Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101918\
Data File : VX005446.D
Acq On : 19 Oct 2018 09:53
Operator : JC/MD
Sample : VX1019WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Quant Time: Oct 20 04:16:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	285976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156419	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
35) Dibromofluoromethane	5.51	113	132109	49.20	ug/l	0.01
Spiked Amount 50.000			Recovery = 98.40%			
50) Toluene-d8	8.71	98	455143	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.76%			
62) 4-Bromofluorobenzene	11.14	95	151088	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.26%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	701	0.216	ug/l	98
5) Bromomethane	1.65	94	629	0.920	ug/l	91
6) Chloroethane	1.71	64	21	0.345	ug/l #	47
10) Methyl Iodide	2.52	142	319	2.598	ug/l #	82
11) Tert butyl alcohol	3.04	59	539	0.602	ug/l #	83
13) Acrolein	2.29	56	374	Below Cal		85
15) Acrylonitrile	3.15	53	1060	0.522	ug/l #	88
16) Acetone	2.44	43	785	0.428	ug/l	90
17) Carbon Disulfide	2.57	76	2253	0.297	ug/l	95
20) Methylene Chloride	2.85	84	525	Below Cal #		71
25) 2-Butanone	4.71	43	609	0.227	ug/l	95
29) Tetrahydrofuran	5.15	42	1081	0.631	ug/l #	77
31) Cyclohexane	5.66	56	4703	1.078	ug/l #	3
36) 1,1-Dichloropropene	5.67	75	18130	4.618	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24734	6.270	ug/l #	14
44) Trichloroethene	7.21	130	120	Below Cal		61
49) 1,4-Dioxane	7.76	88	46	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	72422	22.104	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	72422	67.163	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	900	0.224	ug/l	97
94) Hexachlorobutadiene	13.78	225	1052	0.496	ug/l	97
95) Naphthalene	13.83	128	2385	0.205	ug/l	99

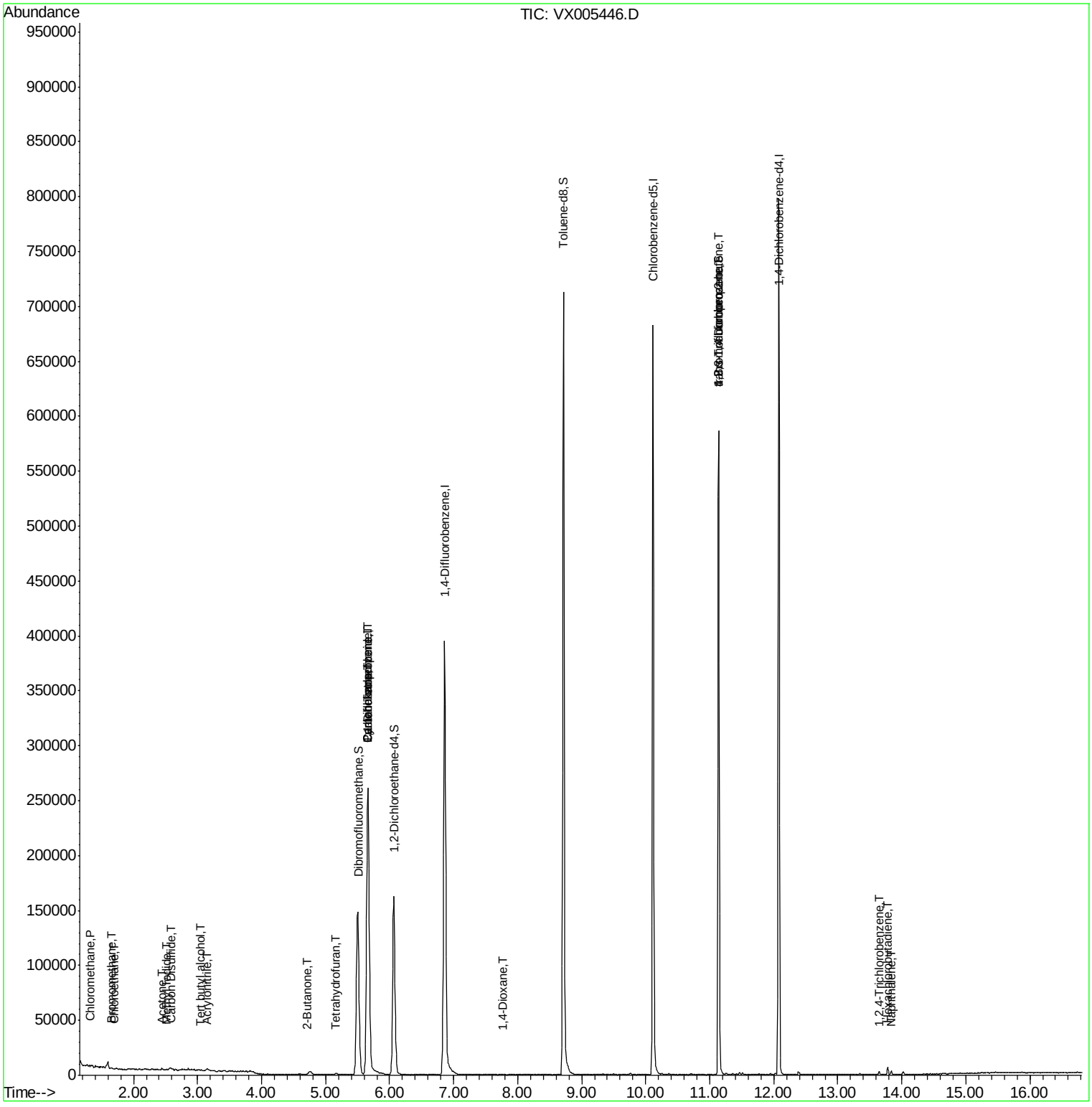
(#) = qualifier out of range (m) = manual integration (+) = signals summed

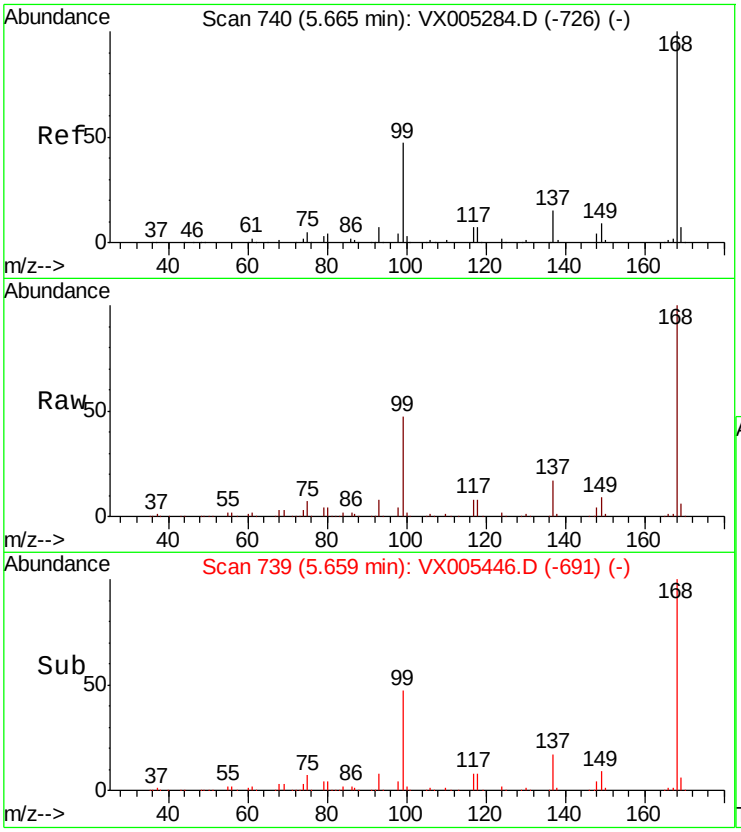
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101918\
Data File : VX005446.D
Acq On : 19 Oct 2018 09:53
Operator : JC/MD
Sample : VX1019WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Quant Time: Oct 20 04:16:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



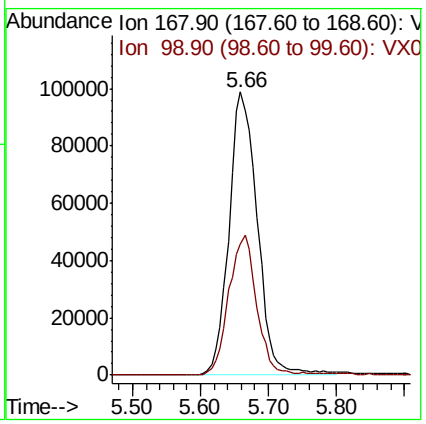


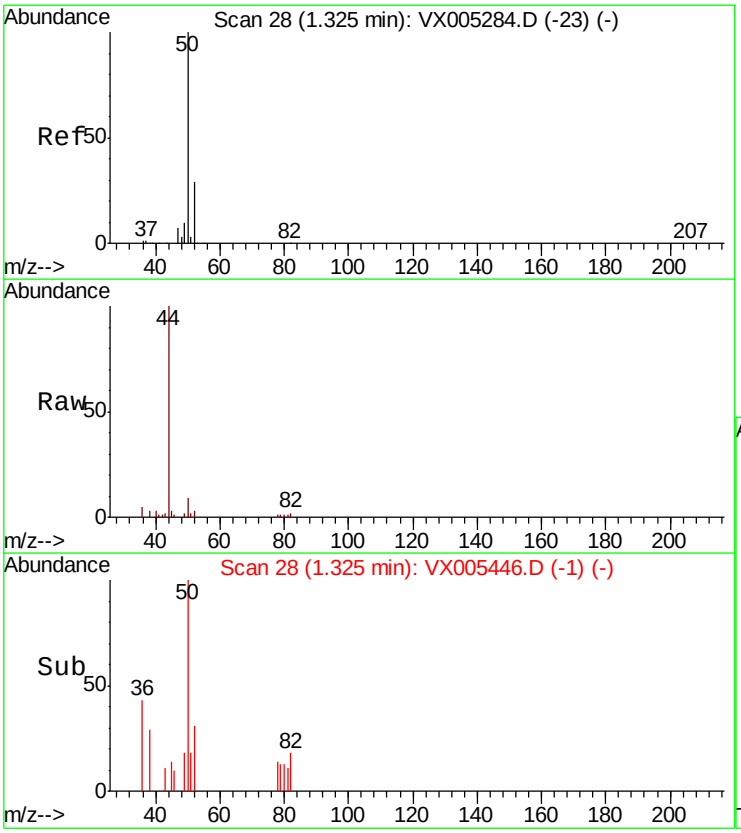
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion:168 Resp: 285976

