Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010719\
Data File : VX006929.D
Acq On : 07 Jan 2019 12:22
Operator : JC/MD
Sample : K1057-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 08 06:32:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	655656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	981836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	338437	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
35) Dibromofluoromethane	5.50	113	301736	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
50) Toluene-d8	8.71	98	1162399	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
62) 4-Bromofluorobenzene	11.13	95	412519	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4775	0.796	ug/l	93
3) Chloromethane	1.33	50	1509	0.234	ug/l	92
4) Vinyl Chloride	1.41	62	7245	1.073	ug/l	96
5) Bromomethane	1.64	94	1262	Below Cal	#	76
10) Methyl Iodide	2.53	142	1871	0.212	ug/l #	75
11) Tert butyl alcohol	3.03	59	10372	6.577	ug/l #	84
13) Acrolein	2.29	56	398	0.374	ug/l #	13
14) Allyl chloride	2.62	41	12108	1.228	ug/l #	59
16) Acetone	2.45	43	120455	37.103	ug/l	99
18) Methyl Acetate	2.78	43	2552	0.267	ug/l #	77
20) Methylene Chloride	2.86	84	1638	0.244	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	9658	1.488	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	183979	25.690	ug/l	90
28) Bromochloromethane	5.02	49	395	Below Cal	#	43
29) Tetrahydrofuran	5.17	42	944	0.314	ug/l #	47
36) 1,1-Dichloropropene	5.66	75	41919	5.155	ug/l #	49
38) Carbon Tetrachloride	5.67	117	57274	7.247	ug/l #	14
44) Trichloroethene	7.21	130	36888	4.931	ug/l	99
49) 1,4-Dioxane	7.71	88	83	Below Cal	#	27
52) Toluene	8.79	92	5602	0.351	ug/l	97
60) Dibromochloromethane	9.48	129	61	2.333	ug/l	96
68) m/p-Xylenes	10.36	106	2665	0.217	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	198443	24.243	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	198443	71.766	ug/l #	10
90) Hexachloroethane	12.60	117	210	3.340	ug/l #	6
95) Naphthalene	13.83	128	24679	0.763	ug/l	98

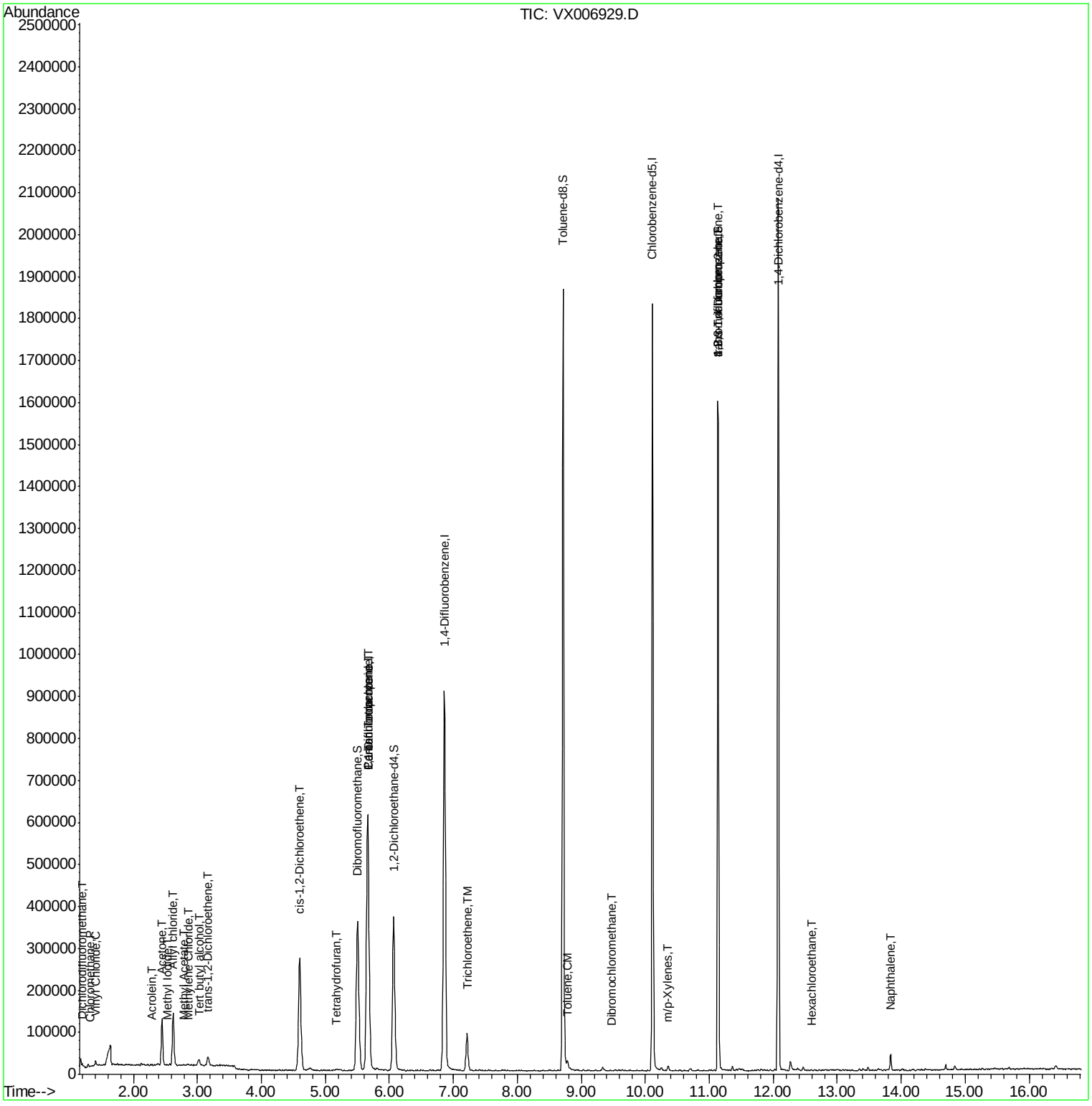
(#) = qualifier out of range (m) = manual integration (+) = signals summed

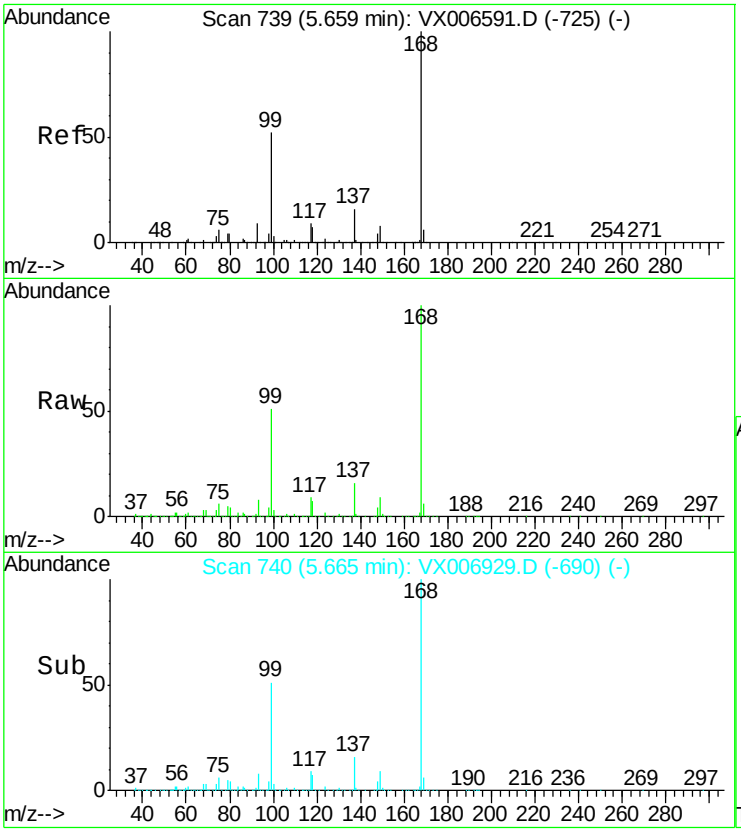
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
Data File : VX006929.D
Acq On : 07 Jan 2019 12:22
Operator : JC/MD
Sample : K1057-03RE
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 06:32:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



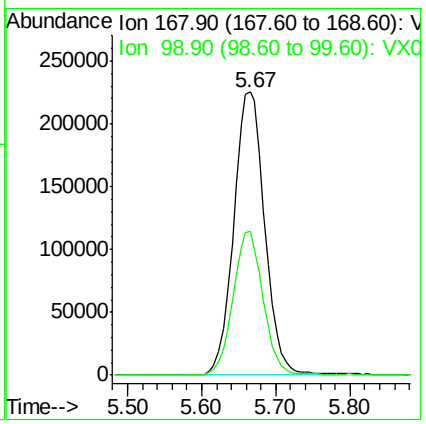


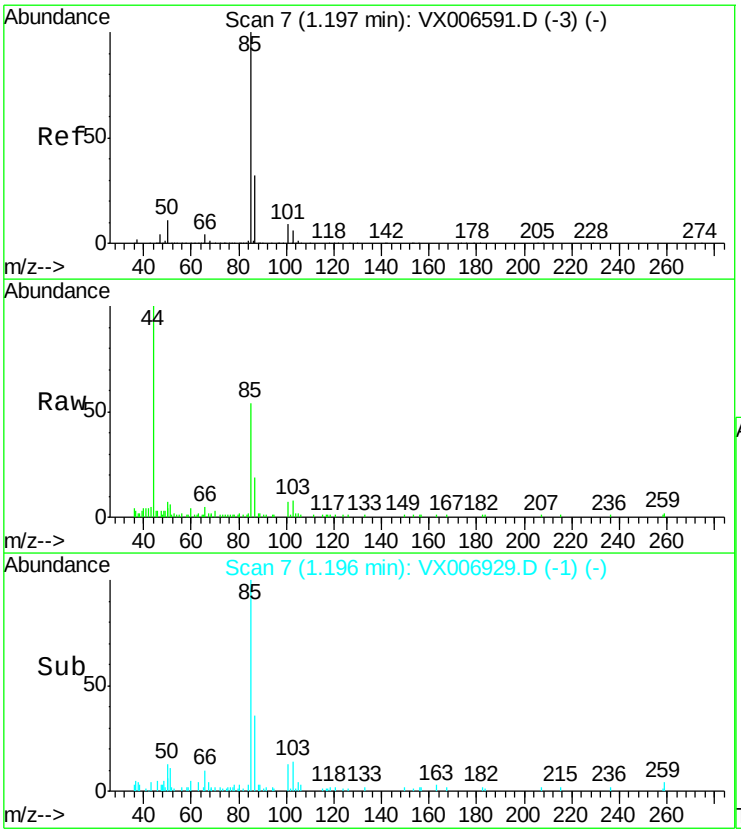
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 655656

Ion	Ratio	Lower	Upper
168	100		
99	50.7	41.8	62.8

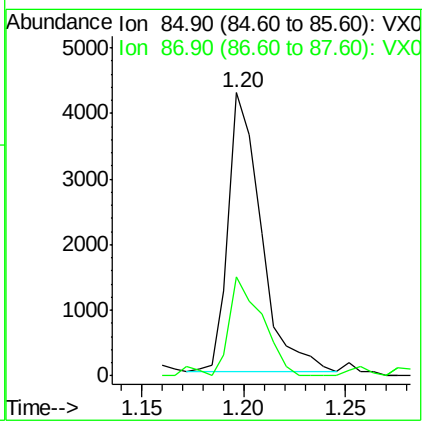


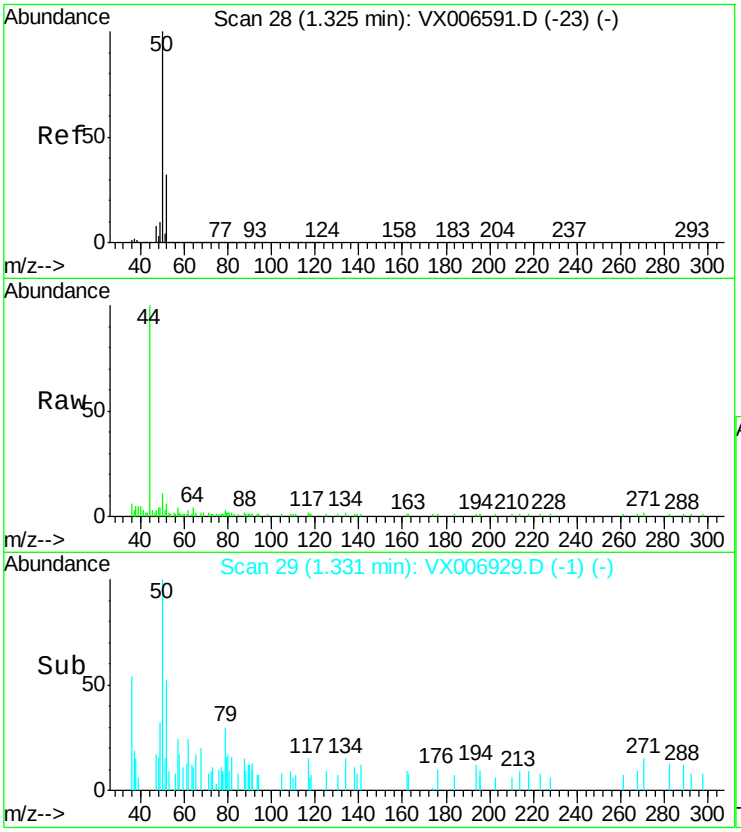


#2
Dichlorodifluoromethane
Concen: 0.796 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 85 Resp: 4775

