Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
Data File : VX005364.D
Acq On : 16 Oct 2018 12:20
Operator : JC/MD
Sample : J5519-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BS-DRUM

Quant Time: Oct 17 04:56:19 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	5.67	168	302534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166723	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
35) Dibromofluoromethane	5.50	113	134767	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
50) Toluene-d8	8.71	98	515727	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
62) 4-Bromofluorobenzene	11.14	95	175240	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	734	0.954	ug/l #	66
6) Chloroethane	1.71	64	69	0.365	ug/l #	12
10) Methyl Iodide	2.51	142	264	2.574	ug/l #	80
11) Tert butyl alcohol	3.07	59	2676	2.825	ug/l #	76
13) Acrolein	2.29	56	56	Below Cal	#	79
14) Allyl chloride	2.62	41	4369	0.751	ug/l #	66
16) Acetone	2.45	43	7170	3.693	ug/l	100
20) Methylene Chloride	2.87	84	416	Below Cal	#	61
31) Cyclohexane	5.66	56	5373	1.164	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19615	4.704	ug/l #	50
38) Carbon Tetrachloride	5.66	117	26382	6.297	ug/l #	15
44) Trichloroethene	7.21	130	134	Below Cal		52
76) 1,2,3-Trichloropropane	11.14	75	86362	22.312	ug/l #	37
79) 2-Chlorotoluene	11.43	91	3135	0.375	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	25136	2.474	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	86362	67.793	ug/l #	10
82) 4-Chlorotoluene	11.51	91	3034	0.306	ug/l #	44
83) tert-Butylbenzene	11.81	119	3975	0.386	ug/l #	50
84) 1,2,4-Trimethylbenzene	11.81	105	31349	2.999	ug/l	97
86) p-Isopropyltoluene	12.02	119	8573	0.779	ug/l	98
89) n-Butylbenzene	12.37	91	18706	1.872	ug/l #	1
90) Hexachloroethane	12.58	117	5086	2.682	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1091	0.999	ug/l #	1
95) Naphthalene	13.84	128	4109	0.299	ug/l #	74

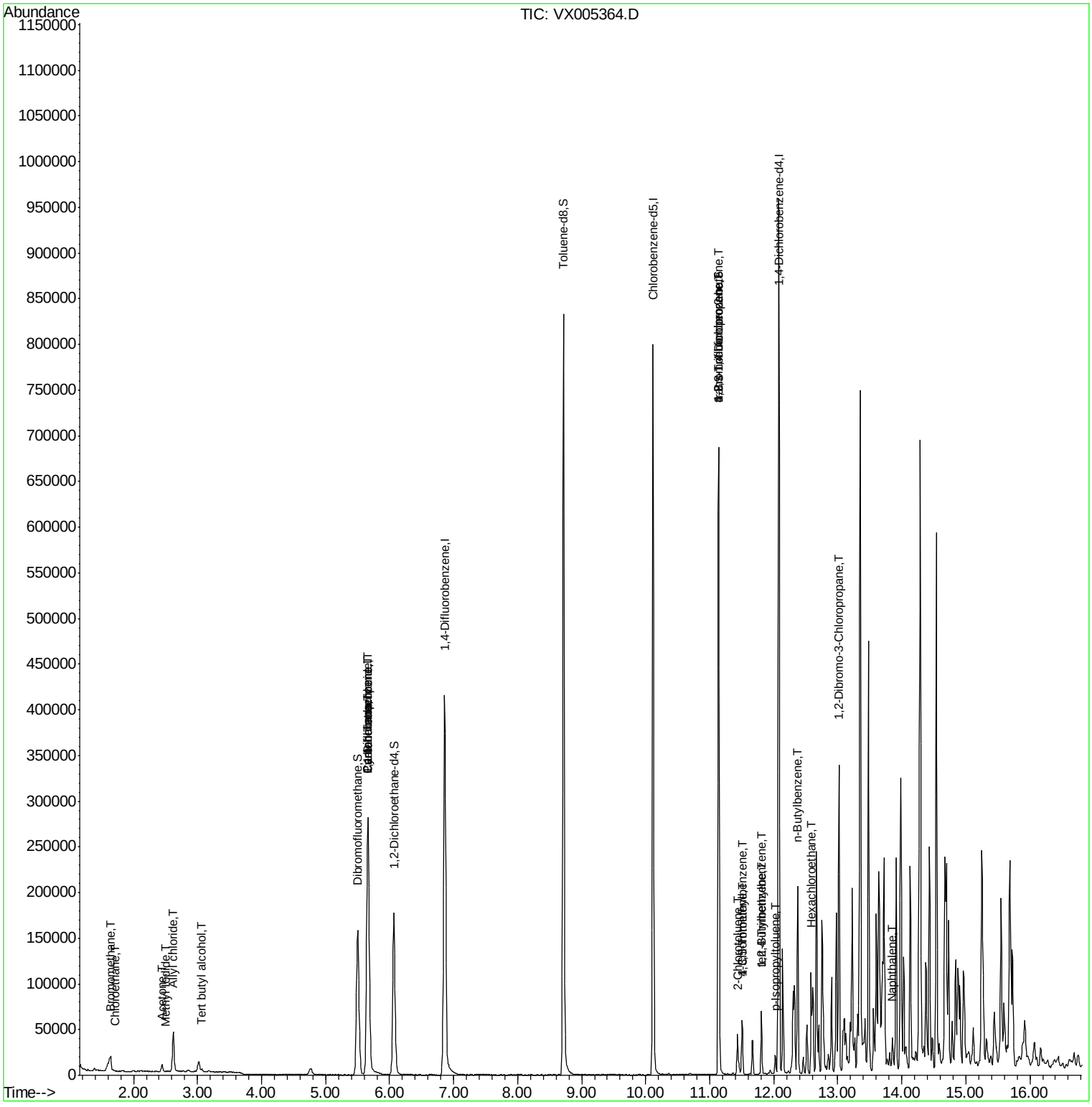
(#) = qualifier out of range (m) = manual integration (+) = signals summed

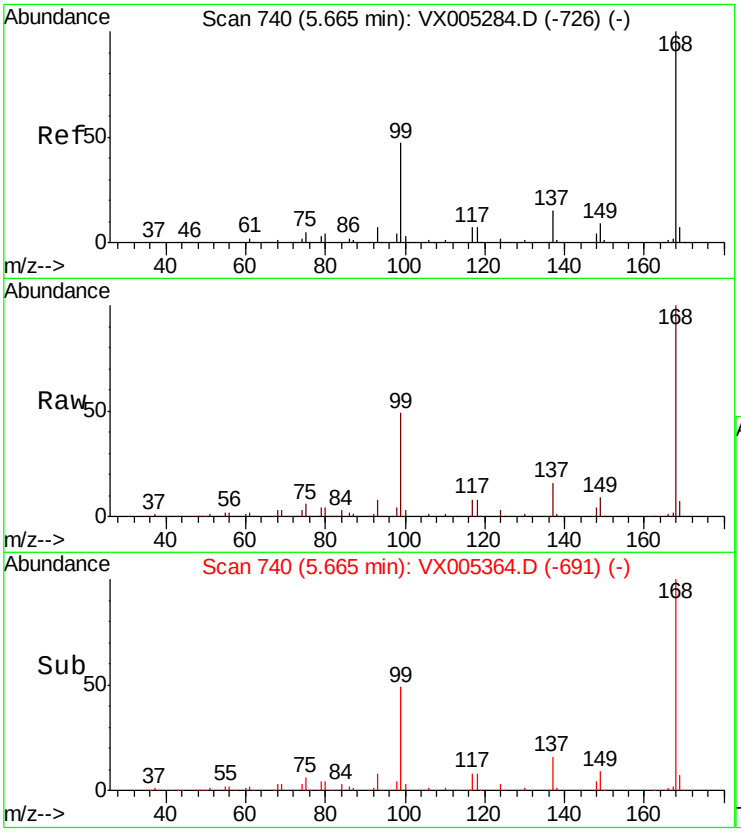
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101618\
Data File : VX005364.D
Acq On : 16 Oct 2018 12:20
Operator : JC/MD
Sample : J5519-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Quant Time: Oct 17 04:56:19 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



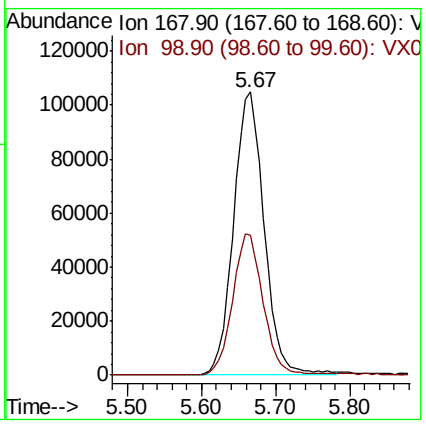


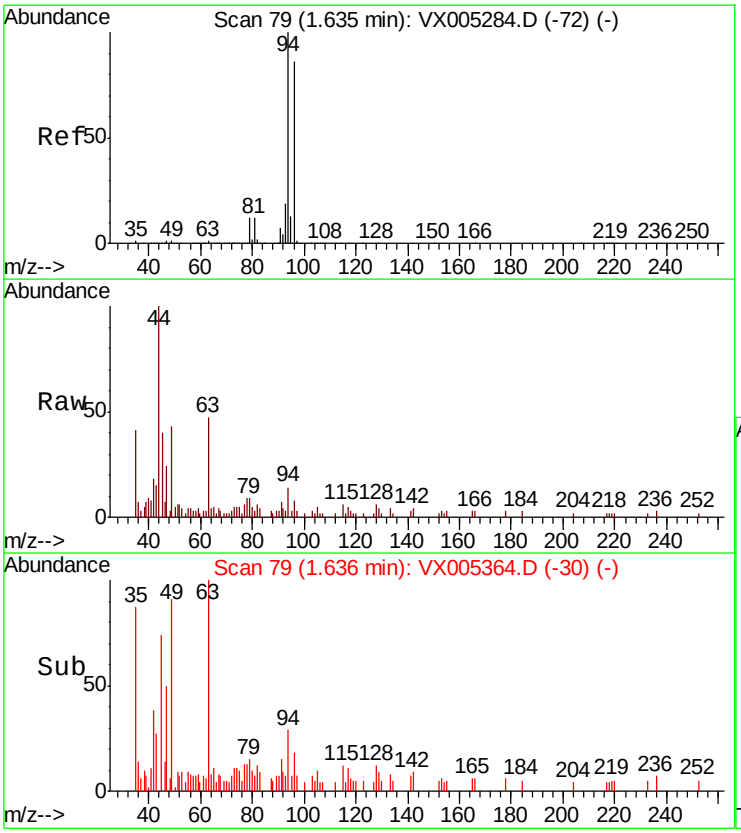
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:168 Resp: 302534