Ion	Ratio	Lower	Upper
168	100		
99	46.5	39.9	59.9

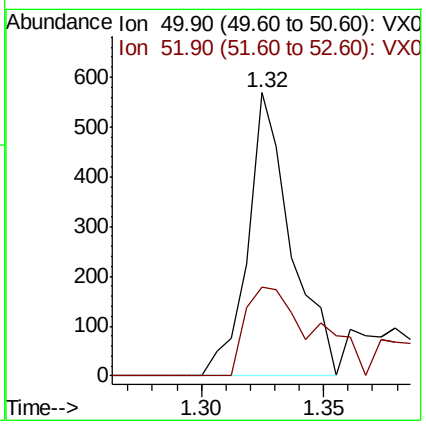


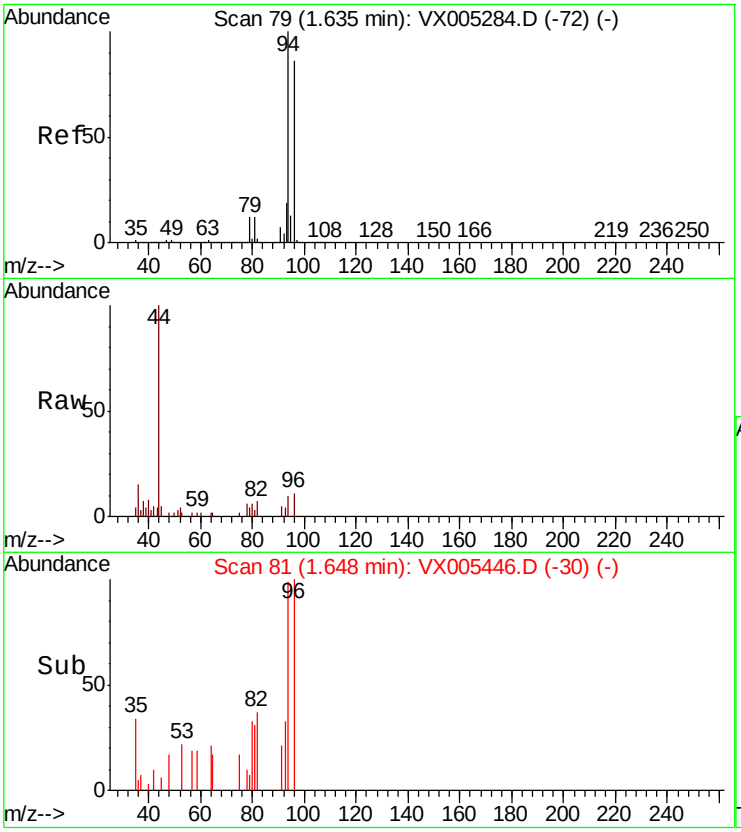


#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 50 Resp: 701

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.2	39.2



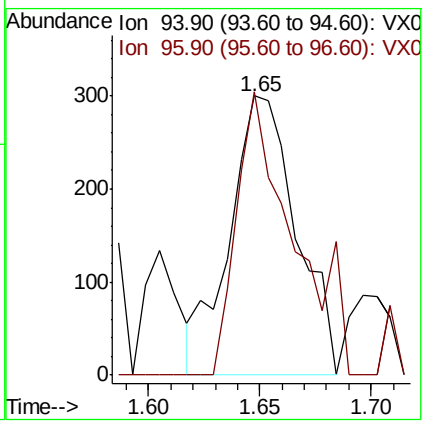


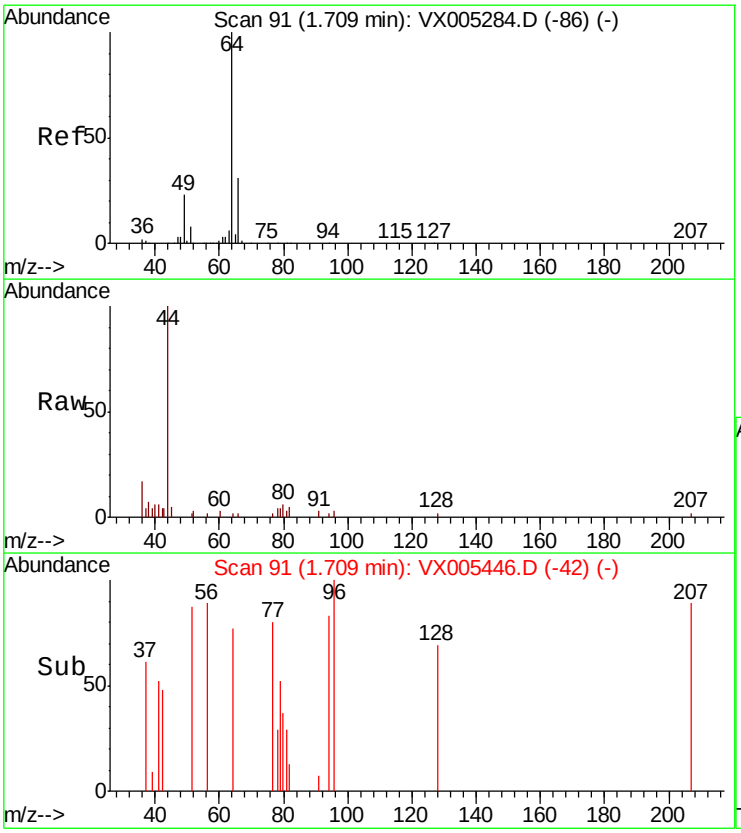
#5
Bromomethane
Concen: 0.920 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 94 Resp: 629

Ion	Ratio	Lower	Upper
94	100		
96	101.3	74.5	111.7

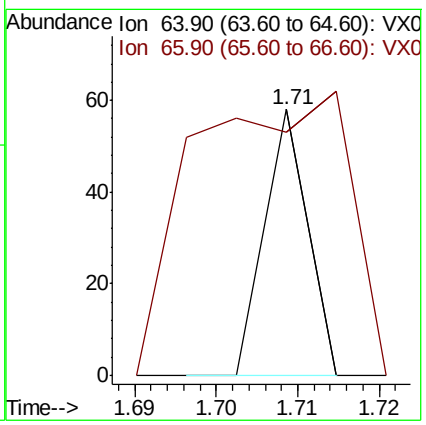


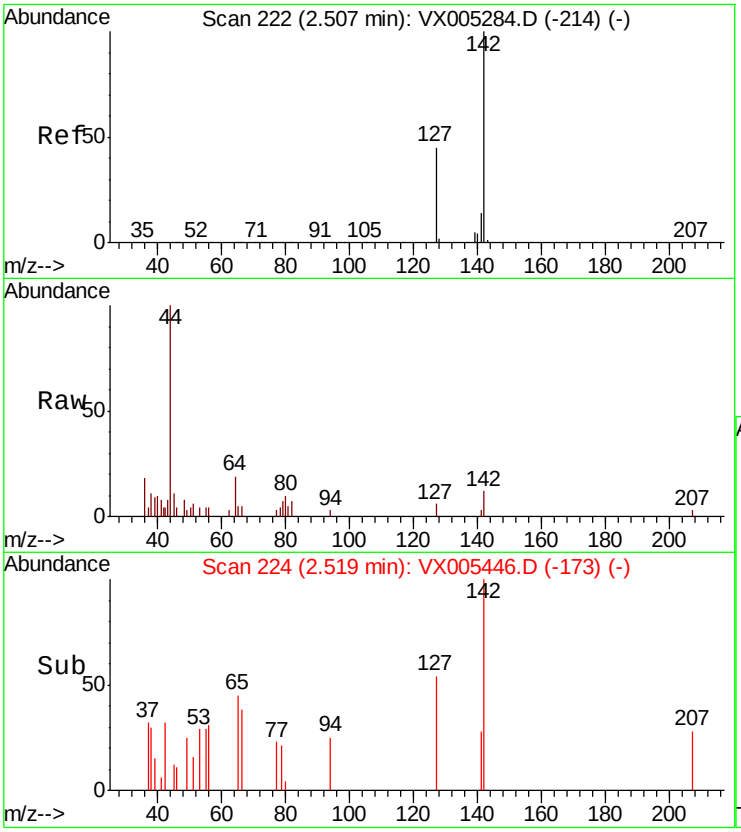


#6
Chloroethane
Concen: 0.345 ug/l
RT: 1.71 min Scan# 91
Delta R.T. 0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 64 Resp: 21

Ion	Ratio	Lower	Upper
64	100		
66	1.7	24.6	36.8#



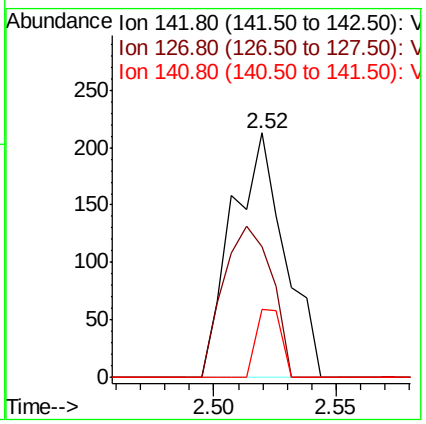


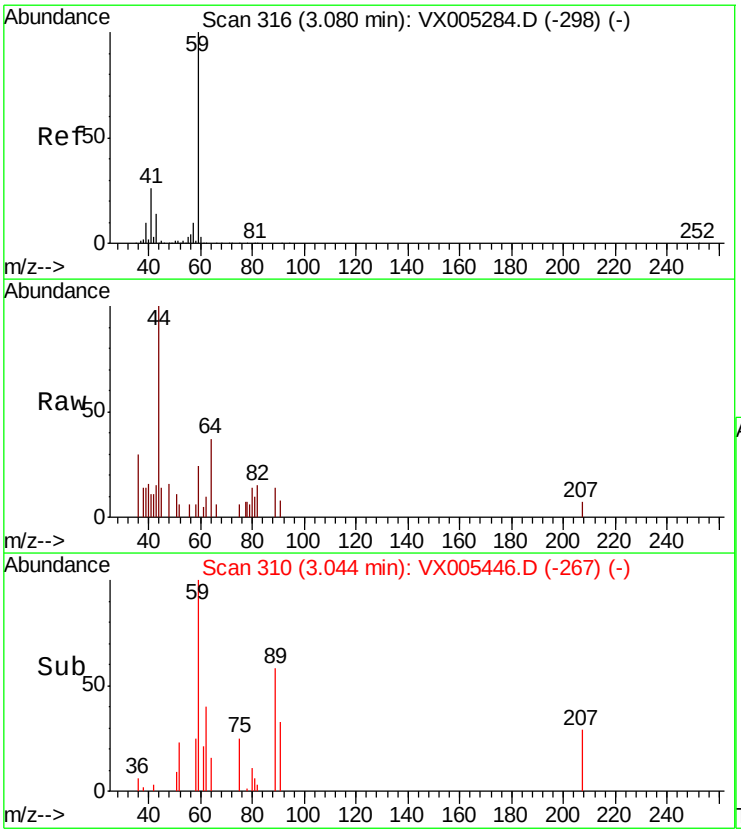
#10
Methyl Iodide
Concen: 2.598 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion:142 Resp: 319