Ion	Ratio	Lower	Upper
85	100		
87	35.6	15.9	47.6



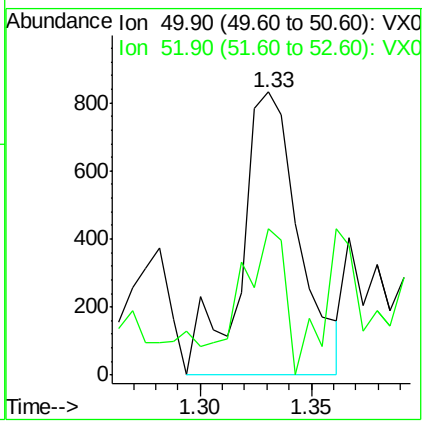


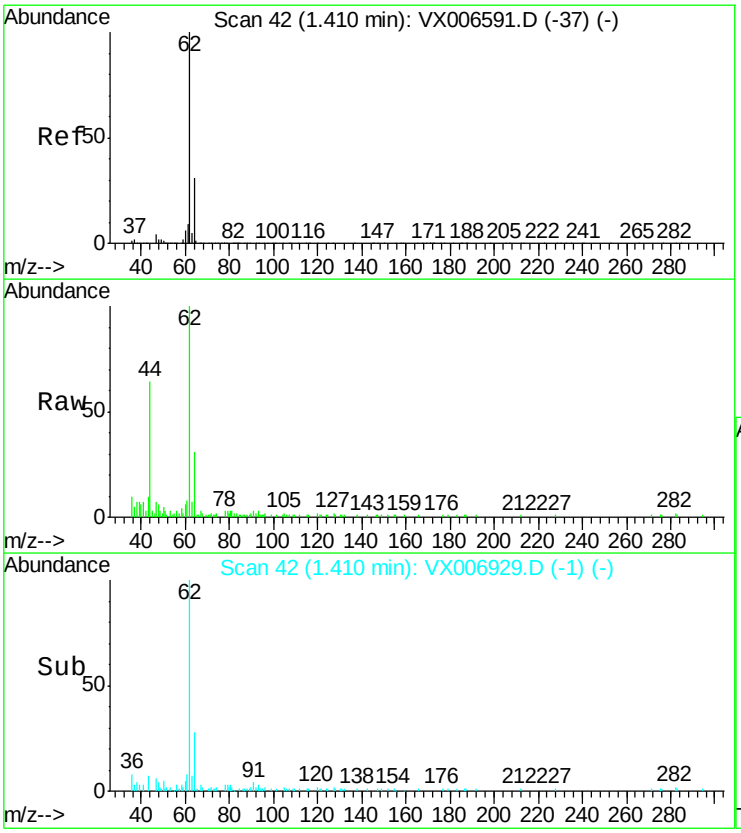
#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1509

Ion	Ratio	Lower	Upper
50	100		
52	36.3	25.4	38.2

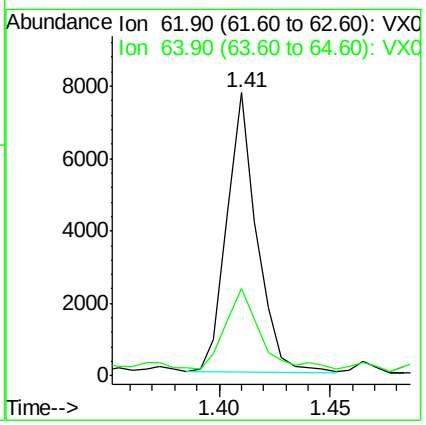


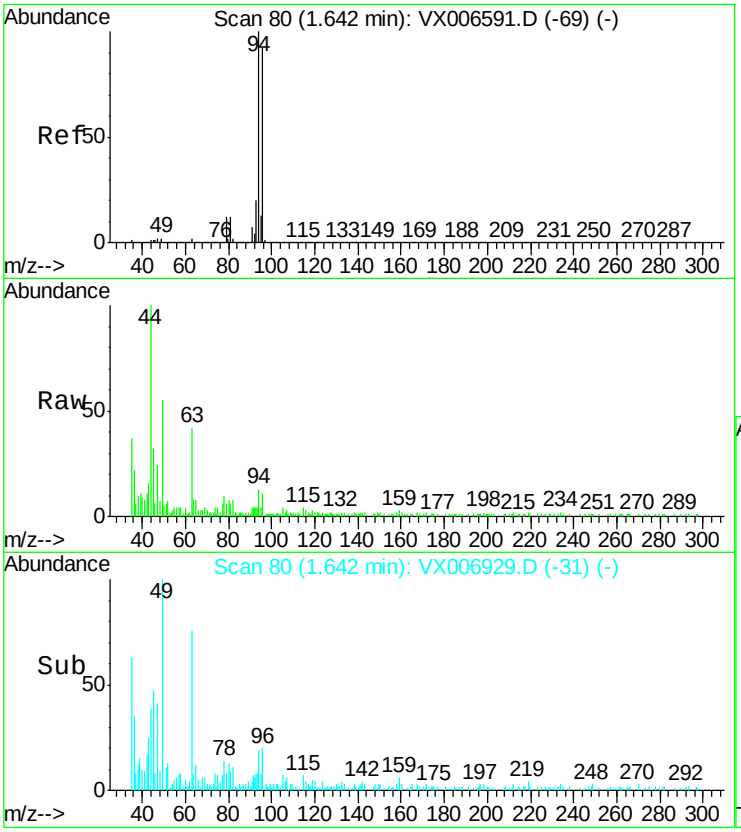


#4
Vinyl Chloride
Concen: 1.073 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 62 Resp: 7245

Ion	Ratio	Lower	Upper
62	100		
64	29.2	25.1	37.7



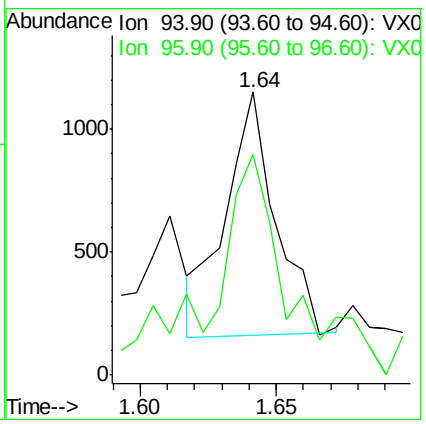


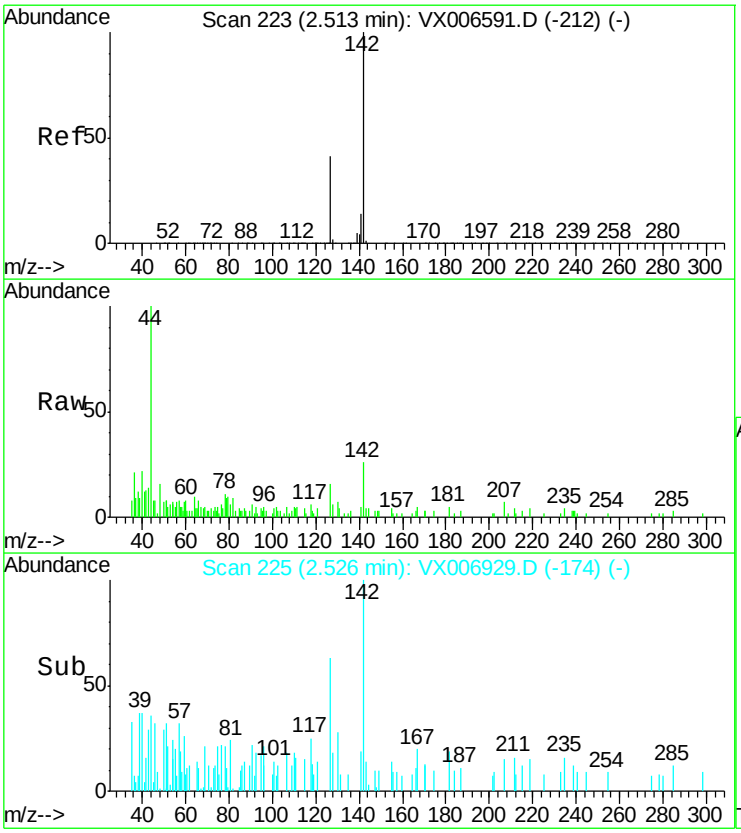
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1262