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.9	59.9

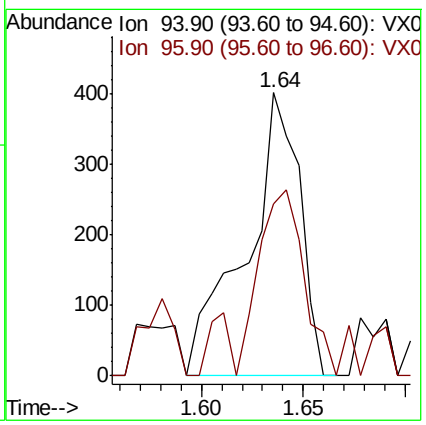


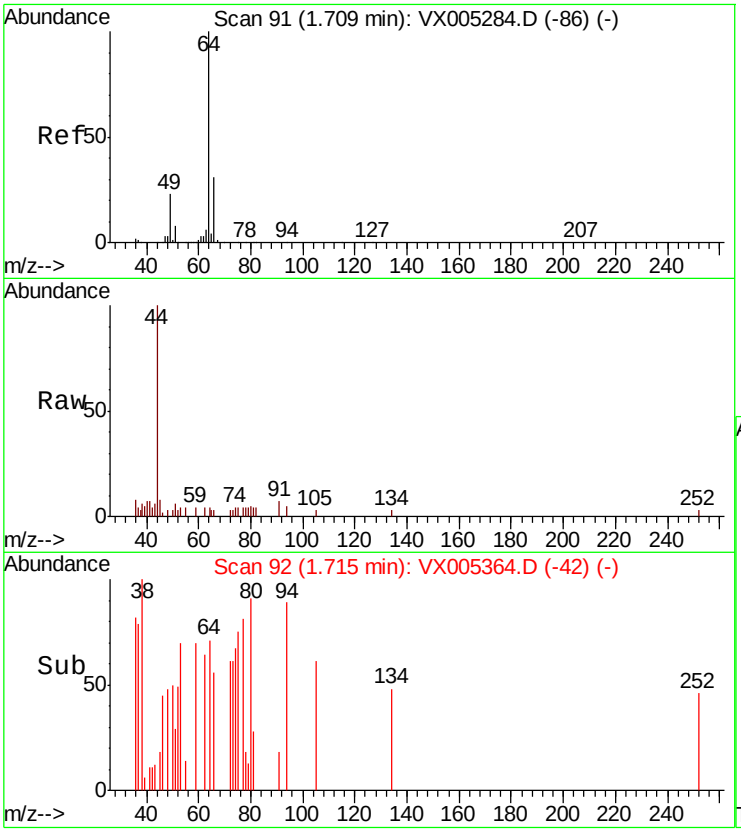


#5
Bromomethane
Concen: 0.954 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 94 Resp: 734

Ion	Ratio	Lower	Upper
94	100		
96	60.6	74.5	111.7#



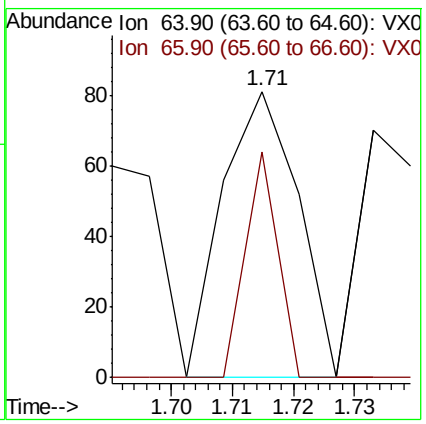


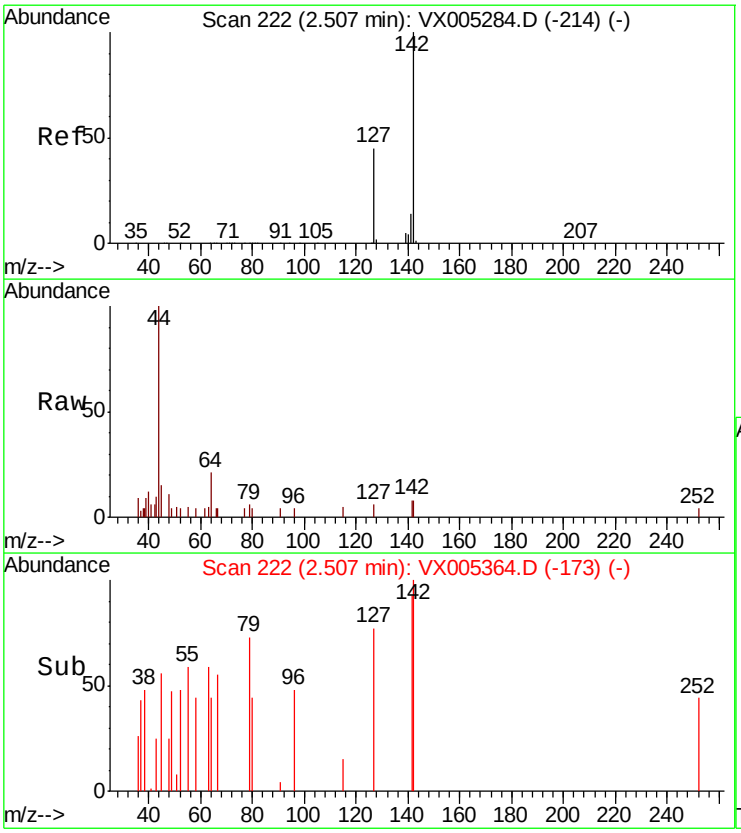
#6
Chloroethane
Concen: 0.365 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 64 Resp: 69

Ion	Ratio	Lower	Upper
64	100		
66	79.0	24.6	36.8#

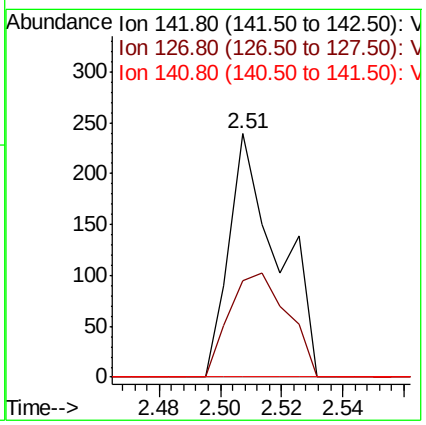


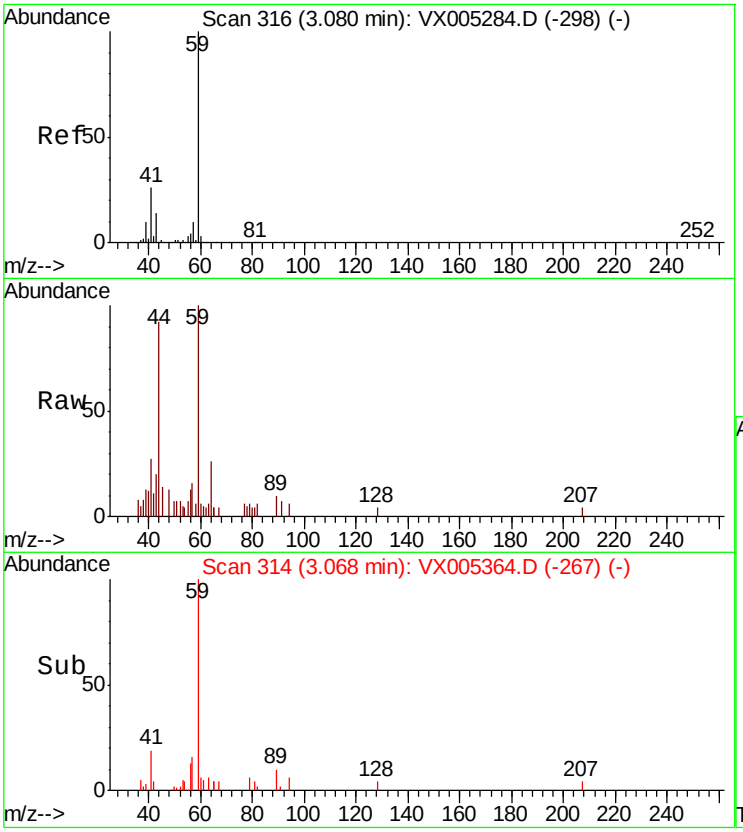


#10
Methyl Iodide
Concen: 2.574 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:142 Resp: 264

Ion	Ratio	Lower	Upper
142	100		
127	51.5	33.8	50.6#
141	0.0	11.4	17.0#



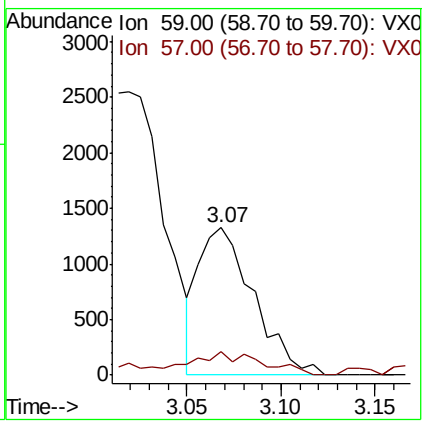


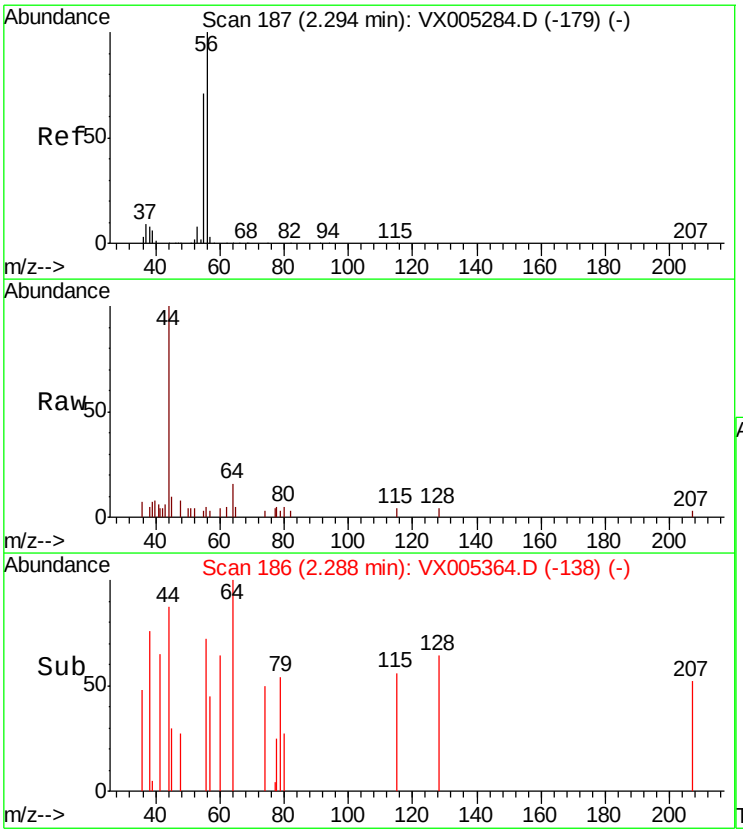
#11
Tert butyl alcohol
Concen: 2.825 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 59 Resp: 2676