Ion	Ratio	Lower	Upper
142	100		
127	57.1	33.8	50.6#
141	13.5	11.4	17.0

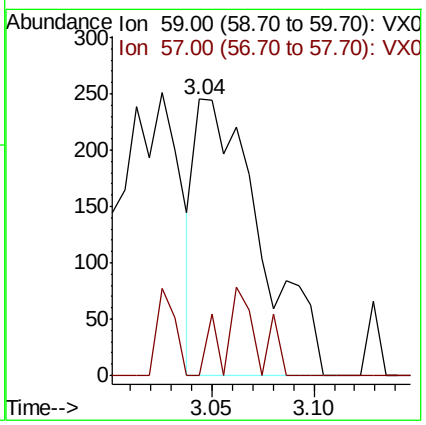


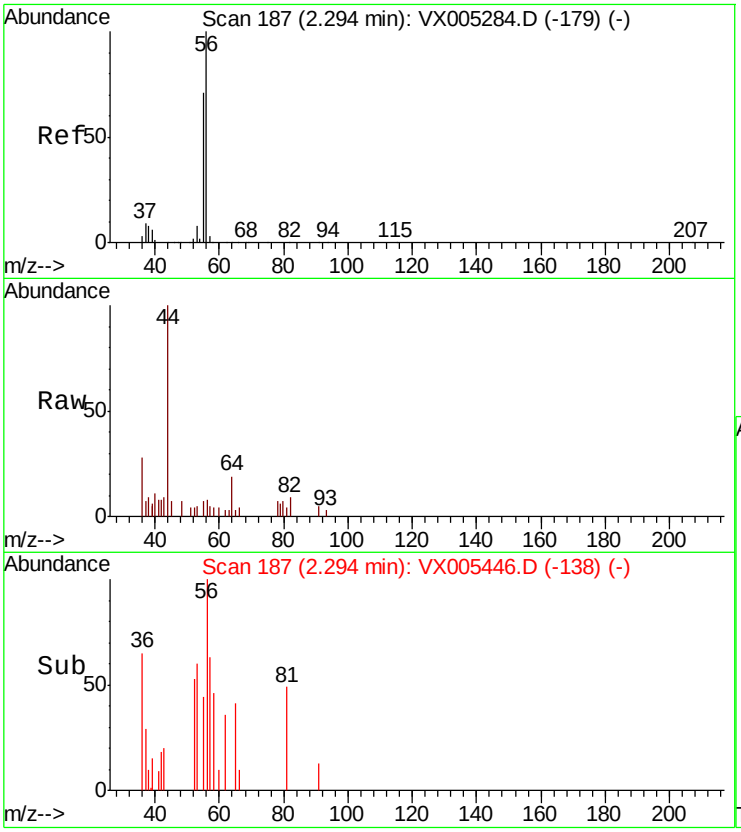


#11
Tert butyl alcohol
Concen: 0.602 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.04 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 59 Resp: 539

Ion	Ratio	Lower	Upper
59	100		
57	16.5	8.2	12.4#



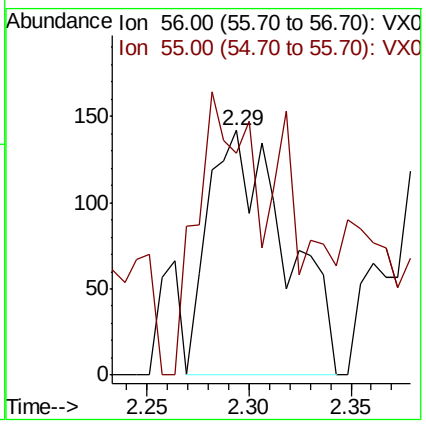


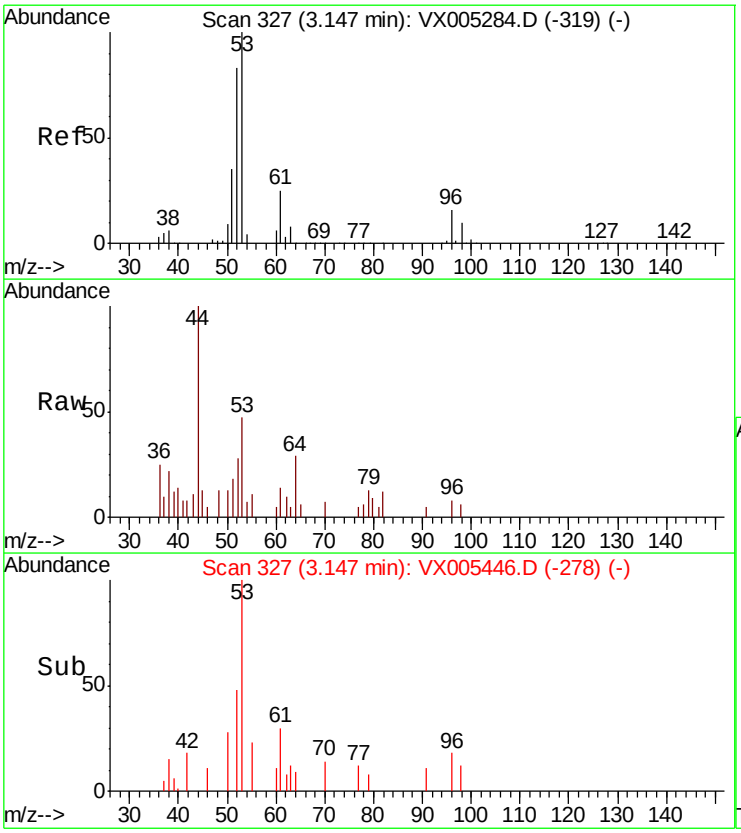
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 56 Resp: 374

Ion	Ratio	Lower	Upper
56	100		
55	80.5	54.7	82.1

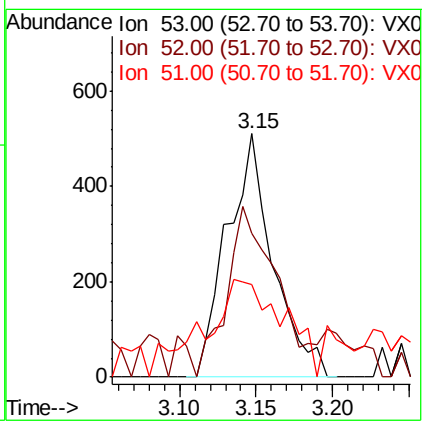


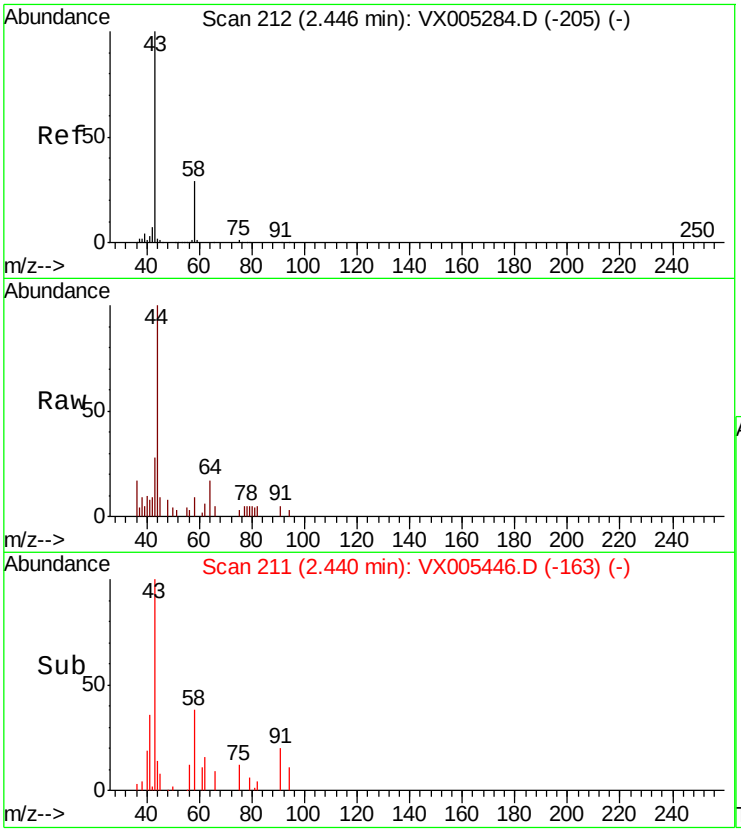


#15
Acrylonitrile
Concen: 0.522 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 53 Resp: 1060

Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.2	97.8
51	53.8	28.2	42.2#



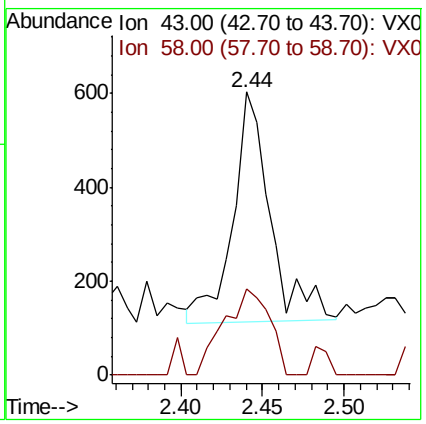


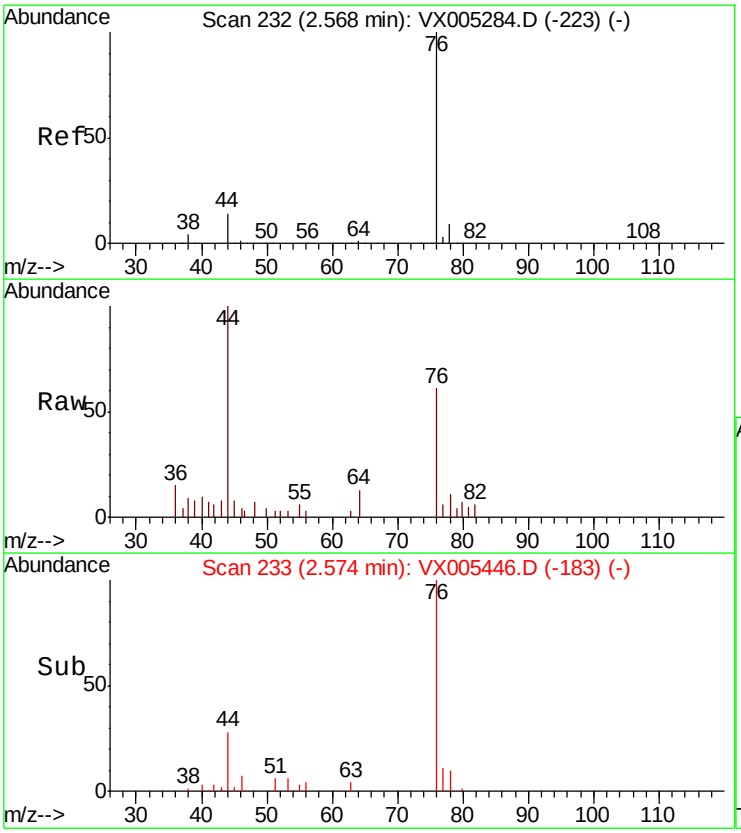
#16
Acetone
Concen: 0.428 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 43 Resp: 785

