Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051319\
Data File : VX009548.D
Acq On : 13 May 2019 17:04
Operator : JC/SP
Sample : K2840-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KR-01_13-18

Quant Time: May 14 03:45:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121771	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.02%			
35) Dibromofluoromethane	5.49	113	91357	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
50) Toluene-d8	8.71	98	374317	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.06%			
62) 4-Bromofluorobenzene	11.13	95	124640	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.78%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.04	59	646	1.089	ug/l	98
16) Acetone	2.44	43	4232	3.075	ug/l	98
25) 2-Butanone	4.70	43	439	0.205	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	9587	4.204	ug/l	90
28) Bromochloromethane	5.01	49	42	Below Cal	#	20
31) Cyclohexane	5.66	56	3896	1.028	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14339	5.182	ug/l #	52
38) Carbon Tetrachloride	5.66	117	17667	7.027	ug/l #	17
44) Trichloroethene	7.21	130	10659	5.148	ug/l	96
55) 1,1,2-Trichloroethane	9.33	97	480	0.226	ug/l #	5
60) Dibromochloromethane	9.34	129	45795	22.078	ug/l #	11
64) Tetrachloroethene	9.34	164	50340	28.091	ug/l	98
68) m/p-Xylenes	10.36	106	1740	0.495	ug/l	99
69) o-Xylene	10.70	106	1471	0.424	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	62840	23.646	ug/l #	34
78) n-propylbenzene	11.36	91	2455	0.258	ug/l	99
79) 2-Chlorotoluene	11.43	91	1599	0.272	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	5172	0.737	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	62840	60.500	ug/l #	10
83) tert-Butylbenzene	11.80	119	2400	0.352	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.80	105	19459	2.764	ug/l	100
85) sec-Butylbenzene	11.94	105	1721	0.213	ug/l #	70
86) p-Isopropyltoluene	12.02	119	2140	0.294	ug/l	95
89) n-Butylbenzene	12.38	91	2908	0.442	ug/l #	37
90) Hexachloroethane	12.58	117	540	0.436	ug/l #	7
95) Naphthalene	13.83	128	7174	0.859	ug/l #	96

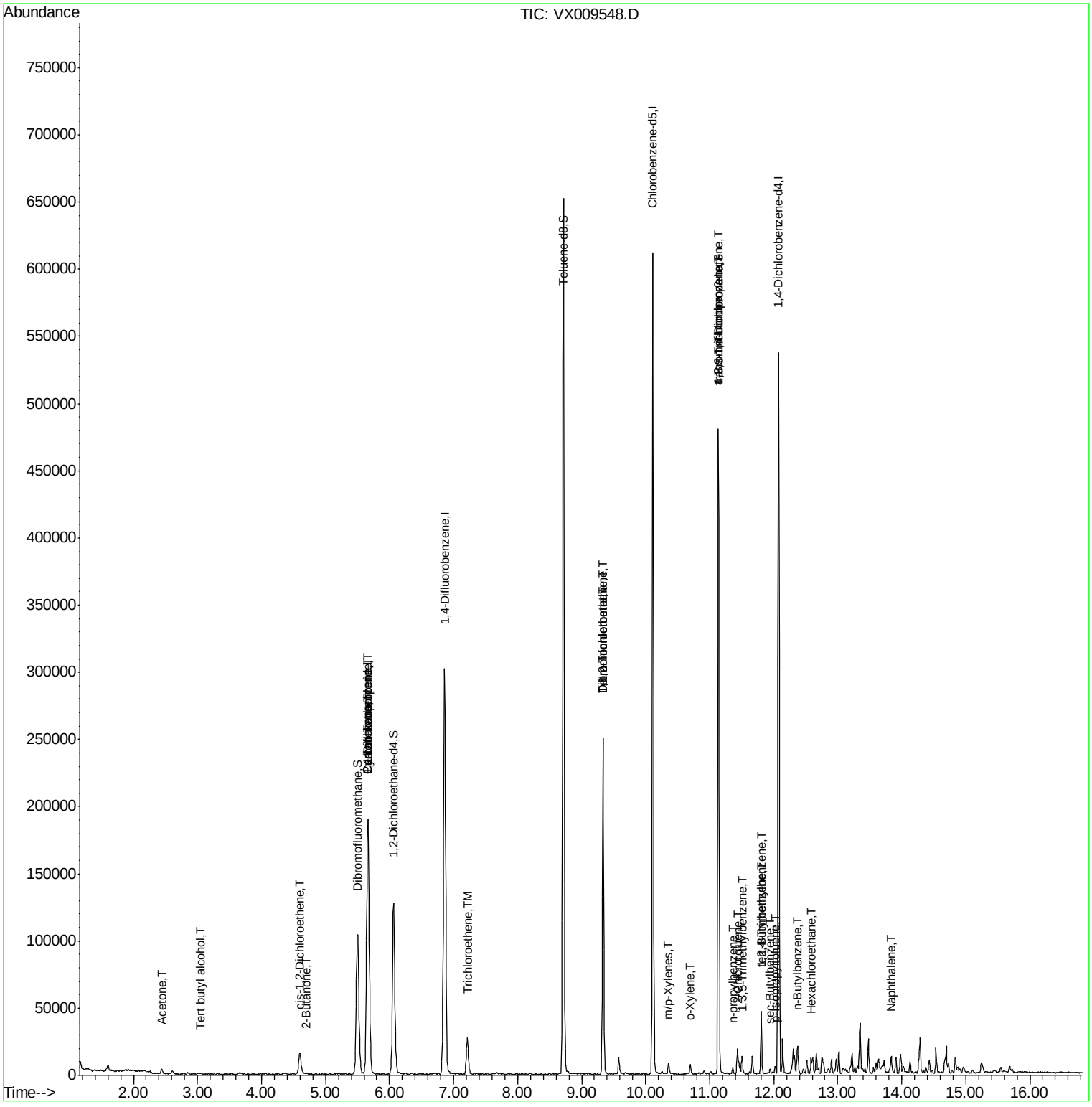
(#) = qualifier out of range (m) = manual integration (+) = signals summed

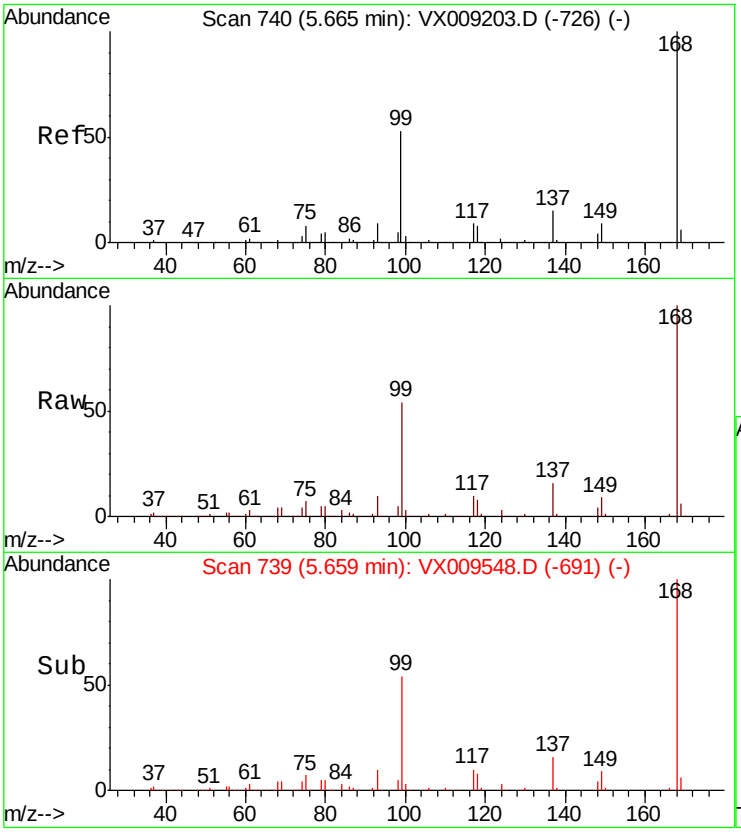
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051319\
Data File : VX009548.D
Acq On : 13 May 2019 17:04
Operator : JC/SP
Sample : K2840-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Quant Time: May 14 03:45:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



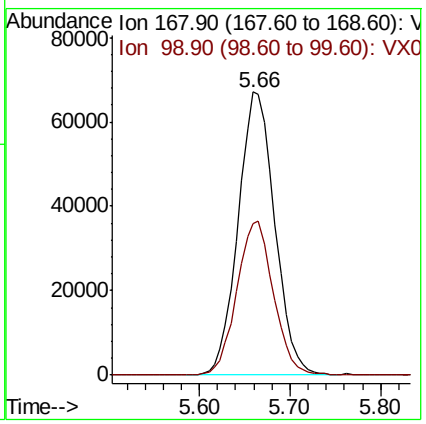


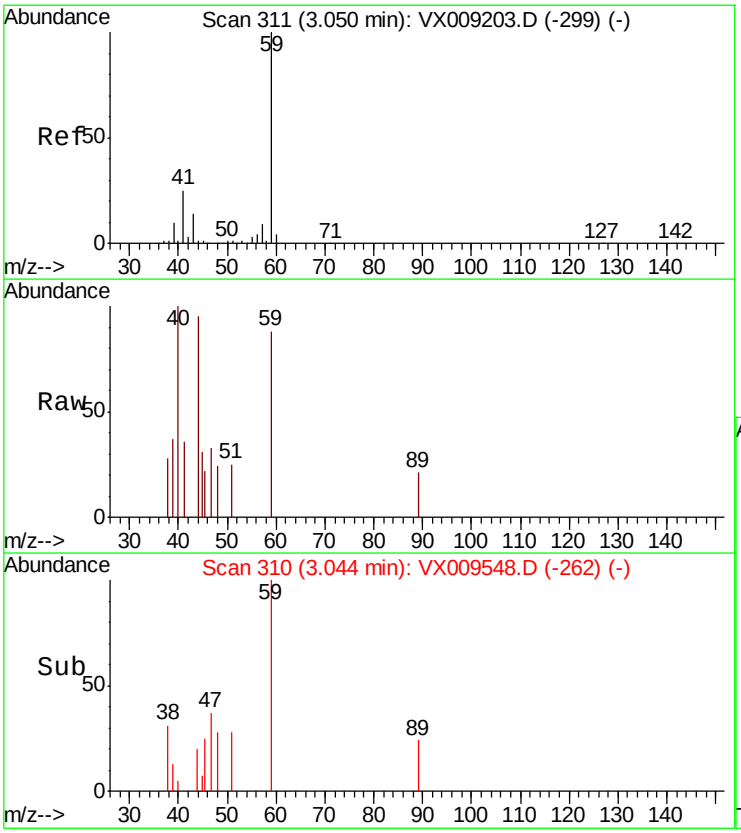
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:168 Resp: 187744

Ion	Ratio	Lower	Upper
168	100		
99	53.4	42.3	63.5

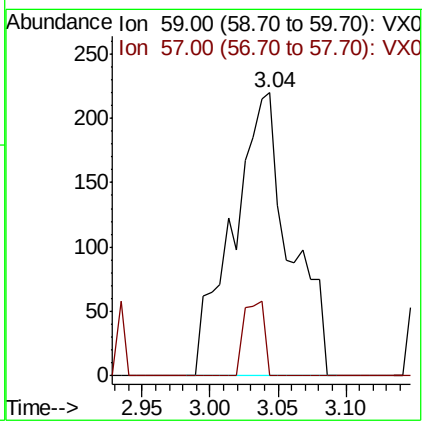


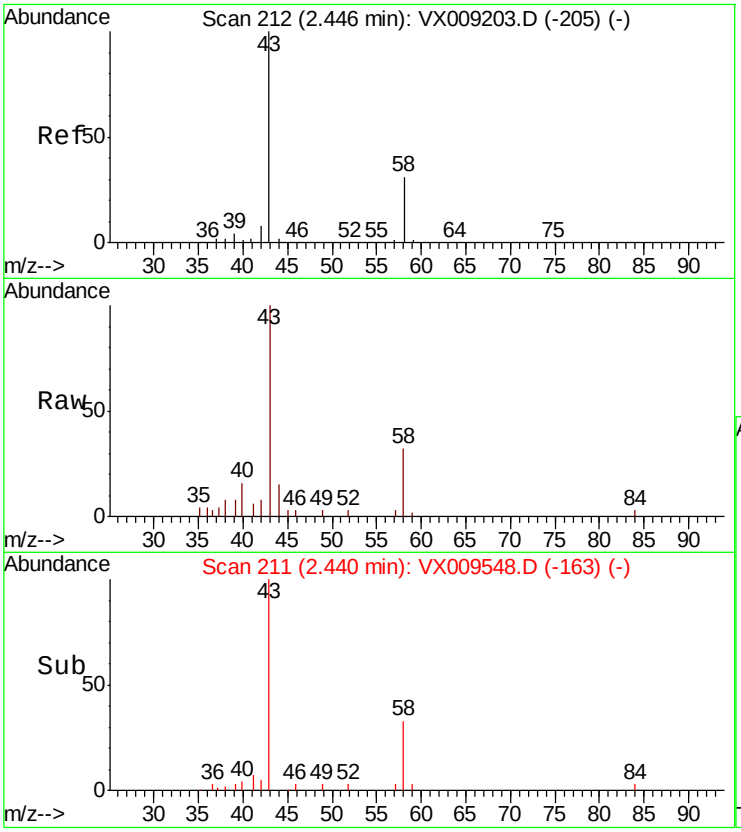


#11
Tert butyl alcohol
Concen: 1.089 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 59 Resp: 646

