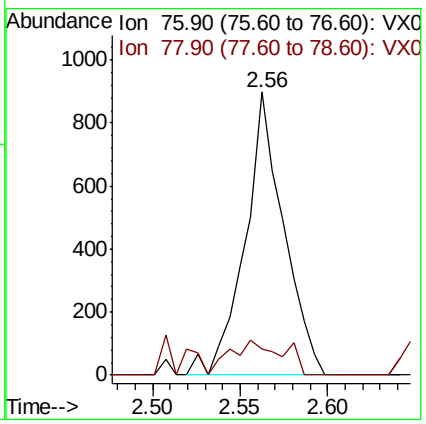


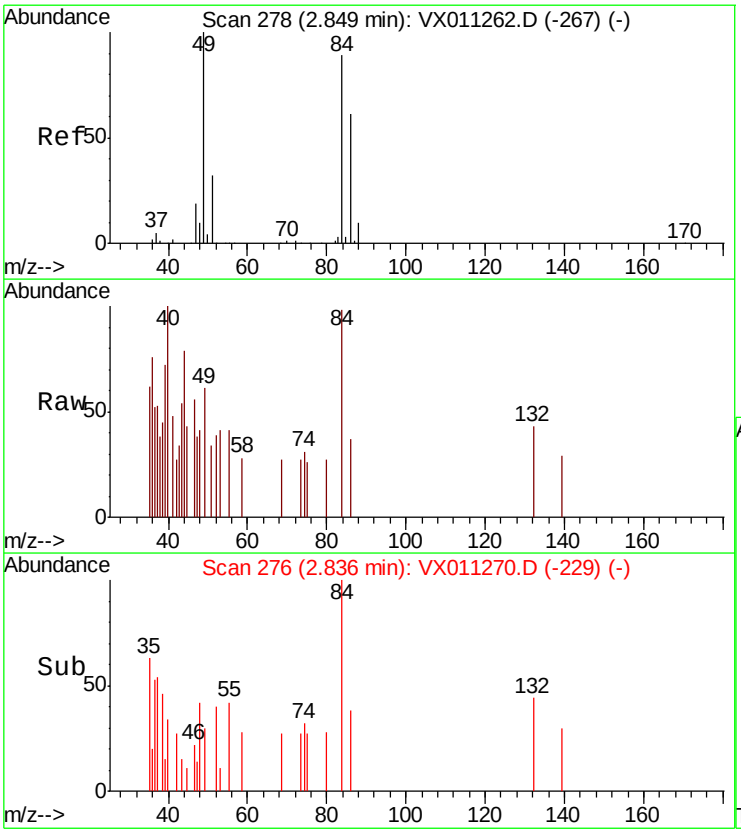
#17
Carbon Disulfide
Concen: 0.453 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 76 Resp: 1382

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

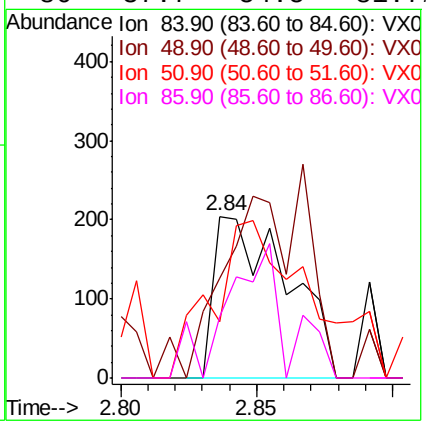


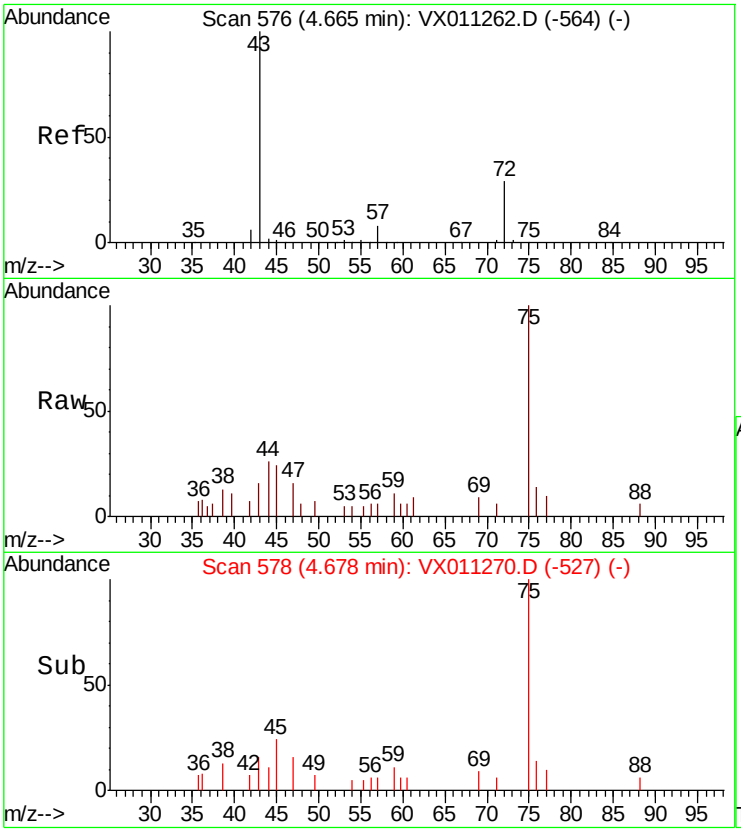


#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 84 Resp: 383

Ion	Ratio	Lower	Upper
84	100		
49	23.0	89.3	133.9#
51	1.0	28.3	42.5#
86	37.7	54.5	81.7#