Ion	Ratio	Lower	Upper
43	100		
58	38.5	26.2	39.4

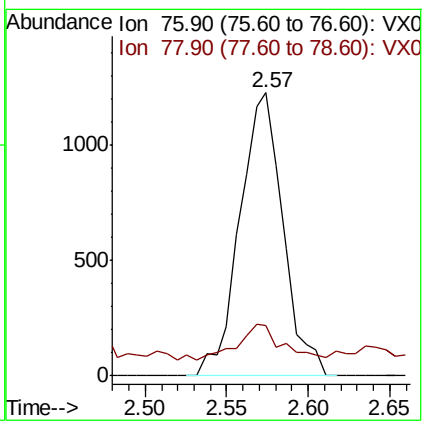


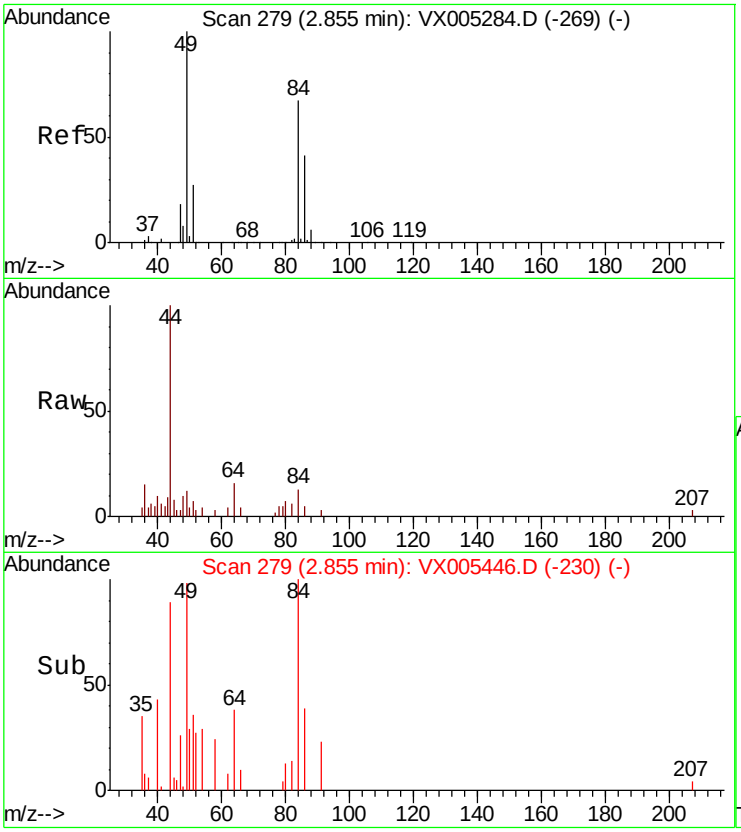


#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 76 Resp: 2253

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.0	10.6



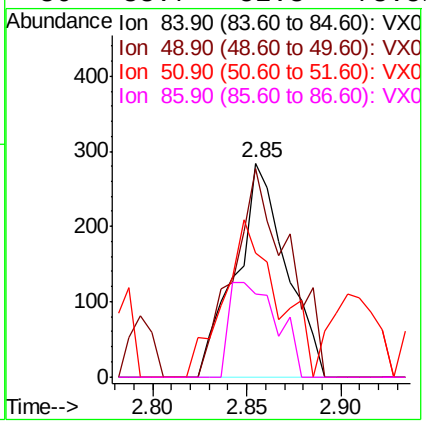


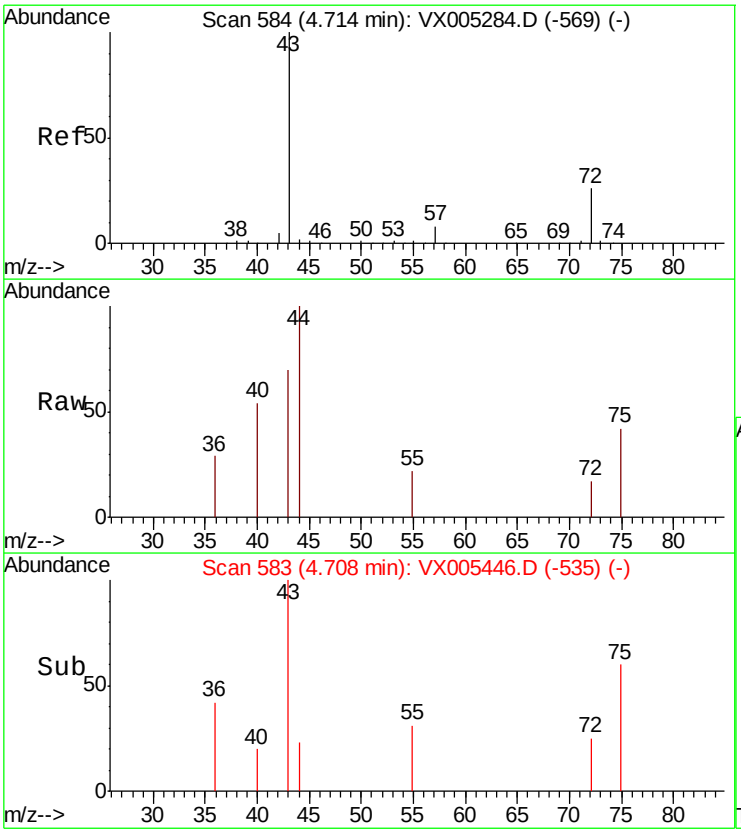
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion: 84 Resp: 525

Ion	Ratio	Lower	Upper
84	100		
49	97.5	101.2	151.8#
51	57.7	29.5	44.3#
86	38.7	52.3	78.5#

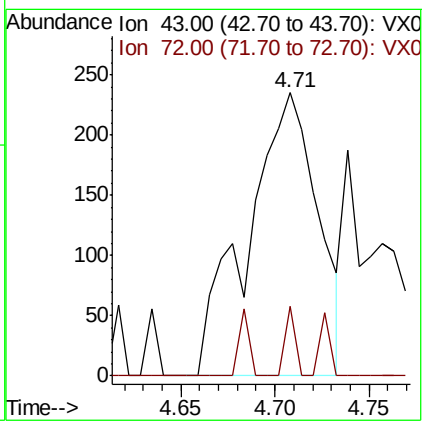


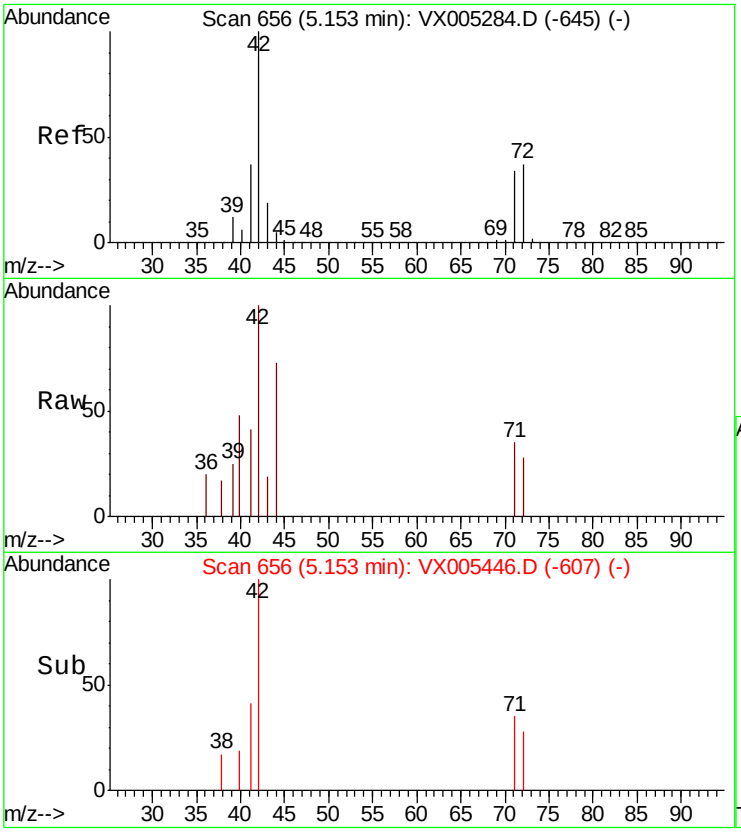


#25
2-Butanone
Concen: 0.227 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 43 Resp: 609

Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.0	33.0



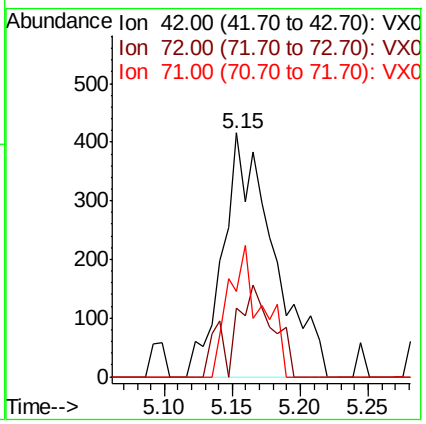


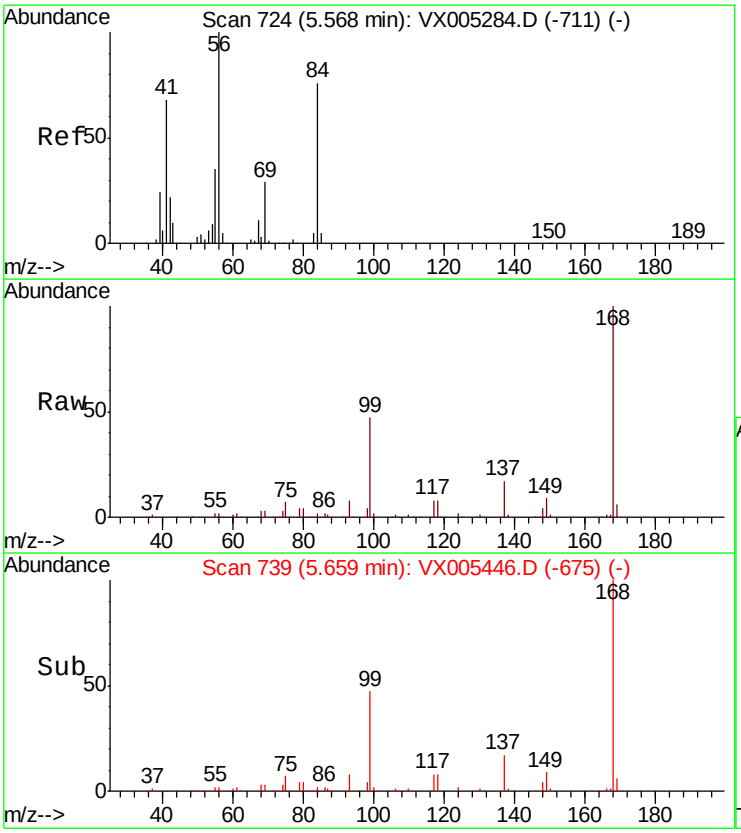
#29
Tetrahydrofuran
Concen: 0.631 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion: 42 Resp: 1081