Ion	Ratio	Lower	Upper
59	100		
57	19.4	8.2	12.4#

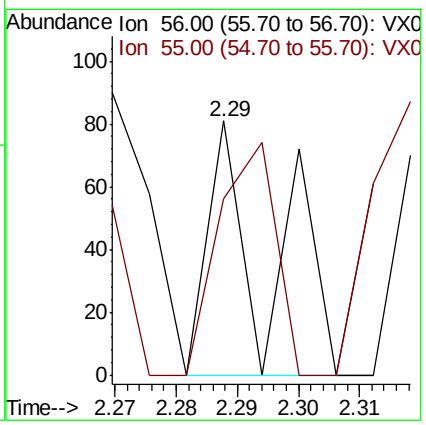


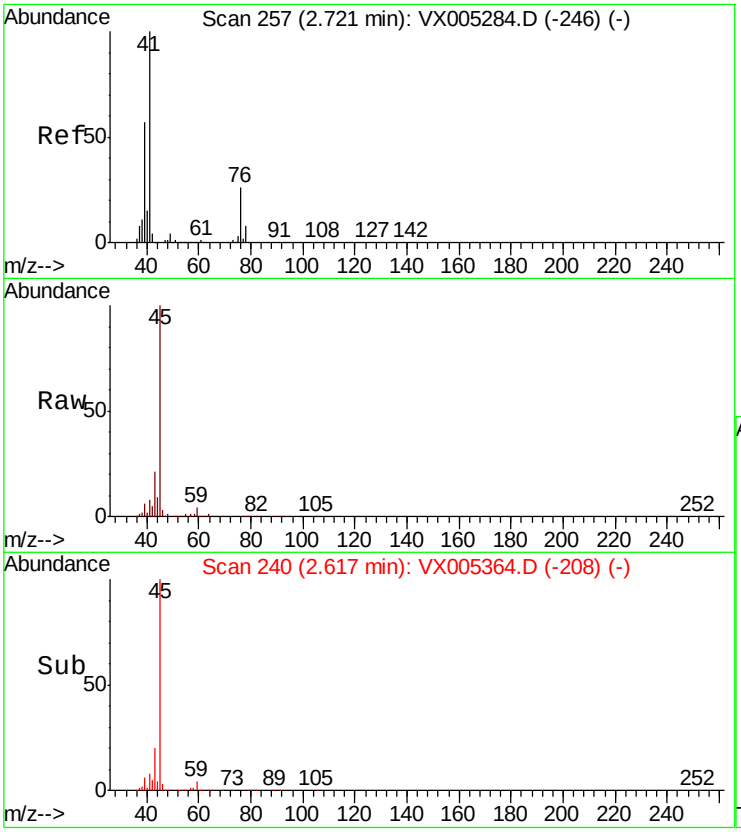


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 56 Resp: 56

Ion	Ratio	Lower	Upper
56	100		
55	85.7	54.7	82.1#



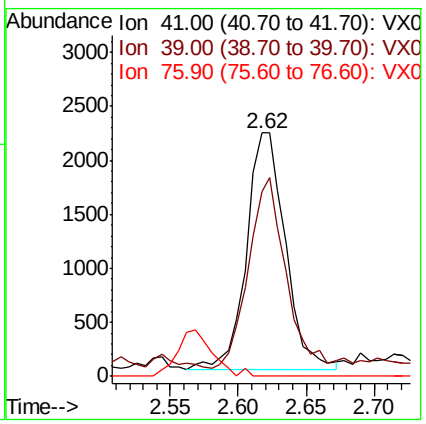


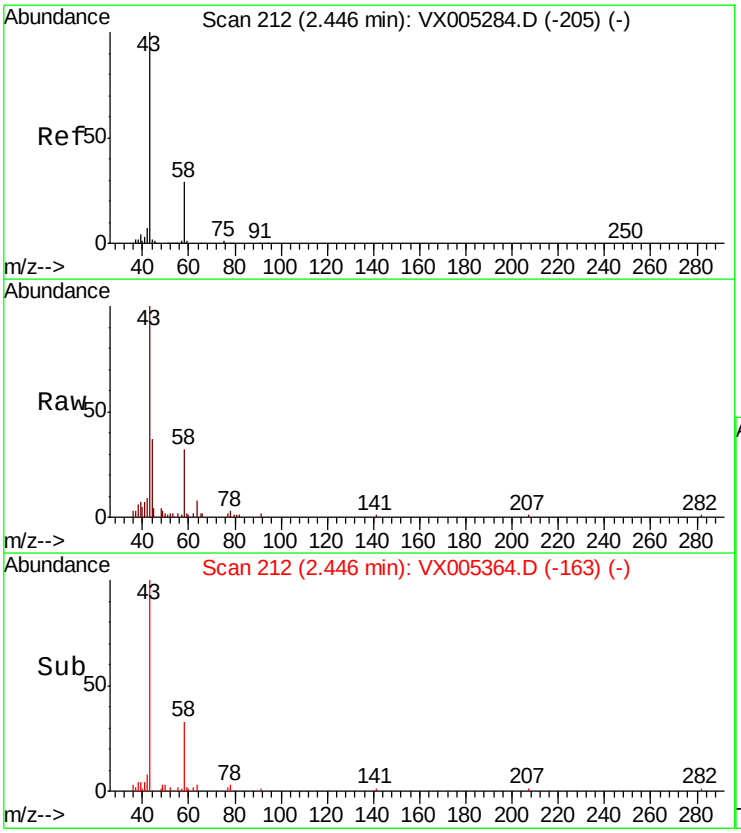
#14
Allyl chloride
Concen: 0.751 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 41 Resp: 4369

Ion	Ratio	Lower	Upper
41	100		
39	77.3	48.9	73.3#
76	0.0	26.7	40.1#

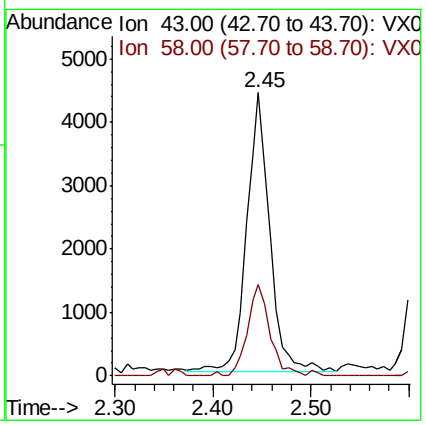


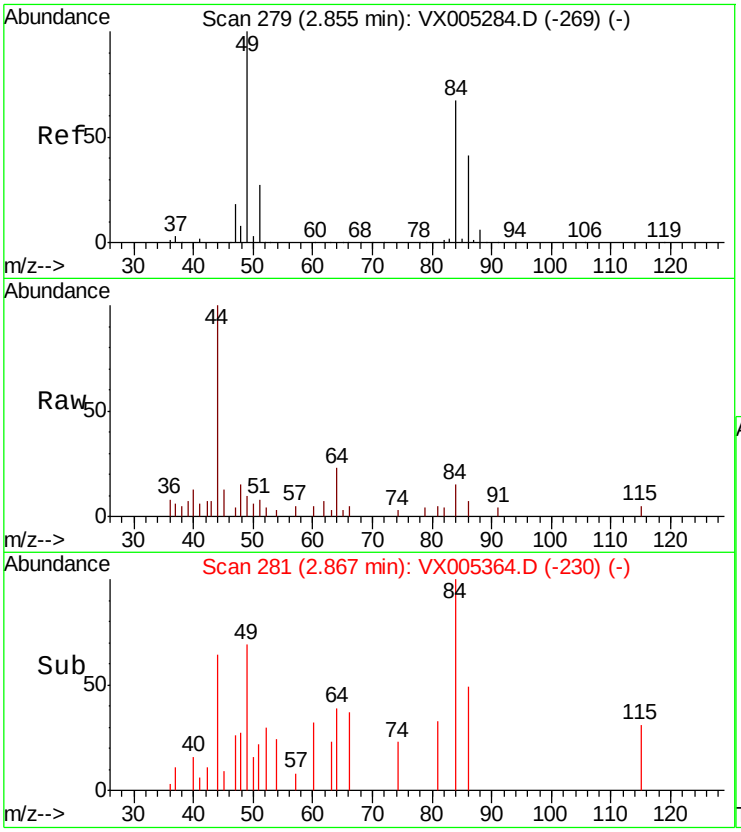


#16
Acetone
Concen: 3.693 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 43 Resp: 7170

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.2	39.4



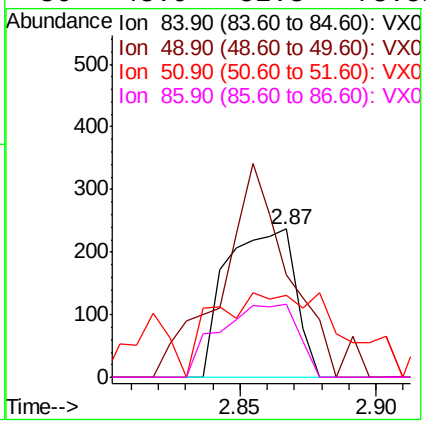


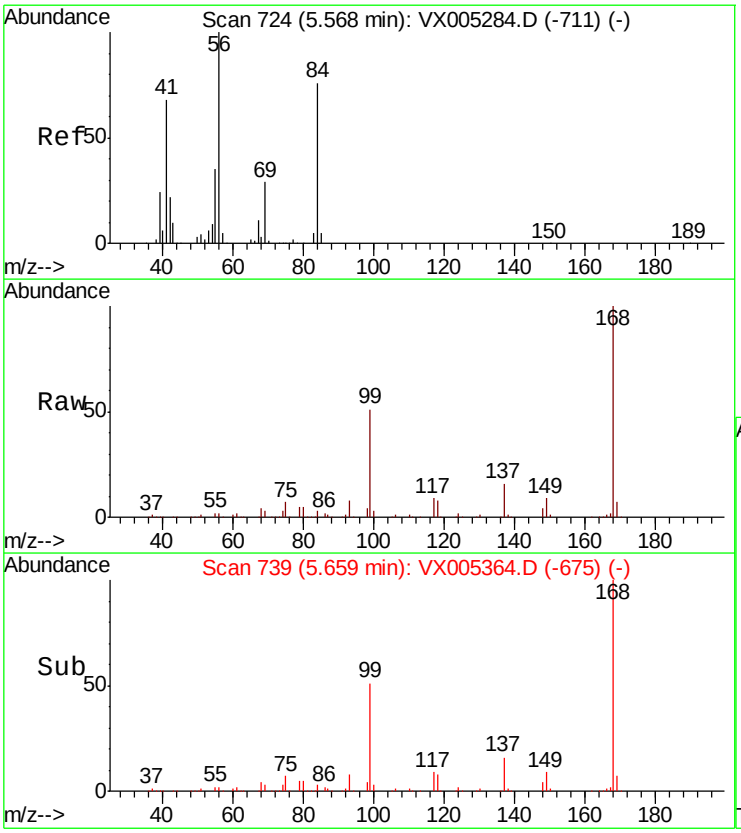
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 84 Resp: 416

Ion	Ratio	Lower	Upper
84	100		
49	68.8	101.2	151.8#
51	55.7	29.5	44.3#
86	48.9	52.3	78.5#