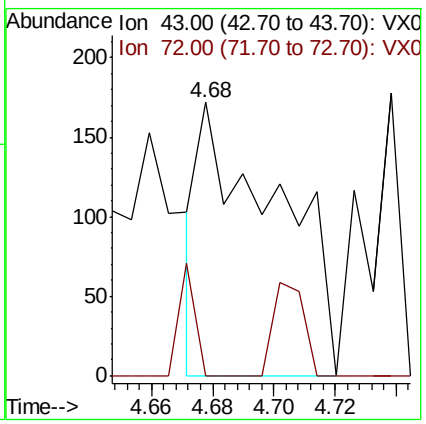


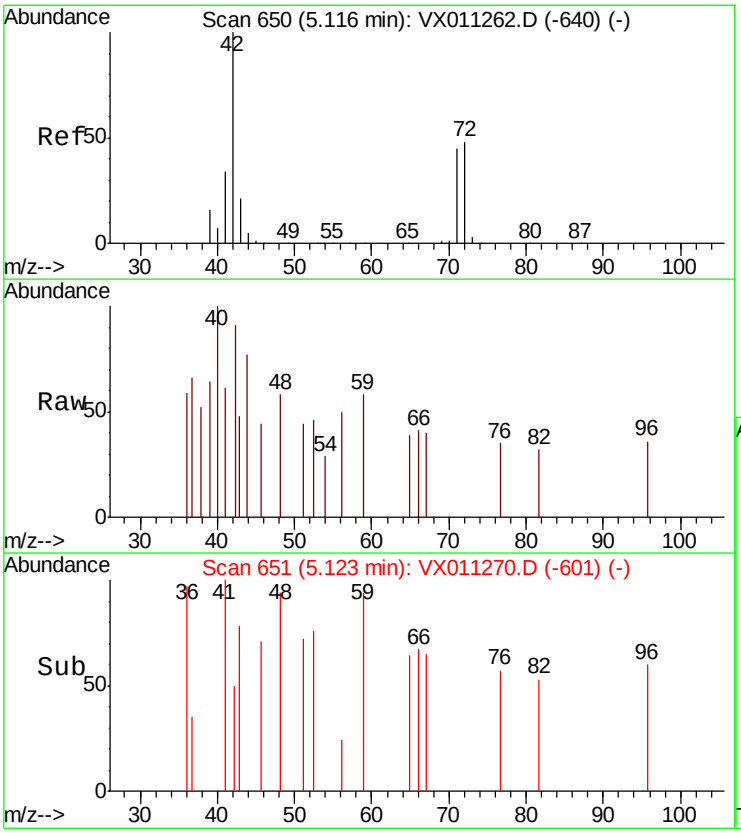
#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 43 Resp: 307

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

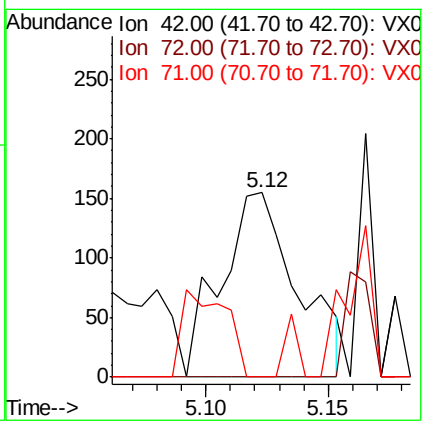


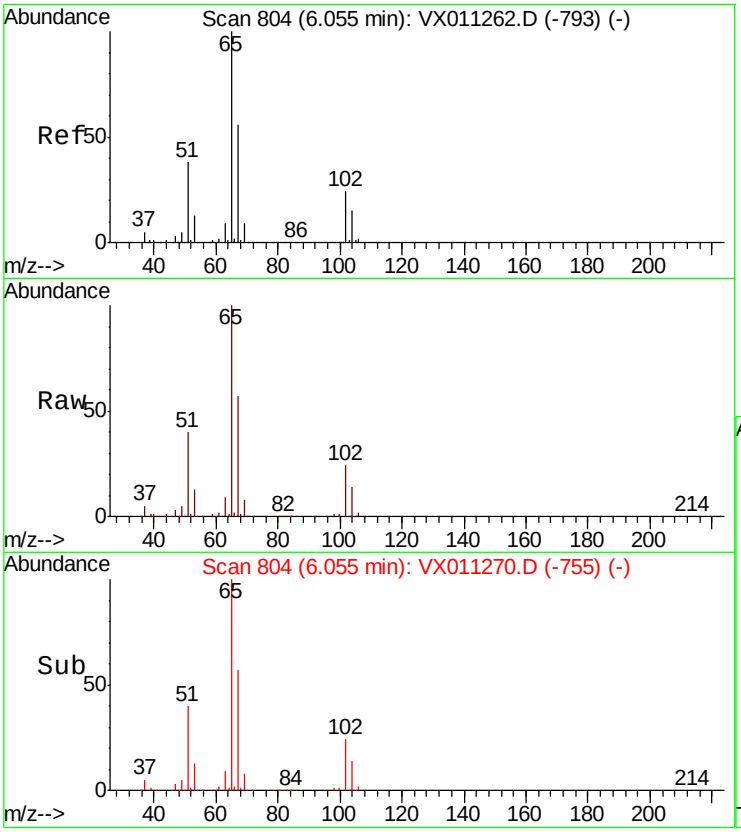


#29
Tetrahydrofuran
Concen: 0.565 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.9	59.9#
71	5.6	36.9	55.3#