Ion	Ratio	Lower	Upper
42	100		
72	25.0	37.4	56.0#
71	35.5	34.5	51.7

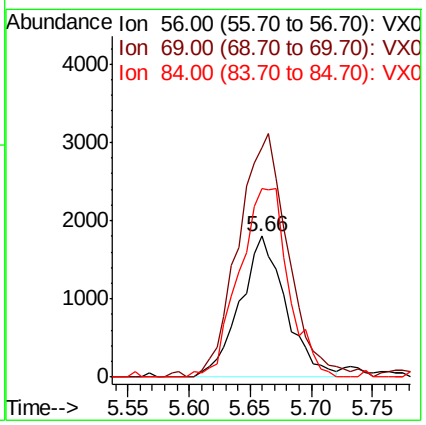


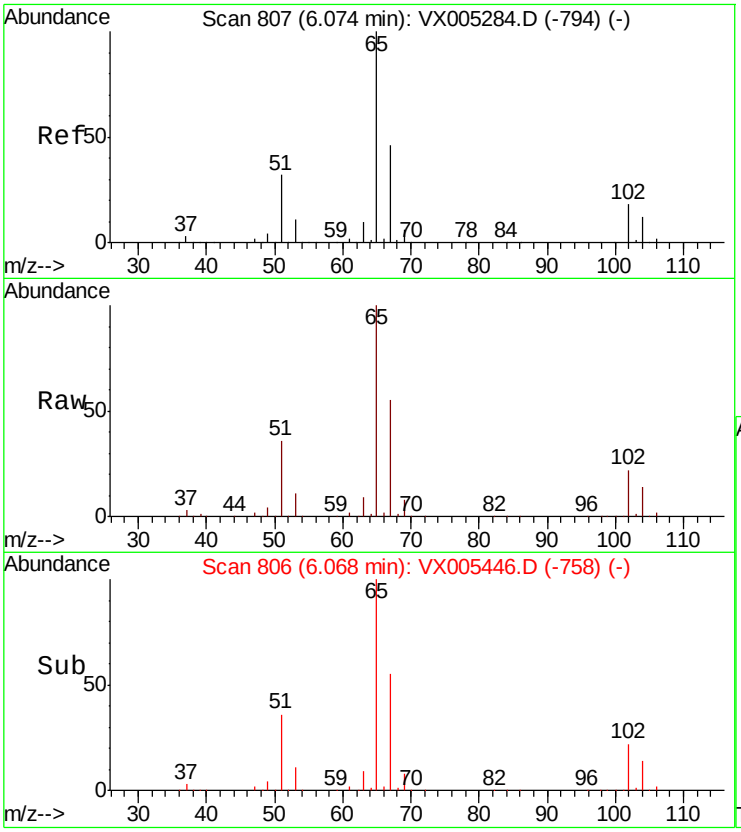


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 56 Resp: 4703

Ion	Ratio	Lower	Upper
56	100		
69	163.0	25.4	38.2#
84	134.1	71.4	107.2#



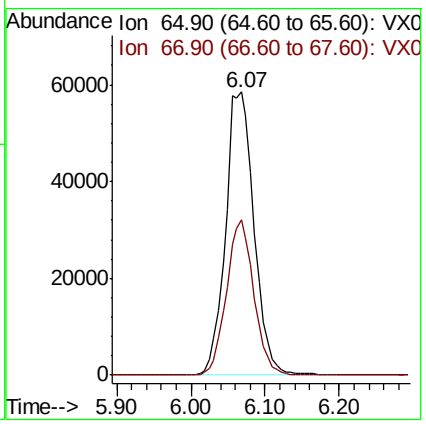


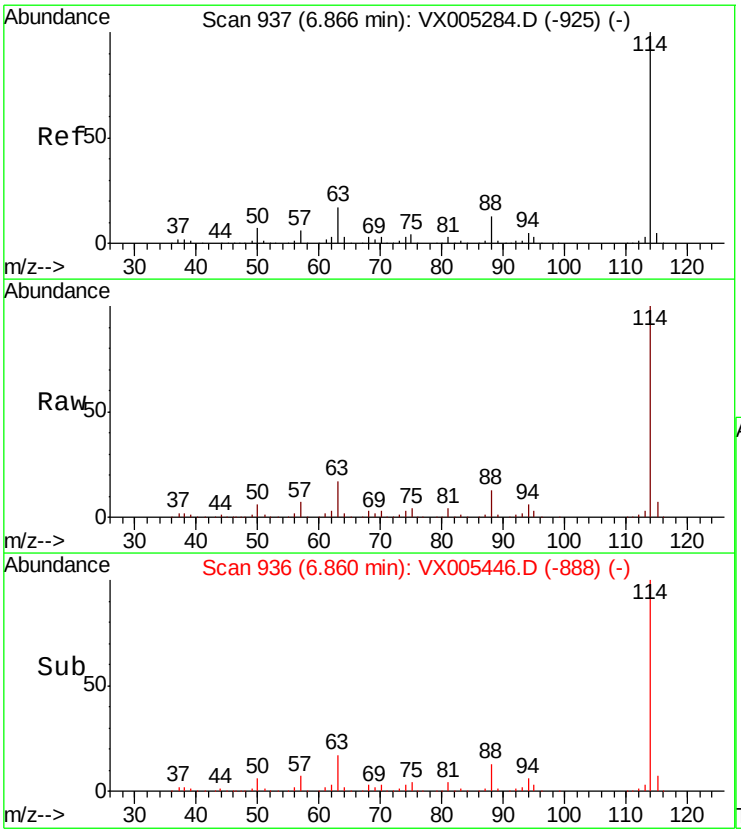
#33
1,2-Dichloroethane-d4
Concen: 49.283 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 65 Resp: 156419

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8

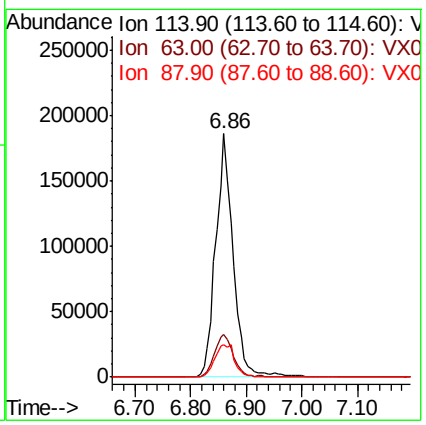


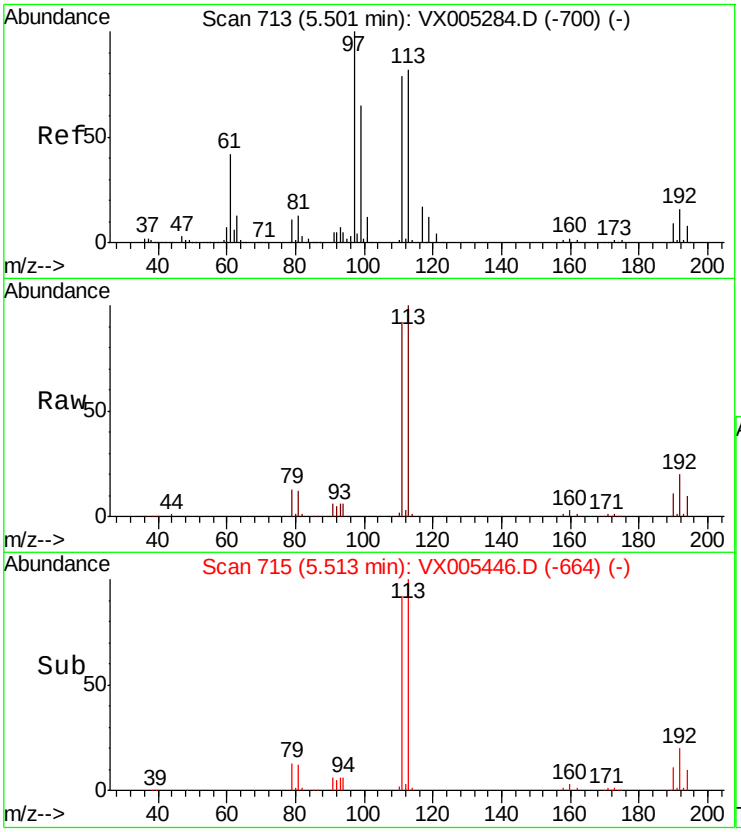


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion:114 Resp: 405376

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.0
88	13.5	0.0	30.4



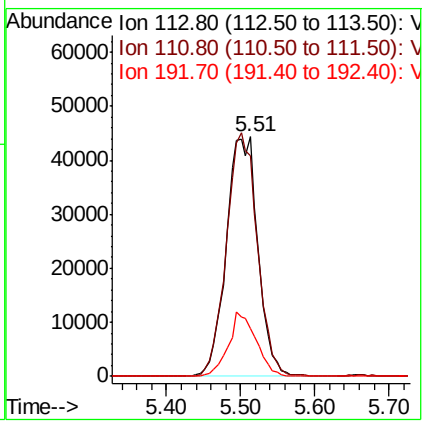


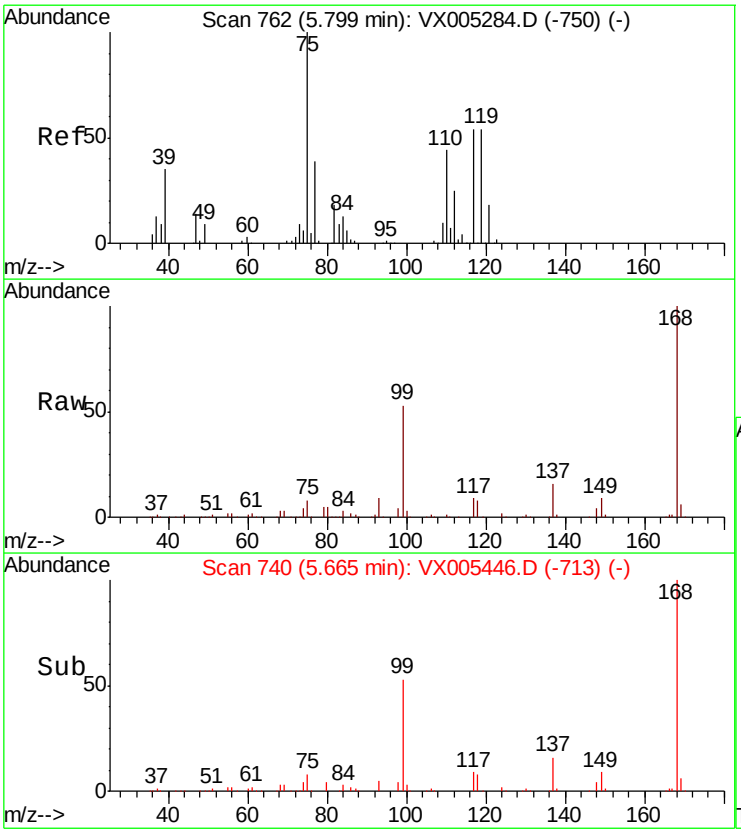
#35
Dibromofluoromethane
Concen: 49.204 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion:113 Resp: 132109