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.2	12.2



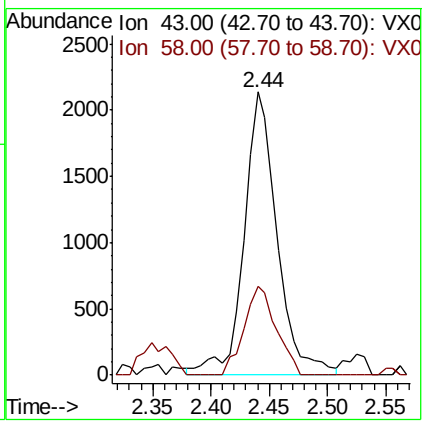


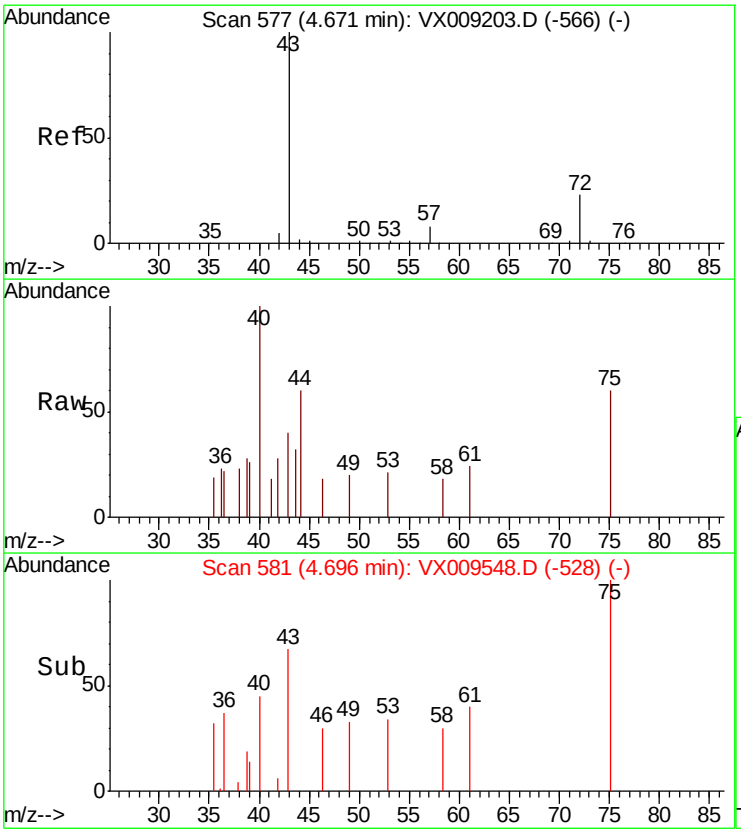
#16
Acetone
Concen: 3.075 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 43 Resp: 4232

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.9	37.3

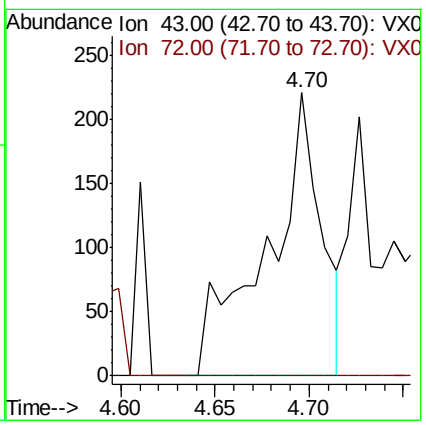


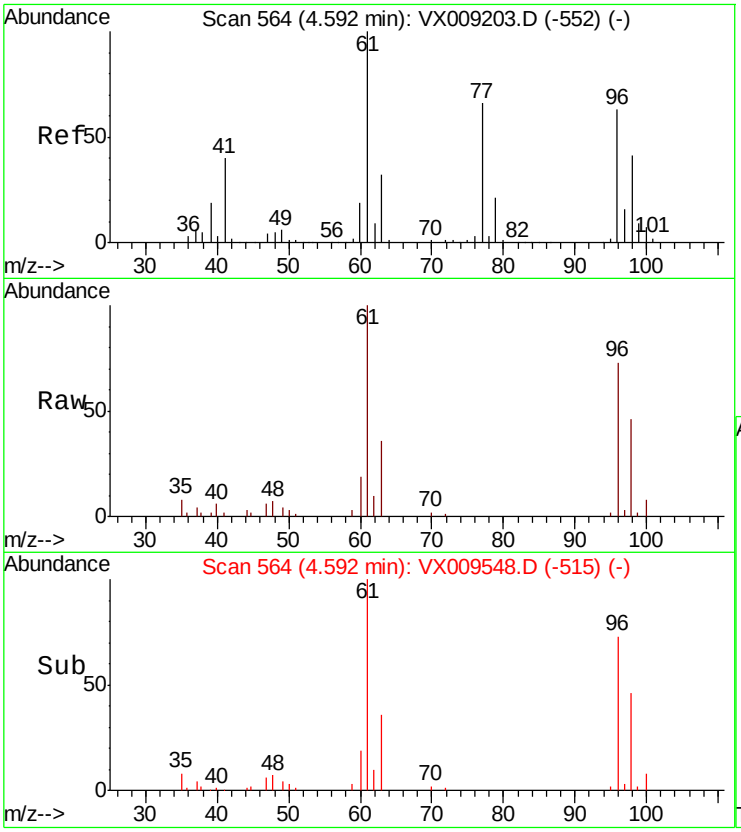


#25
2-Butanone
Concen: 0.205 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 43 Resp: 439

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



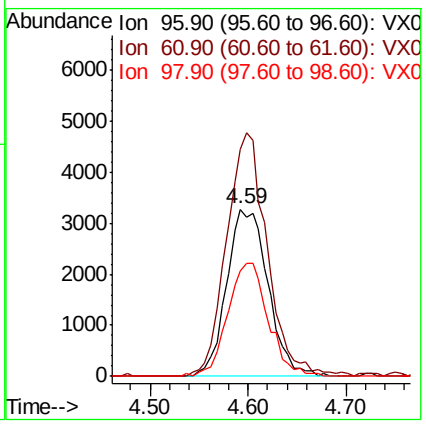


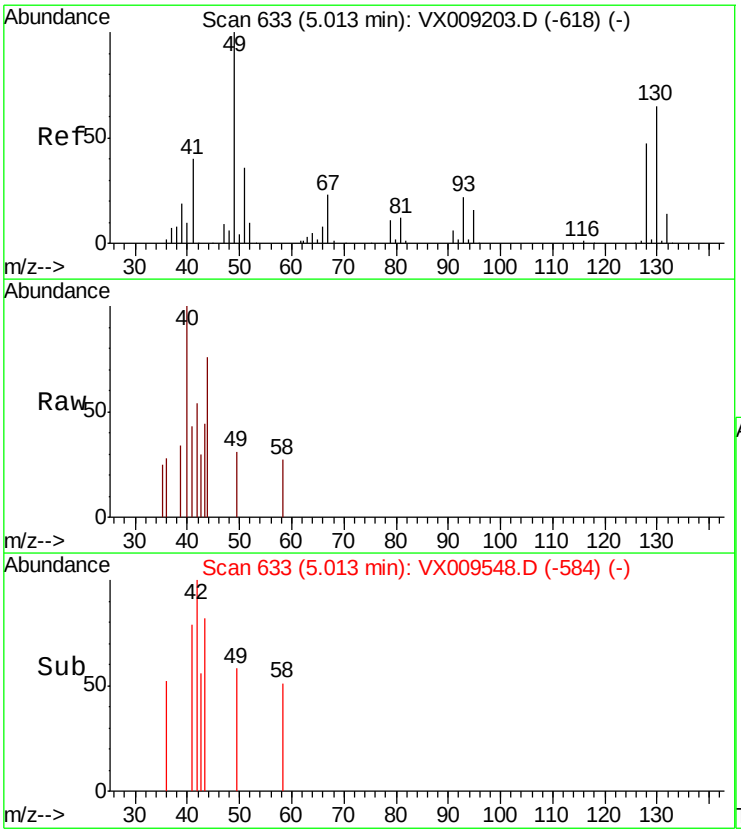
#27
cis-1,2-Dichloroethene
Concen: 4.204 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 96 Resp: 9587

Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	324.0
98	66.8	0.0	130.4

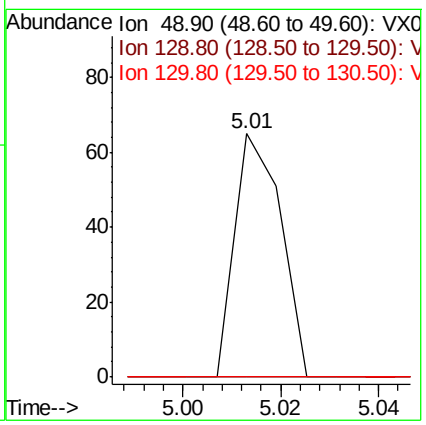


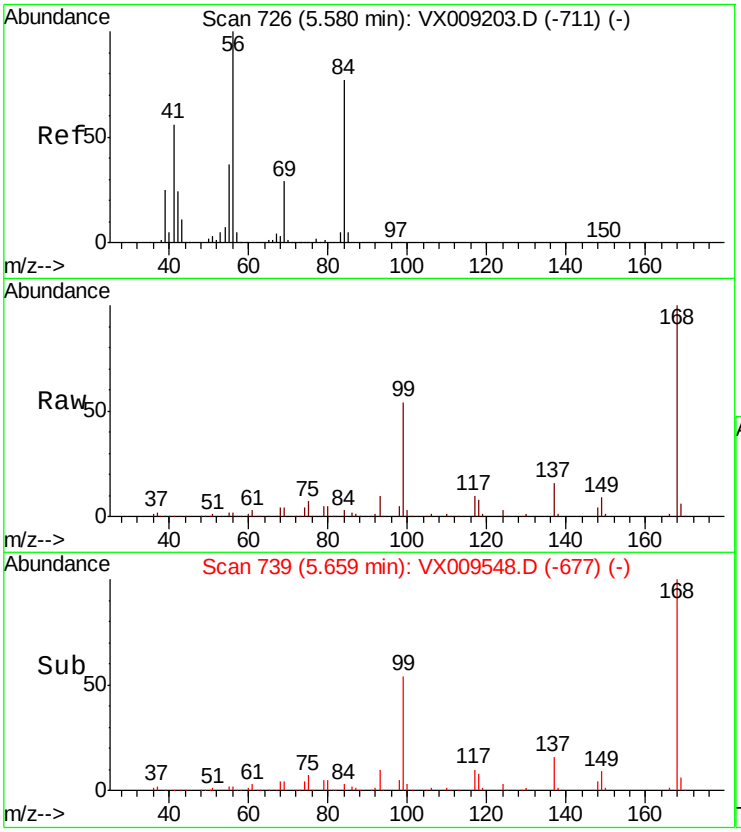


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 49 Resp: 42

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



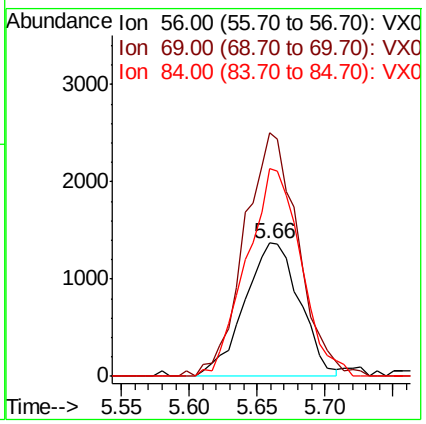


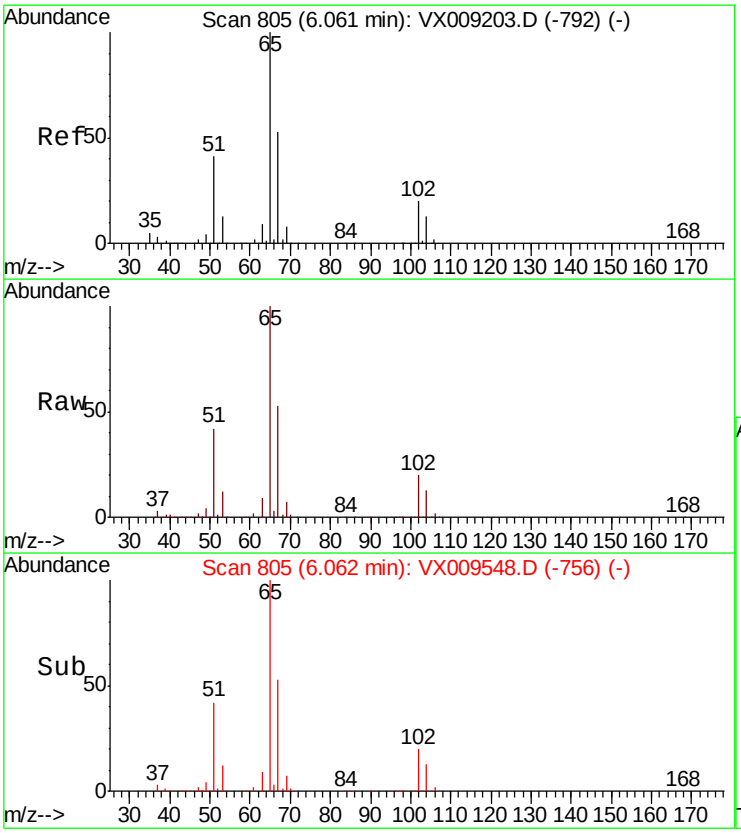
#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 56 Resp: 3896

Ion	Ratio	Lower	Upper
56	100		
69	178.7	23.4	35.0#
84	156.1	61.9	92.9#

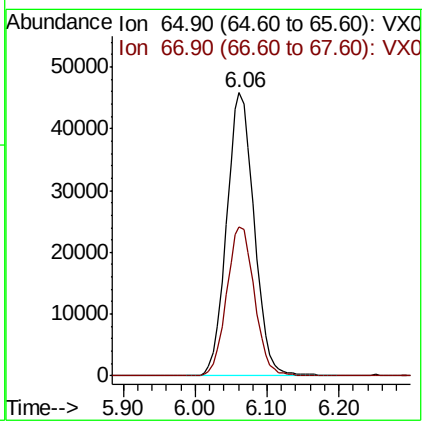


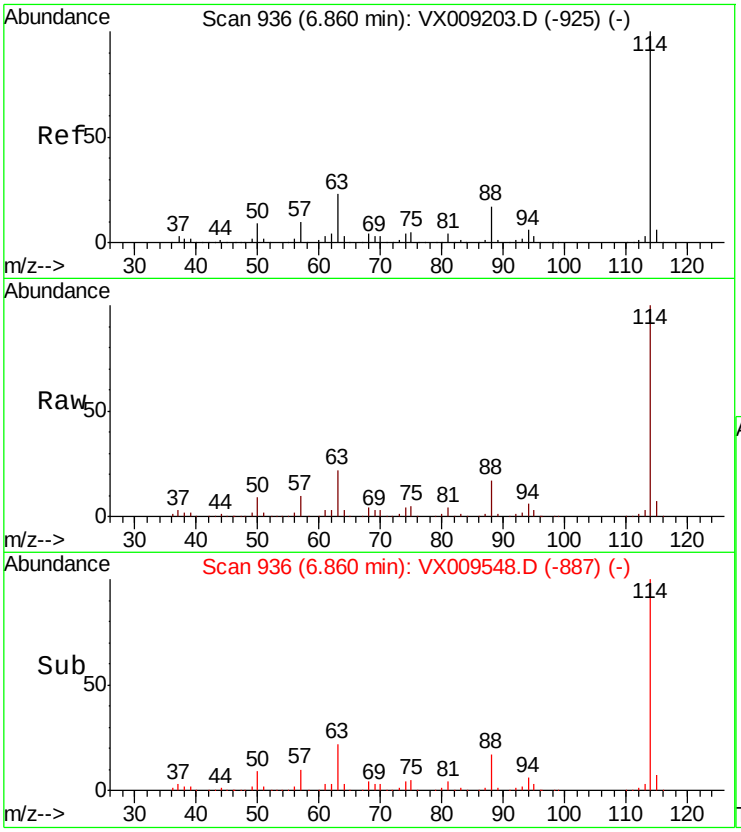


#33
1,2-Dichloroethane-d4
Concen: 47.512 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 65 Resp: 121771

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6



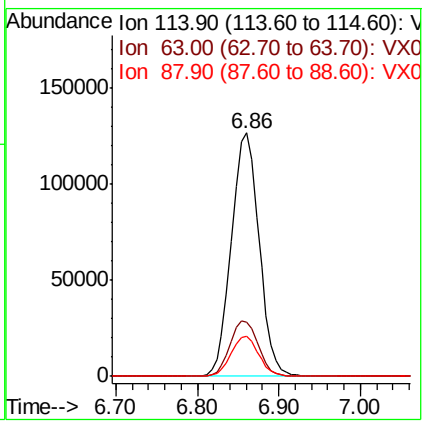


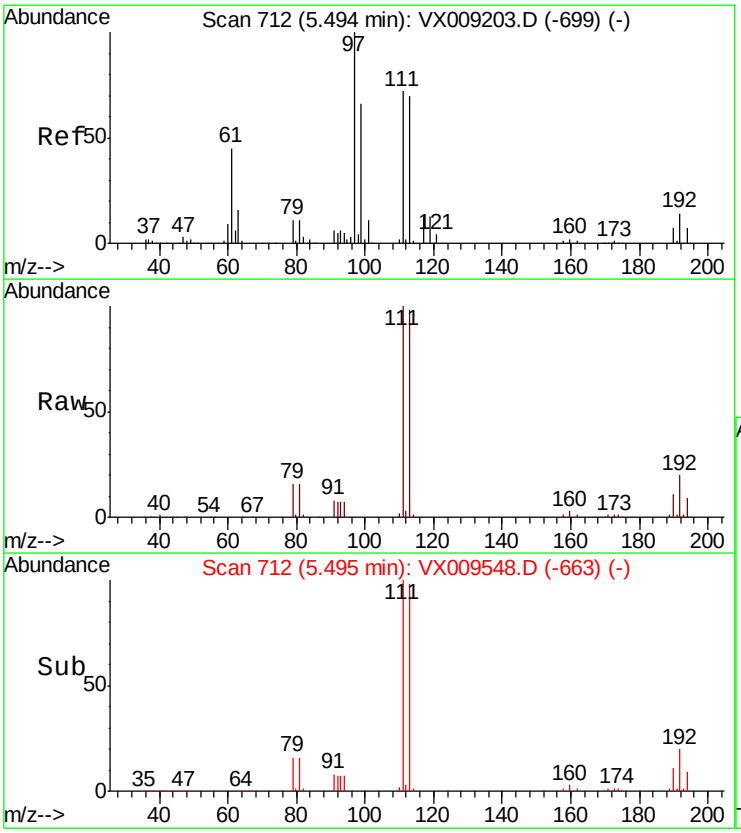
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:114 Resp: 297763

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.6	0.0	33.2

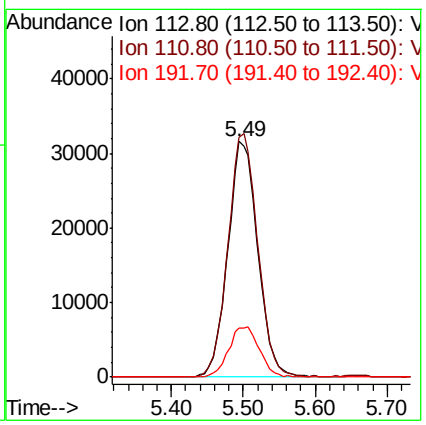


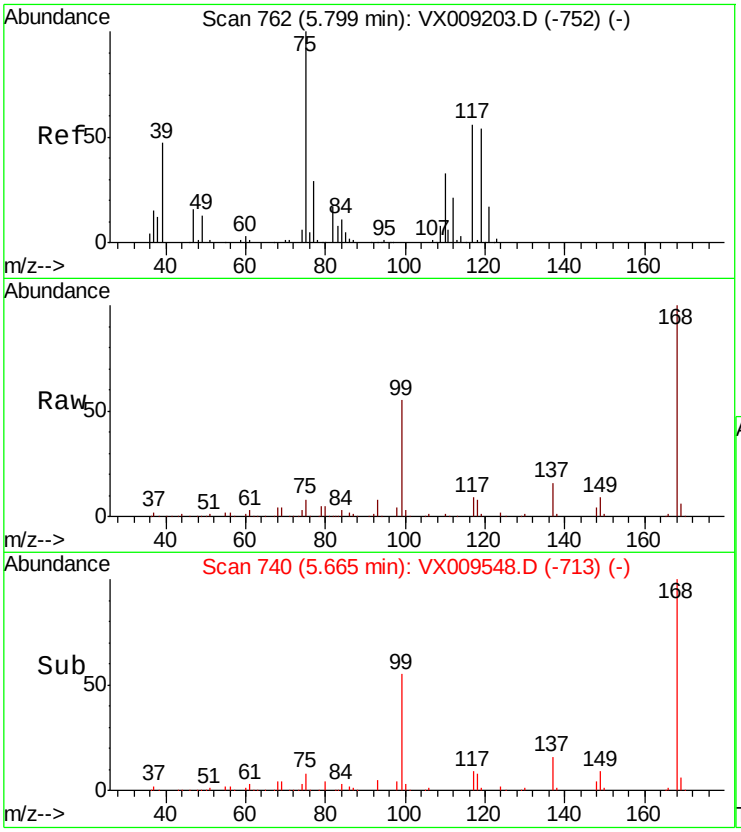


#35
Dibromofluoromethane
Concen: 48.806 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:113 Resp: 91357

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	22.0	17.0	25.6



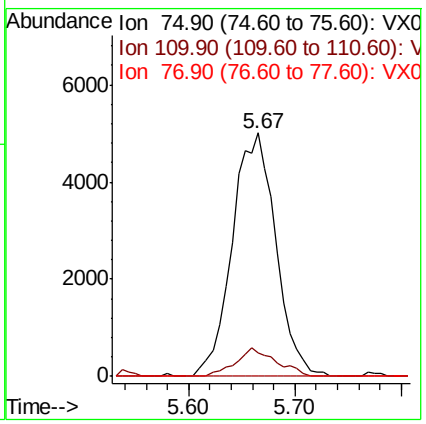


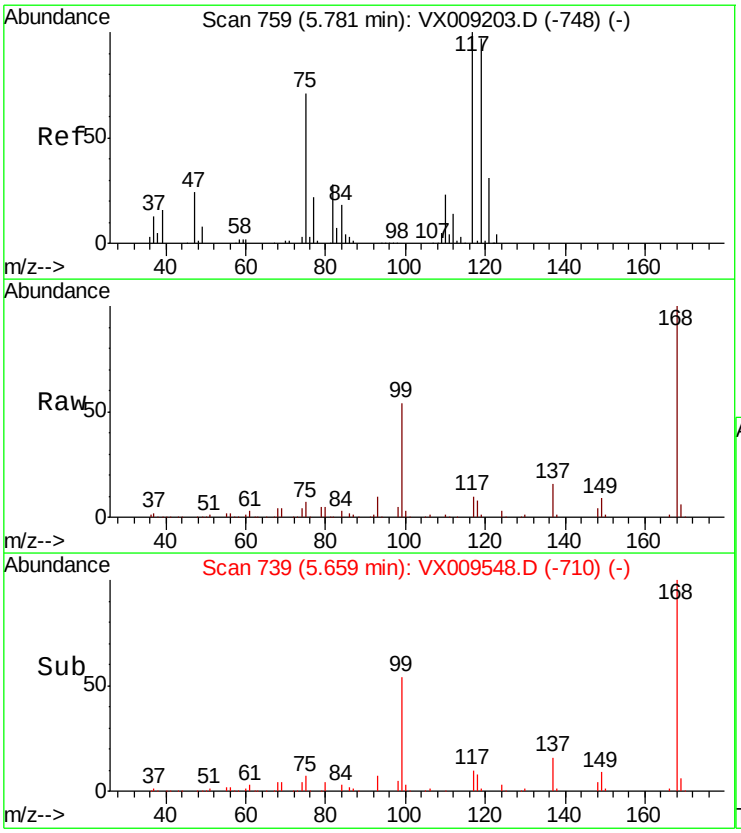
#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 75 Resp: 14339

Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.9	50.6#
77	0.0	24.8	37.2#

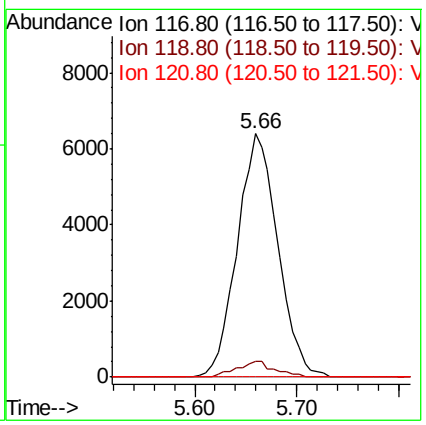


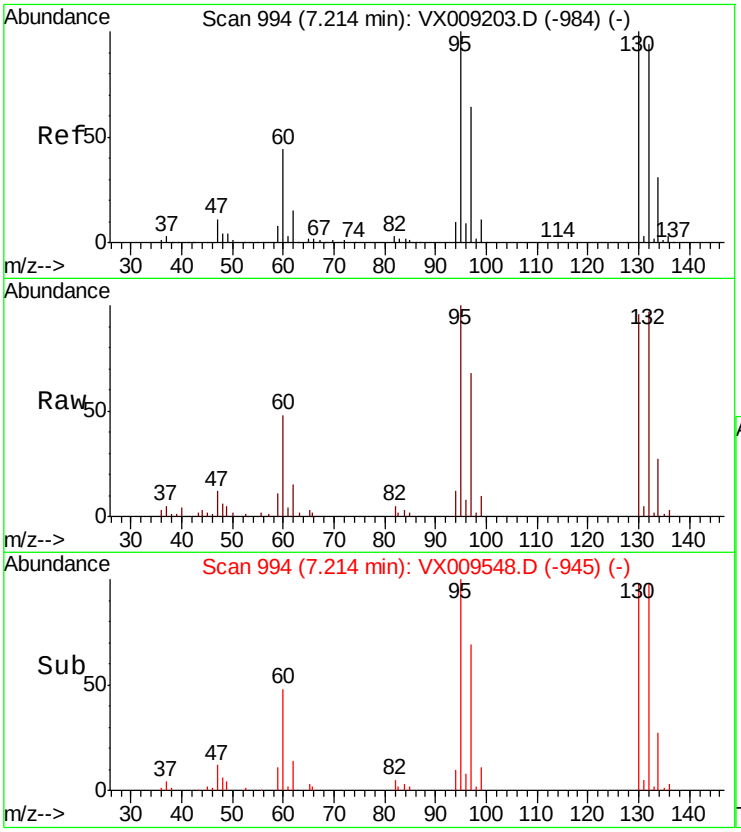


#38
Carbon Tetrachloride
Concen: 7.027 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:117 Resp: 17667

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.5	116.3#
121	0.0	24.7	37.1#



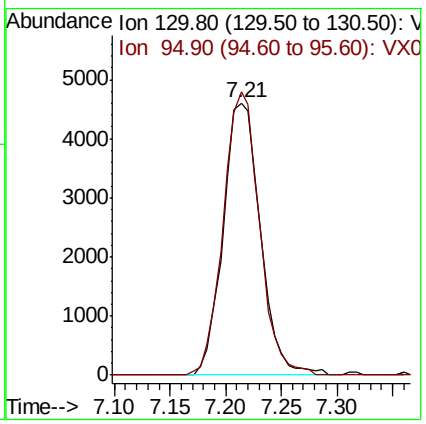


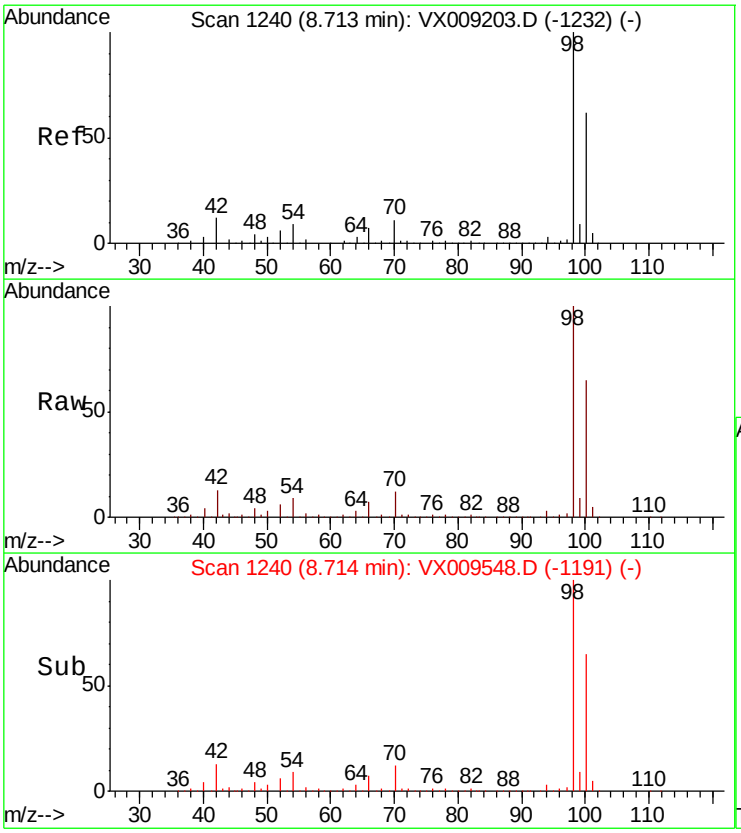
#44
Trichloroethene
Concen: 5.148 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:130 Resp: 10659

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	199.2

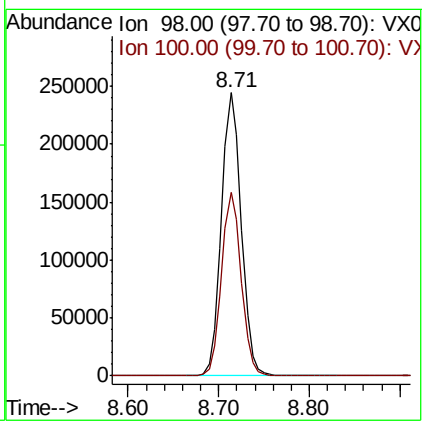


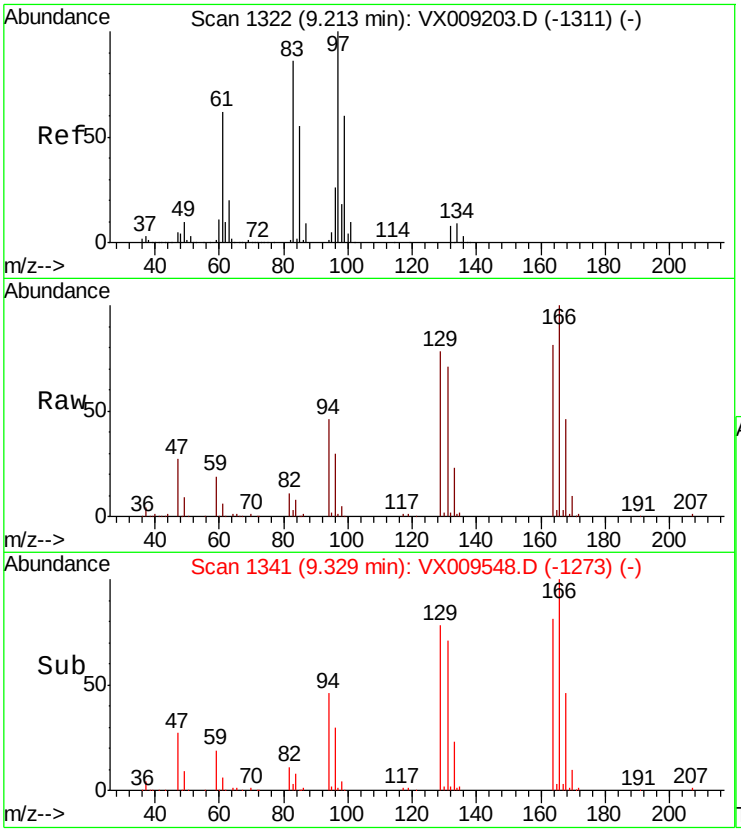


#50
Toluene-d8
Concen: 49.531 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 98 Resp: 374317

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



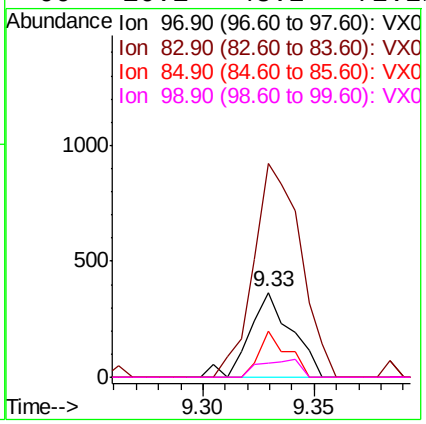


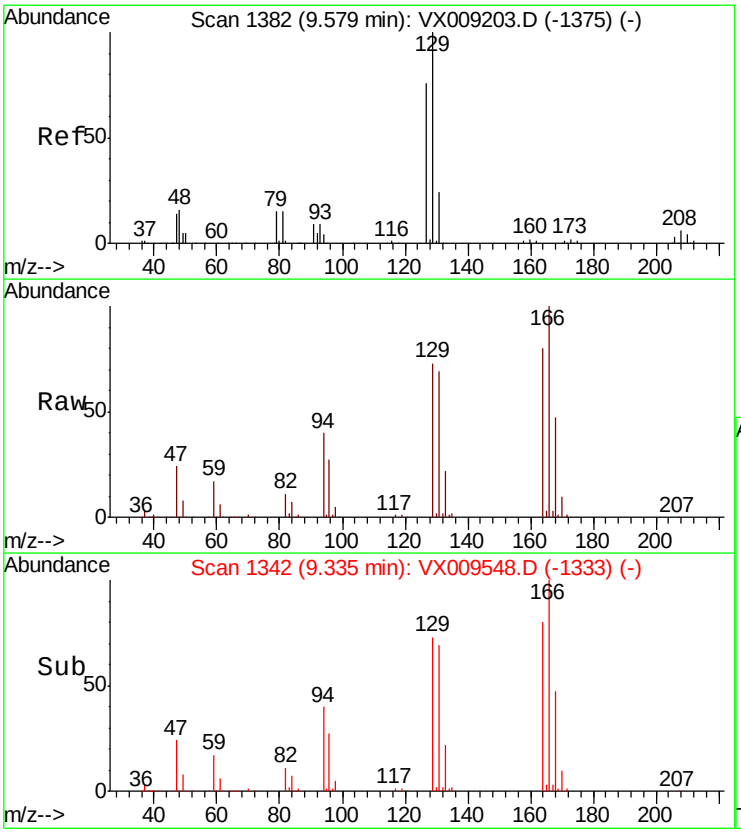
#55
1,1,2-Trichloroethane
Concen: 0.226 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.12 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument : MSVOA_X
ClientSampleId : KR-01_13-18

Tgt Ion: 97 Resp: 480

Ion	Ratio	Lower	Upper
97	100		
83	251.6	68.9	103.3#
85	53.6	43.8	65.6
99	16.1	48.2	72.2#