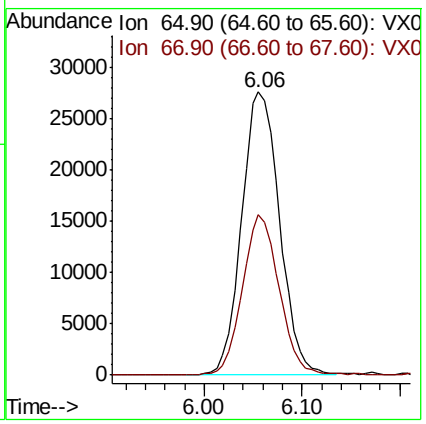


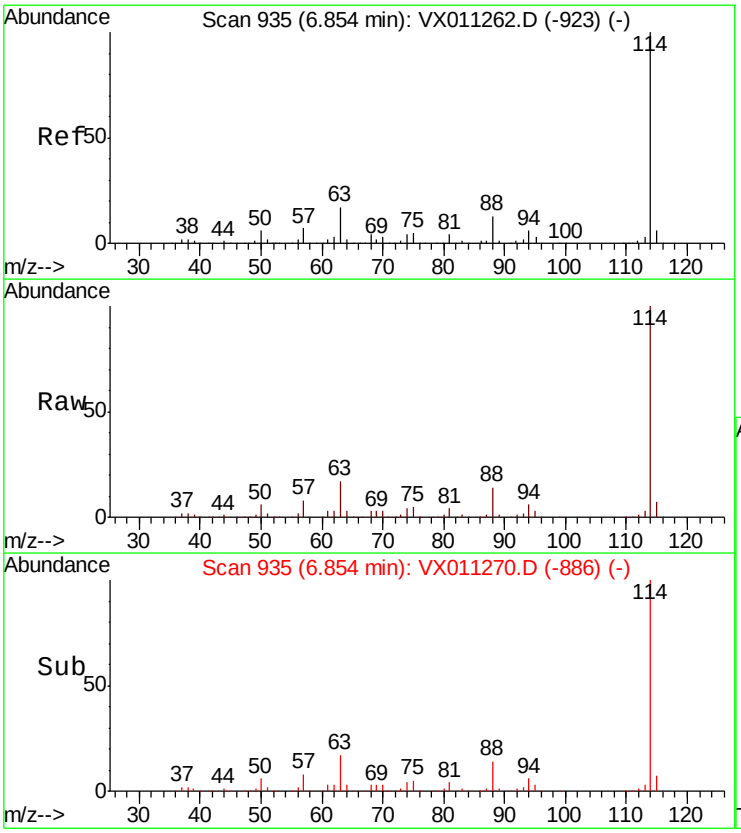
#33
1,2-Dichloroethane-d4
Concen: 51.664 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 65 Resp: 74264