Ion	Ratio	Lower	Upper
113	100		
111	98.9	82.4	123.6
192	23.3	19.4	29.2

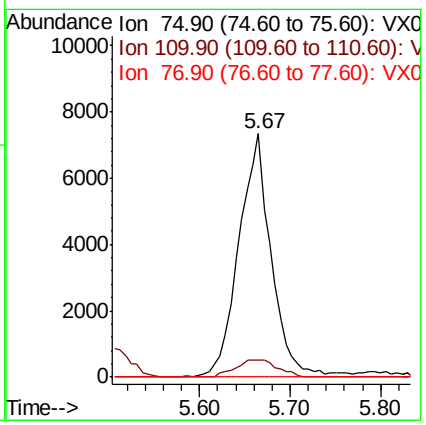


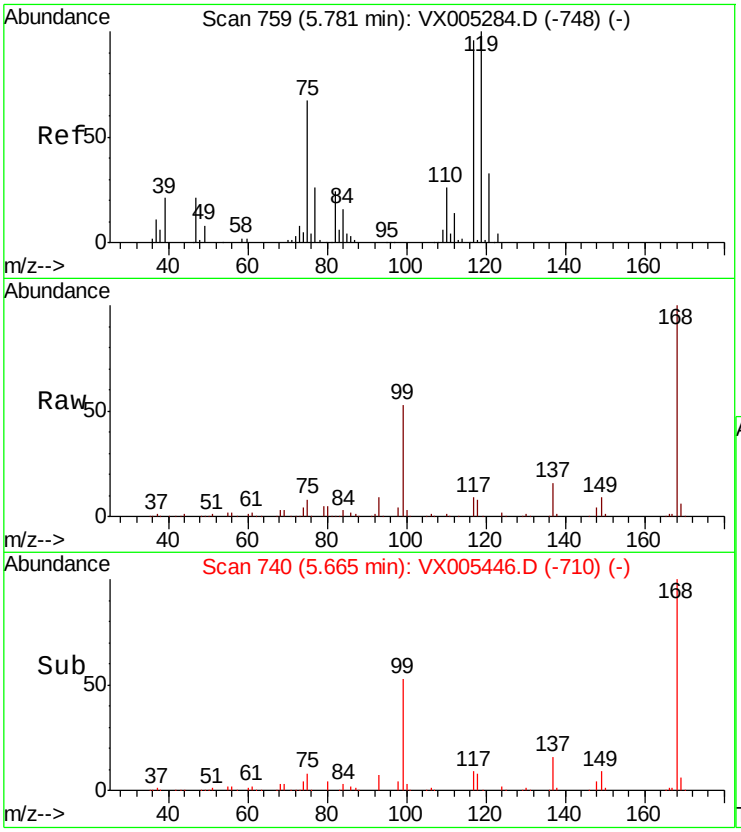


#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 75 Resp: 18130

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.0	54.0#
77	0.0	24.6	36.8#



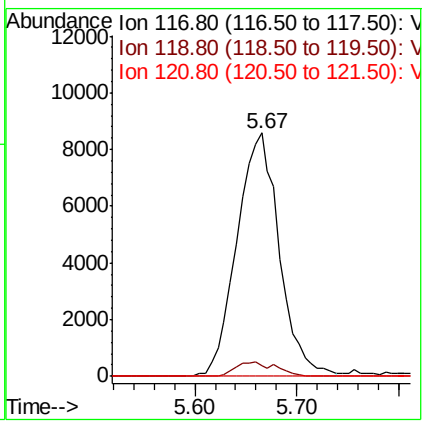


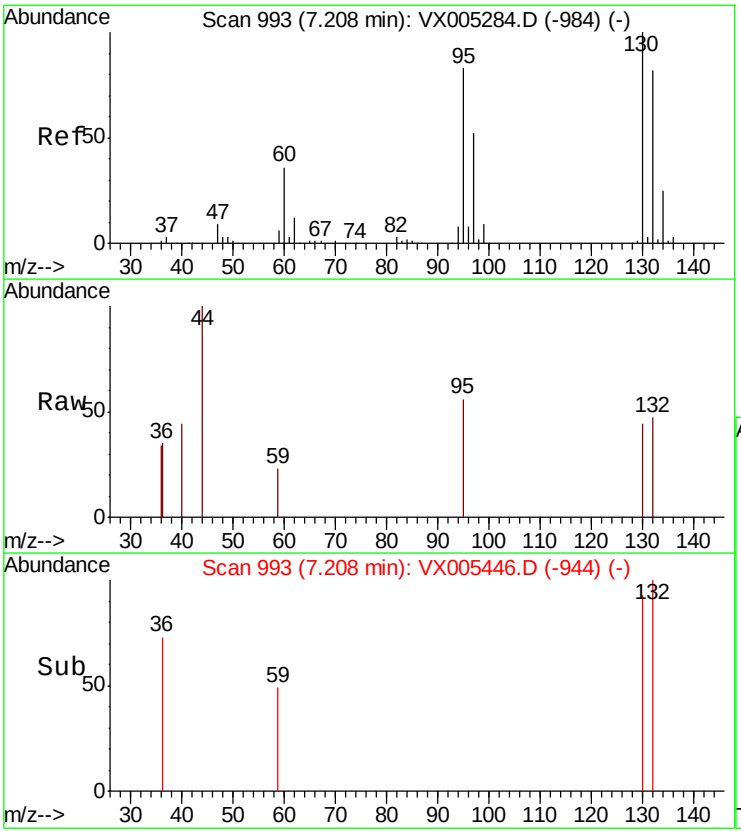
#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion:117 Resp: 24734

Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.8	118.2#
121	0.0	24.9	37.3#

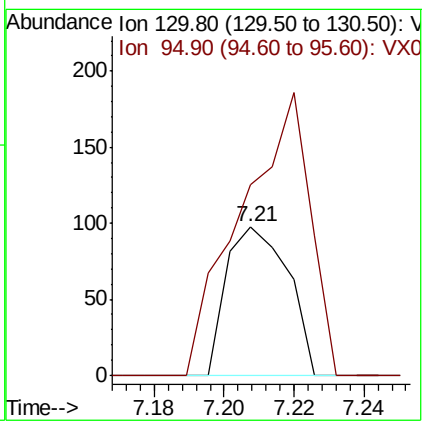


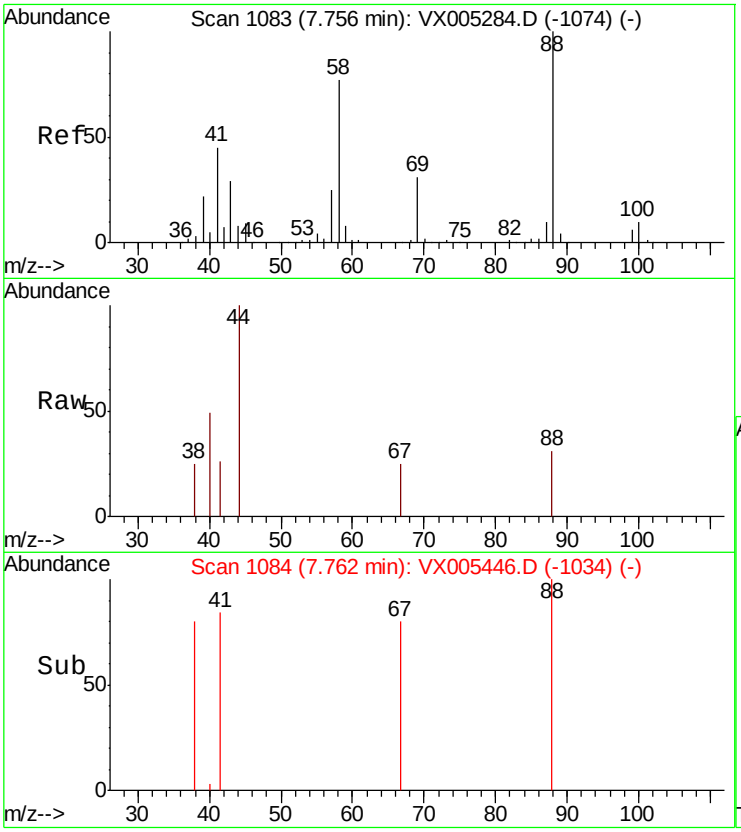


#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion:130 Resp: 120

Ion	Ratio	Lower	Upper
130	100		
95	127.6	0.0	181.6



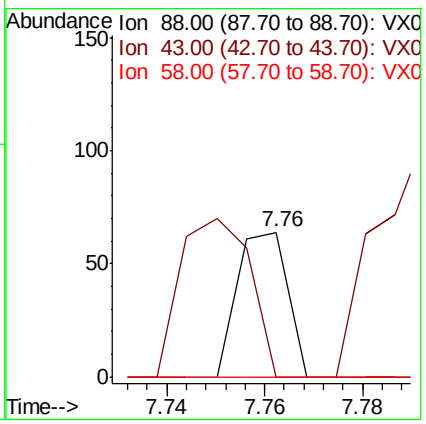


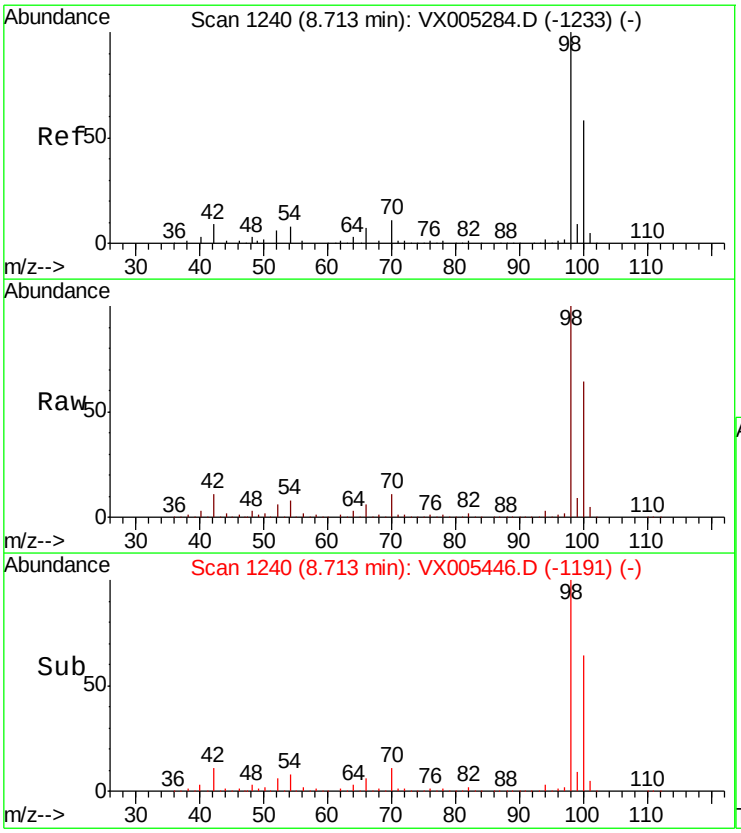
#49
1,4-Dioxane
Concen: 0.572 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
43	150.0	24.7	37.1#
58	0.0	55.3	82.9#