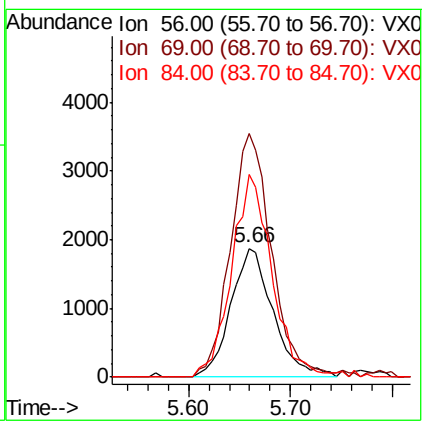


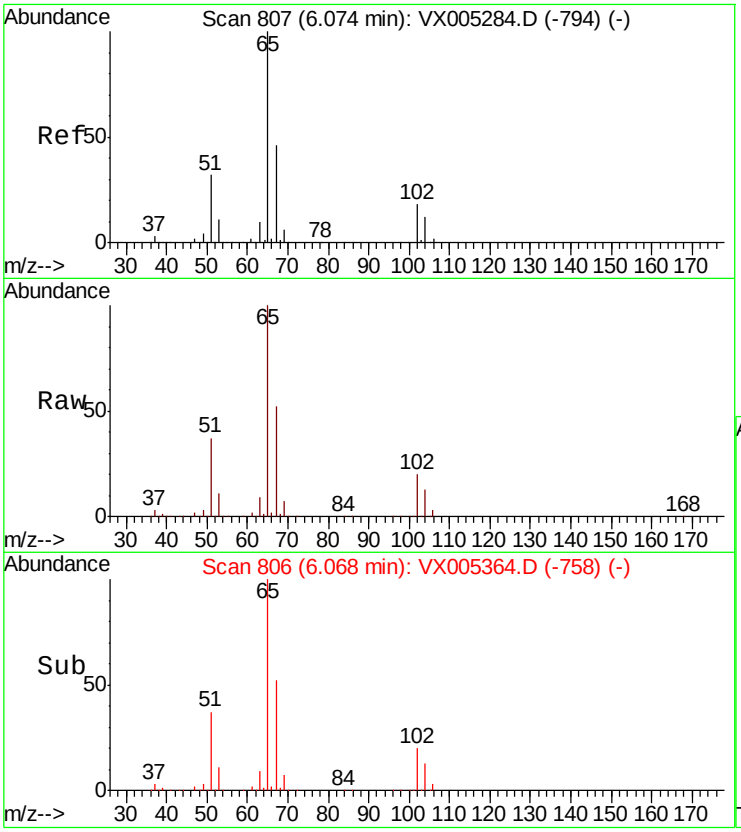


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 56 Resp: 5373

Ion	Ratio	Lower	Upper
56	100		
69	189.3	25.4	38.2#
84	157.4	71.4	107.2#



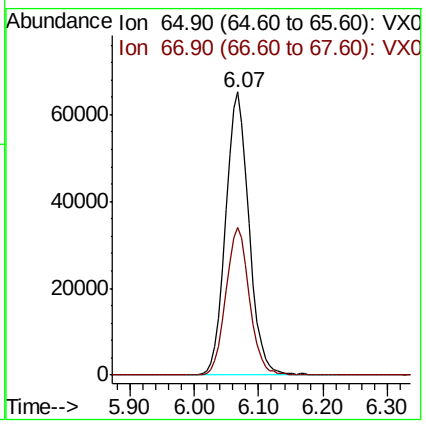


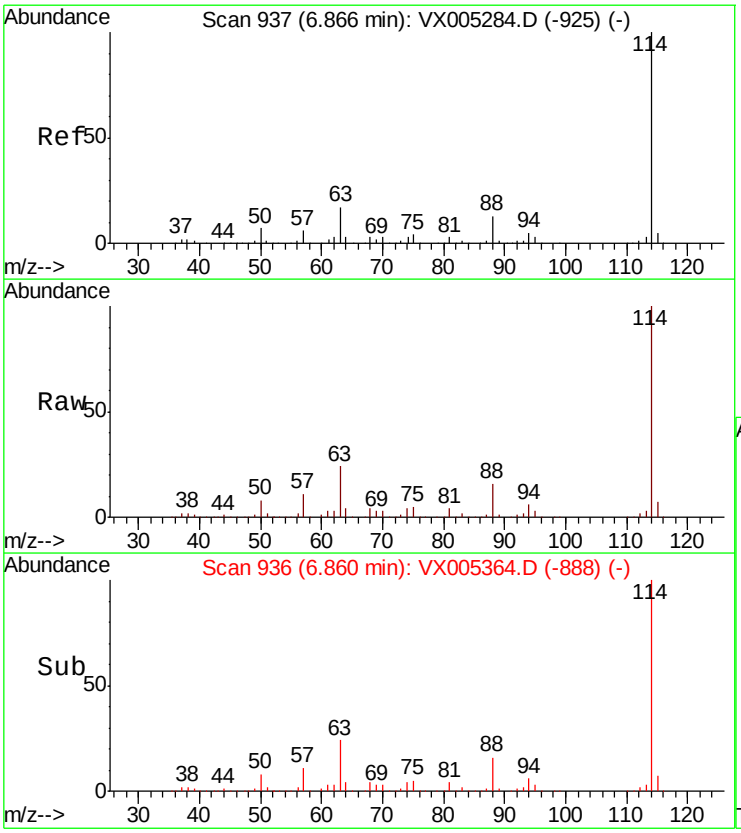
#33
1,2-Dichloroethane-d4
Concen: 49.654 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 65 Resp: 166723

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

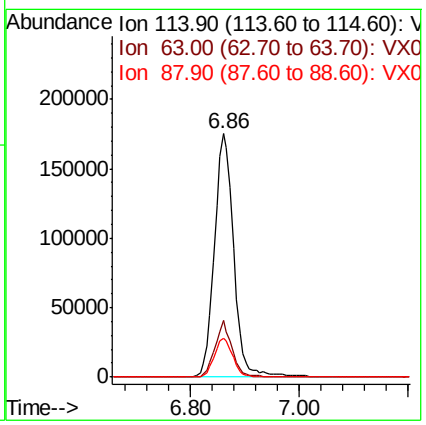


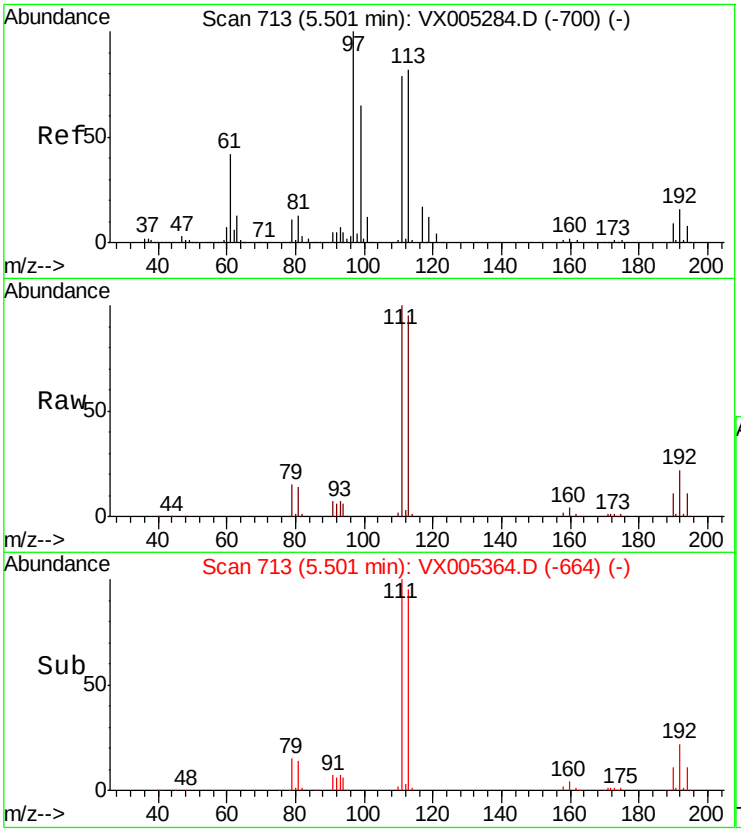


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:114 Resp: 430535

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	39.0
88	16.1	0.0	30.4



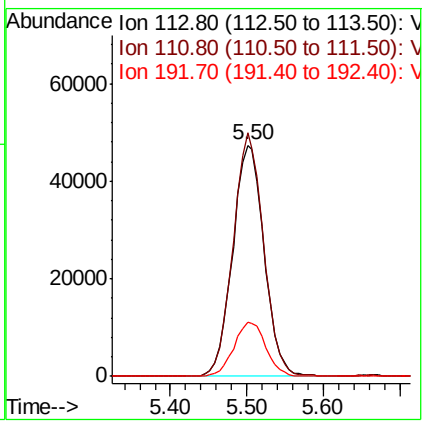


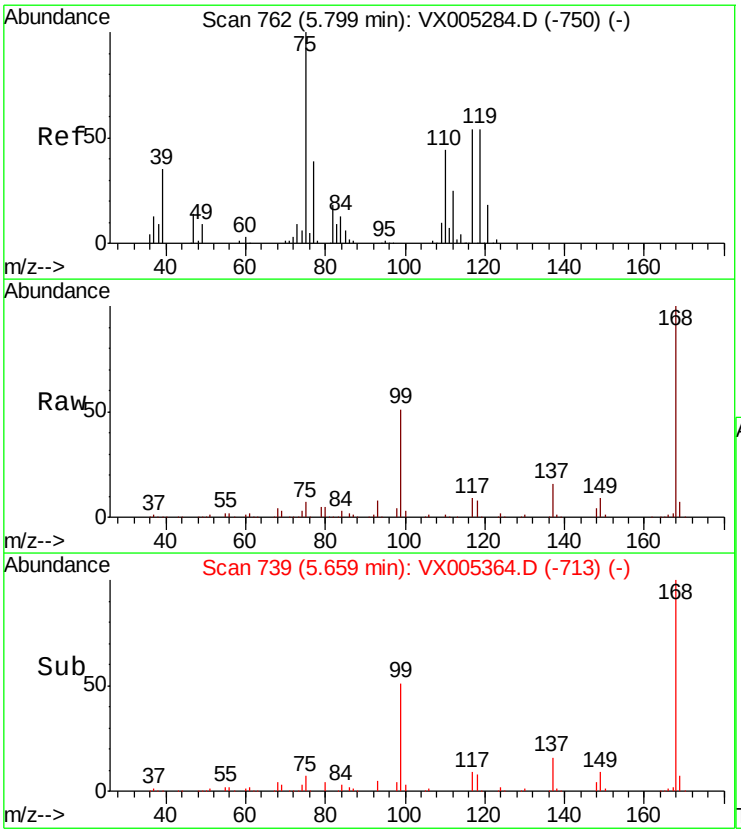
#35
Dibromofluoromethane
Concen: 47.261 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:113 Resp: 134767