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.6

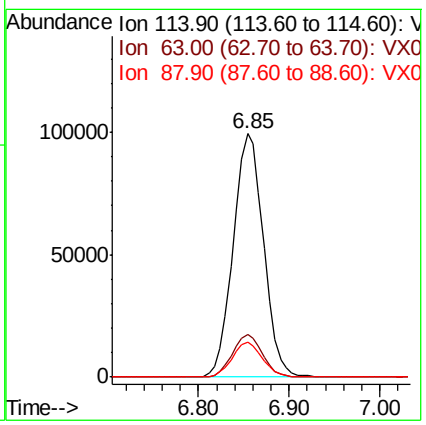


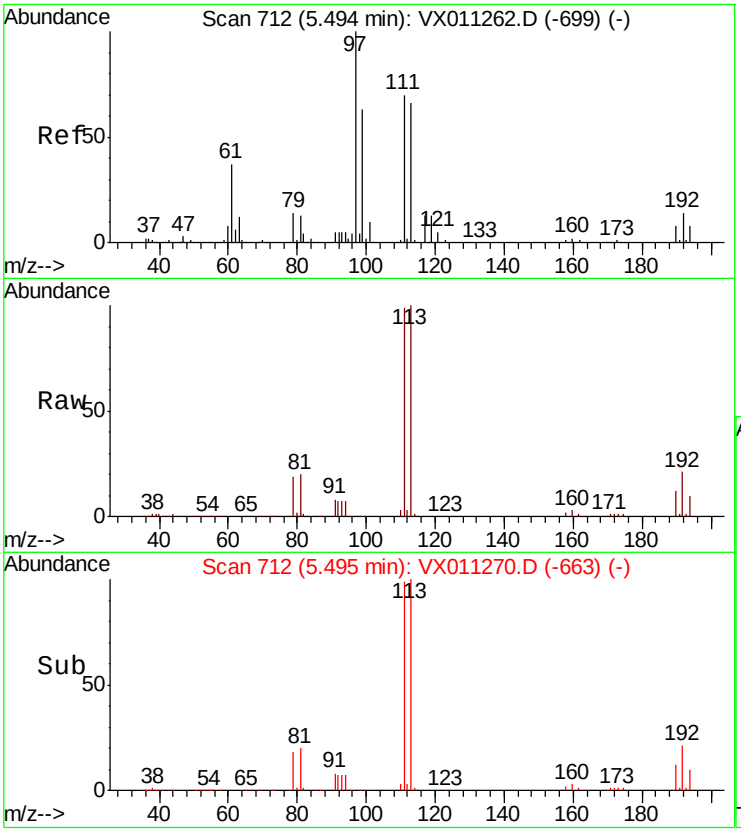


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion:114 Resp: 230655

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.0
88	14.3	0.0	26.4



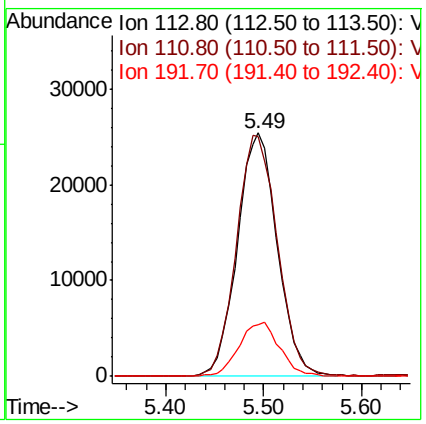


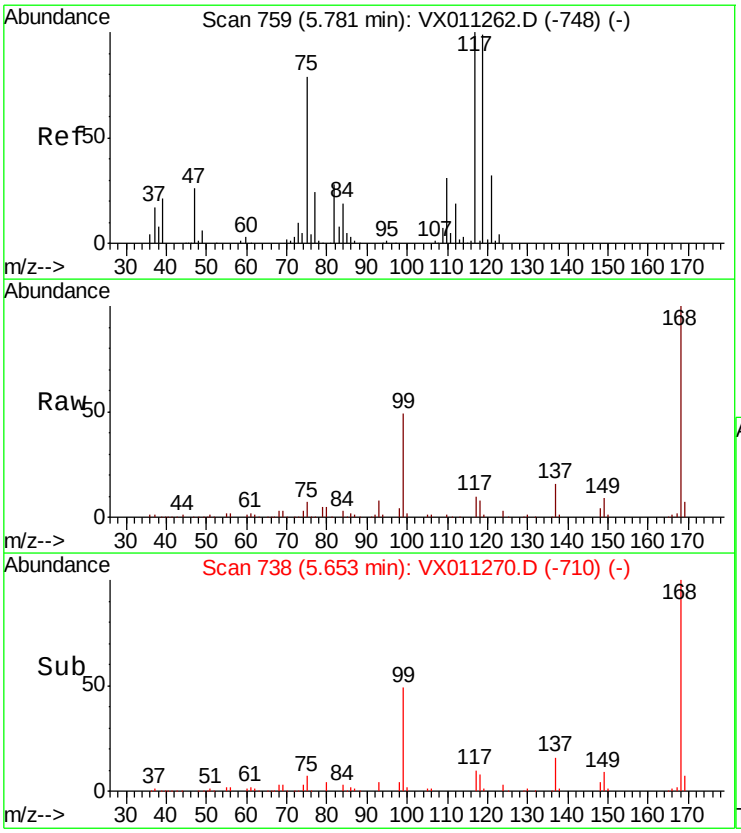
#35
Dibromofluoromethane
Concen: 47.760 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion:113 Resp: 71922

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	22.5	17.8	26.8

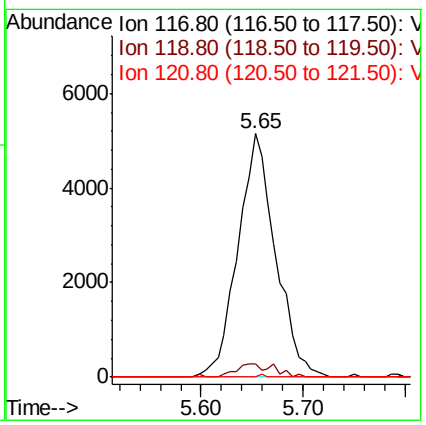


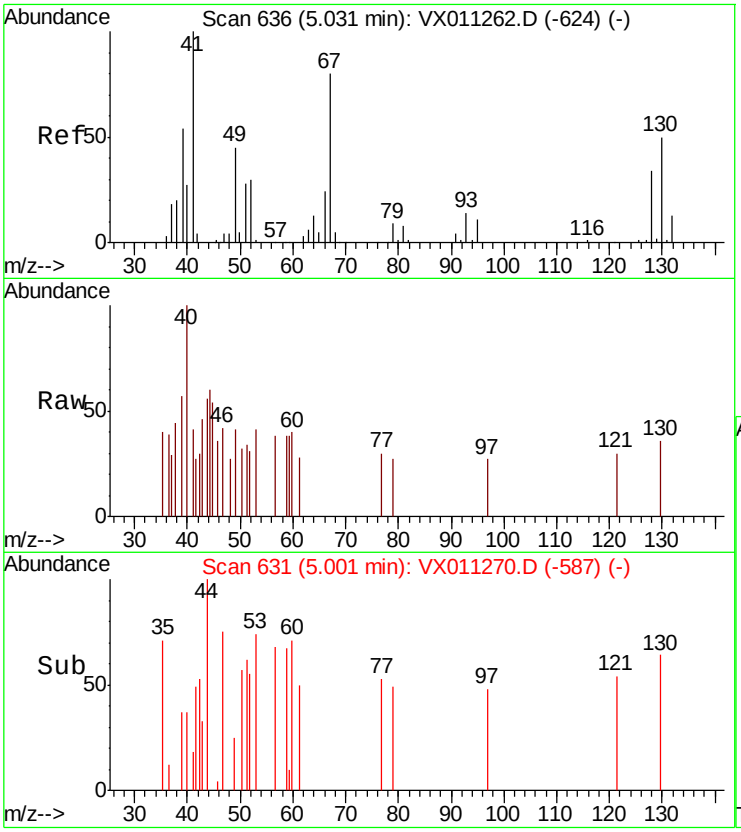


#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion:117 Resp: 13178

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.0	118.4#
121	0.0	25.9	38.9#



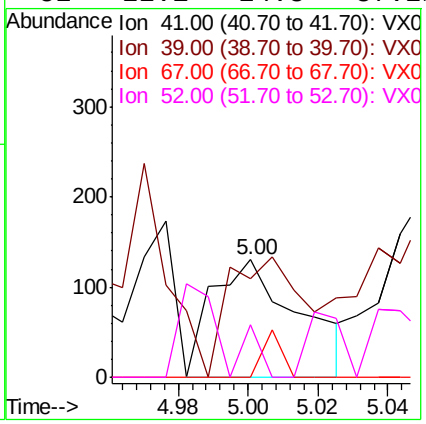


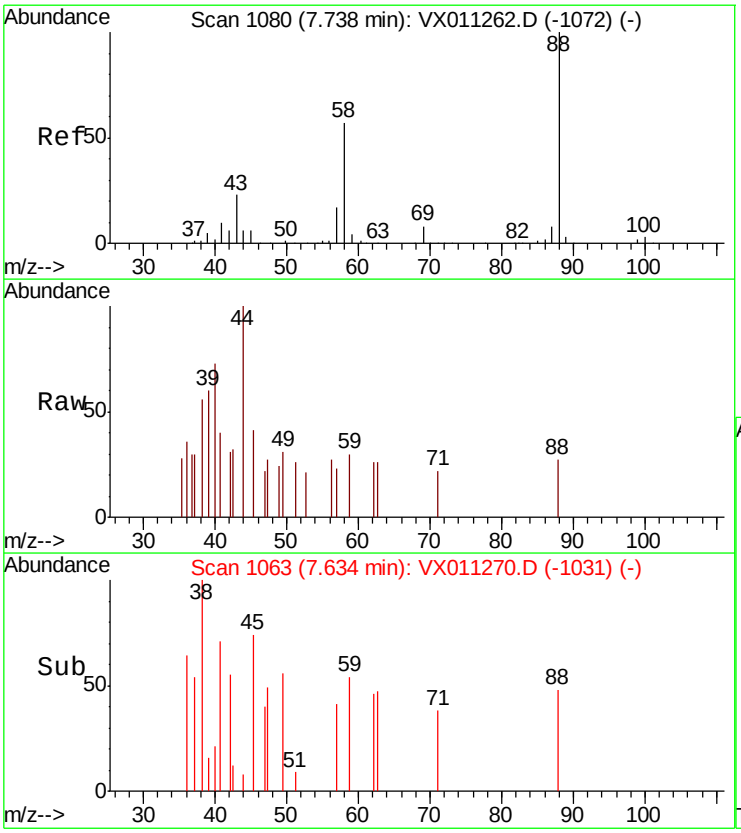
#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.03 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument : MSVOA_X
ClientSampleId : TB-20190730