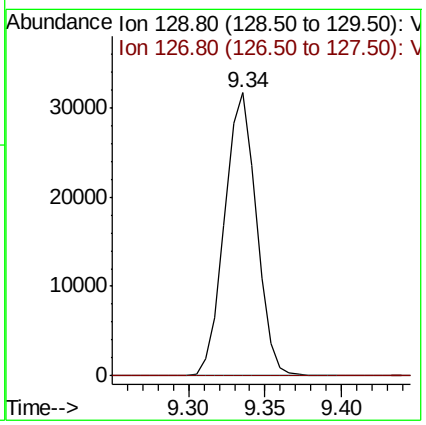


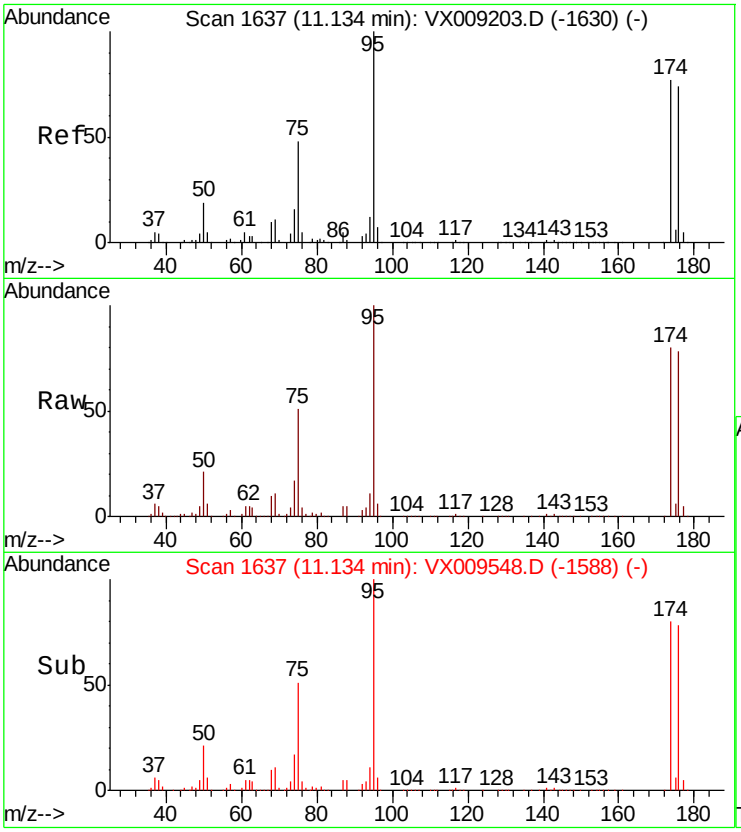


#60
Dibromochloromethane
Concen: 22.078 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:129 Resp: 45795

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#



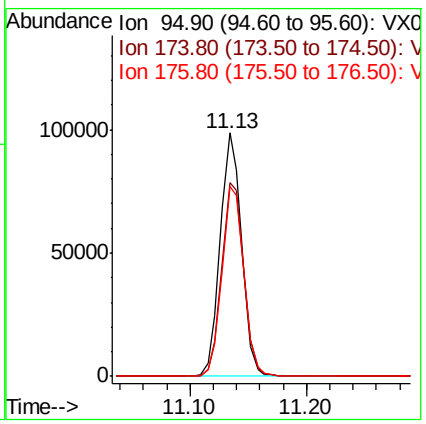


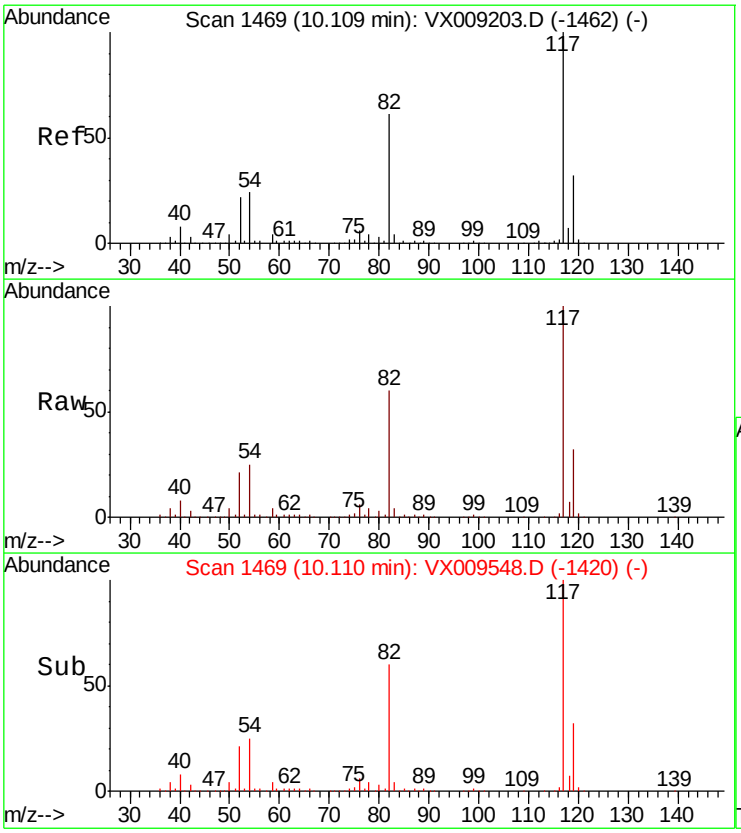
#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument : MSVOA_X
ClientSampleId : KR-01_13-18

Tgt Ion: 95 Resp: 124640

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	161.6
176	80.0	0.0	159.2

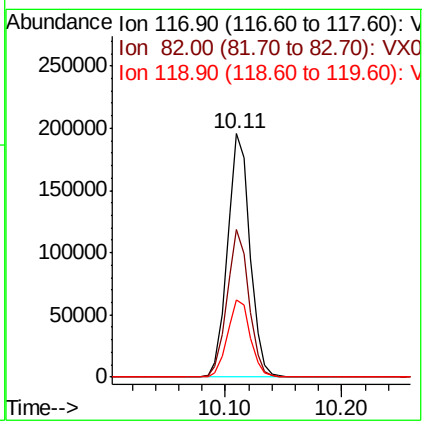


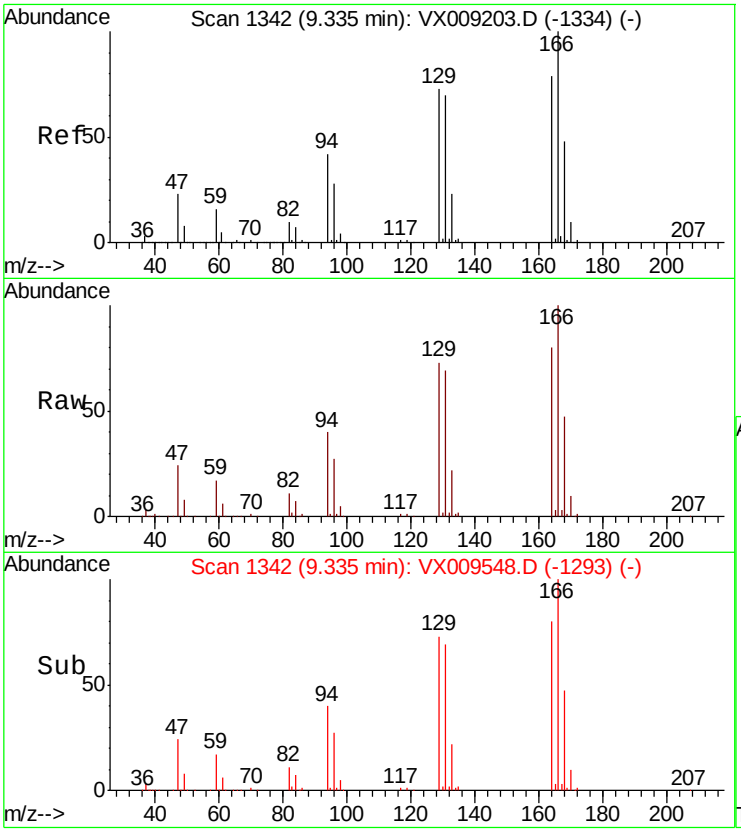


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:117 Resp: 261250

Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.8	73.2
119	31.7	25.8	38.6



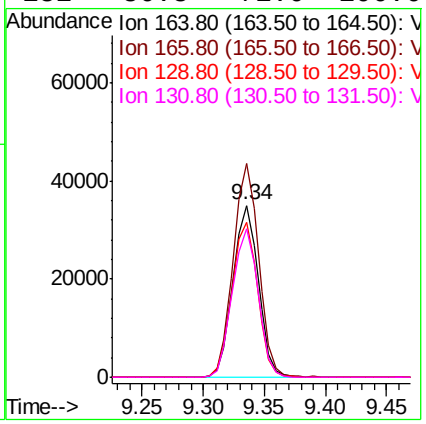


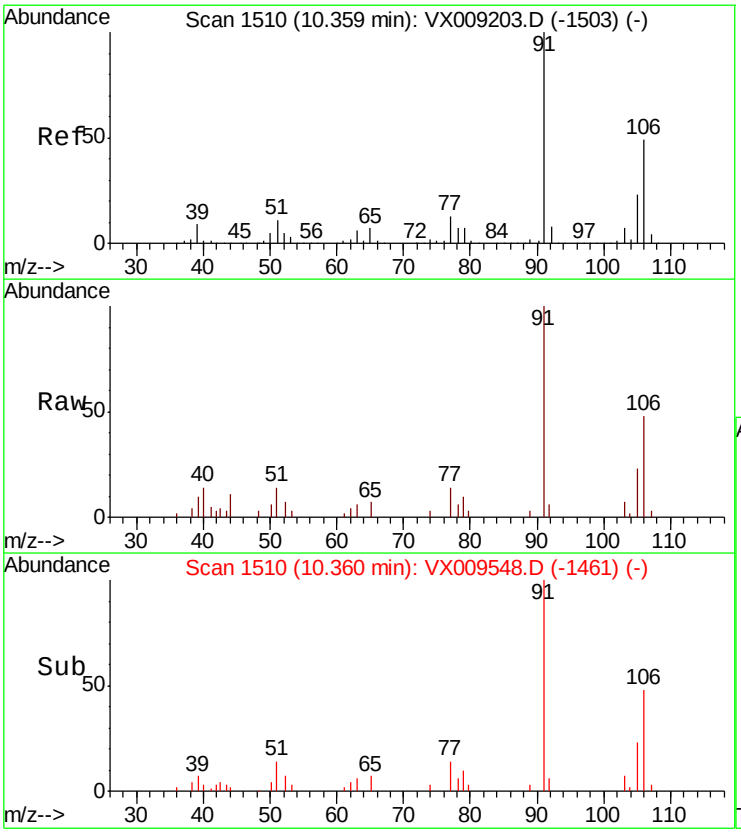
#64
Tetrachloroethene
Concen: 28.091 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:164 Resp: 50340

Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.2	151.8
129	90.3	74.3	111.5
131	86.3	71.0	106.6

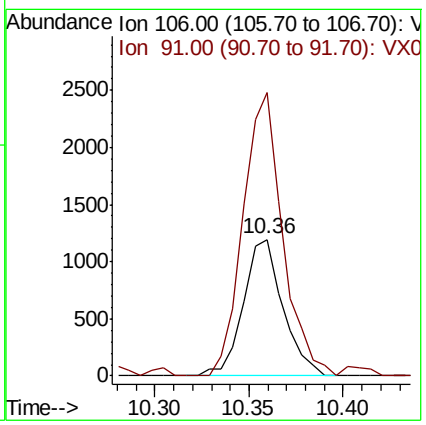


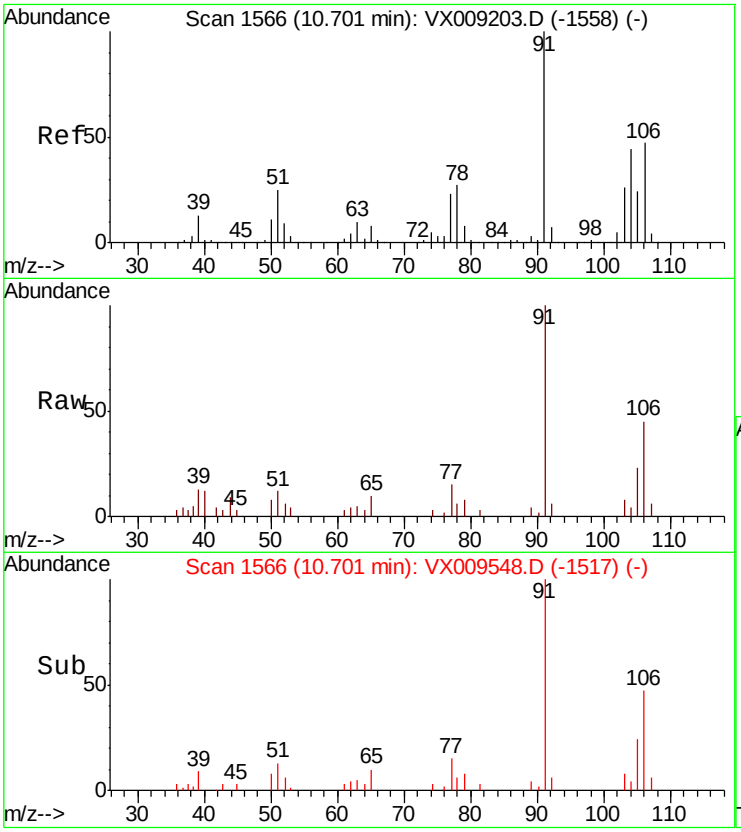


#68
m/p-Xylenes
Concen: 0.495 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:106 Resp: 1740