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	23.8	19.4	29.2

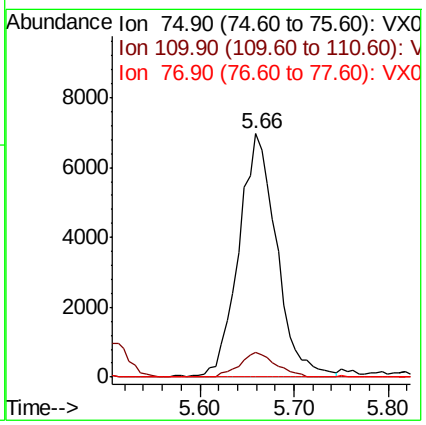


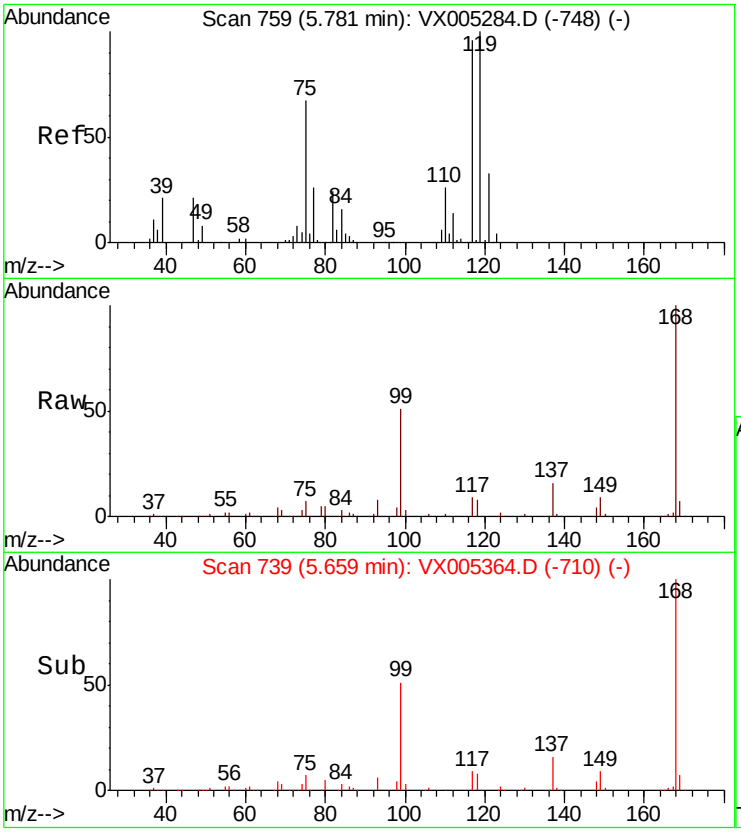


#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 75 Resp: 19615

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.0	54.0#
77	0.0	24.6	36.8#



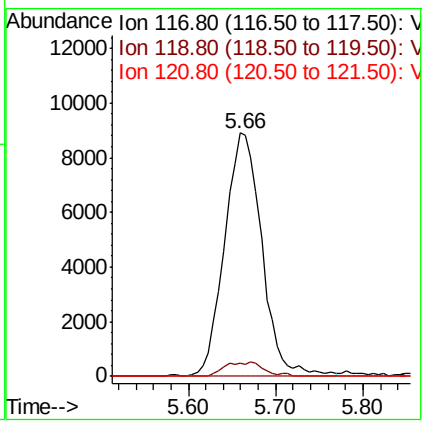


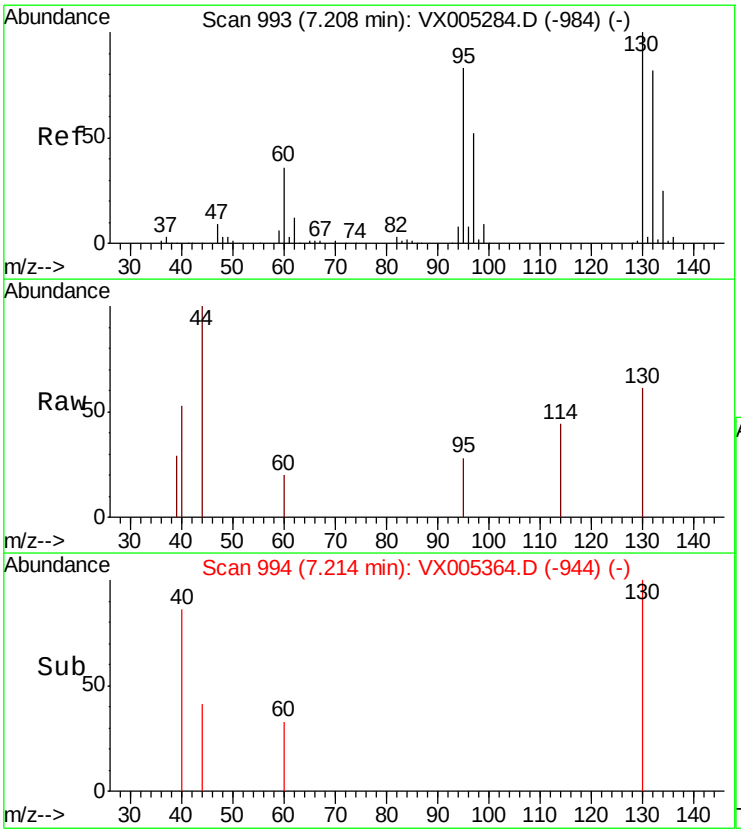
#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:117 Resp: 26382

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.8	118.2#
121	0.0	24.9	37.3#

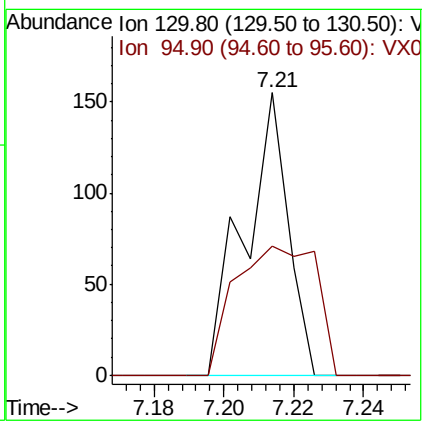


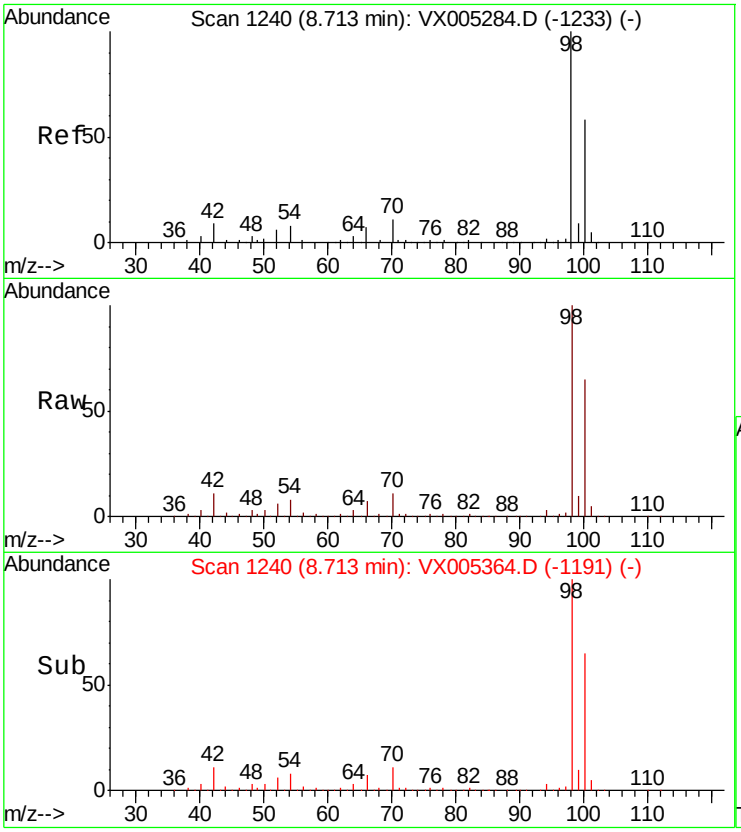


#44
Trichloroethene
Concen: Below Cal
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:130 Resp: 134

Ion	Ratio	Lower	Upper
130	100		
95	45.8	0.0	181.6



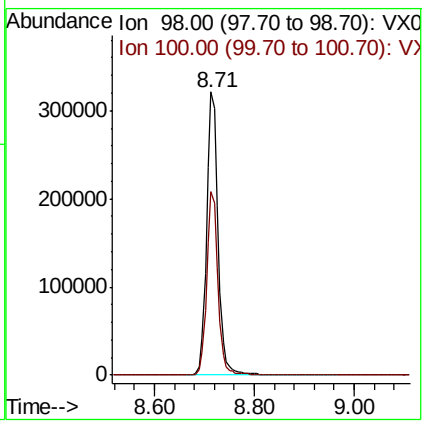


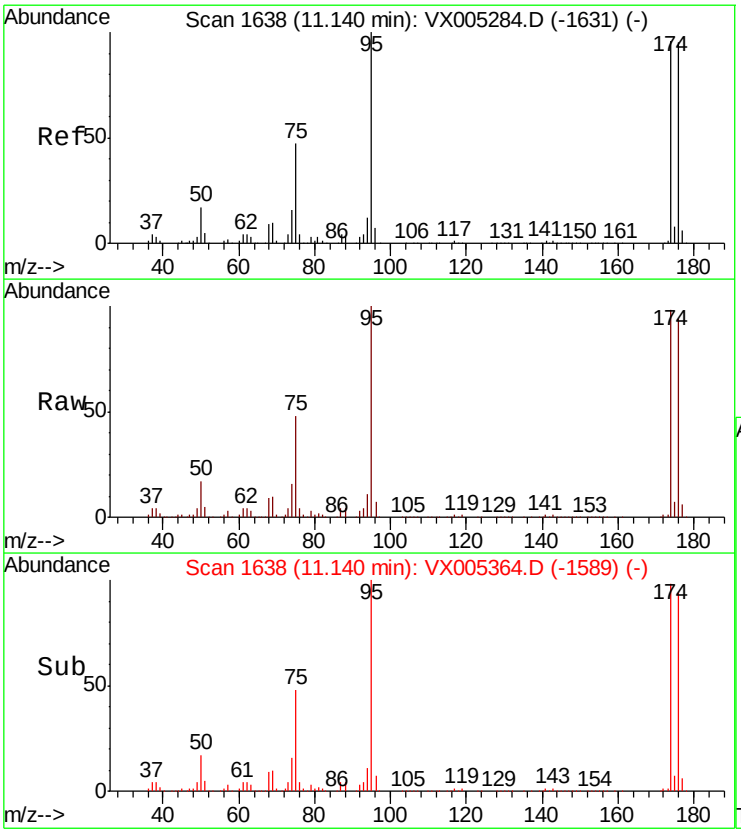
#50
Toluene-d8
Concen: 52.681 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 98 Resp: 515727

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.9	79.3

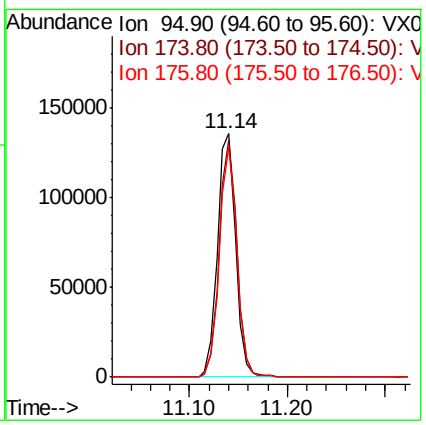


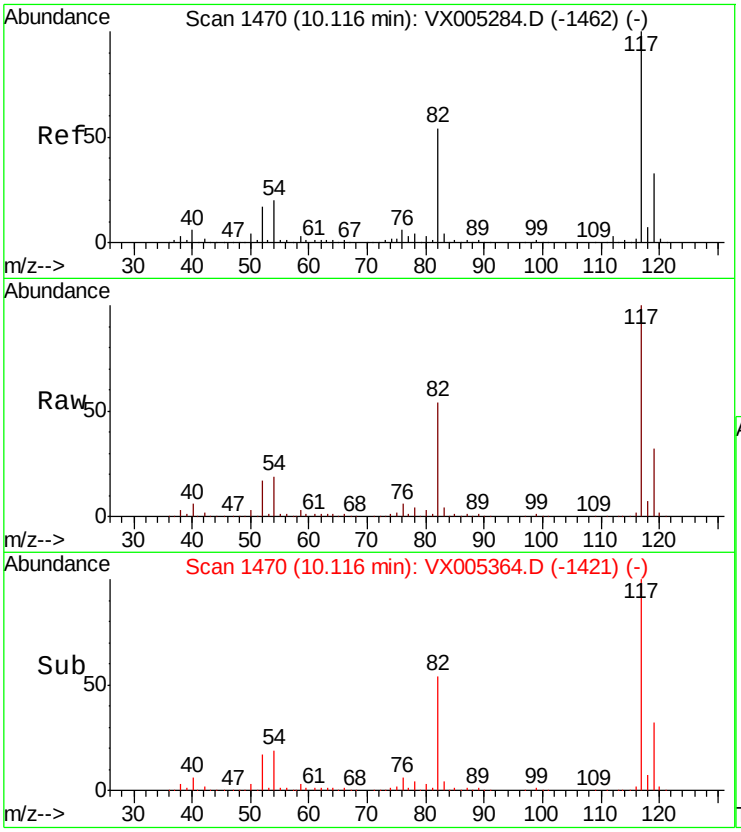


#62
4-Bromofluorobenzene
Concen: 47.651 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 95 Resp: 175240