Ion	Ratio	Lower	Upper
94	100		
96	69.1	73.4	110.2#

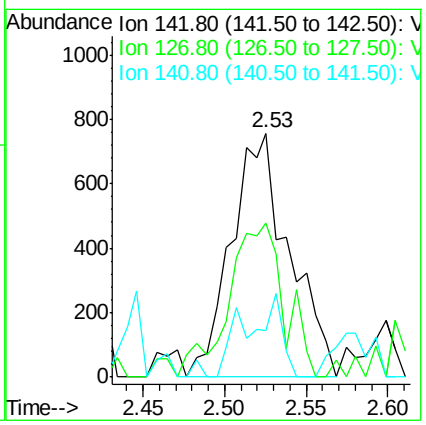


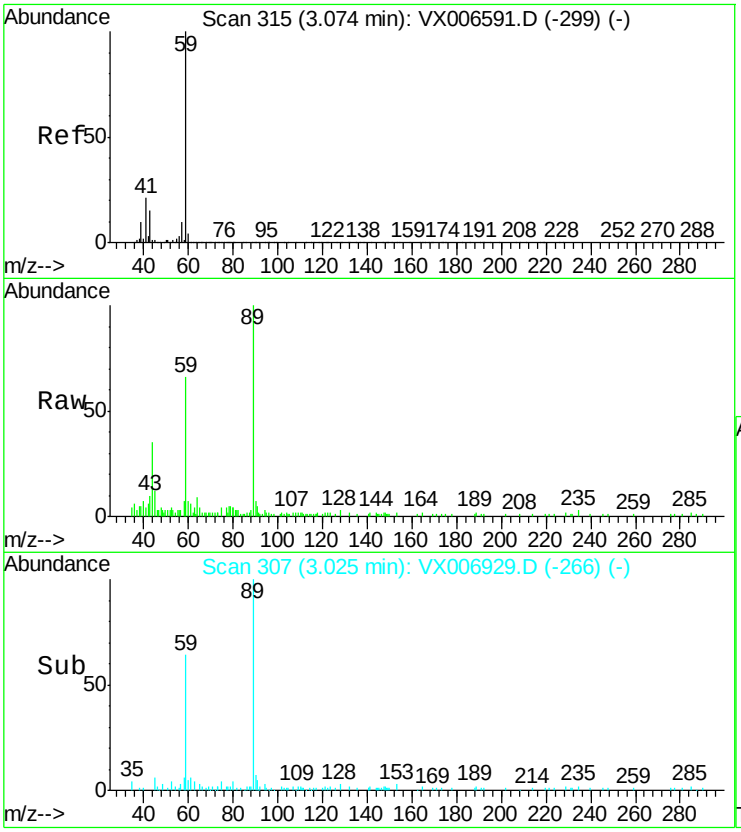


#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:142 Resp: 1871

Ion	Ratio	Lower	Upper
142	100		
127	60.0	33.9	50.9#
141	6.6	11.4	17.0#



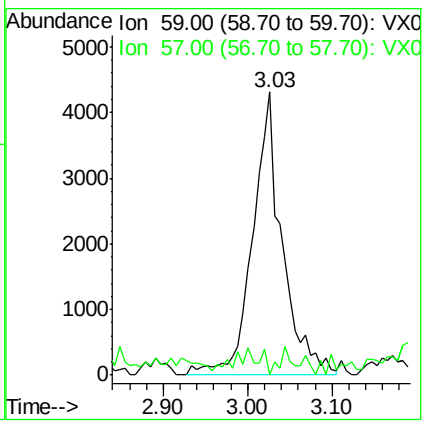


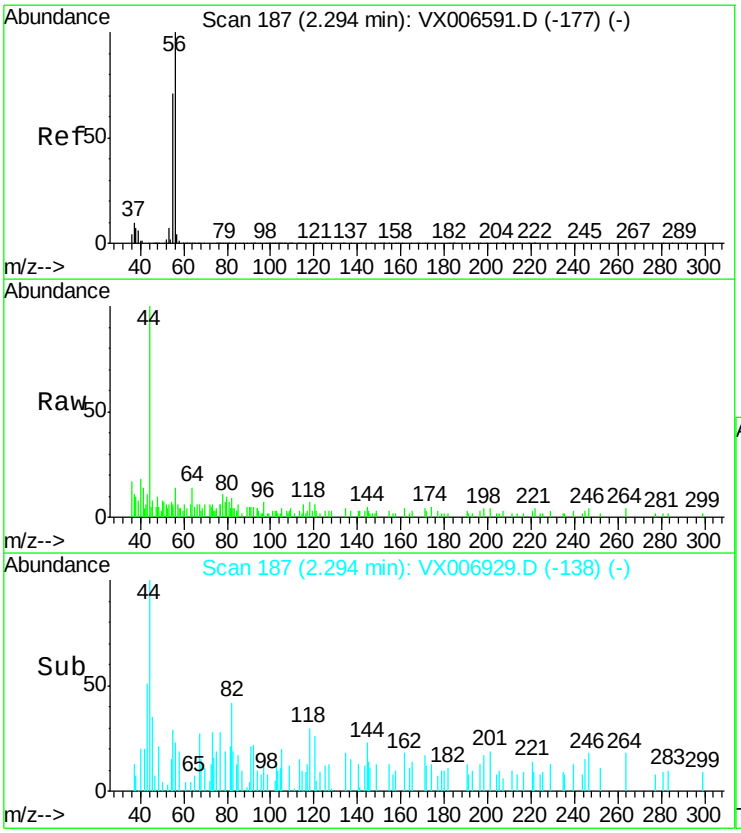
#11
Tert butyl alcohol
Concen: 6.577 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 10372

Ion	Ratio	Lower	Upper
59	100		
57	4.4	8.5	12.7#

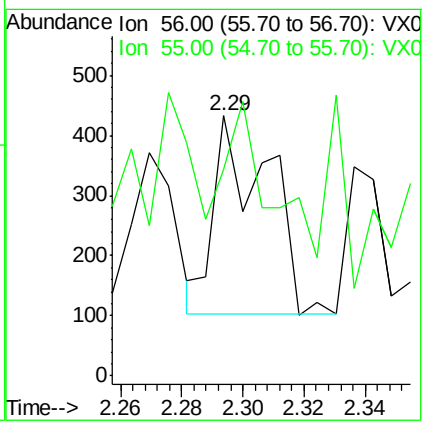


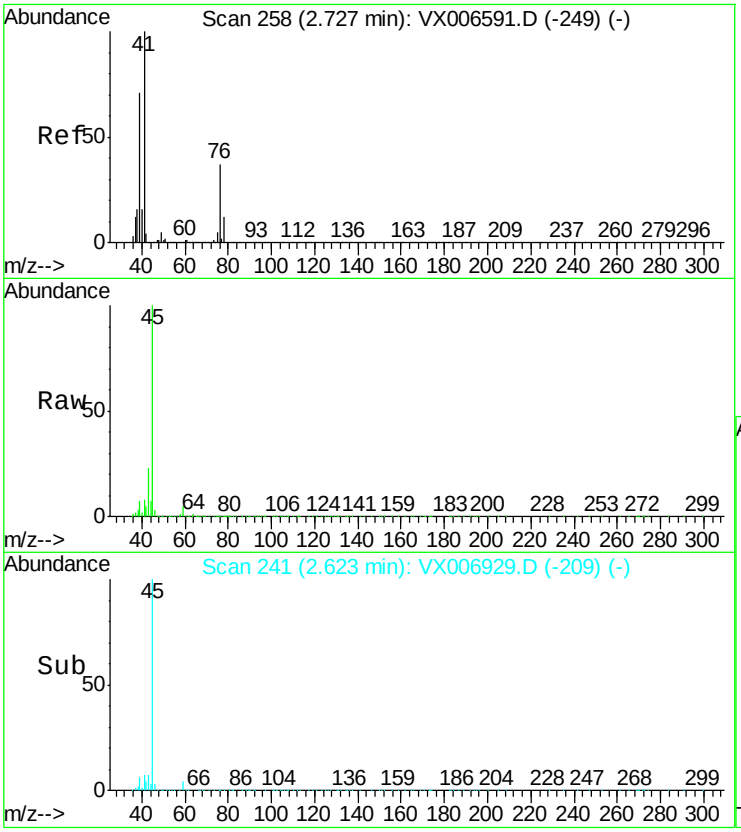


#13
Acrolein
Concen: 0.374 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 56 Resp: 398

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#



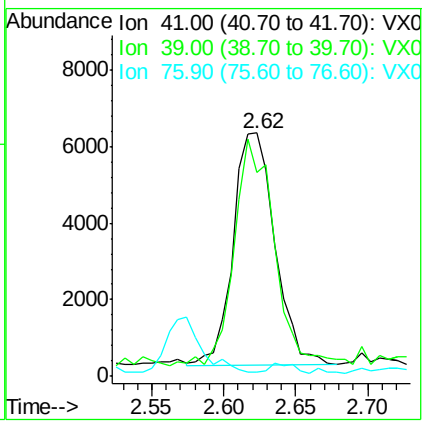


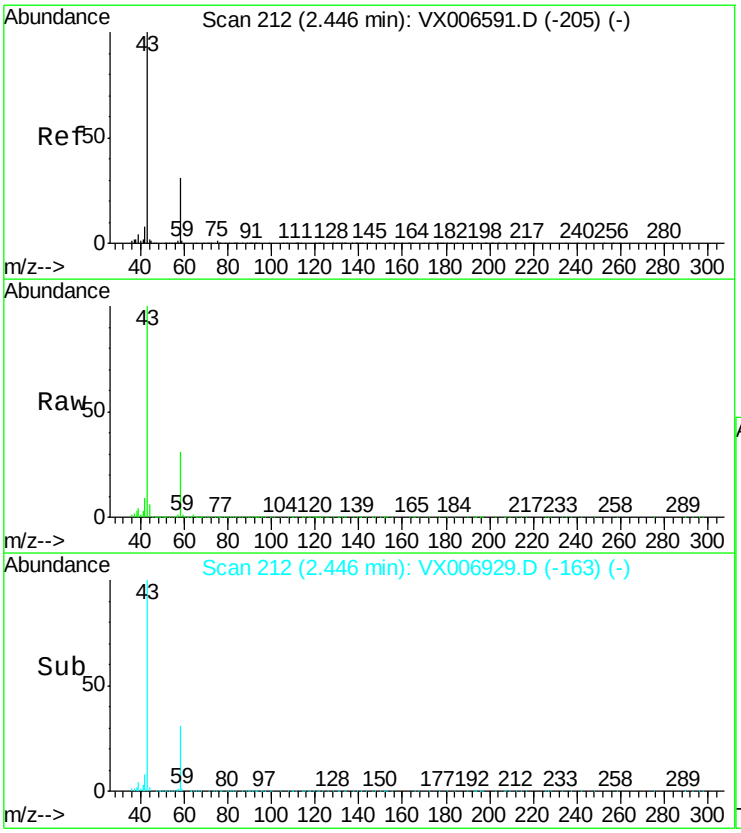
#14
Allyl chloride
Concen: 1.228 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 12108

Ion	Ratio	Lower	Upper
41	100		
39	94.6	53.6	80.4#
76	3.4	27.4	41.2#

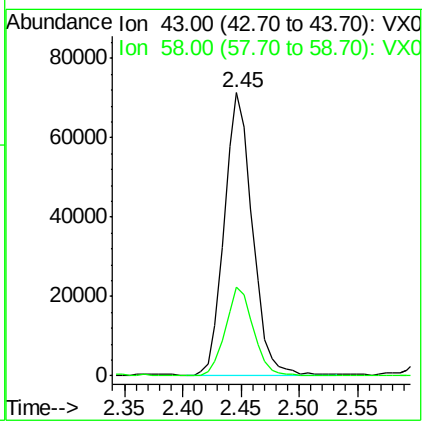


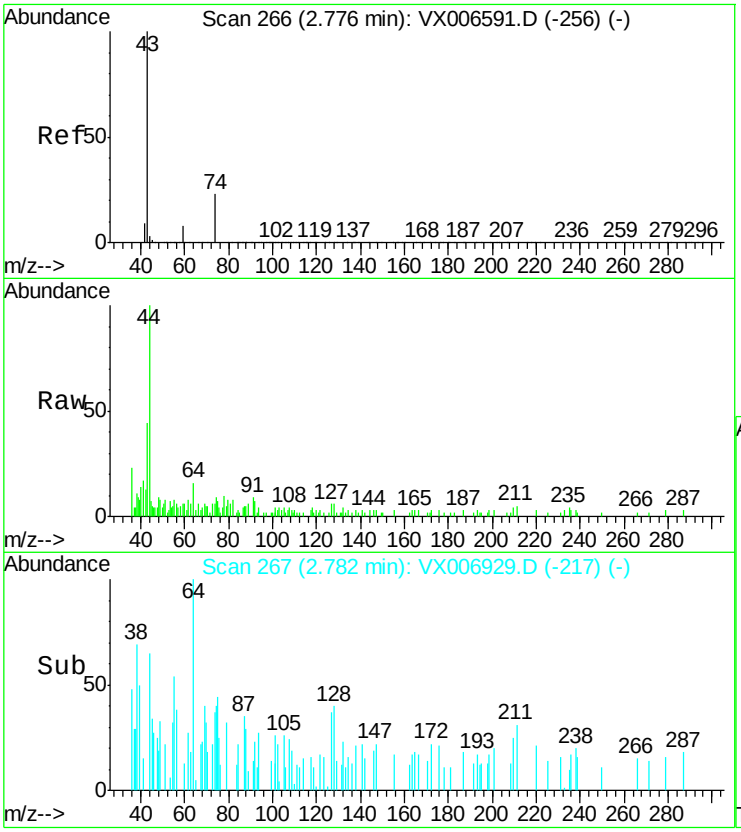


#16
Acetone
Concen: 37.103 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 43 Resp: 120455

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.0	37.6



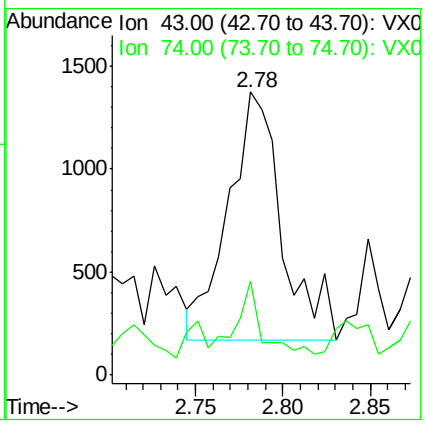


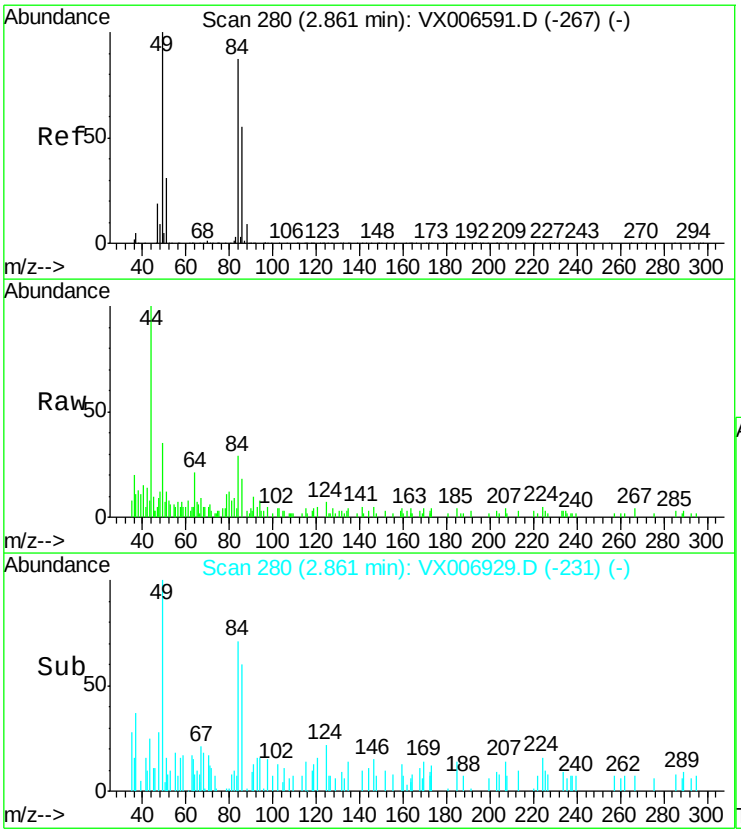
#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2552