Tgt Ion: 41 Resp: 226

Ion	Ratio	Lower	Upper
41	100		
39	86.3	43.0	64.6#
67	8.4	65.1	97.7#
52	22.1	24.8	37.2#

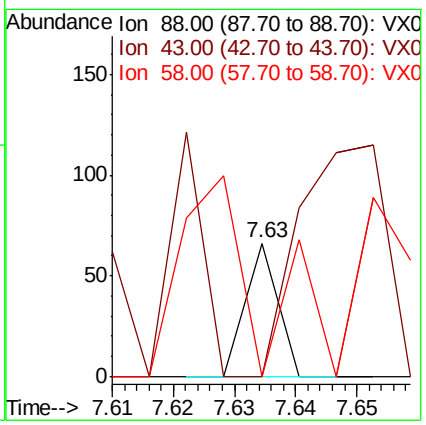


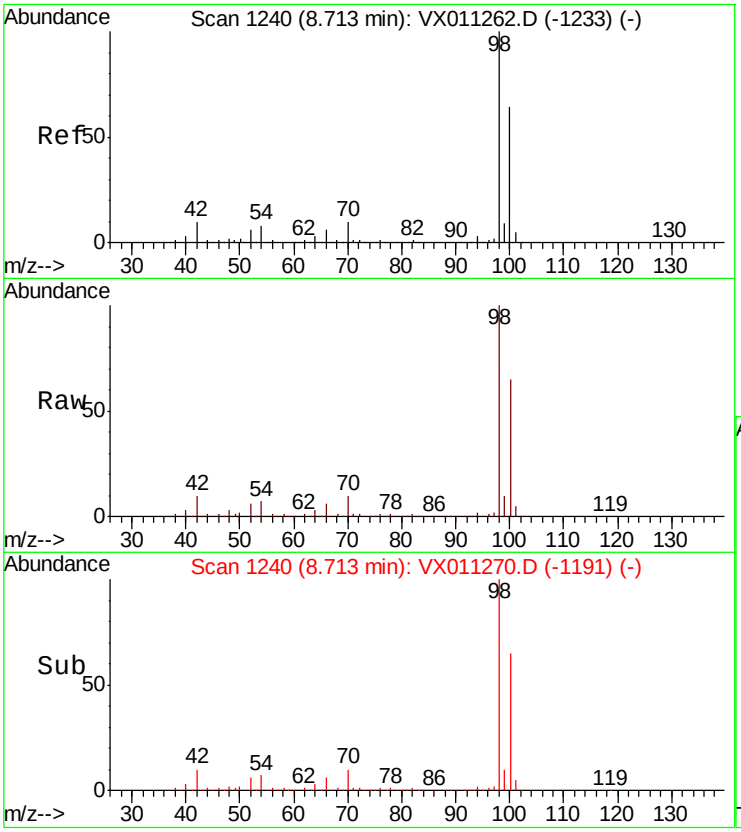


#49
1,4-Dioxane
Concen: 0.545 ug/l
RT: 7.63 min Scan# 1063
Delta R.T. -0.10 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	270.8	47.8	71.8#



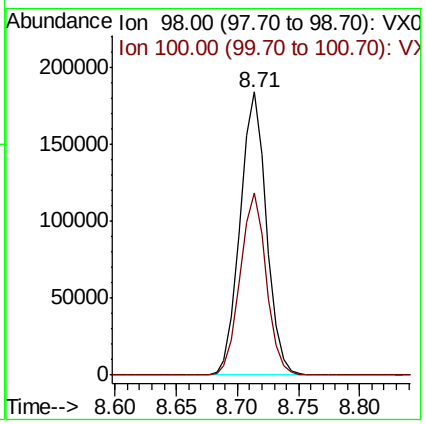


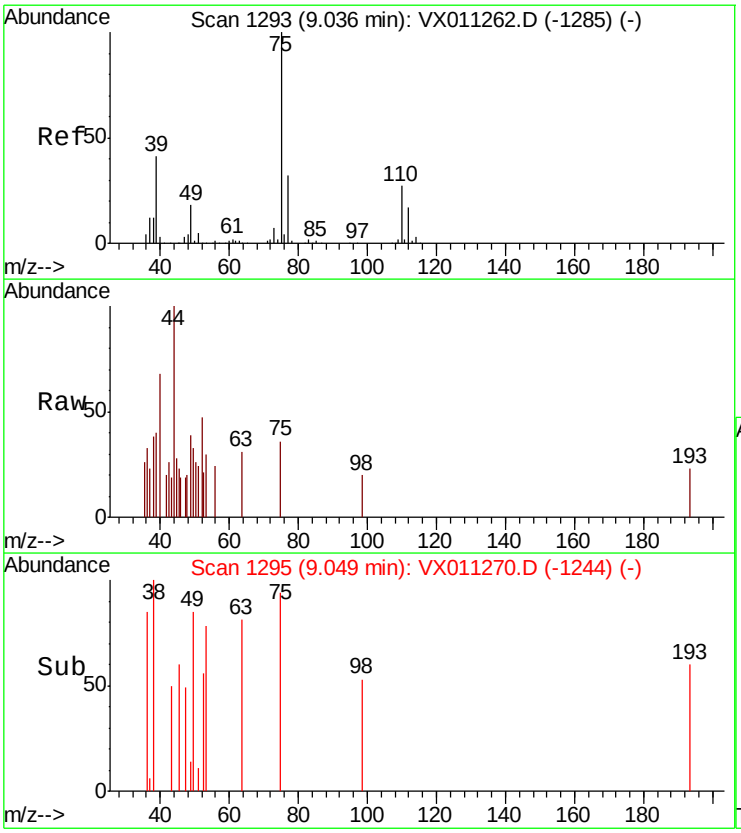
#50
Toluene-d8
Concen: 48.322 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 98 Resp: 274676