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	185.2
176	91.3	0.0	178.6



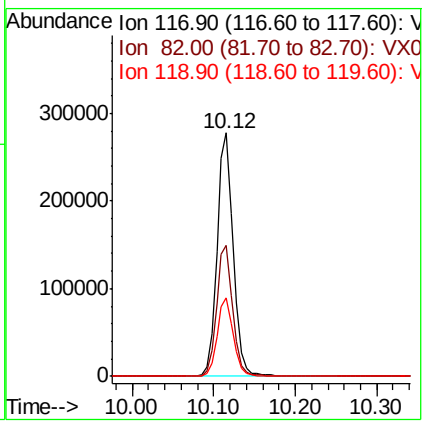


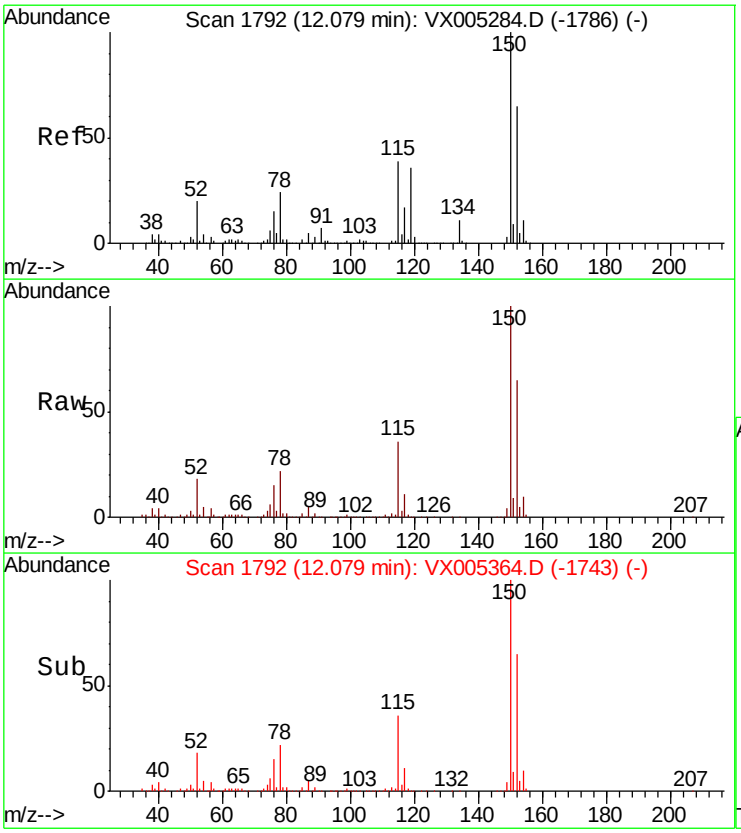
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:117 Resp: 385098

Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.8	71.6
119	32.4	29.3	43.9

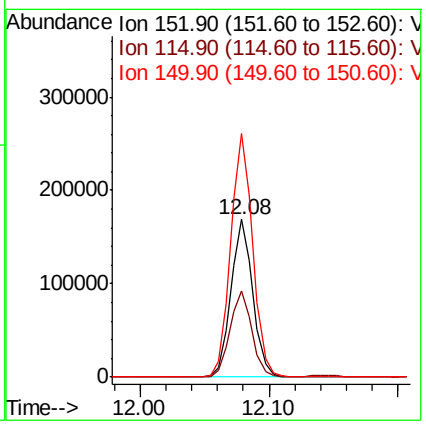


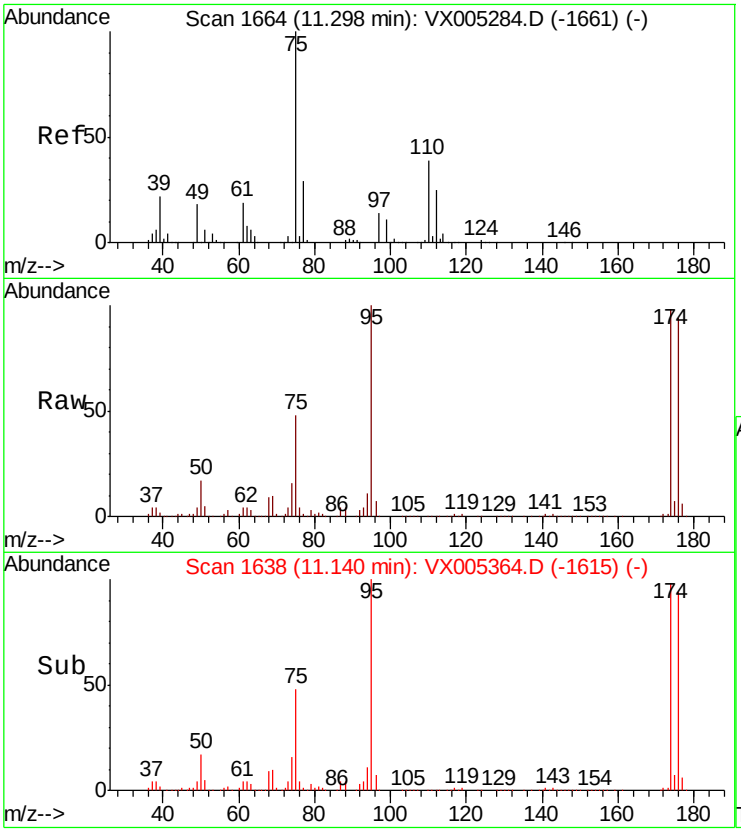


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:152 Resp: 199551

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	117.0
150	156.4	0.0	351.0



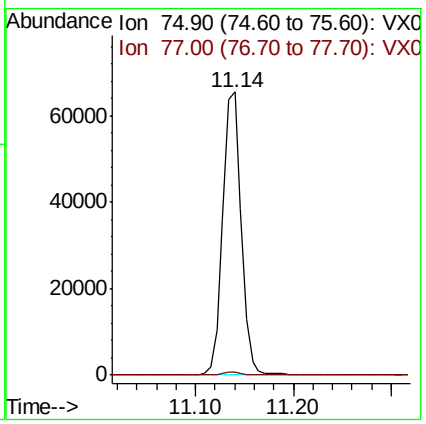


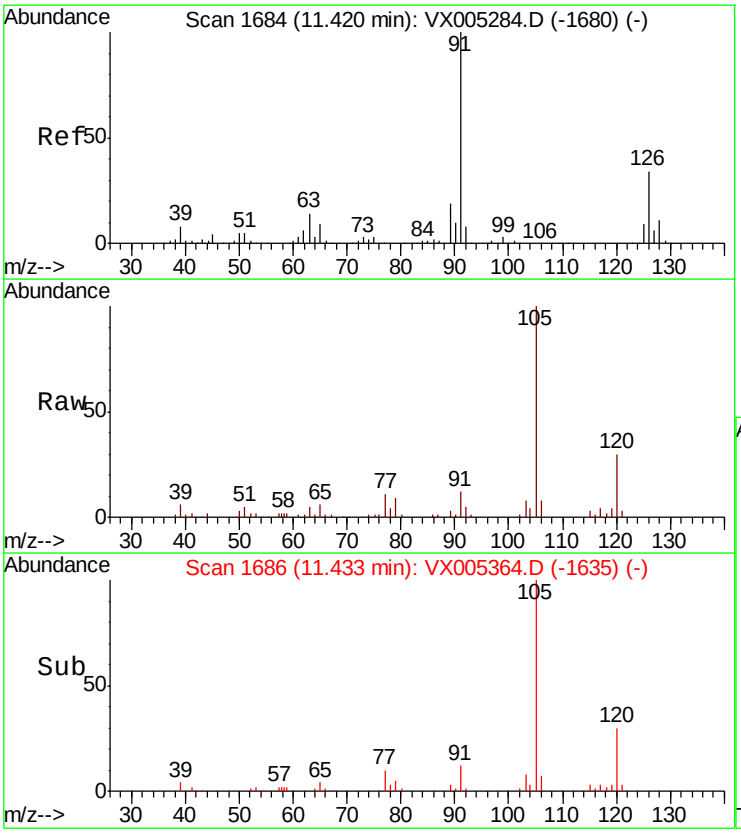
#76
1,2,3-Trichloropropane
Concen: 22.312 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 75 Resp: 86362

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

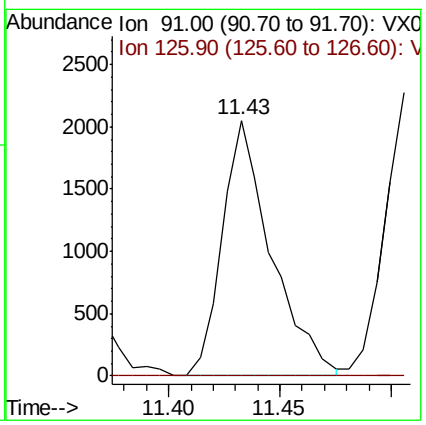


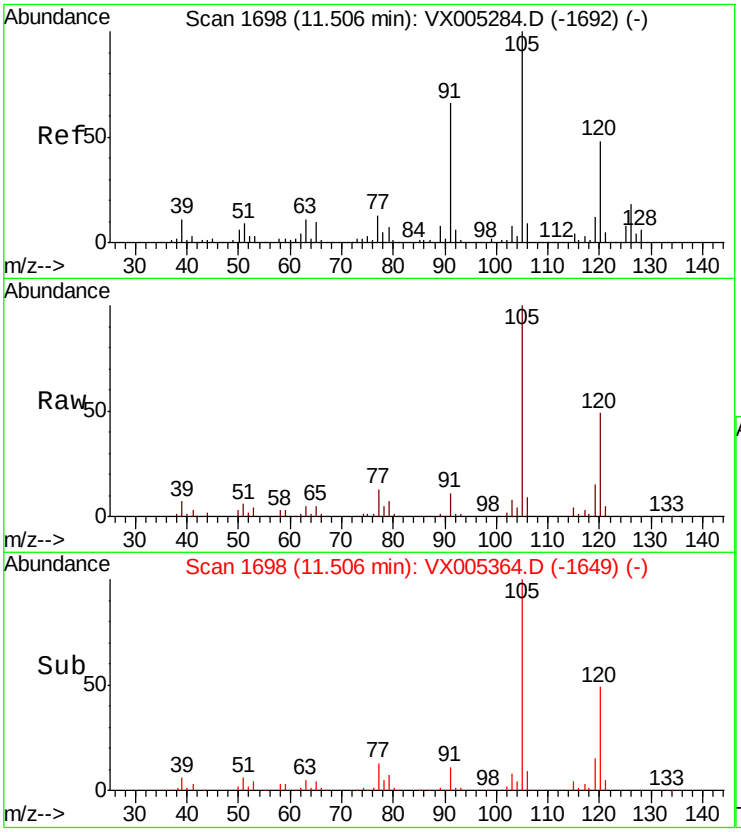


#79
2-Chlorotoluene
Concen: 0.375 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 91 Resp: 3135

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.9	53.7#



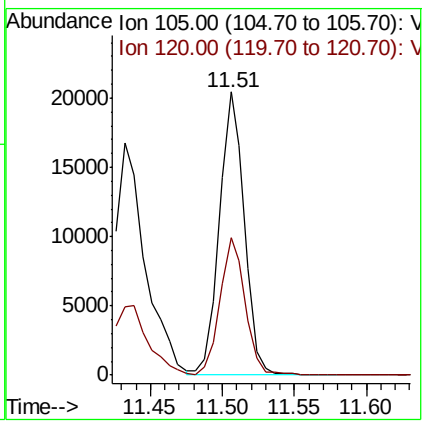


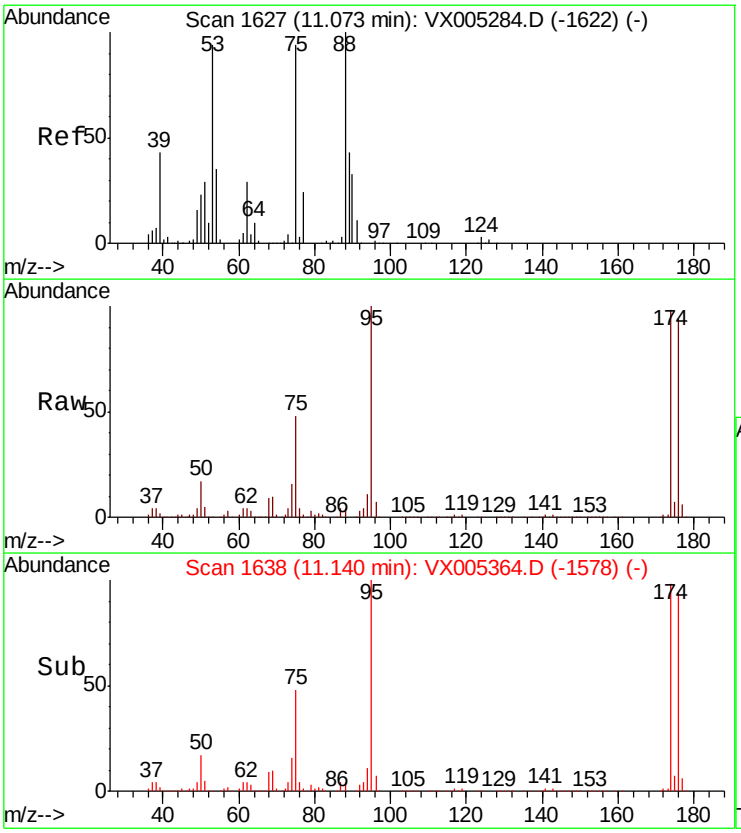
#80
1,3,5-Trimethylbenzene
Concen: 2.474 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:105 Resp: 25136