Ion	Ratio	Lower	Upper
43	100		
74	11.9	18.6	28.0#

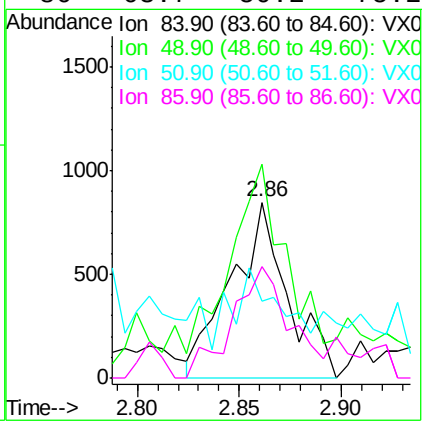


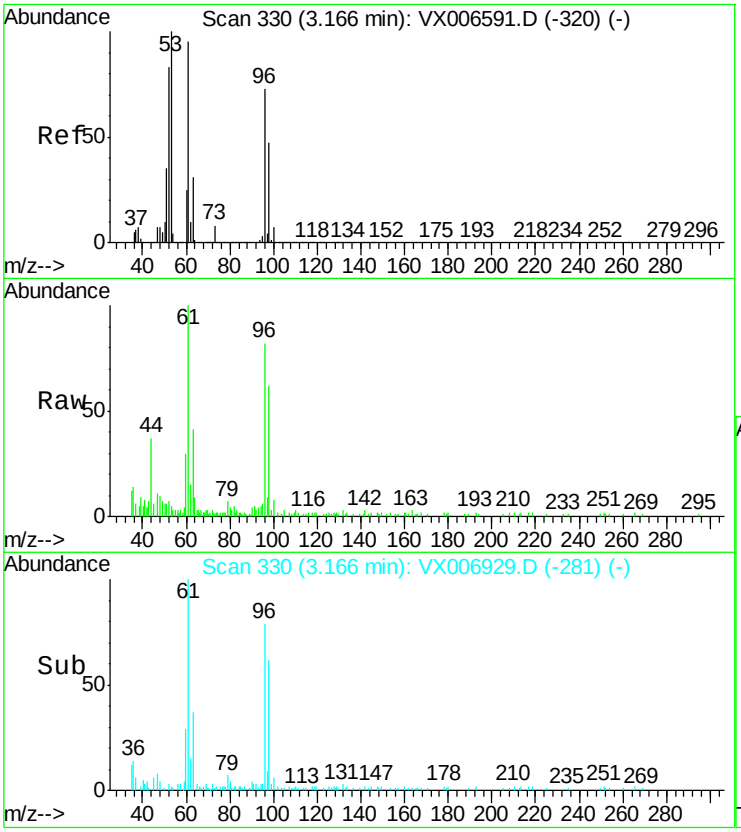


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 84 Resp: 1638

Ion	Ratio	Lower	Upper
84	100		
49	107.4	91.8	137.6
51	11.9	28.5	42.7#
86	63.7	50.2	75.2



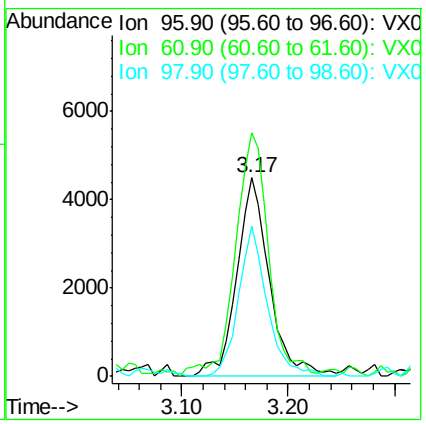


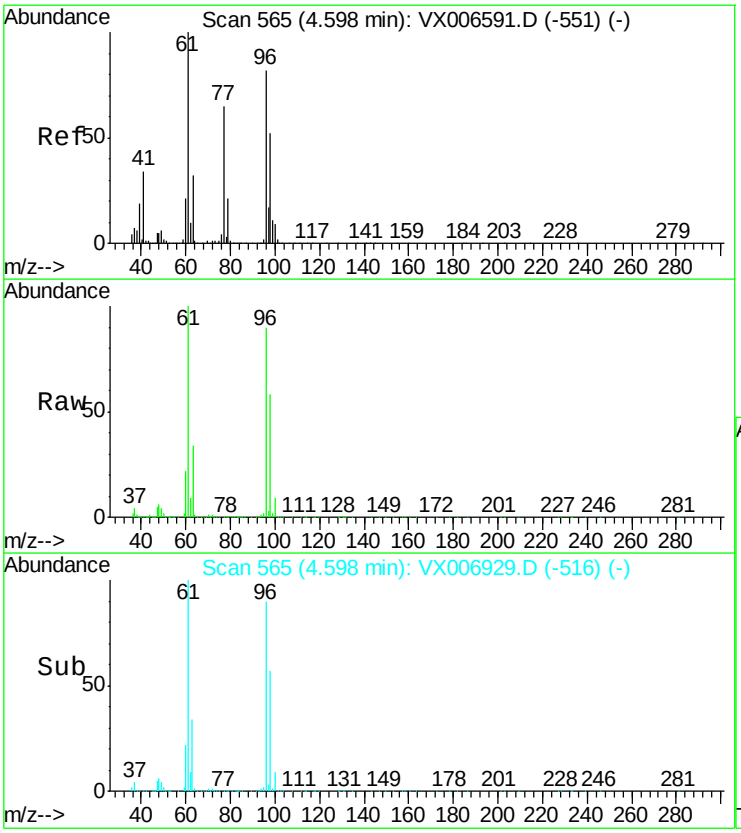
#21
trans-1,2-Dichloroethene
Concen: 1.488 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 9658

Ion	Ratio	Lower	Upper
96	100		
61	119.3	103.7	155.5
98	75.4	51.0	76.6

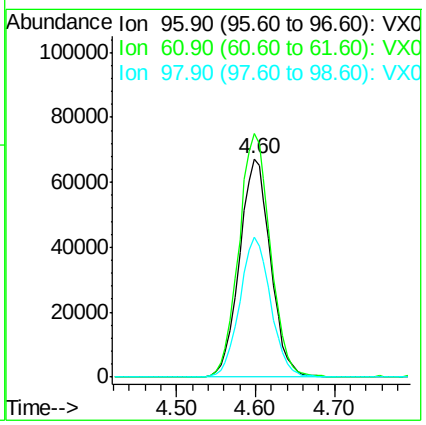


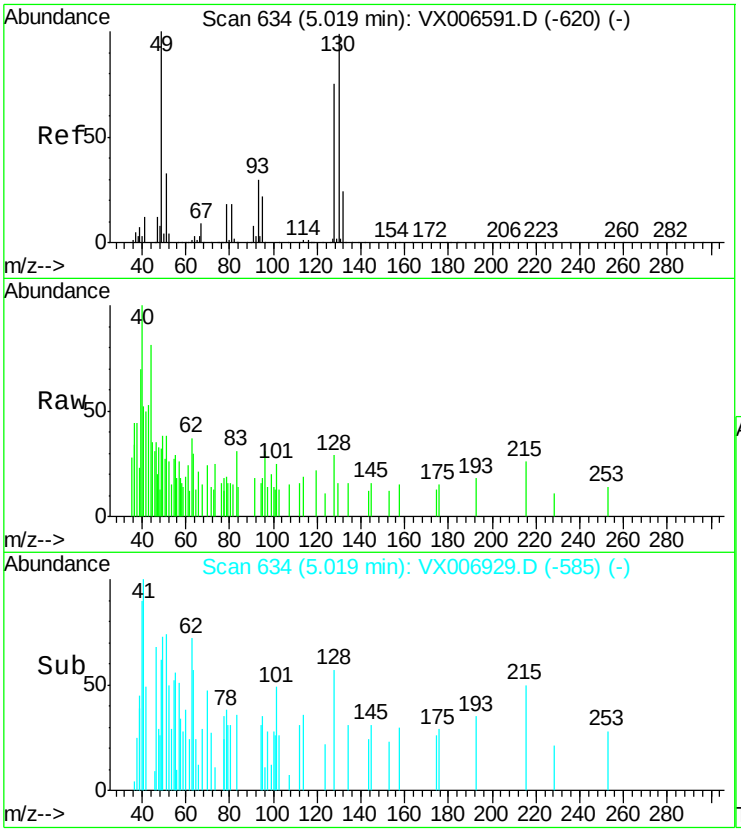


#27
cis-1,2-Dichloroethene
Concen: 25.690 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 96 Resp: 183979

Ion	Ratio	Lower	Upper
96	100		
61	113.0	0.0	258.6
98	63.7	0.0	132.0



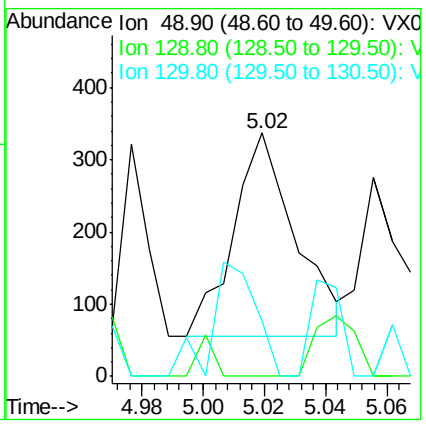


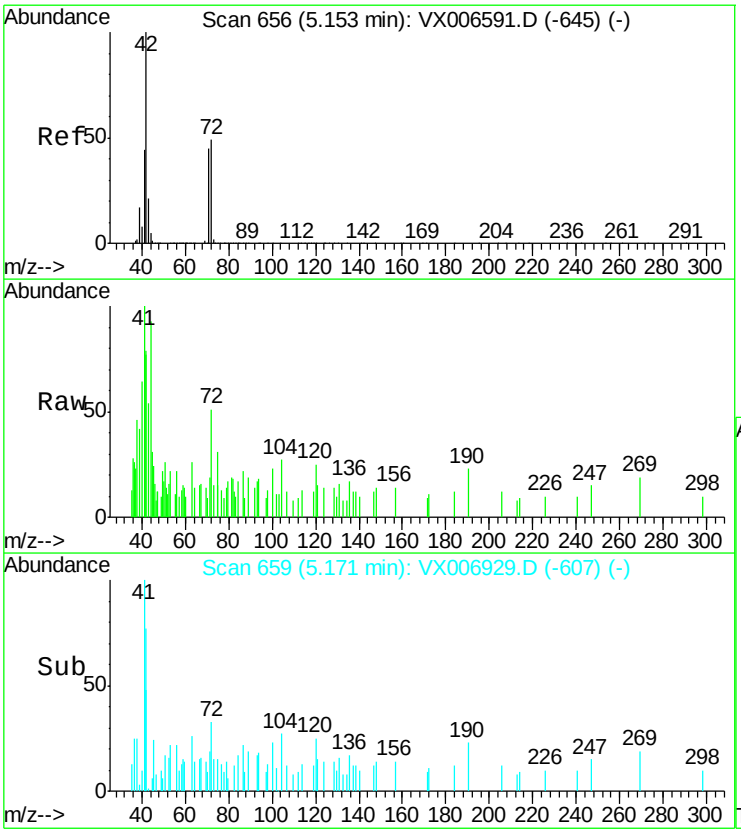
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 395