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5

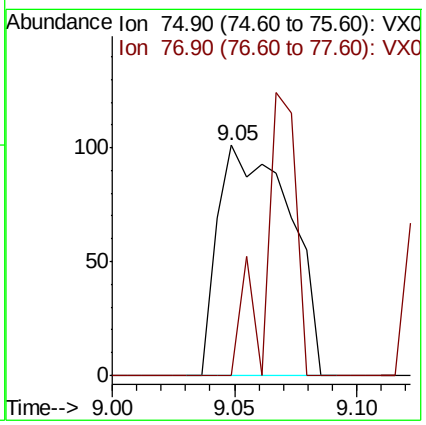


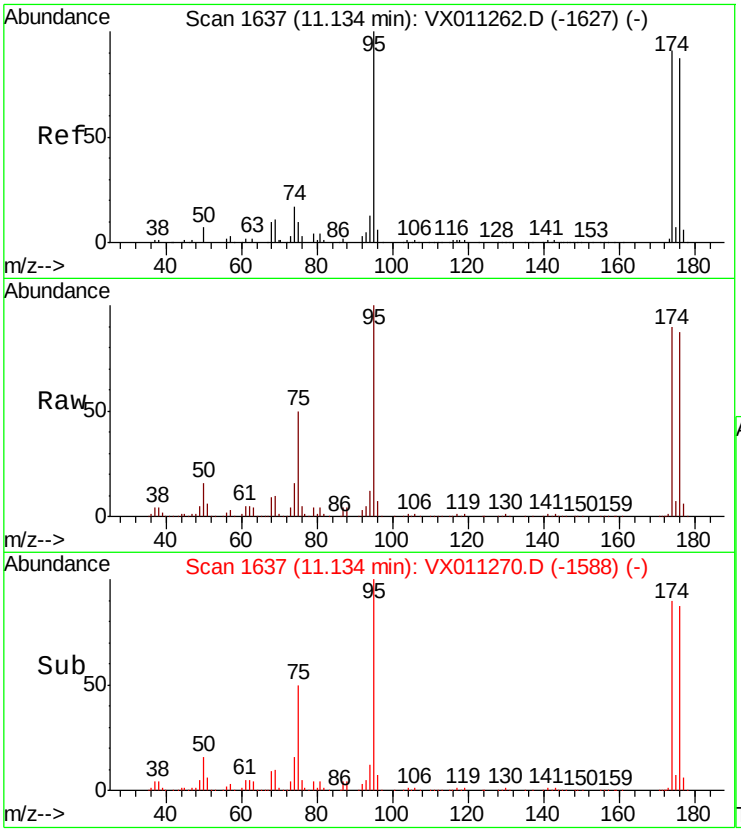


#53
t-1,3-Dichloropropene
Concen: 2.925 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 75 Resp: 206

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



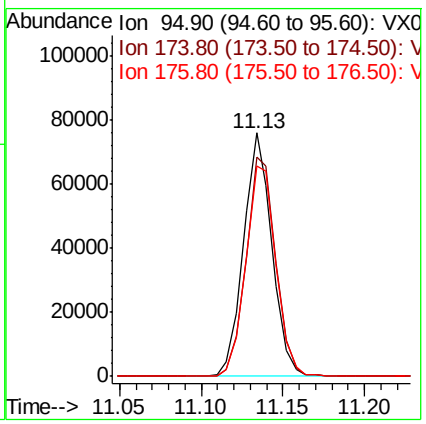


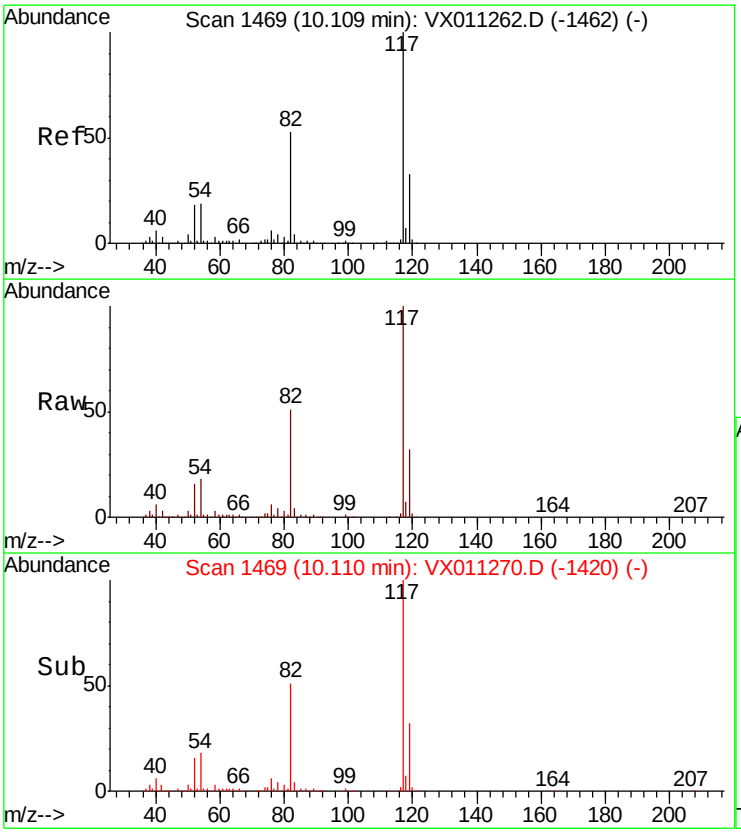
#62
4-Bromofluorobenzene
Concen: 45.382 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 95 Resp: 92100