Ion	Ratio	Lower	Upper
106	100		
91	206.9	164.0	246.0



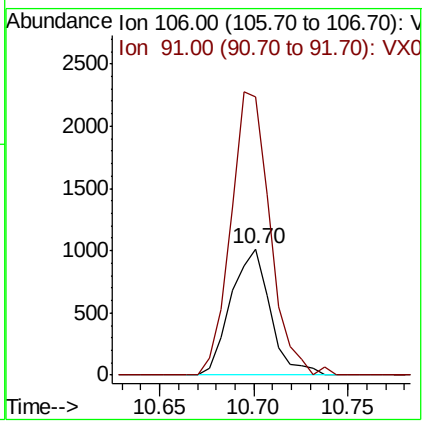


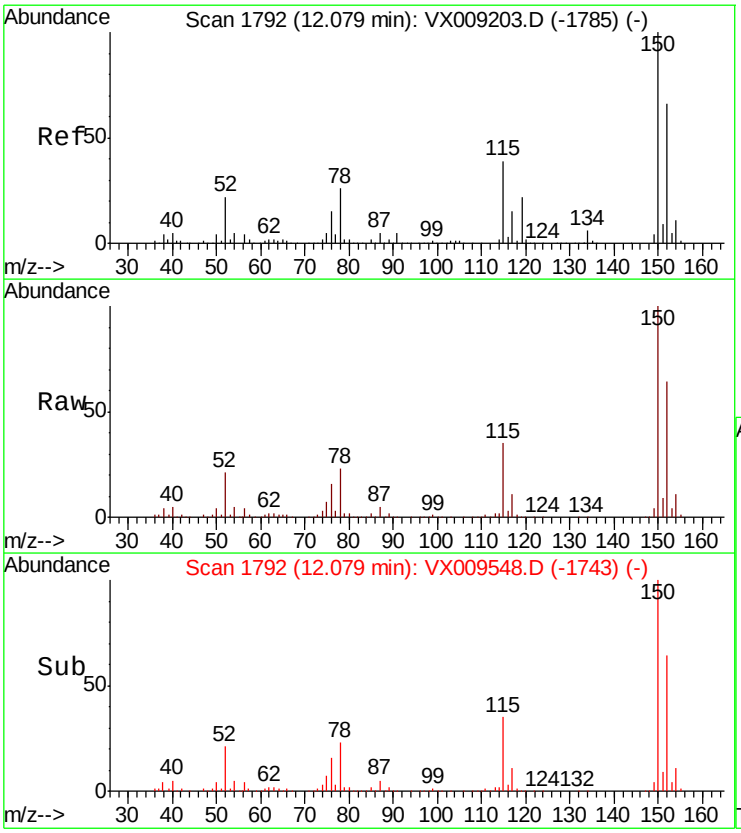
#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:106 Resp: 1471

Ion	Ratio	Lower	Upper
106	100		
91	222.5	109.5	328.4

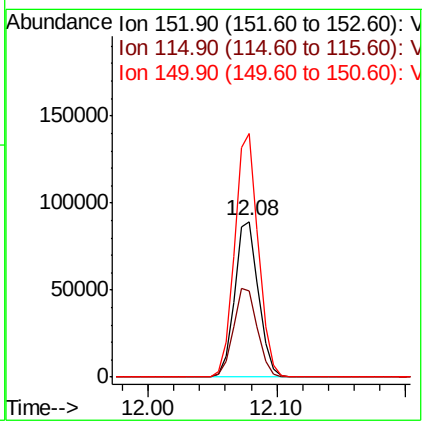


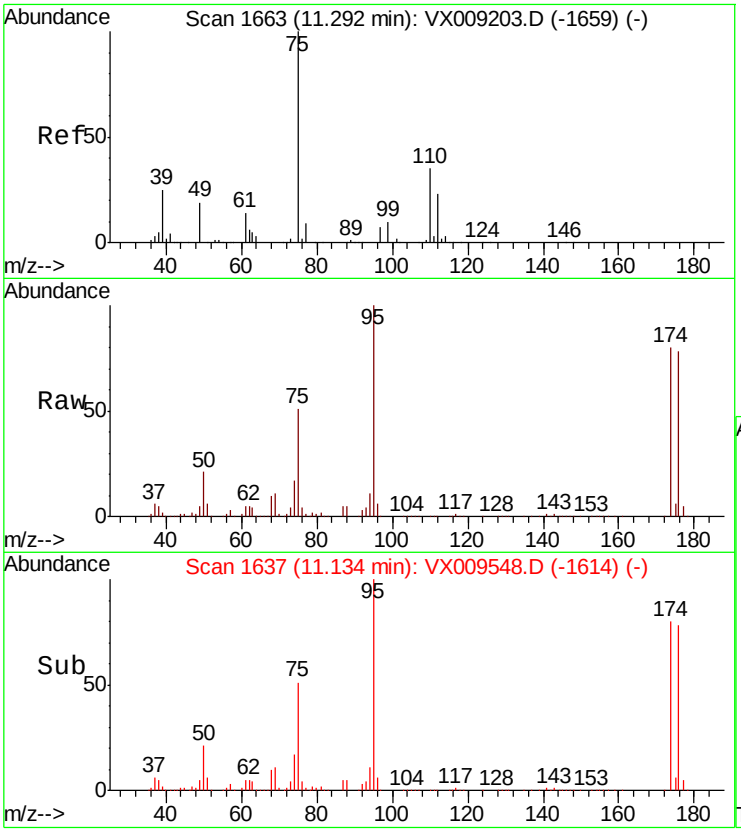


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:152 Resp: 114569

Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.2	123.6
150	155.9	0.0	346.4



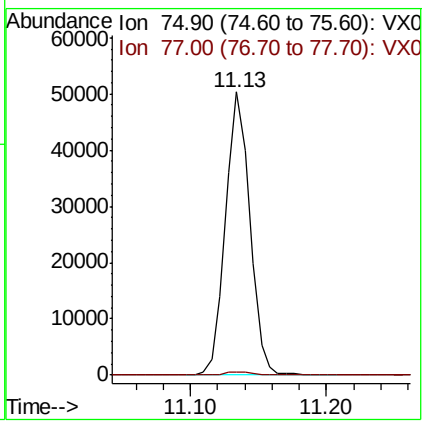


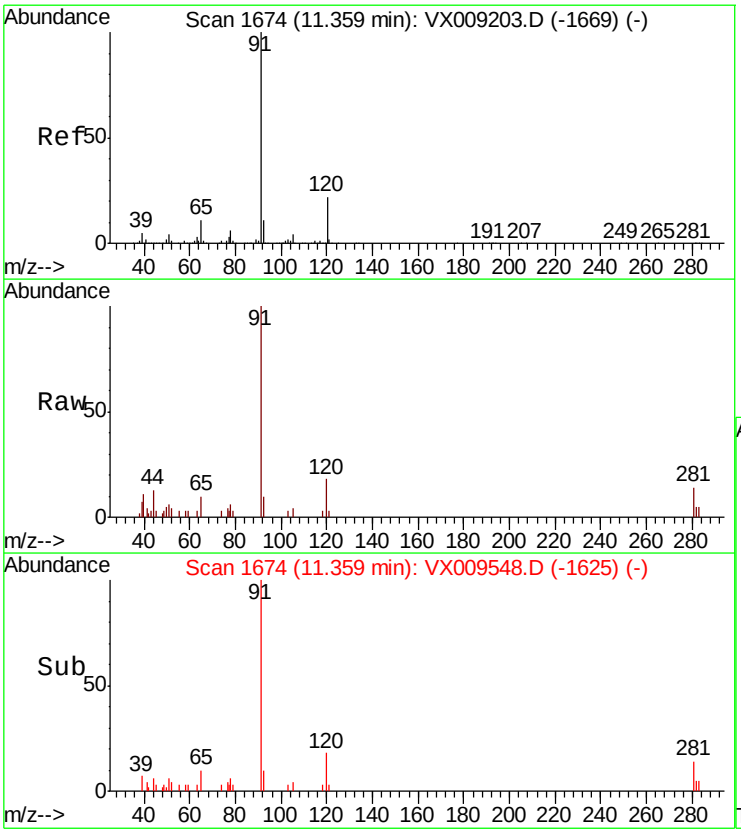
#76
1,2,3-Trichloropropane
Concen: 23.646 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument : MSVOA_X
ClientSampleId : KR-01_13-18

Tgt Ion: 75 Resp: 62840

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#

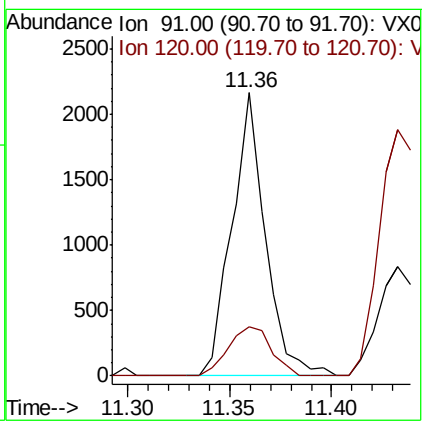


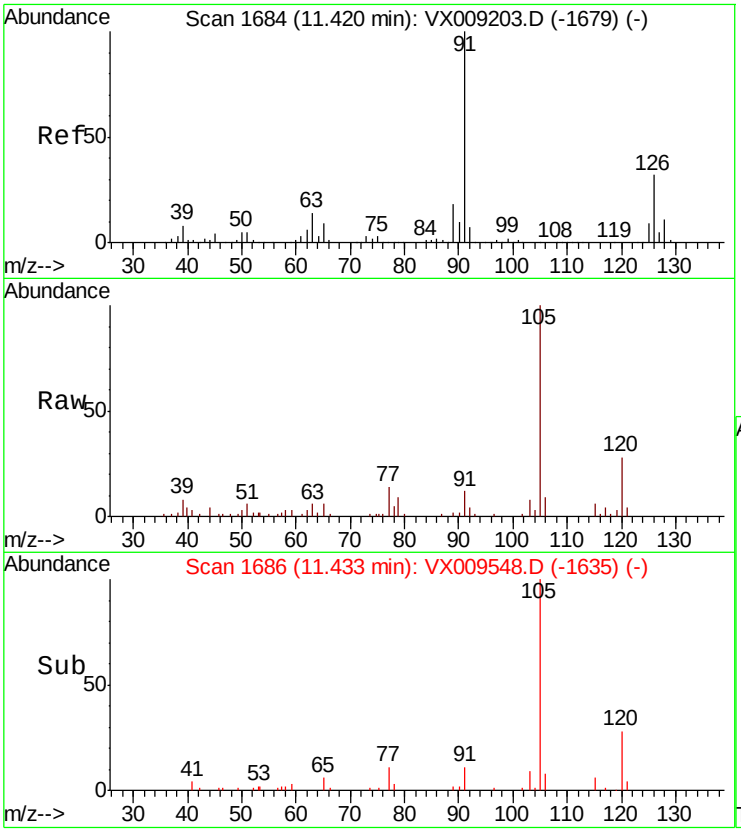


#78
n-propylbenzene
Concen: 0.258 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 91 Resp: 2455