Ion	Ratio	Lower	Upper
49	100		
129	5.3	0.0	5.4
130	40.0	77.7	116.5#

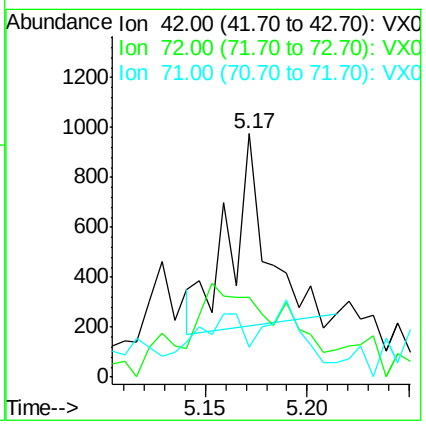


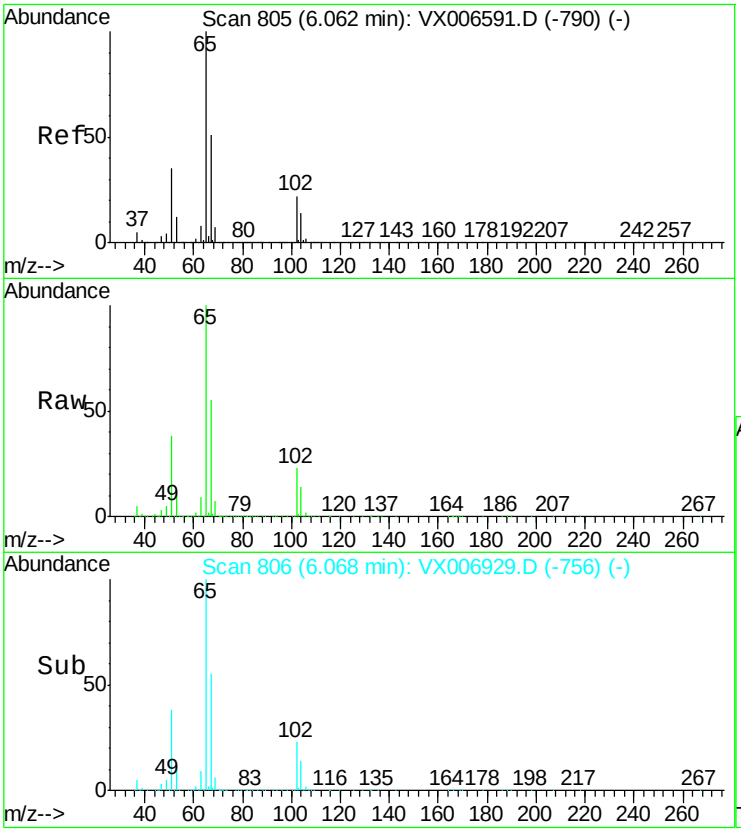


#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 42 Resp: 944

Ion	Ratio	Lower	Upper
42	100		
72	113.2	38.9	58.3#
71	40.7	36.2	54.4



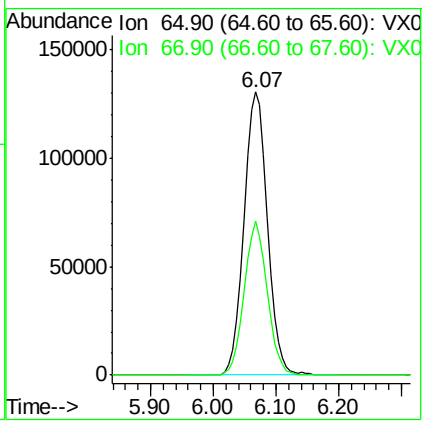


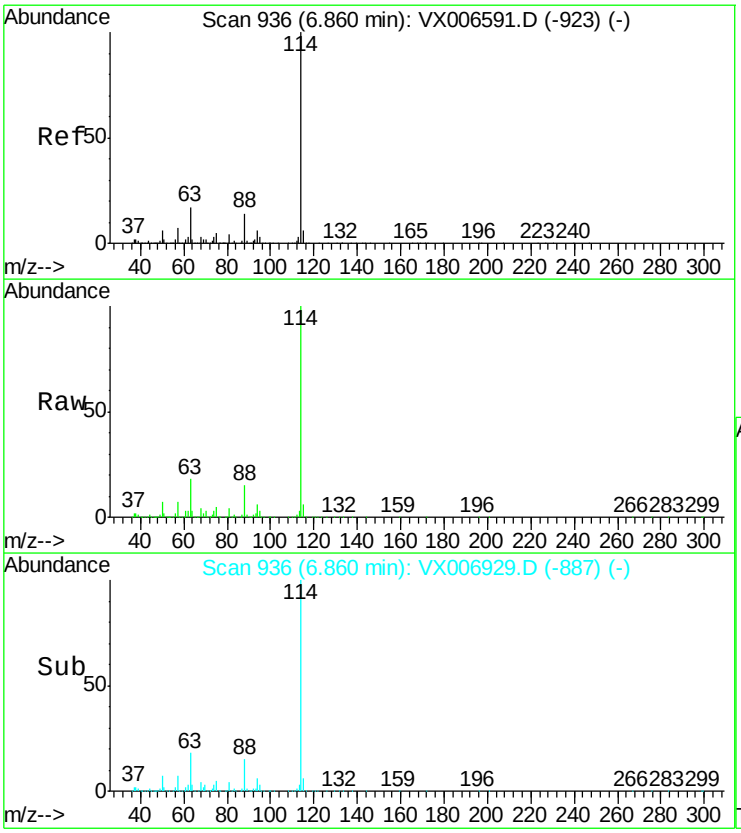
#33
1,2-Dichloroethane-d4
Concen: 47.894 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 338437

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.0

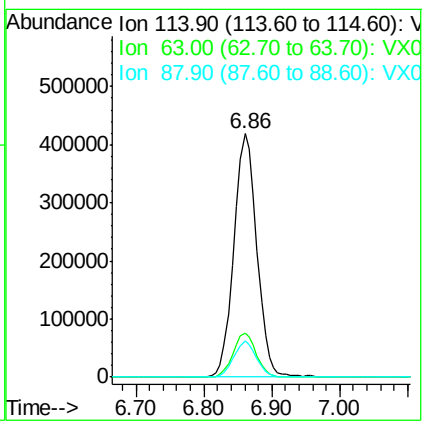


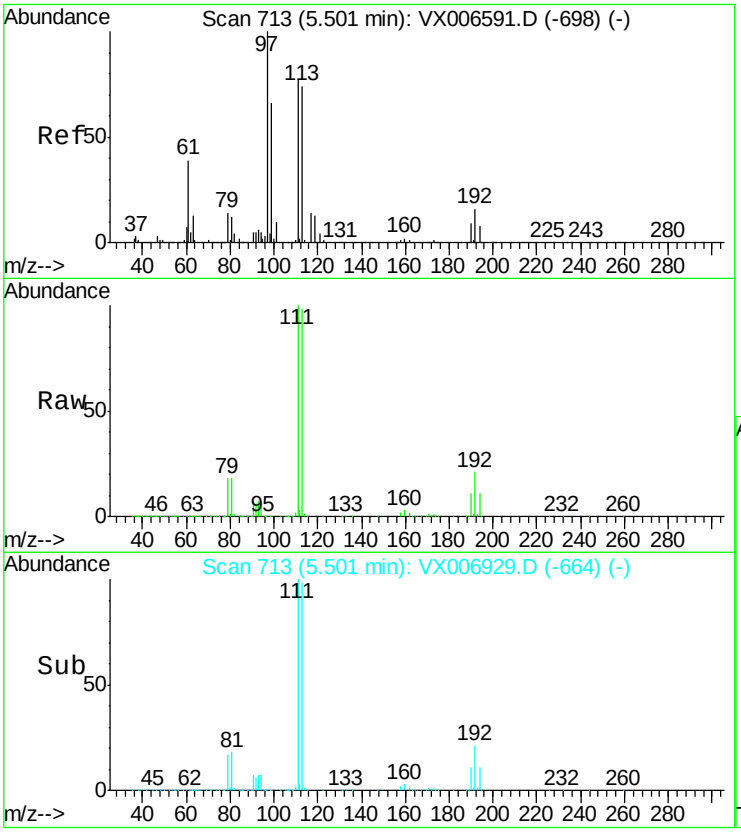


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:114 Resp: 981836

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	15.0	0.0	28.8



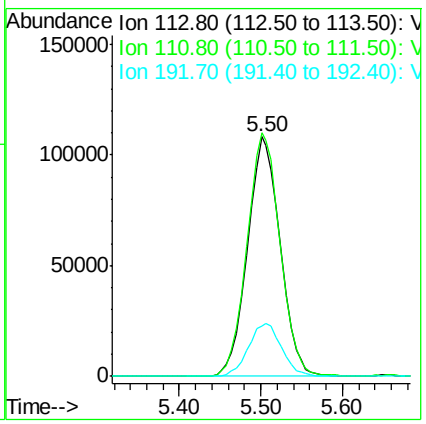


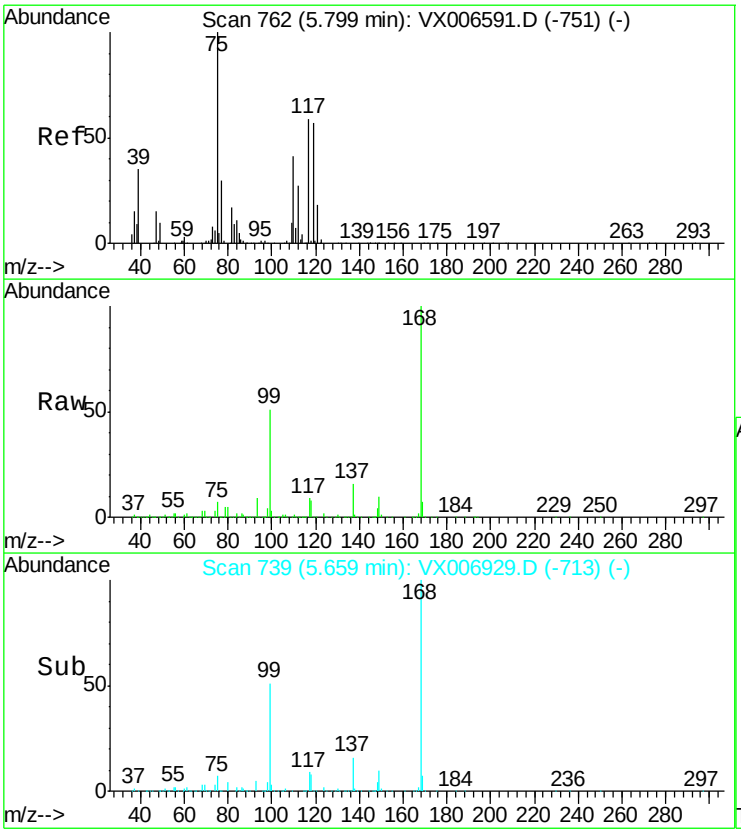
#35
Dibromofluoromethane
Concen: 48.597 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 301736