Ion	Ratio	Lower	Upper
105	100		
120	48.9	25.6	76.8

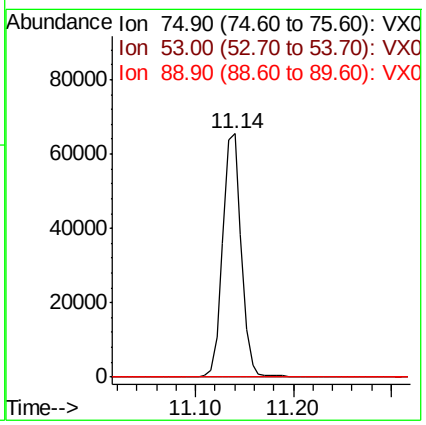


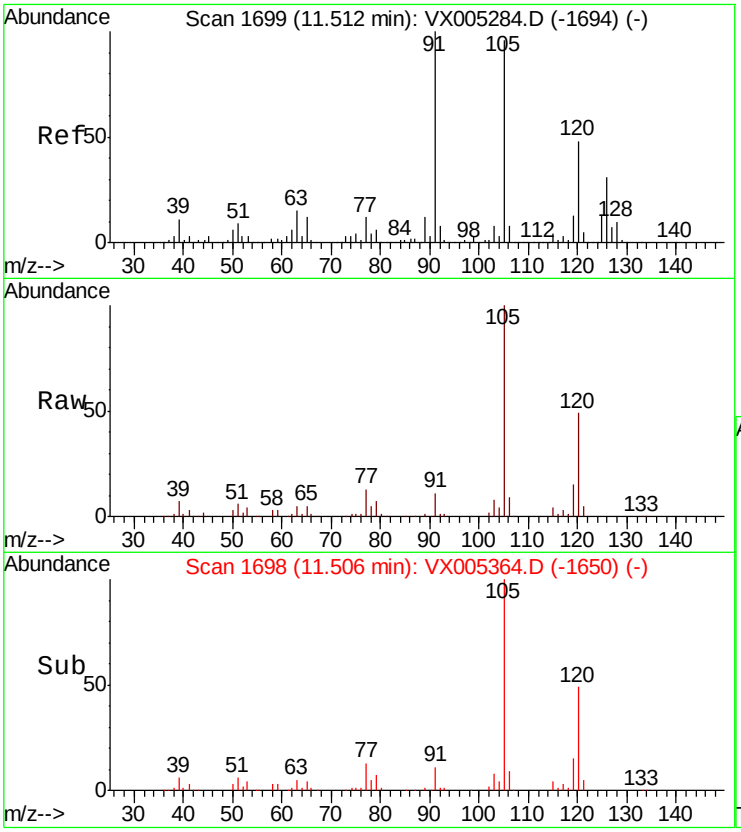


#81
trans-1,4-Dichloro-2-butene
Concen: 67.793 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion: 75 Resp: 86362

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#



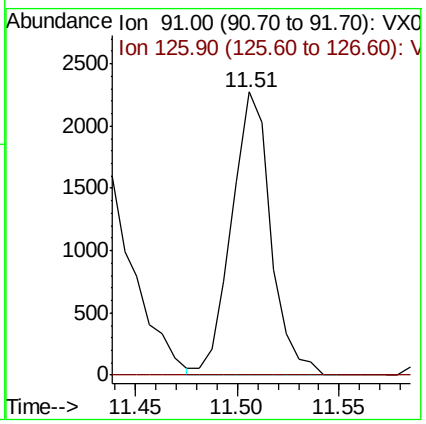


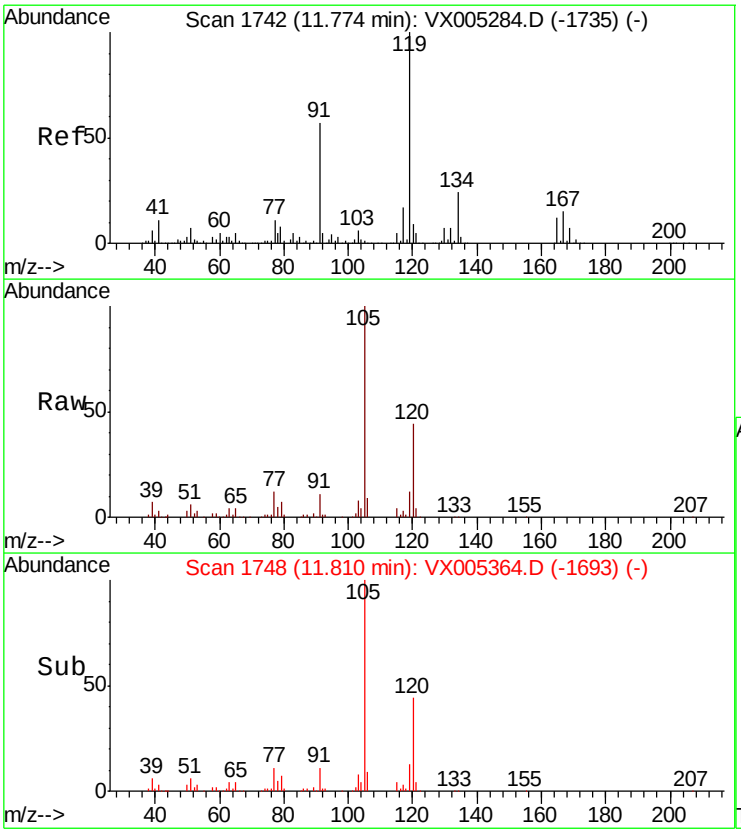
#82
4-Chlorotoluene
Concen: 0.306 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument : MSVOA_X
ClientSampleId : BS-DRUM

Tgt Ion: 91 Resp: 3034

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.5	46.5#

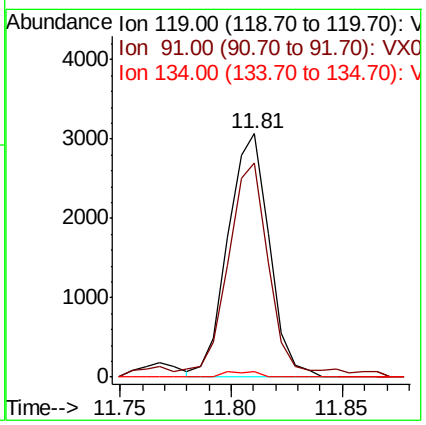


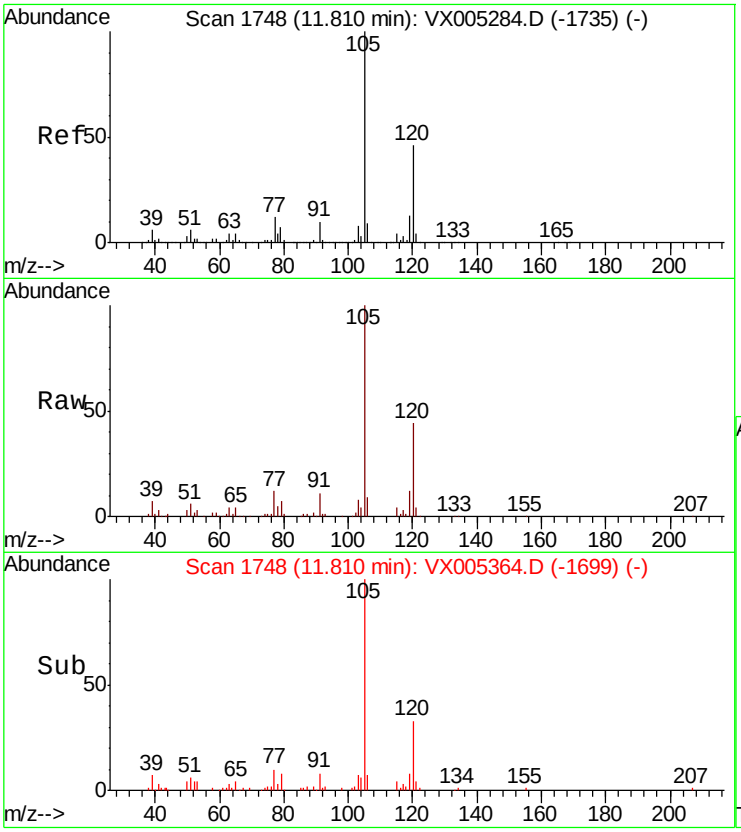


#83
tert-Butylbenzene
Concen: 0.386 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:119 Resp: 3975

Ion	Ratio	Lower	Upper
119	100		
91	90.3	27.0	81.0#
134	0.0	11.7	35.1#



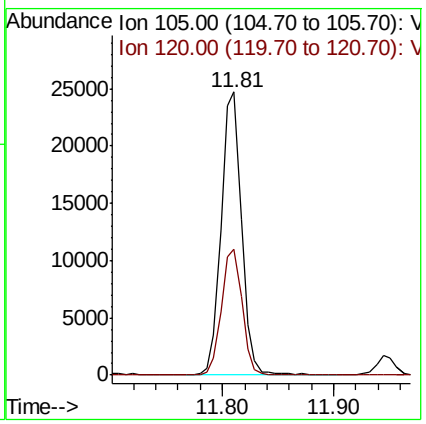


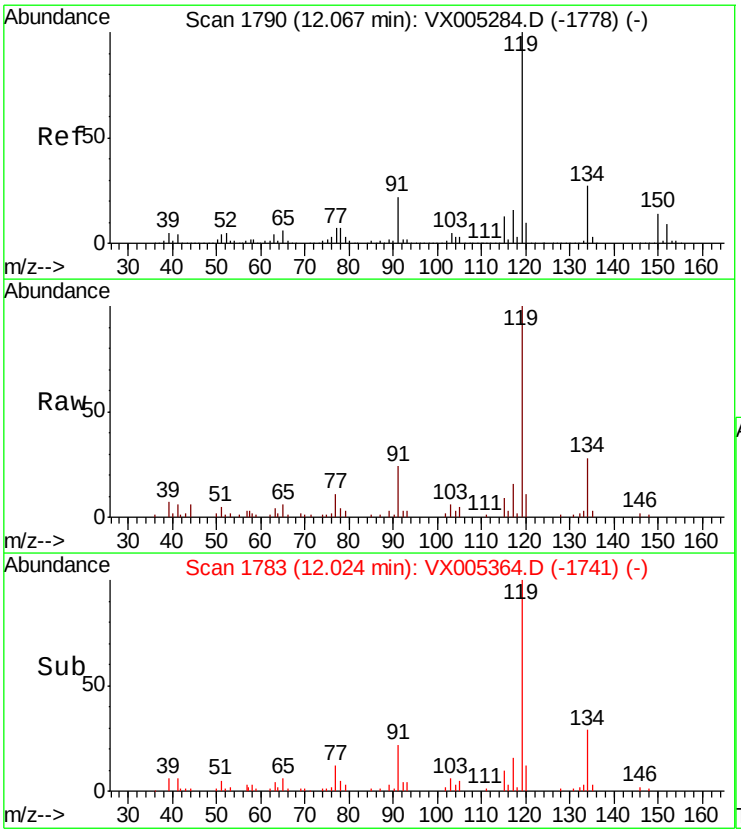
#84
1,2,4-Trimethylbenzene
Concen: 2.999 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion:105 Resp: 31349

Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6

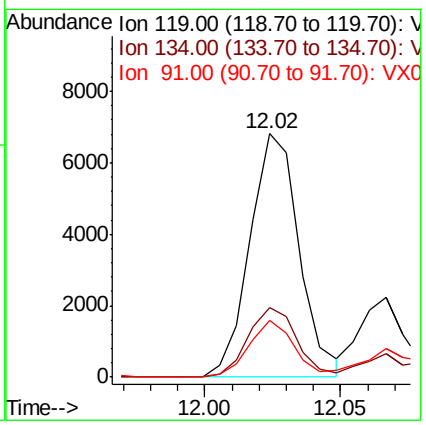


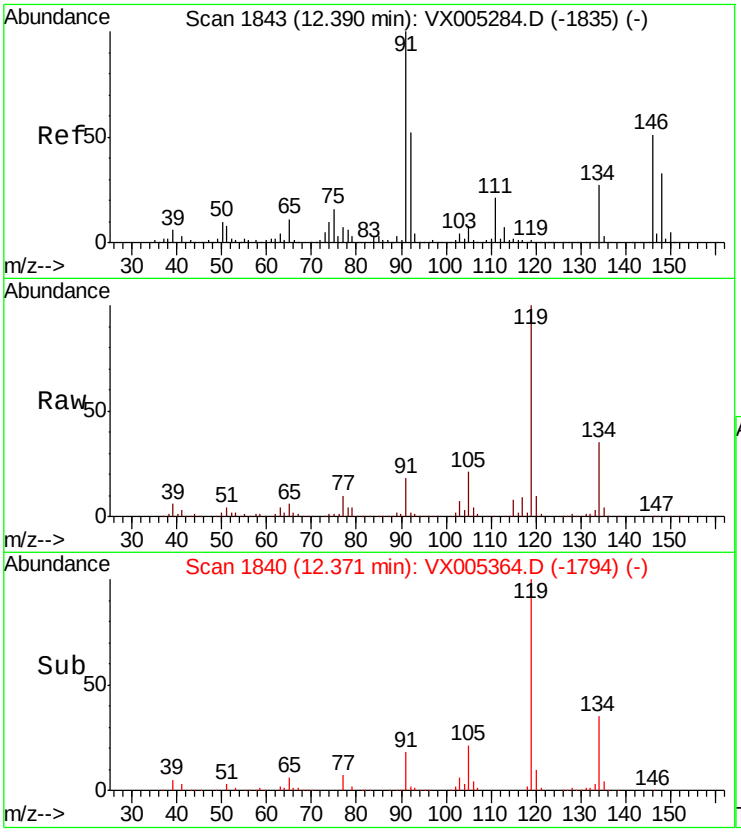


#86
p-Isopropyltoluene
Concen: 0.779 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:119 Resp: 8573

Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.4	40.2
91	21.3	10.9	32.7



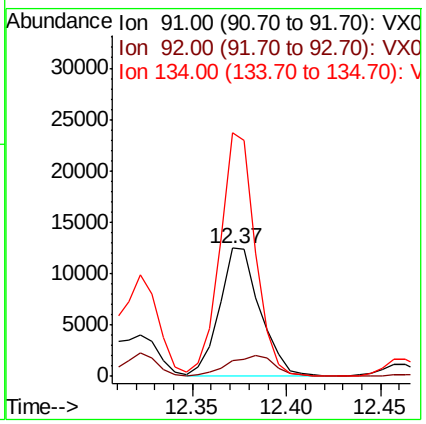


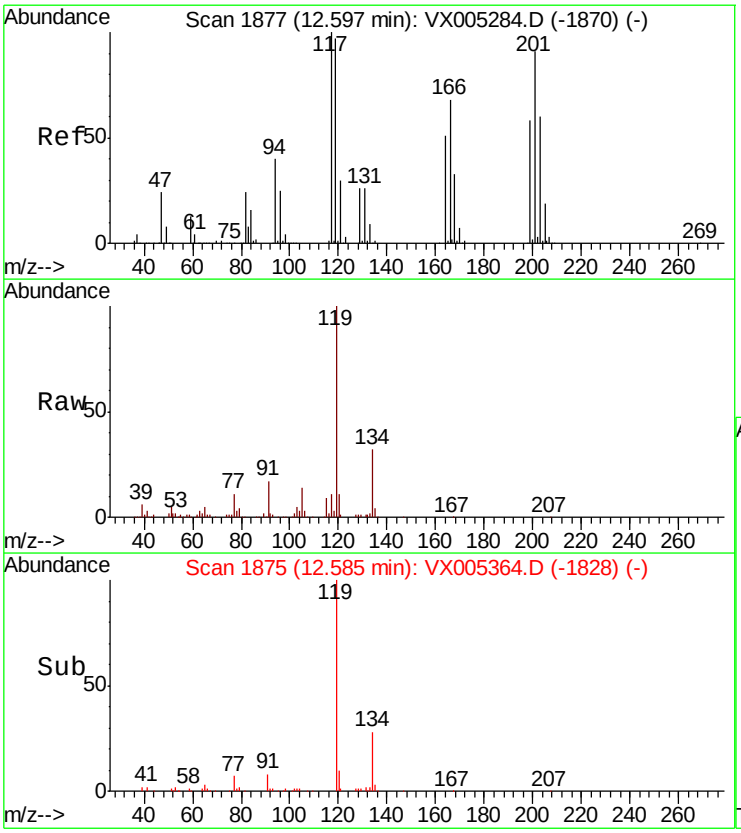
#89
n-Butylbenzene
Concen: 1.872 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 91 Resp: 18706

Ion	Ratio	Lower	Upper
91	100		
92	18.8	27.3	81.9#
134	164.2	13.6	40.7#

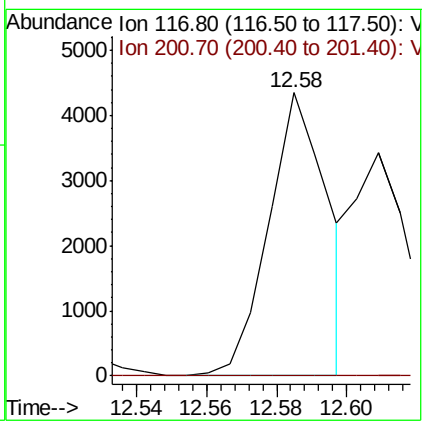


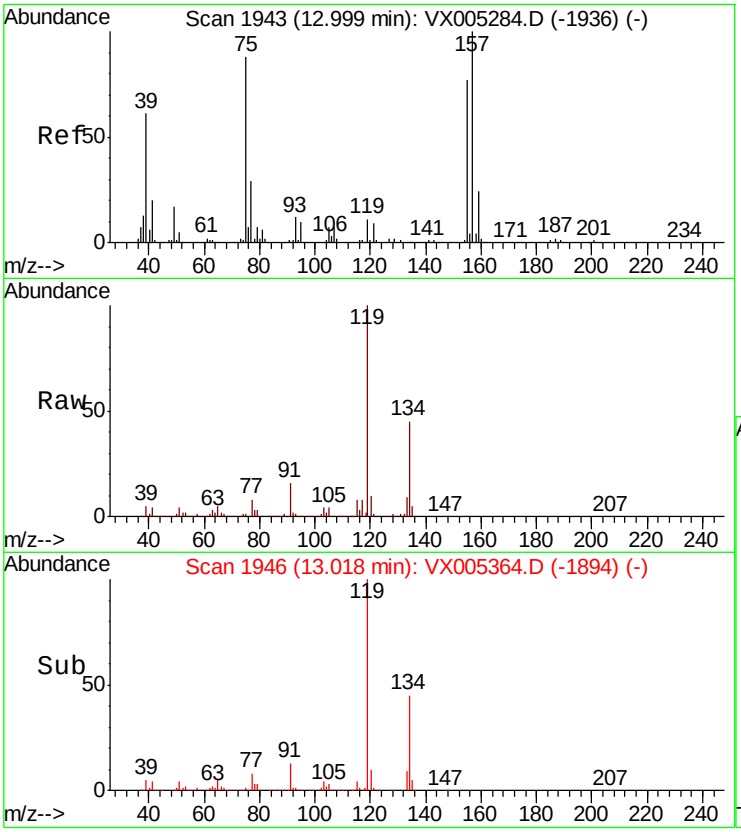


#90
Hexachloroethane
Concen: 2.682 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:117 Resp: 5086

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#



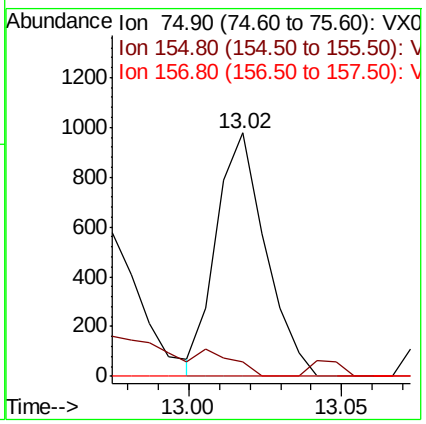


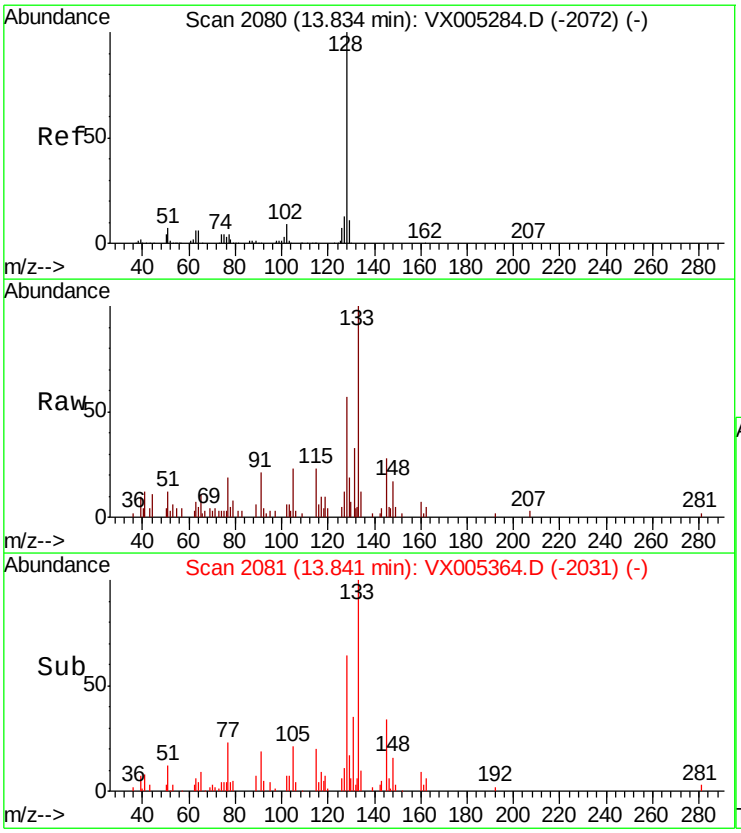
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.999 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tgt Ion: 75 Resp: 1091

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.2#
157	0.0	61.4	184.1#





#95
Naphthalene
Concen: 0.299 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005364.D
Acq: 16 Oct 2018 12:20

Tgt Ion:128 Resp: 4109

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	30.7	8.6	12.8#