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0



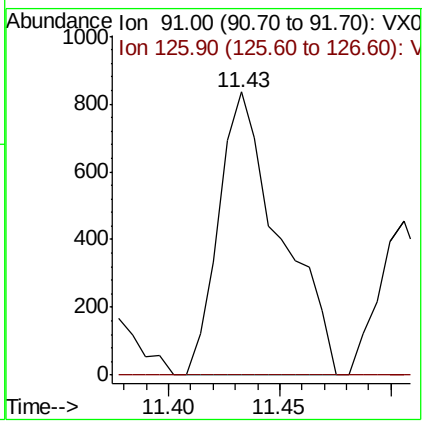


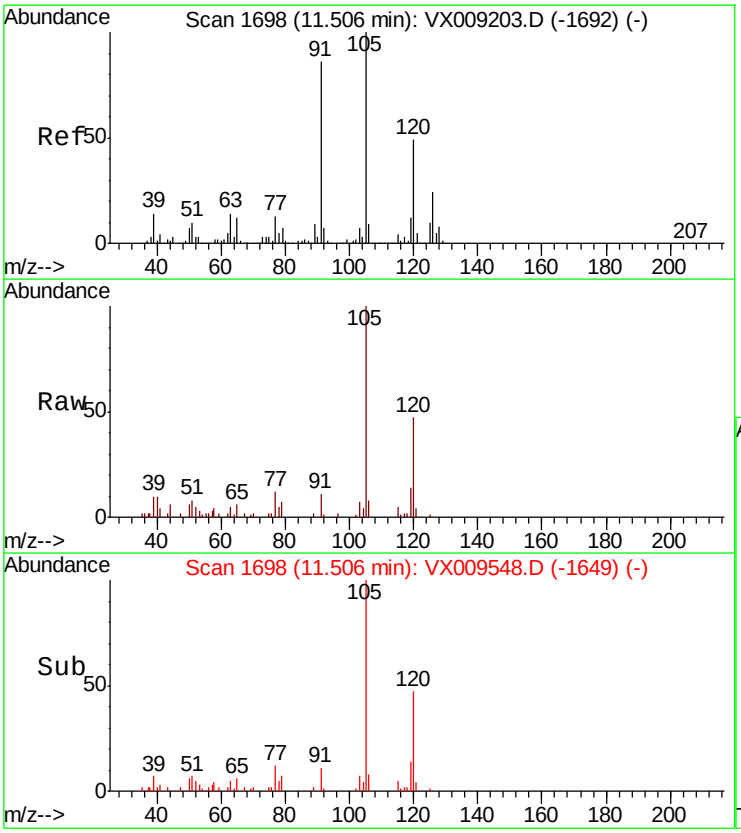
#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 91 Resp: 1599

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.9#

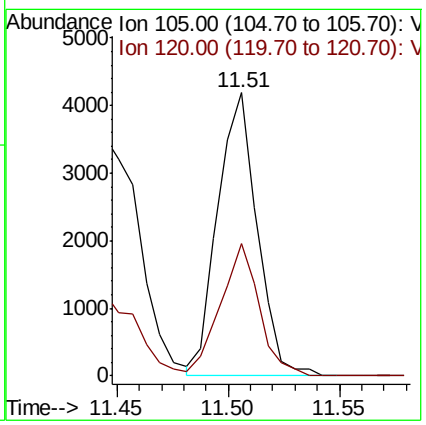


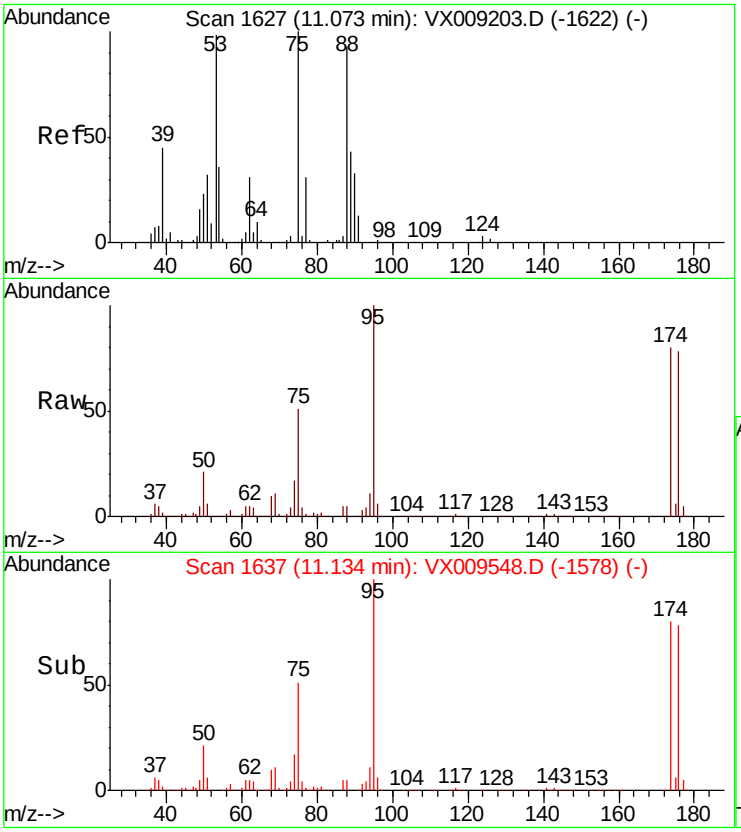


#80
1,3,5-Trimethylbenzene
Concen: 0.737 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:105 Resp: 5172

Ion	Ratio	Lower	Upper
105	100		
120	45.8	24.3	72.9



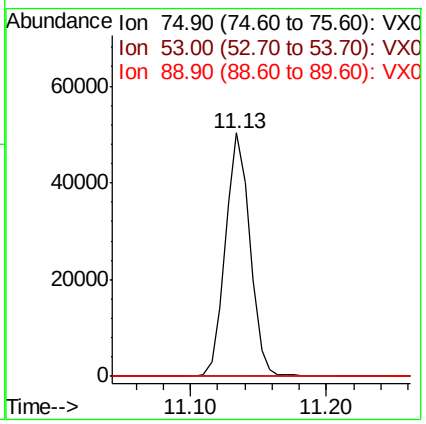


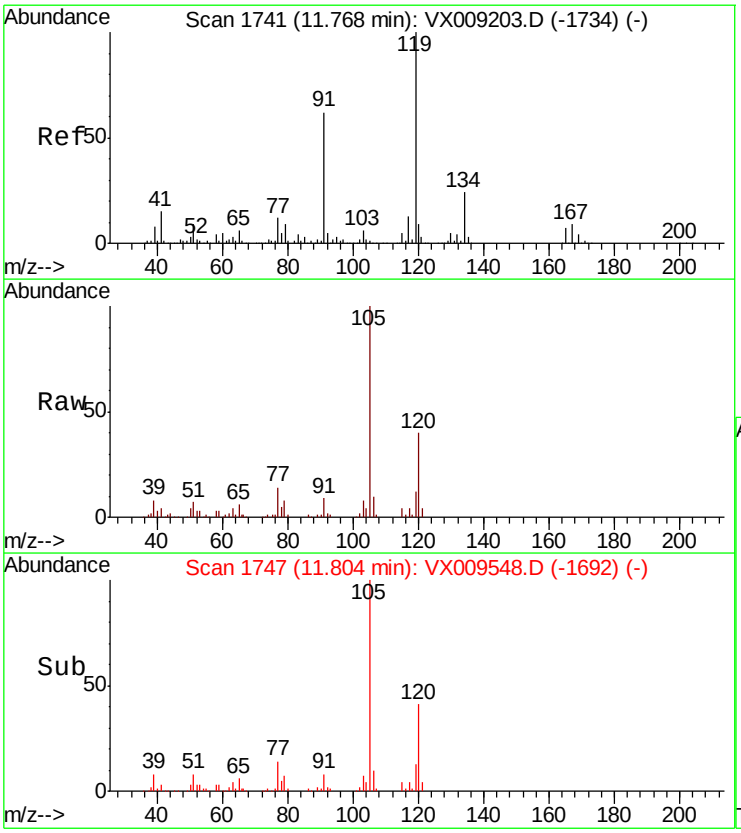
#81
trans-1,4-Dichloro-2-butene
Concen: 60.500 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion: 75 Resp: 62840

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.1	34.7	52.1#

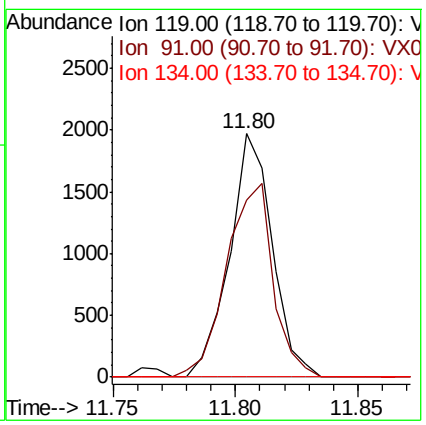


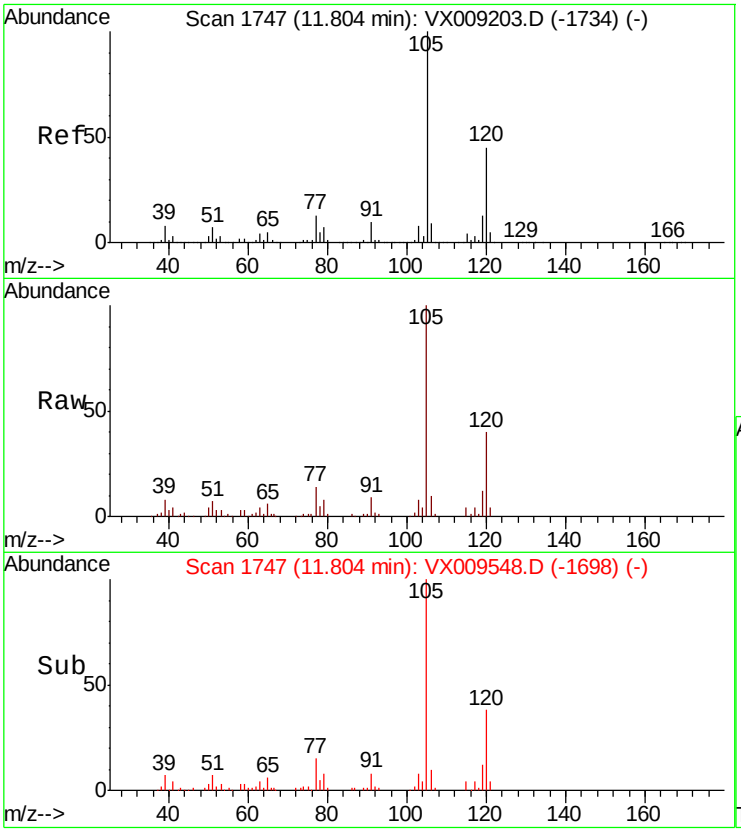


#83
tert-Butylbenzene
Concen: 0.352 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:119 Resp: 2400

Ion	Ratio	Lower	Upper
119	100		
91	86.5	29.5	88.5
134	0.0	11.4	34.1#



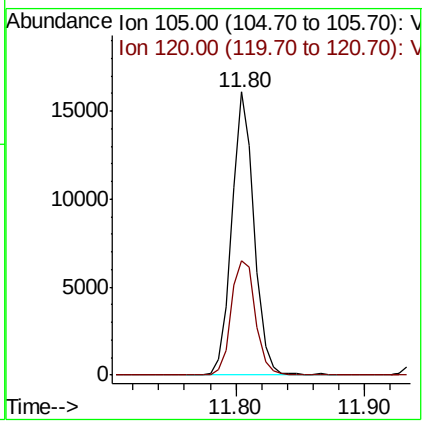


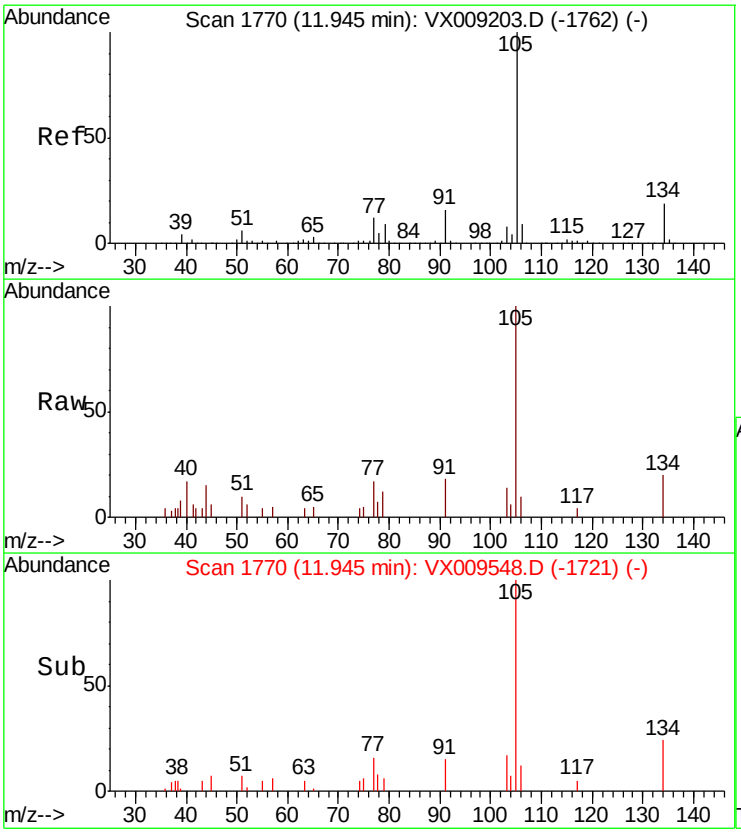
#84
1,2,4-Trimethylbenzene
Concen: 2.764 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:105 Resp: 19459