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	22.5	16.7	25.1

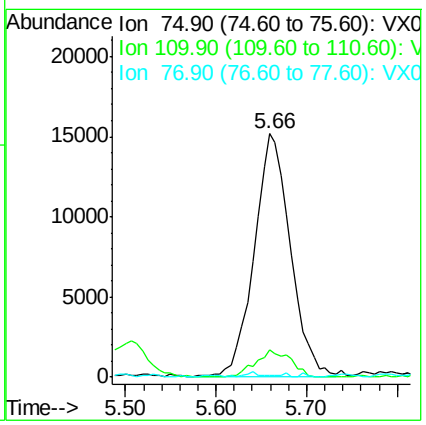


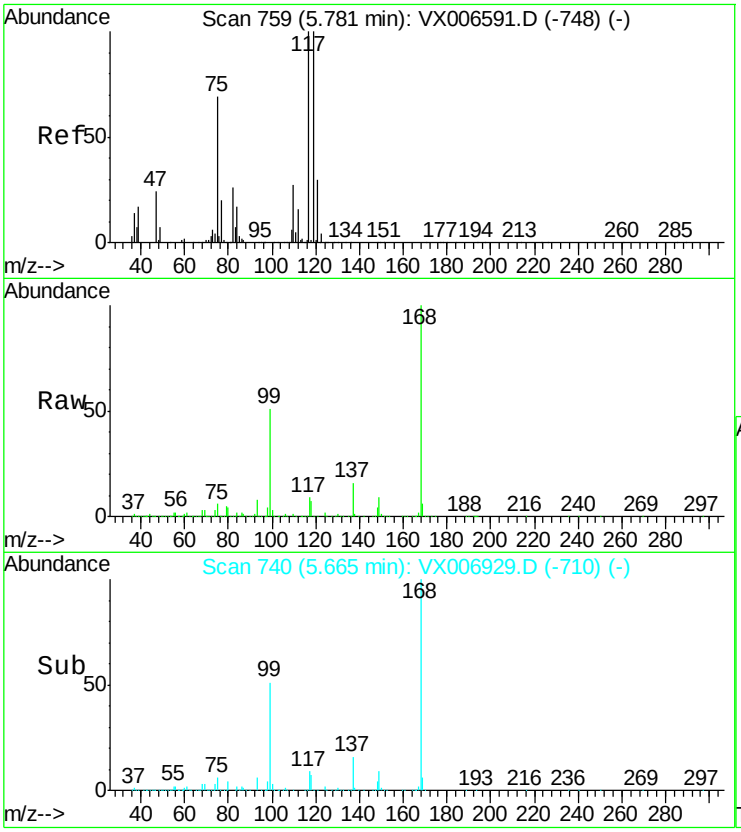


#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 75 Resp: 41919

Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.2	60.5#
77	0.2	24.8	37.2#



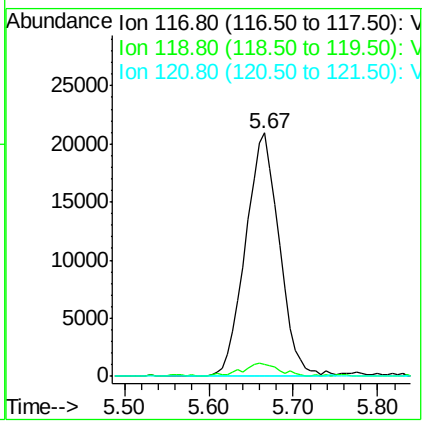


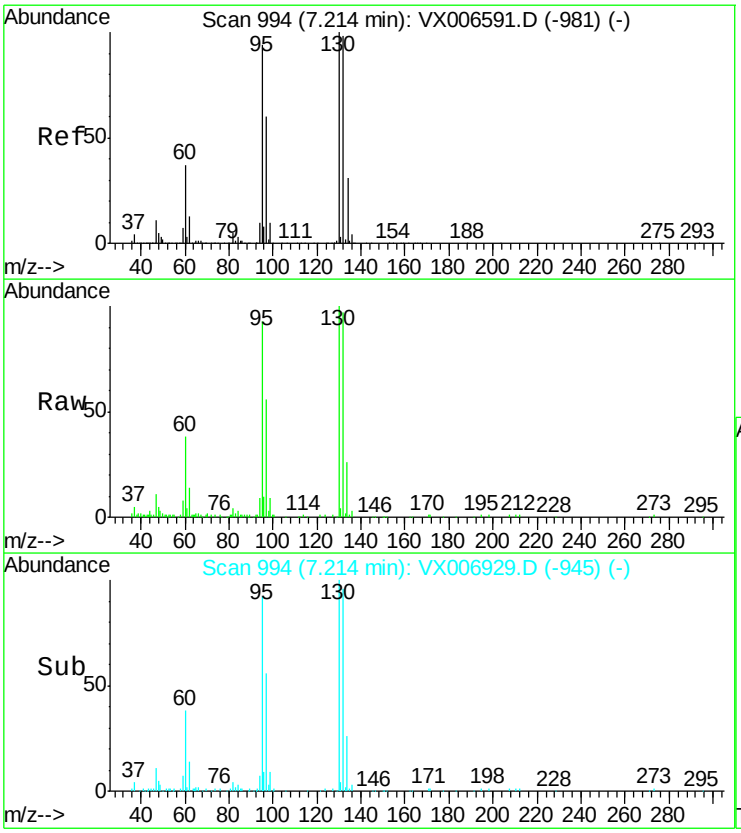
#38
Carbon Tetrachloride
Concen: 7.247 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 57274

Ion	Ratio	Lower	Upper
117	100		
119	4.7	79.4	119.2#
121	0.3	24.0	36.0#

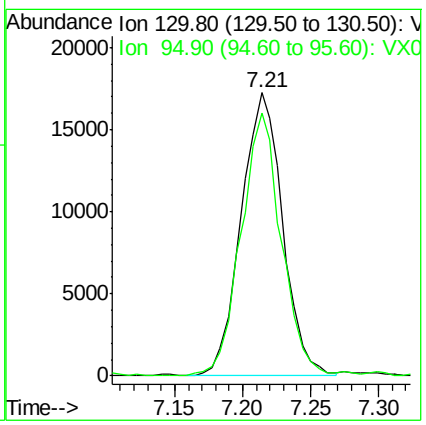


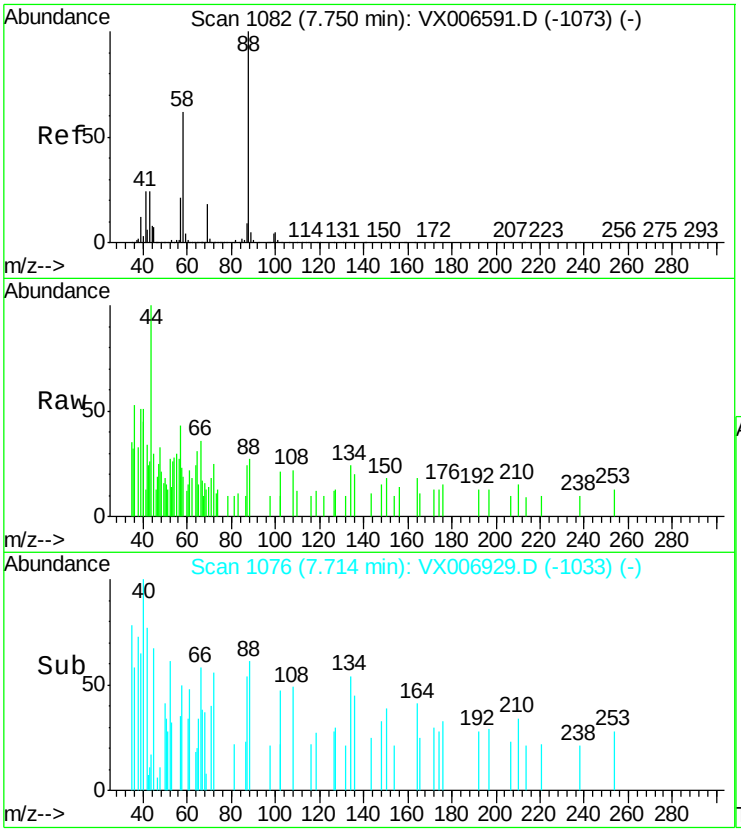


#44
Trichloroethene
Concen: 4.931 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:130 Resp: 36888

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	187.0



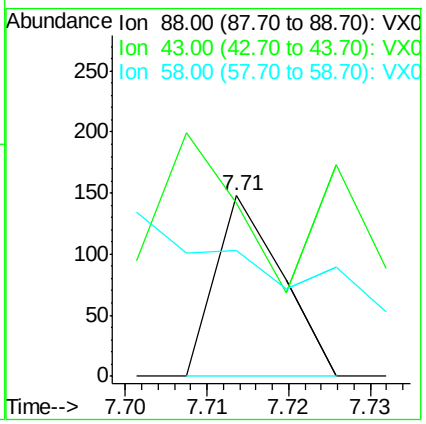


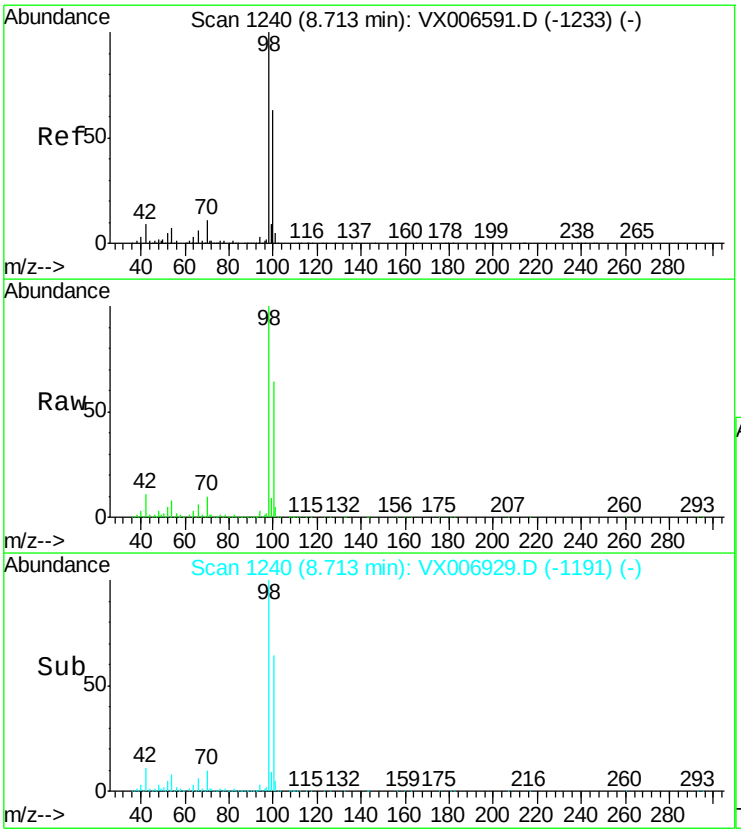
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.71 min Scan# 1076
Delta R.T. -0.04 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#