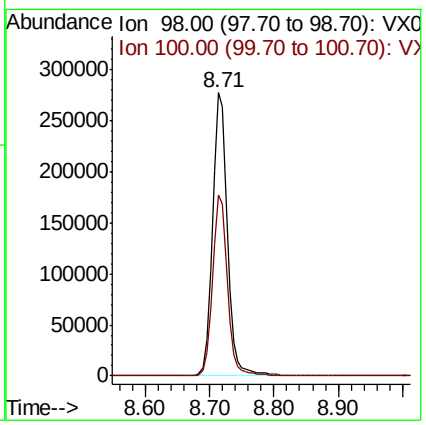


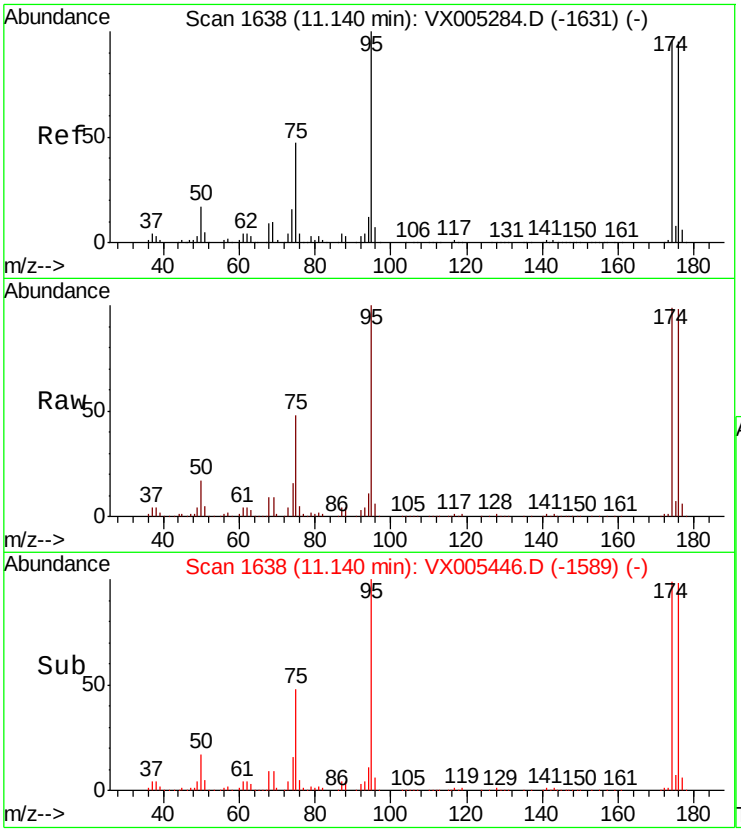


#50
Toluene-d8
Concen: 49.378 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 98 Resp: 455143

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3



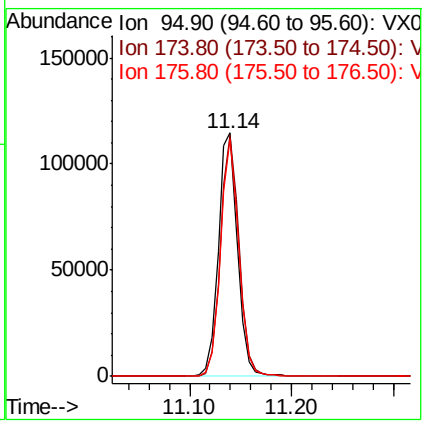


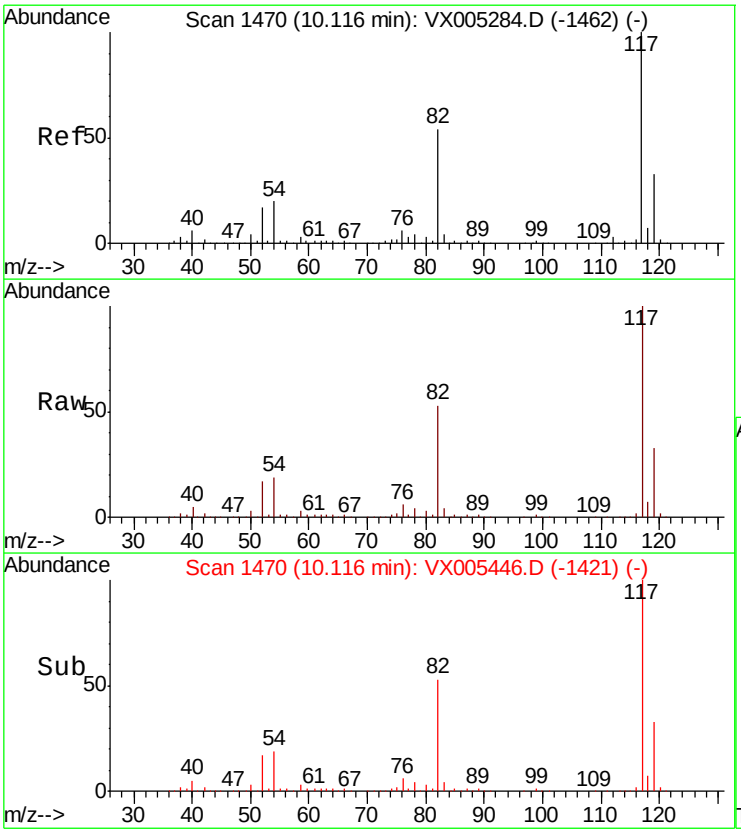
#62
4-Bromofluorobenzene
Concen: 43.633 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion: 95 Resp: 151088

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	185.2
176	92.4	0.0	178.6

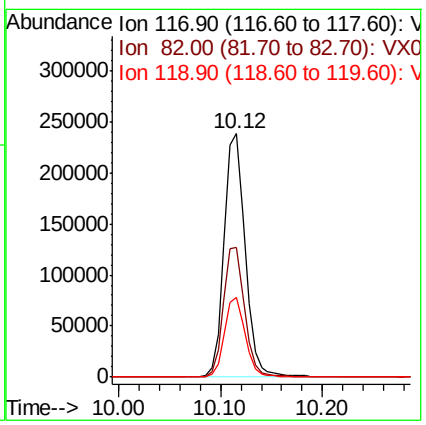


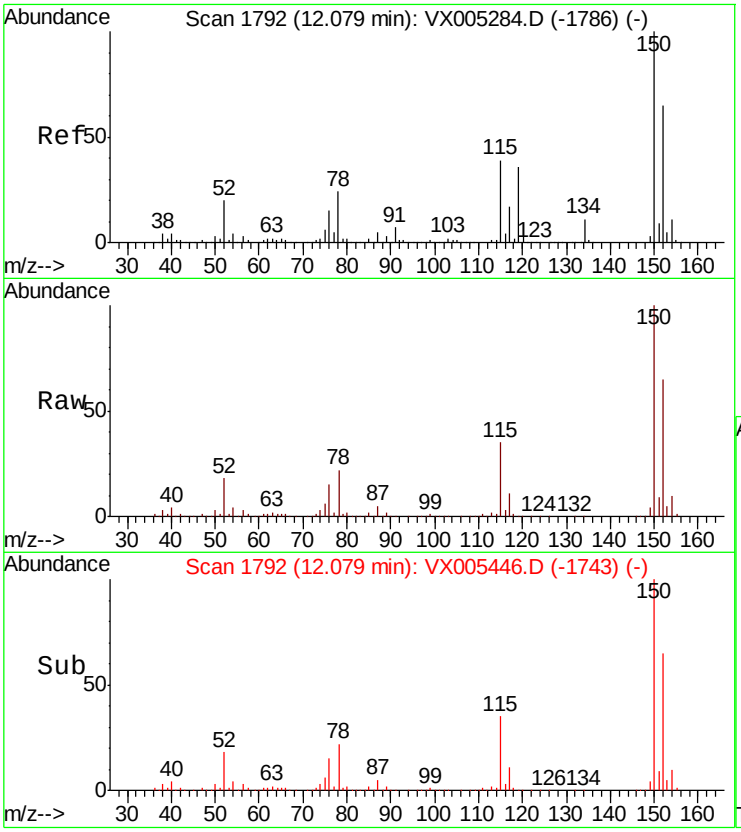


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion:117 Resp: 340719

Ion	Ratio	Lower	Upper
117	100		
82	53.2	47.8	71.6
119	32.8	29.3	43.9



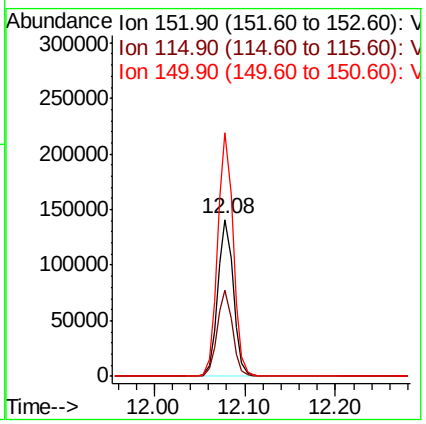


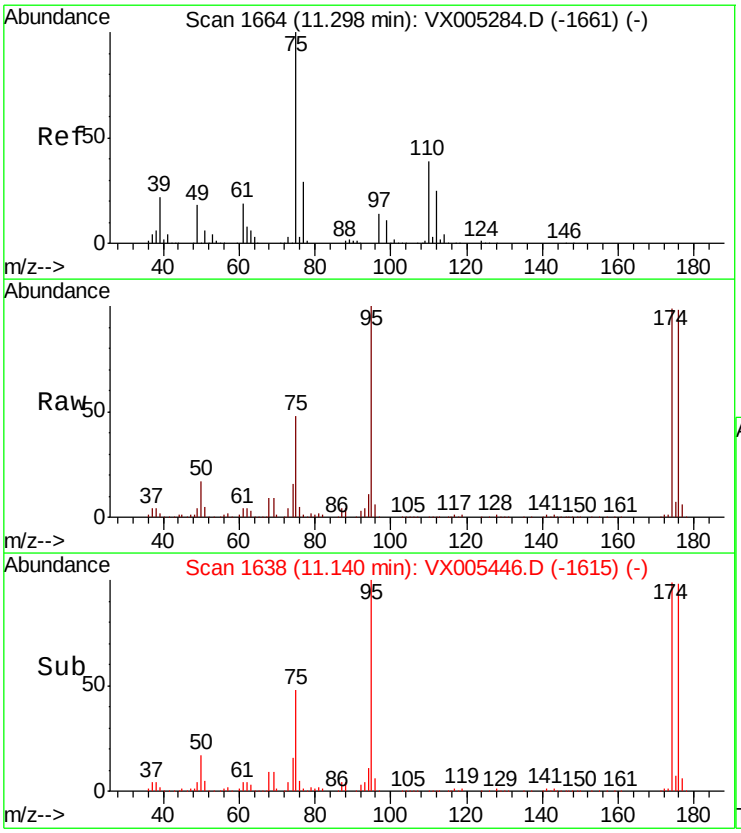
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion:152 Resp: 168911

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.0	117.0
150	155.8	0.0	351.0