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.0	66.0

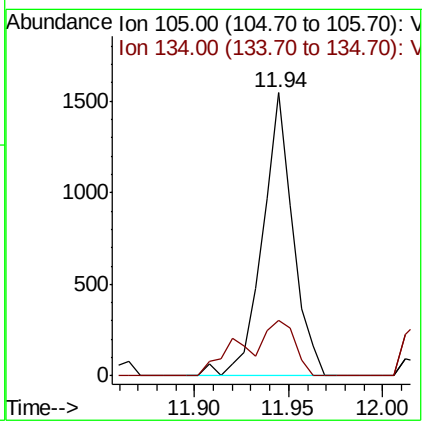


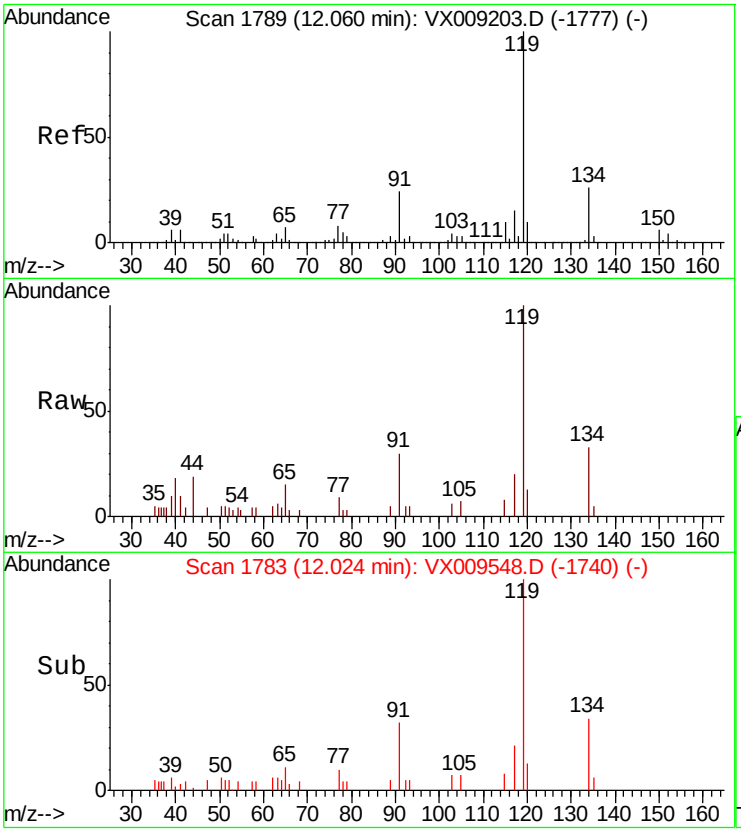


#85
sec-Butylbenzene
Concen: 0.213 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:105 Resp: 1721

Ion	Ratio	Lower	Upper
105	100		
134	32.9	9.7	28.9#



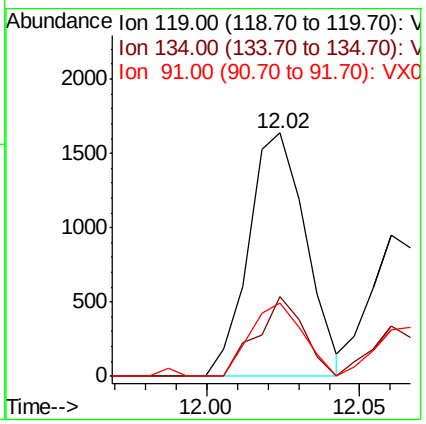


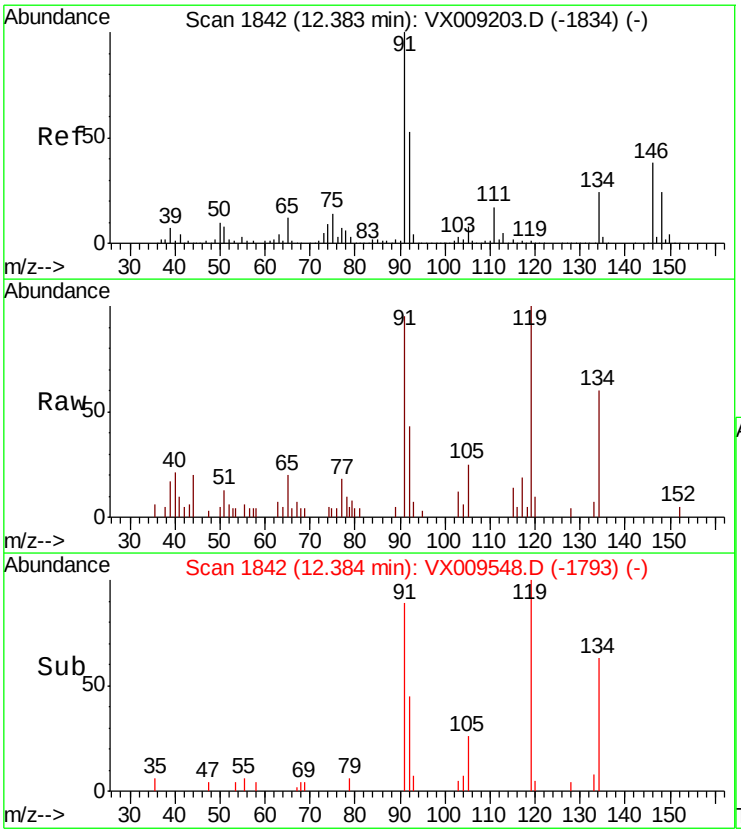
#86
p-Isopropyltoluene
Concen: 0.294 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument : MSVOA_X
ClientSampleId : KR-01_13-18

Tgt Ion:119 Resp: 2140

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	27.4	11.8	35.4

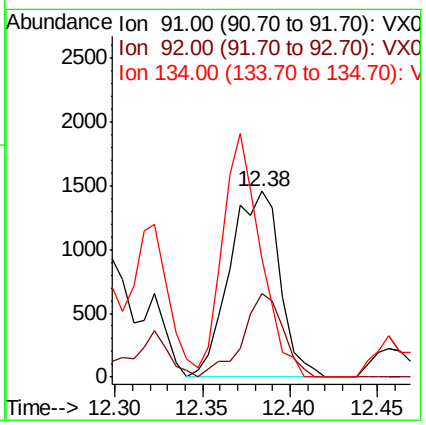


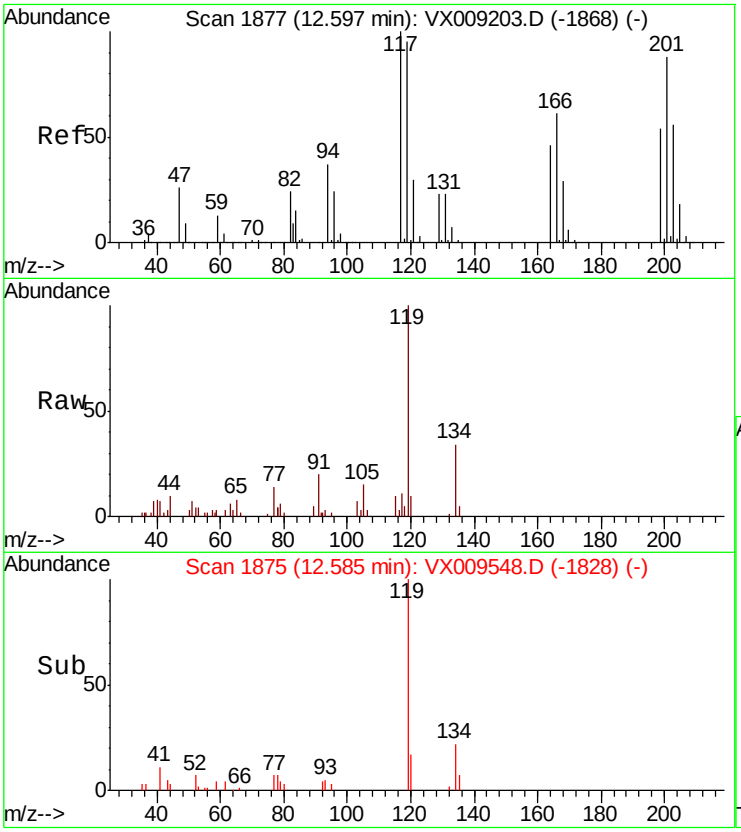


#89
n-Butylbenzene
Concen: 0.442 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion: 91 Resp: 2908

Ion	Ratio	Lower	Upper
91	100		
92	36.2	26.5	79.5
134	99.0	12.4	37.2#



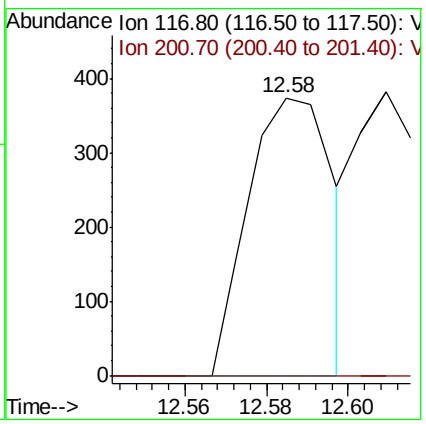


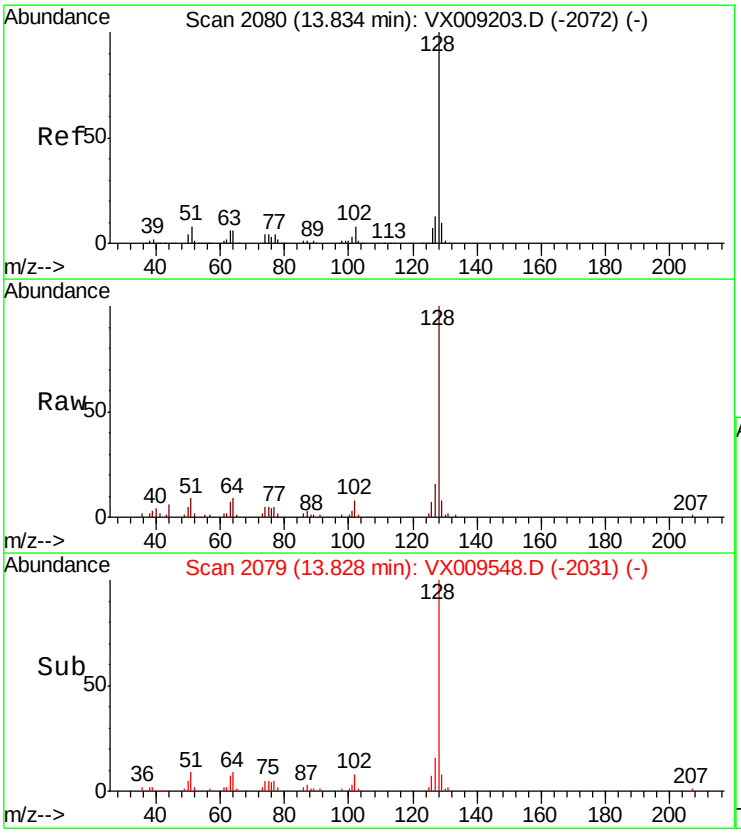
#90
Hexachloroethane
Concen: 0.436 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
KR-01_13-18

Tgt Ion:117 Resp: 540

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#





#95
Naphthalene
Concen: 0.859 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009548.D
Acq: 13 May 2019 17:04

Tgt Ion:128 Resp: 7174

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	13.3	8.6	13.0#