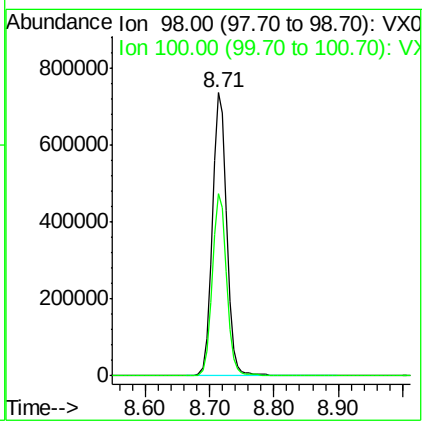


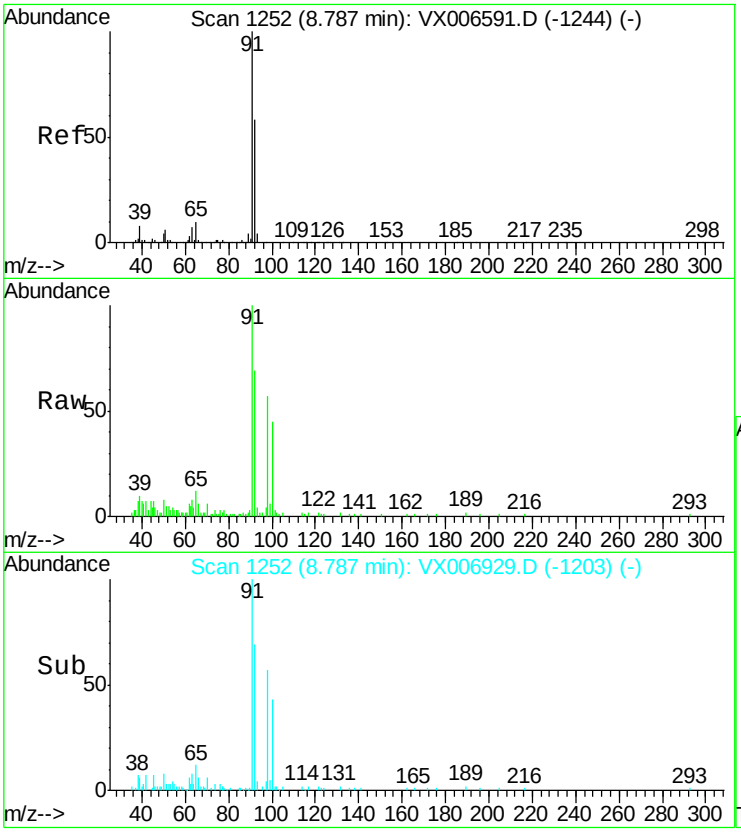


#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 98 Resp: 1162399

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



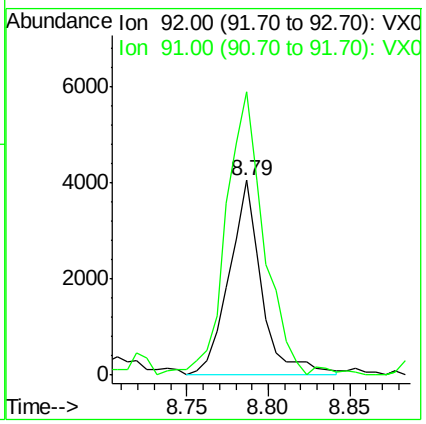


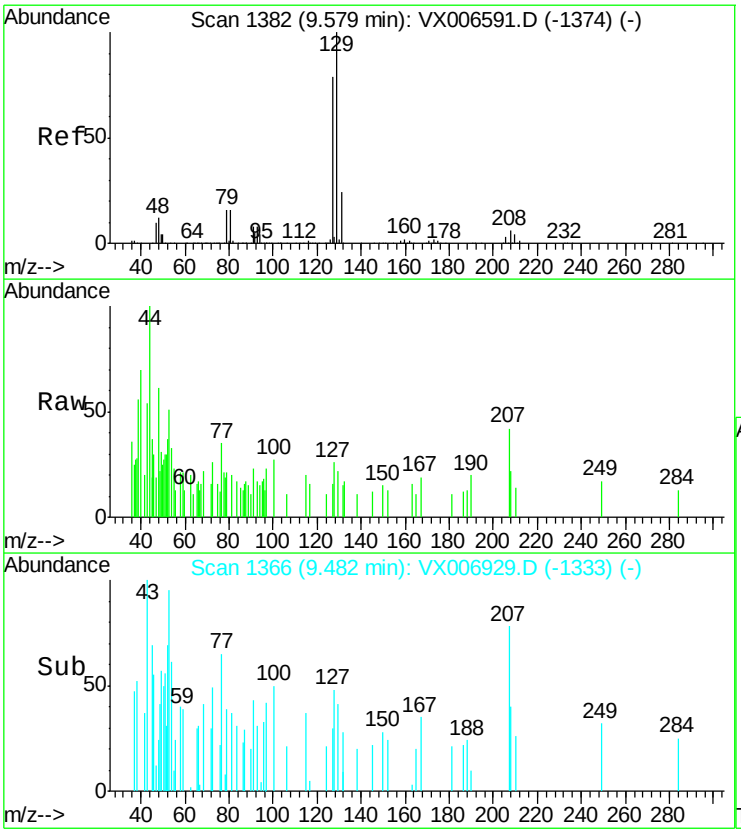
#52
Toluene
Concen: 0.351 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 5602

Ion	Ratio	Lower	Upper
92	100		
91	167.9	137.6	206.4

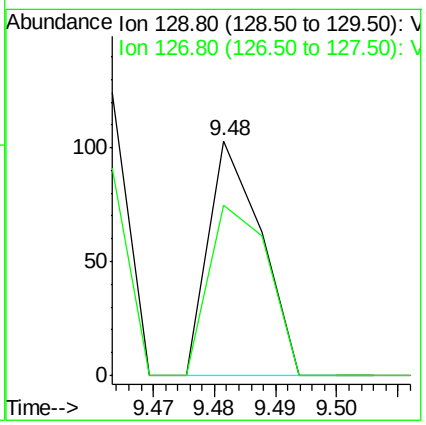


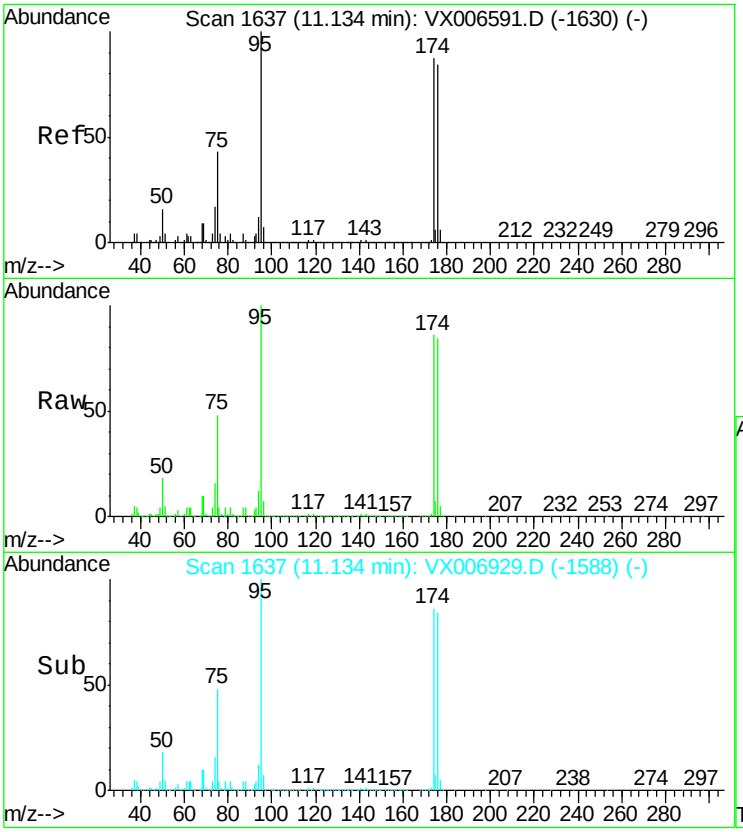


#60
Dibromochloromethane
Concen: 2.333 ug/l
RT: 9.48 min Scan# 1366
Delta R.T. -0.10 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:129 Resp: 61

Ion	Ratio	Lower	Upper
129	100		
127	82.0	39.3	117.8



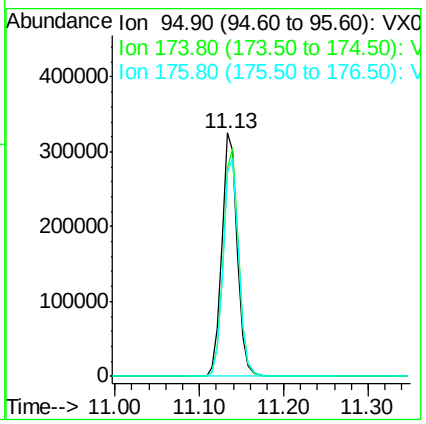


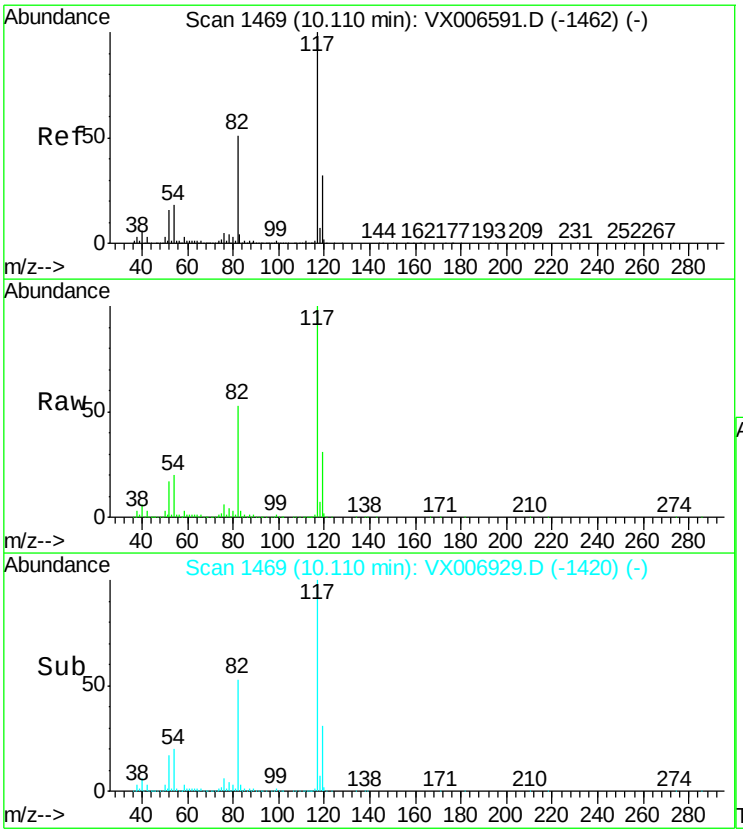
#62
4-Bromofluorobenzene
Concen: 48.119 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 412519

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	182.2
176	90.5	0.0	178.8

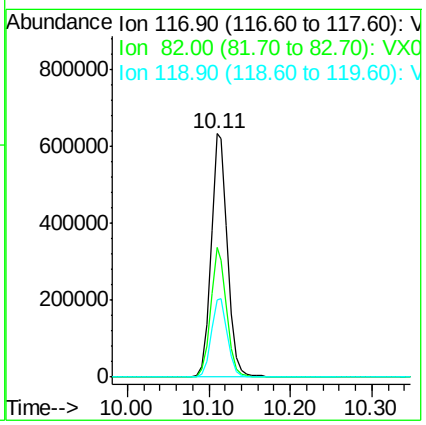


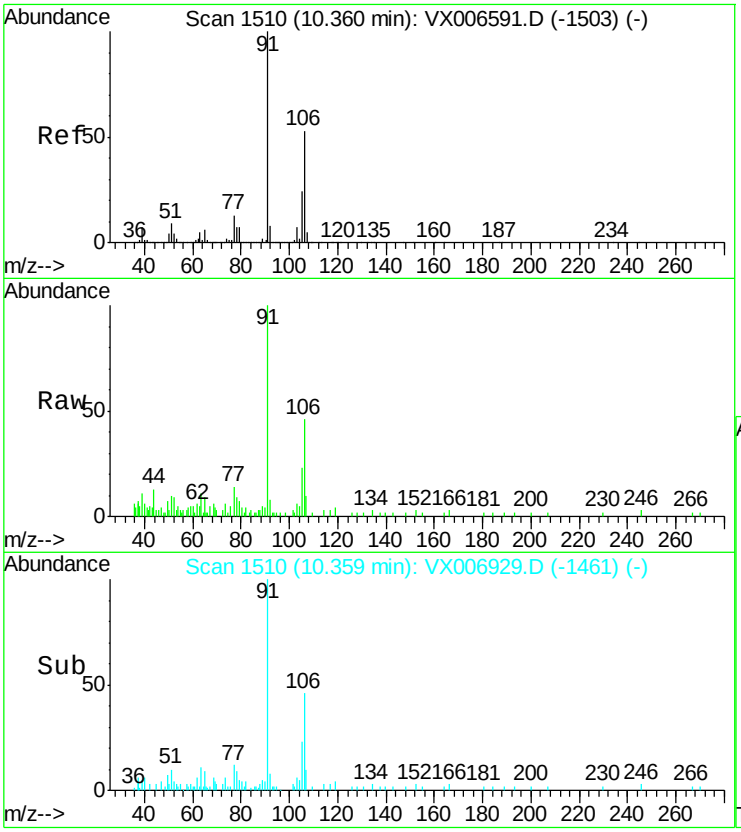


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:117 Resp: 901818

Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.0	61.6
119	31.5	25.4	38.0



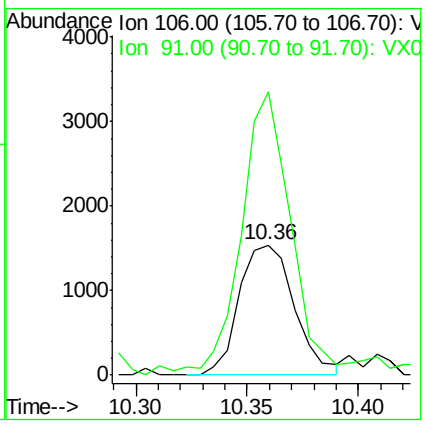


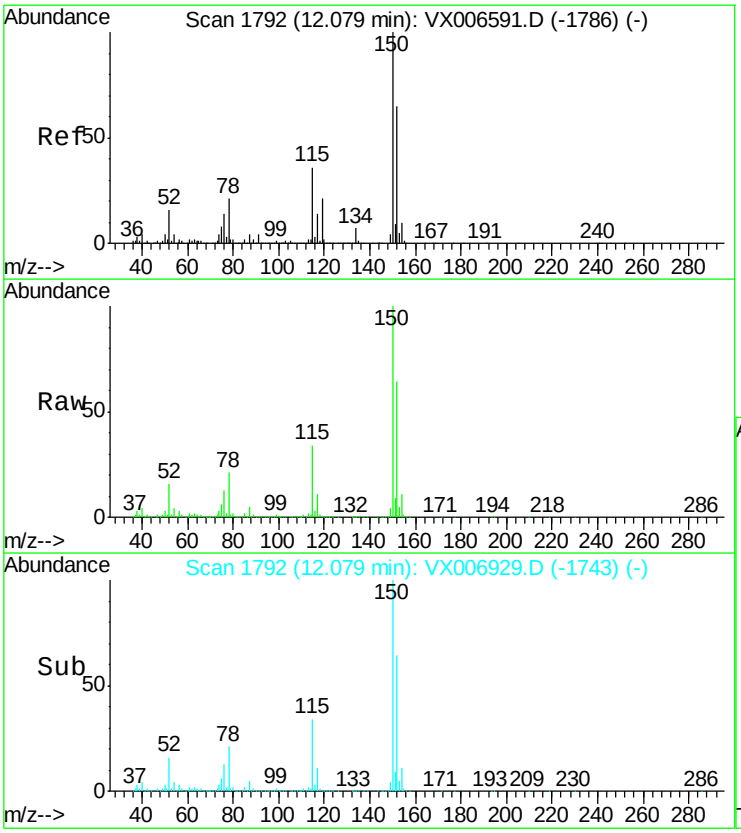
#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2665