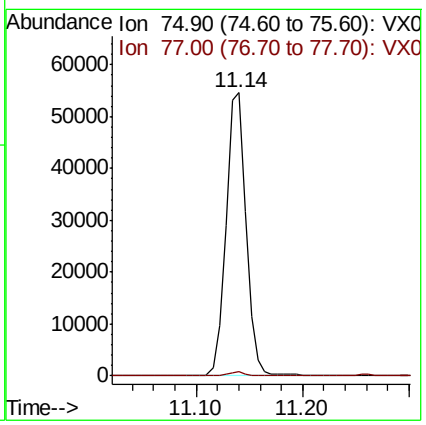


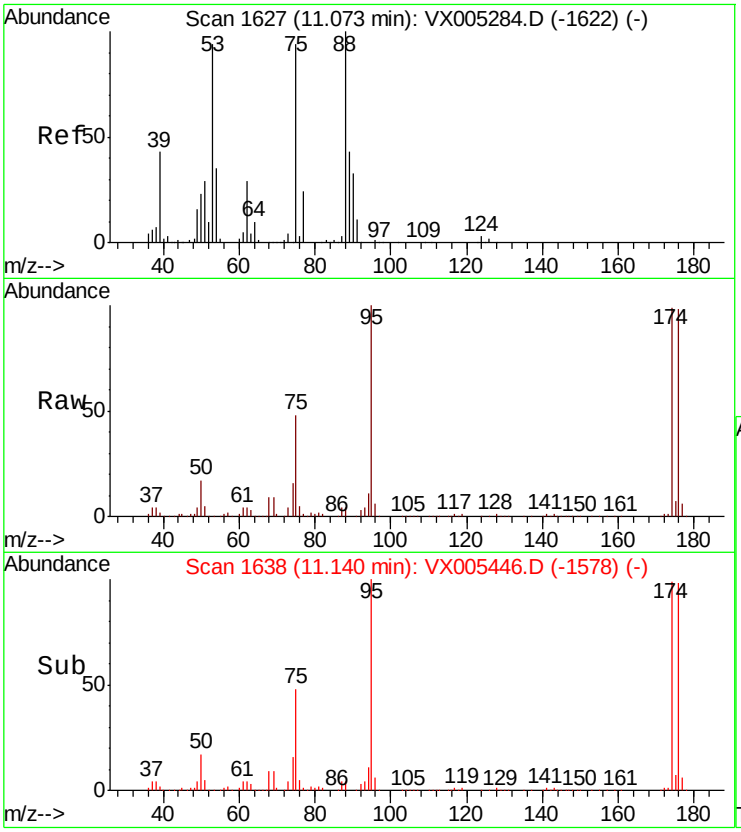


#76
1,2,3-Trichloropropane
Concen: 22.104 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion: 75 Resp: 72422

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



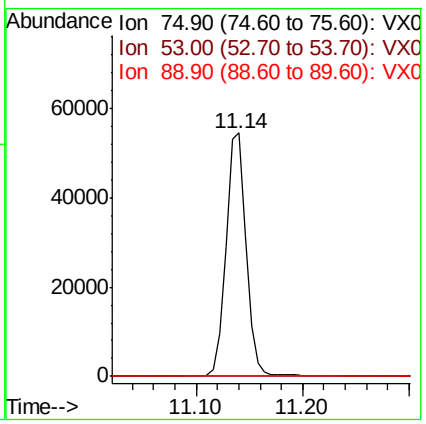


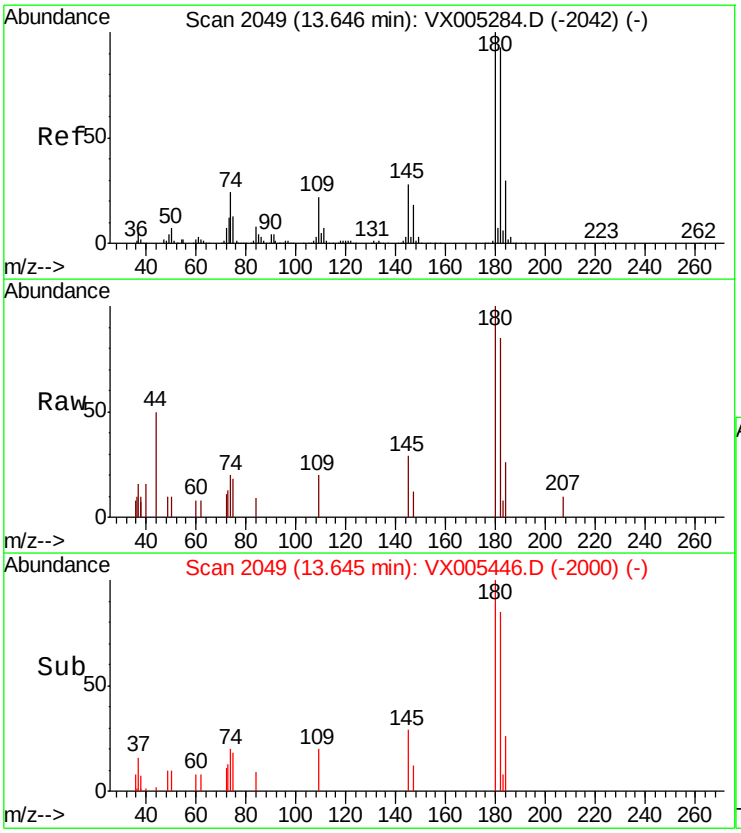
#81
trans-1,4-Dichloro-2-butene
Concen: 67.163 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

Tgt Ion: 75 Resp: 72422

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.0	37.2	55.8#

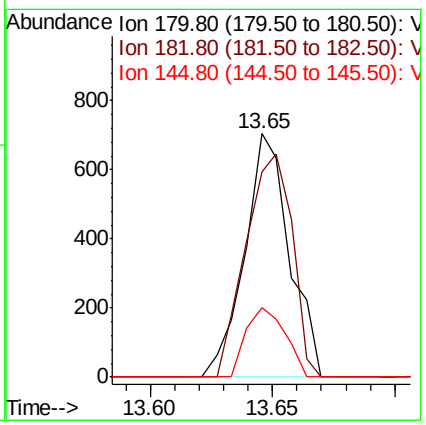


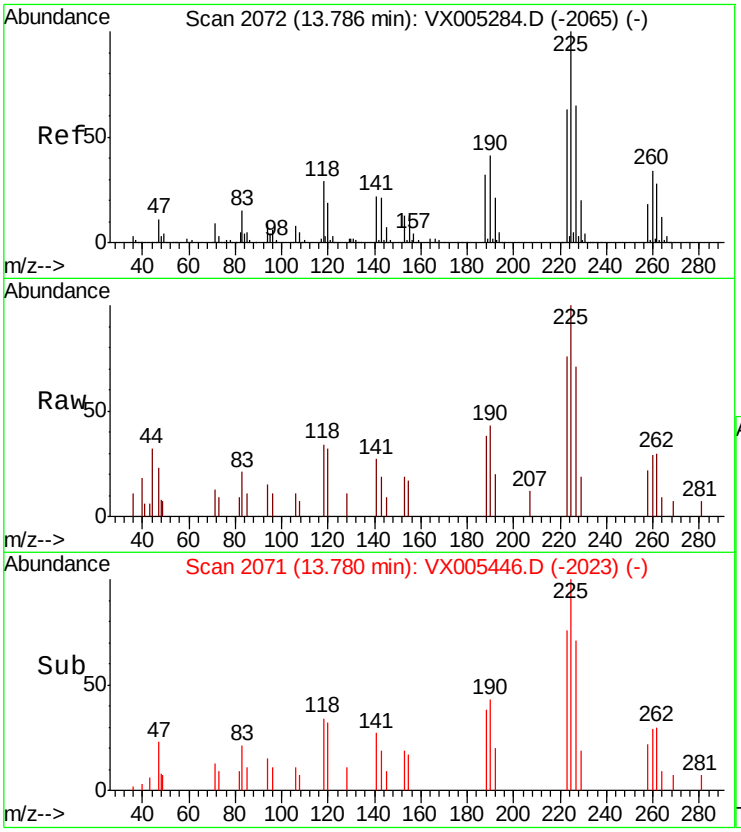


#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion:180 Resp: 900

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	24.7	14.3	42.9



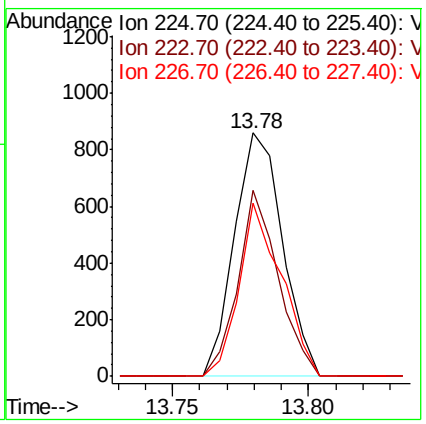


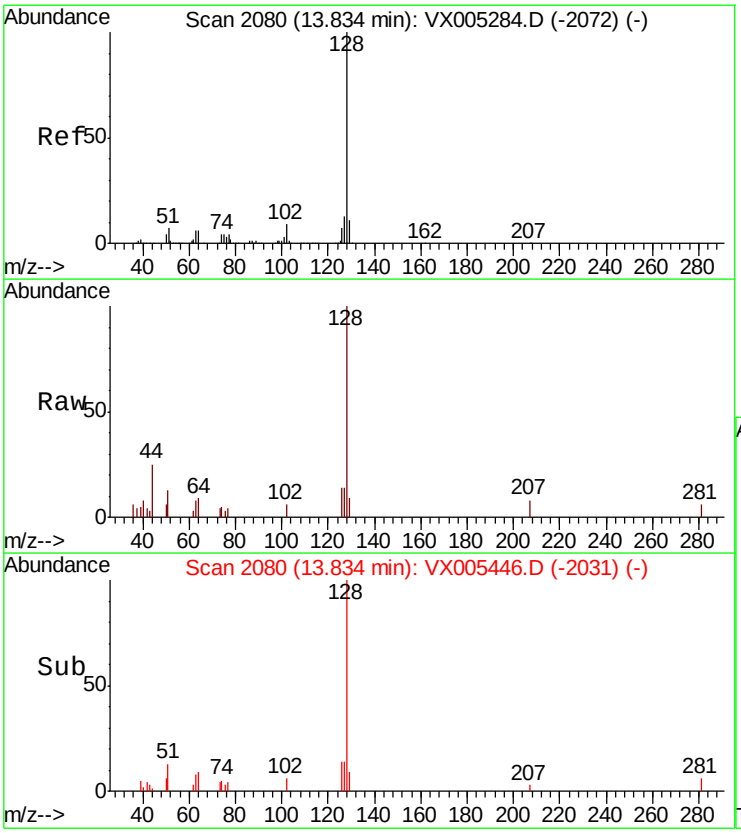
#94
Hexachlorobutadiene
Concen: 0.496 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Instrument : MSVOA_X
ClientSampleId : VX1019WBL01

Tgt Ion:225 Resp: 1052

Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.1	90.5
227	62.8	30.8	92.4





#95
Naphthalene
Concen: 0.205 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005446.D
Acq: 19 Oct 2018 09:53

Tgt Ion:128 Resp: 2385

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.3	8.6	12.8