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	191.2
176	92.4	0.0	184.8

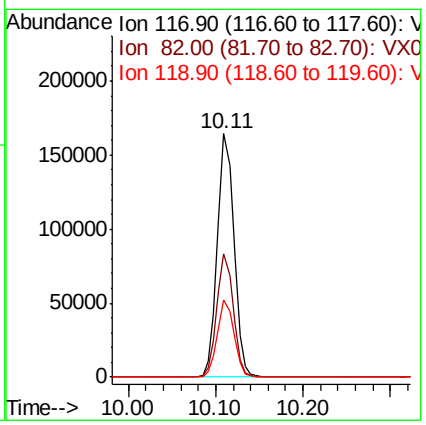


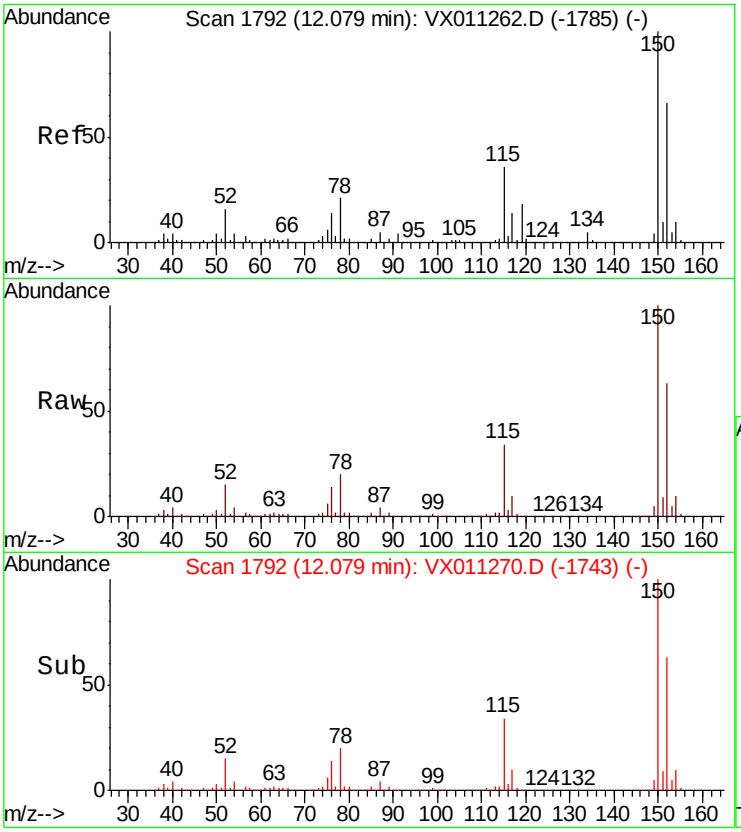


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion:117 Resp: 215859

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.2	63.2
119	31.6	26.6	39.8



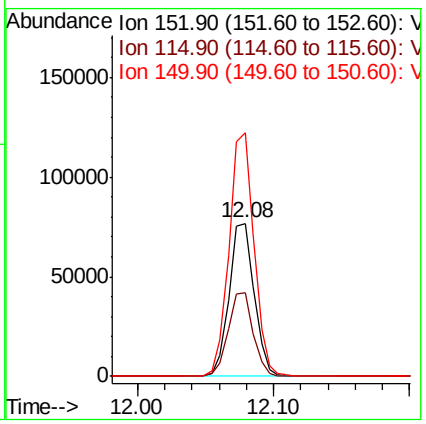


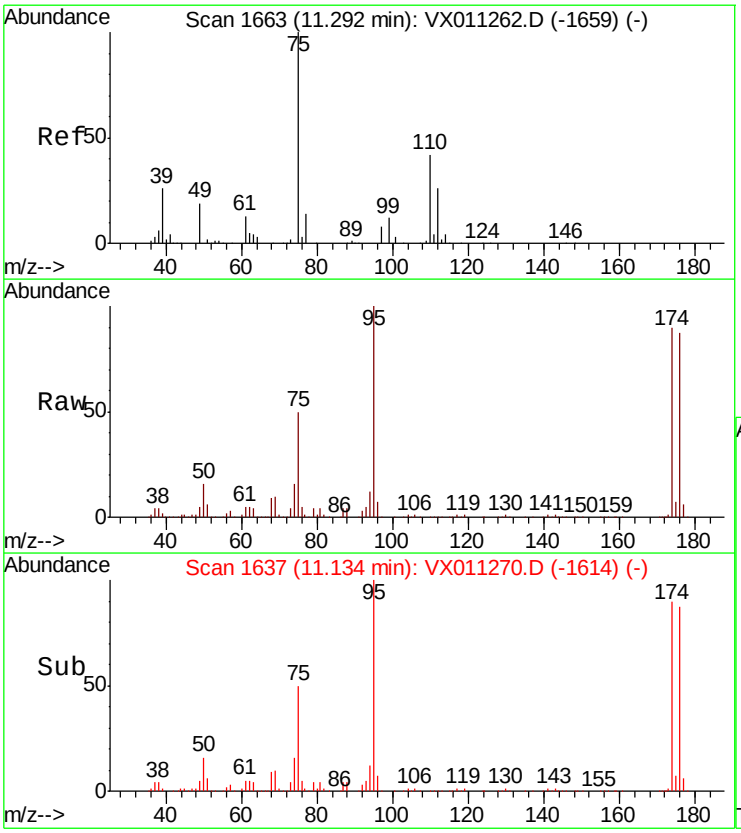
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument : MSVOA_X
ClientSampleId : TB-20190730