Ion	Ratio	Lower	Upper
106	100		
91	197.3	155.8	233.6

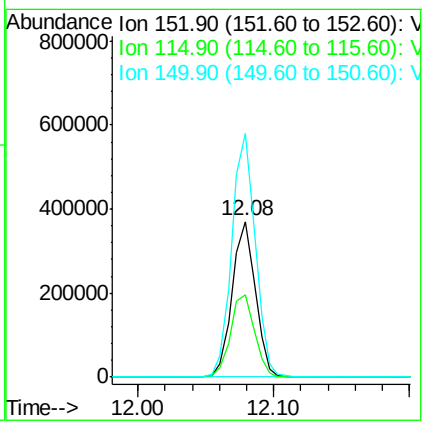


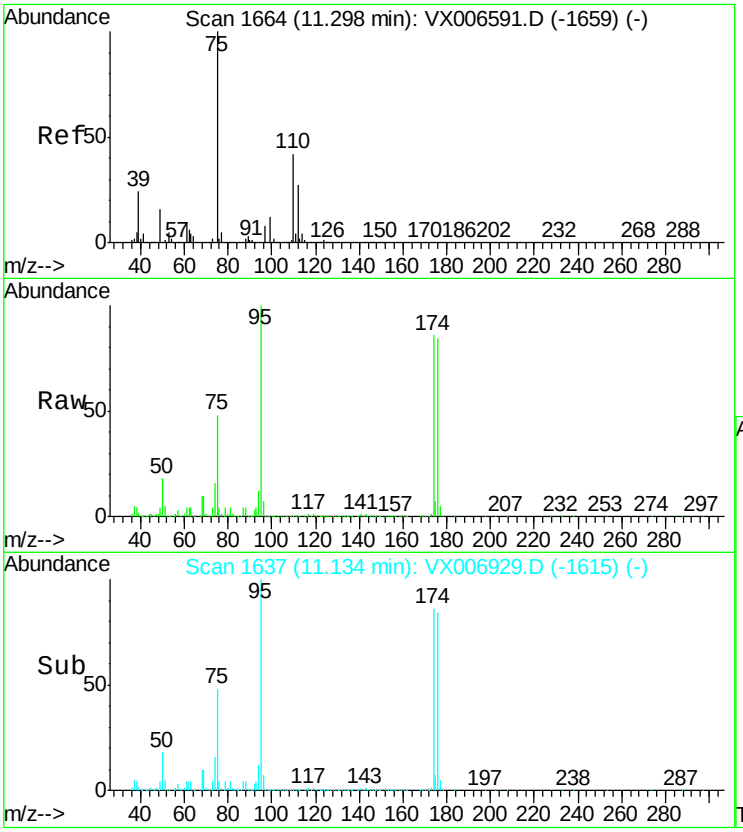


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:152 Resp: 440455

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	158.3	0.0	344.8



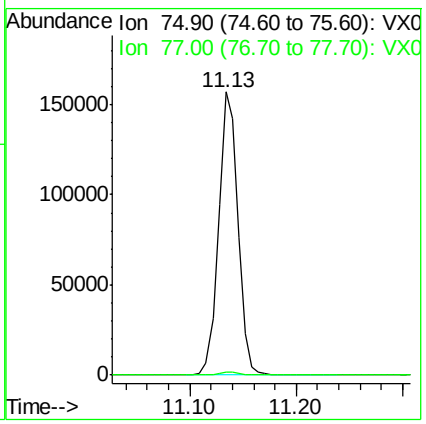


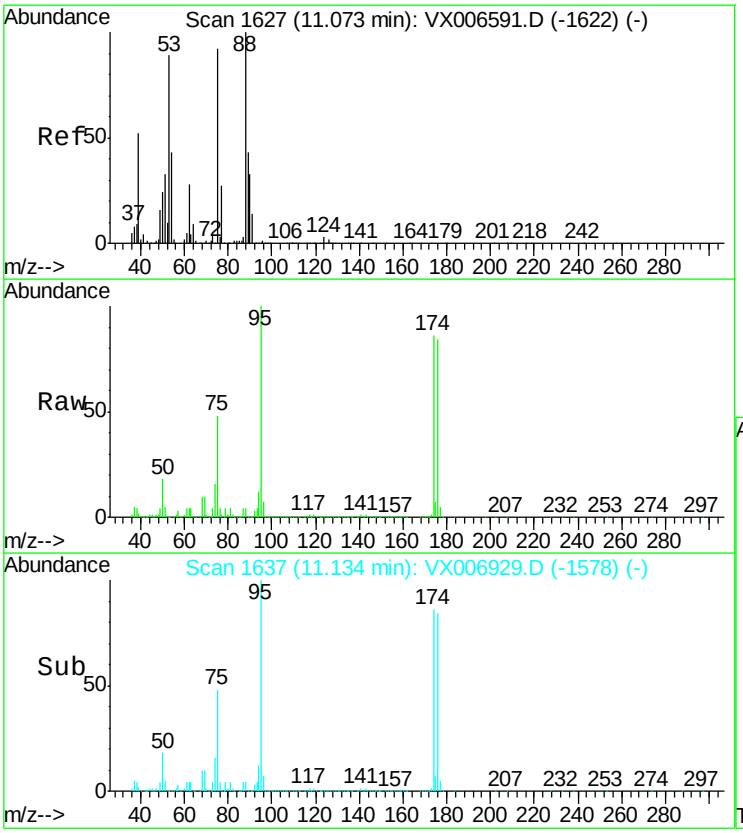
#76
1,2,3-Trichloropropane
Concen: 24.243 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 198443

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#

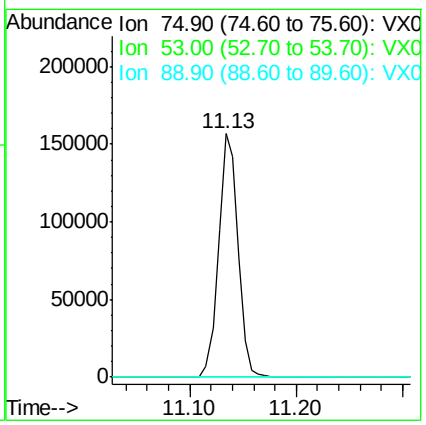


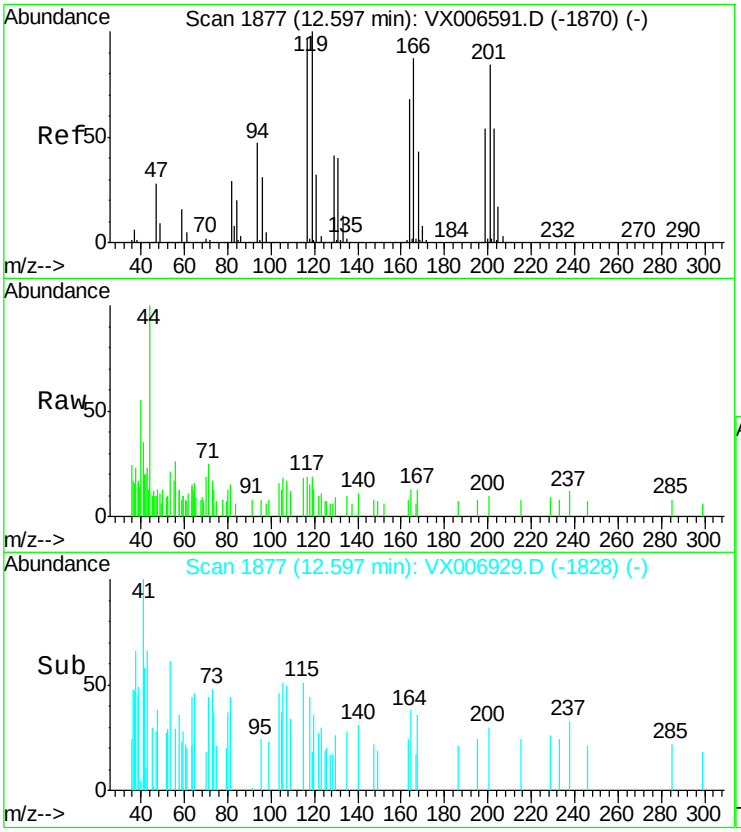


#81
trans-1,4-Dichloro-2-butene
Concen: 71.766 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 75 Resp: 198443

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.0	38.0	57.0#



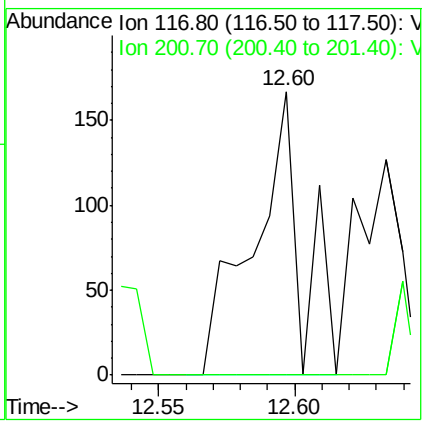


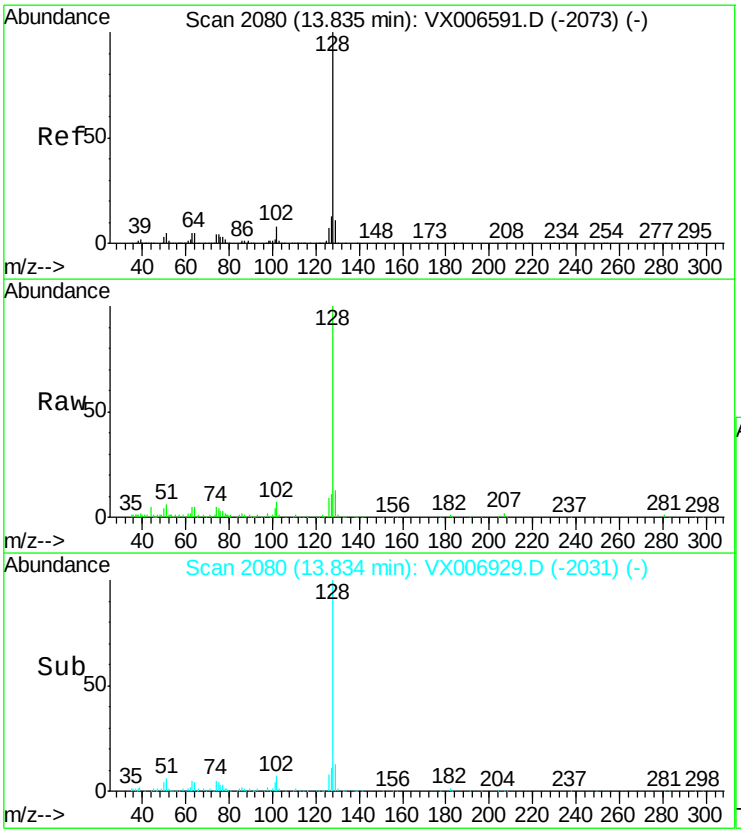
#90
Hexachloroethane
Concen: 3.340 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 210

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion:128 Resp: 24679

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	12.3	8.6	13.0