Tgt Ion:152 Resp: 98689

Ion	Ratio	Lower	Upper
152	100		
115	54.0	40.0	119.9
150	157.5	0.0	350.4

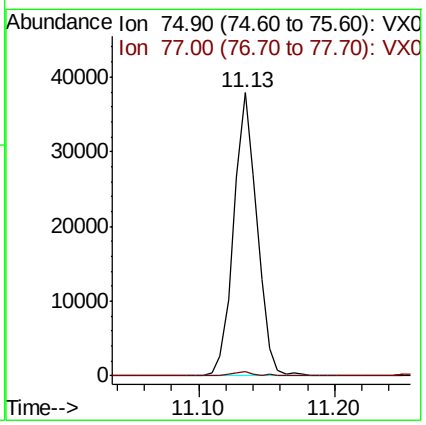


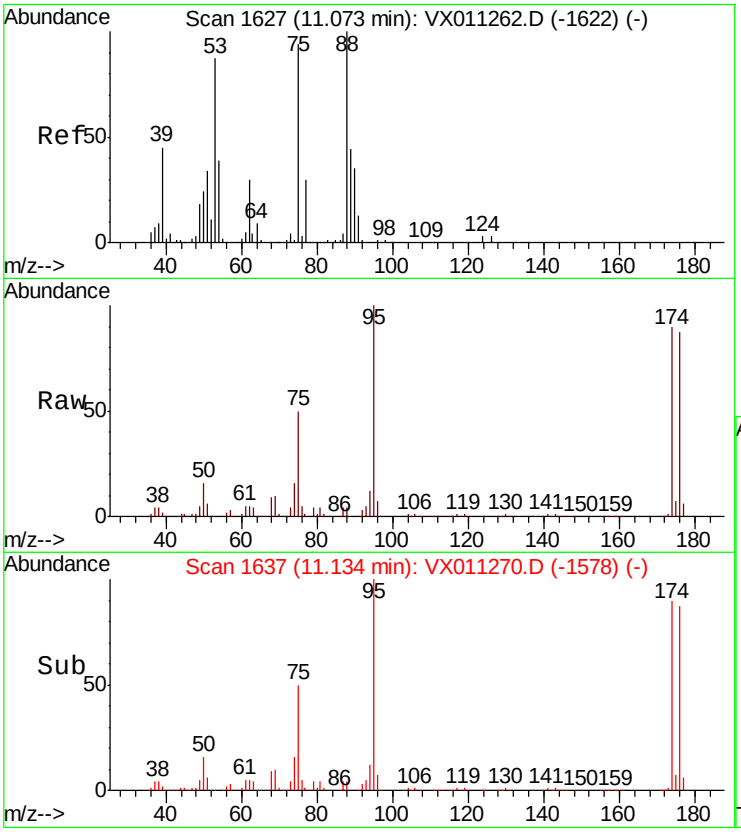


#76
1,2,3-Trichloropropane
Concen: 25.028 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion: 75 Resp: 44981

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.1	63.4#



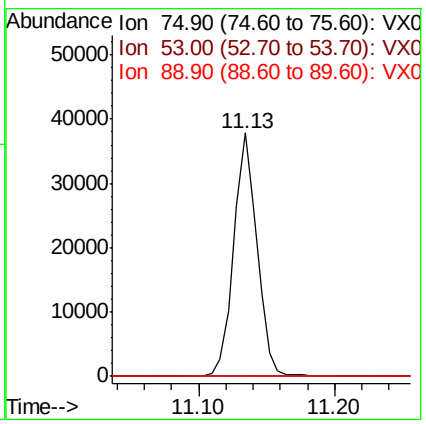


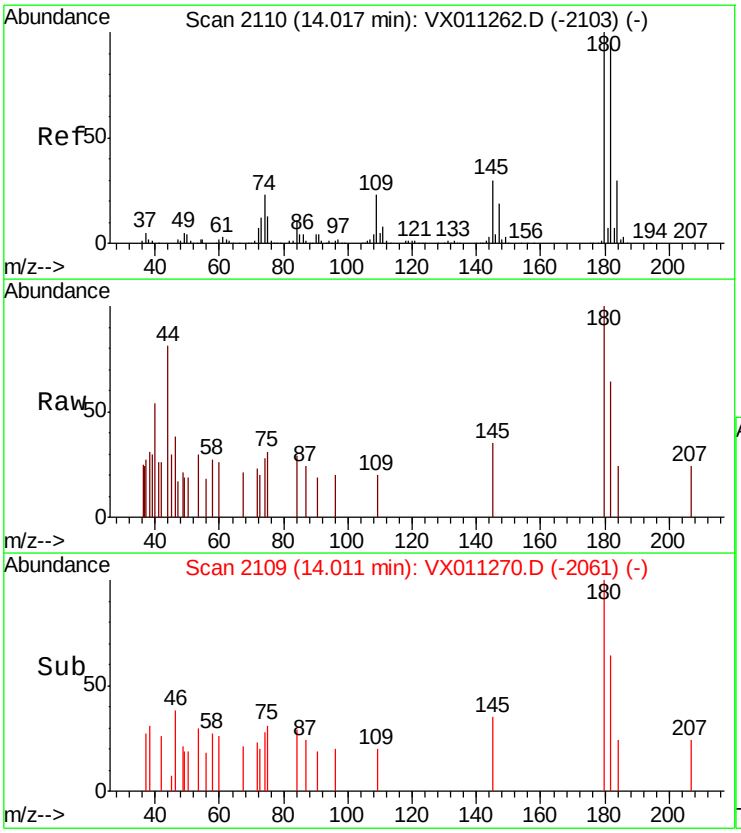
#81
trans-1,4-Dichloro-2-butene
Concen: 65.307 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
TB-20190730

Tgt Ion: 75 Resp: 44981

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.2	117.4#
89	0.0	37.9	56.9#





#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 14.01 min Scan# 2109
Delta R.T. -0.01 min
Lab File: VX011270.D
Acq: 01 Aug 2019 20:07

Tgt Ion:180 Resp: 491

Ion	Ratio	Lower	Upper
180	100		
182	73.3	47.4	142.3
145	32.0	15.2	45.6