Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009864.D
Acq On : 23 May 2019 17:28
Operator : JC/SP
Sample : K2976-03DL 250X
Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-SB-E3-4R(14-17)DL

Quant Time: May 24 03:52:52 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

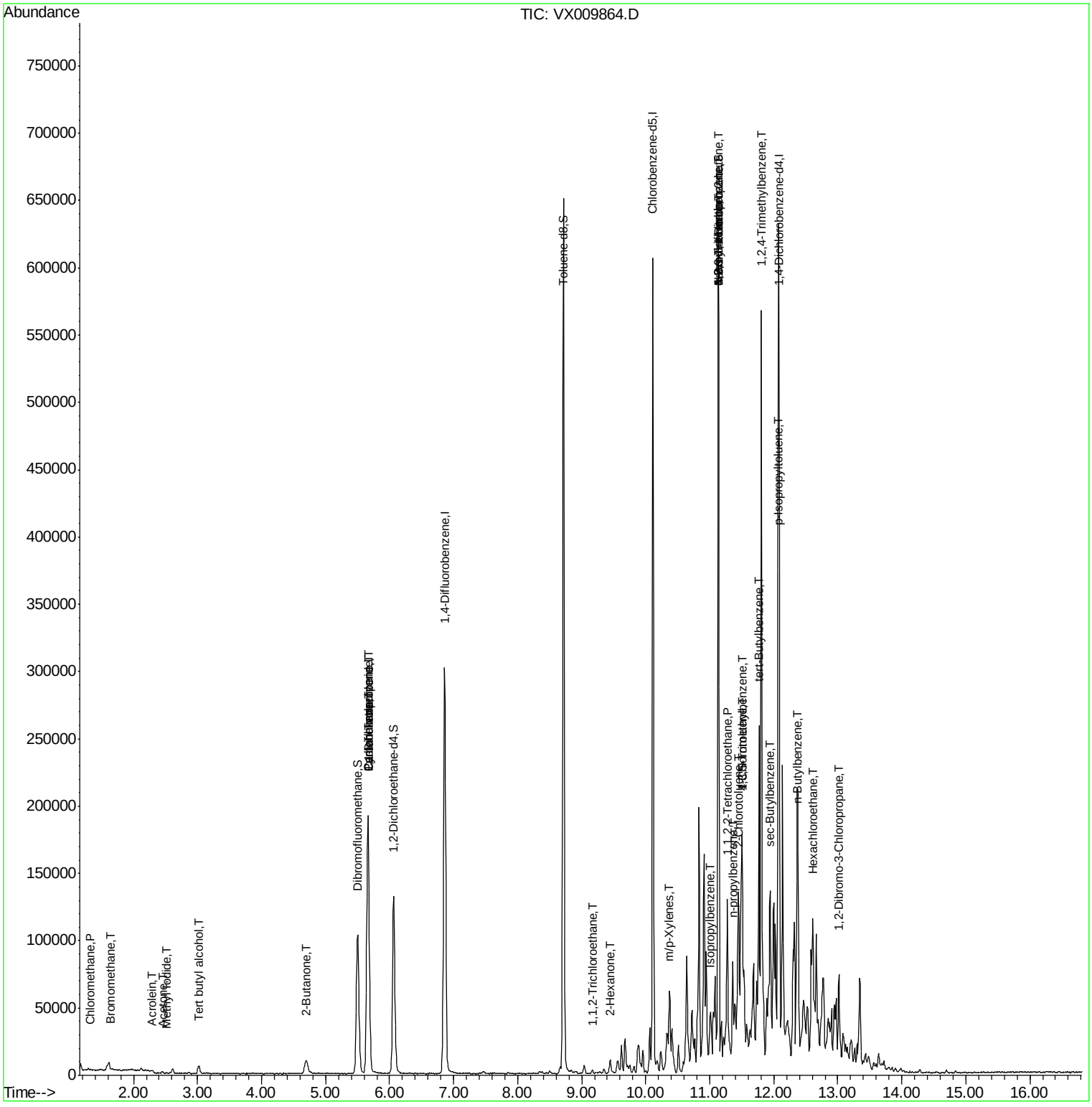
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125651	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
35) Dibromofluoromethane	5.50	113	88826	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	8.71	98	372903	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.04%			
62) 4-Bromofluorobenzene	11.13	95	131755	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	560	0.243	ug/l #	85
5) Bromomethane	1.64	94	409	0.303	ug/l	85
10) Methyl Iodide	2.51	142	234	4.701	ug/l #	62
11) Tert butyl alcohol	3.02	59	3847	6.649	ug/l #	76
13) Acrolein	2.29	56	167	0.319	ug/l	86
16) Acetone	2.45	43	1559	1.162	ug/l	99
25) 2-Butanone	4.69	43	1273	0.610	ug/l #	53
28) Bromochloromethane	5.03	49	78	Below Cal	#	20
31) Cyclohexane	5.66	56	4272	1.156	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14670	5.374	ug/l #	51
38) Carbon Tetrachloride	5.66	117	17970	7.245	ug/l #	16
55) 1,1,2-Trichloroethane	9.17	97	815	0.389	ug/l #	26
59) 2-Hexanone	9.44	43	3587	1.149	ug/l #	36
68) m/p-Xylenes	10.36	106	2516	0.704	ug/l	90
73) Isopropylbenzene	11.02	105	13294	1.513	ug/l	97
74) N-amyl acetate	11.13	43	31061	6.065	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	6702	2.047	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	67883	24.226	ug/l #	34
78) n-propylbenzene	11.36	91	41298	4.117	ug/l	99
79) 2-Chlorotoluene	11.45	91	6906	1.116	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.51	105	58420	7.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	67883	61.984	ug/l #	12
82) 4-Chlorotoluene	11.51	91	6885	0.985	ug/l #	52
83) tert-Butylbenzene	11.77	119	3097	0.430	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	208839	28.129	ug/l	100
85) sec-Butylbenzene	11.94	105	24783	2.905	ug/l	99
86) p-Isopropyltoluene	12.06	119	21205	2.765	ug/l	98
89) n-Butylbenzene	12.38	91	33132	4.780	ug/l #	52
90) Hexachloroethane	12.61	117	2487	1.904	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	258	0.351	ug/l #	2

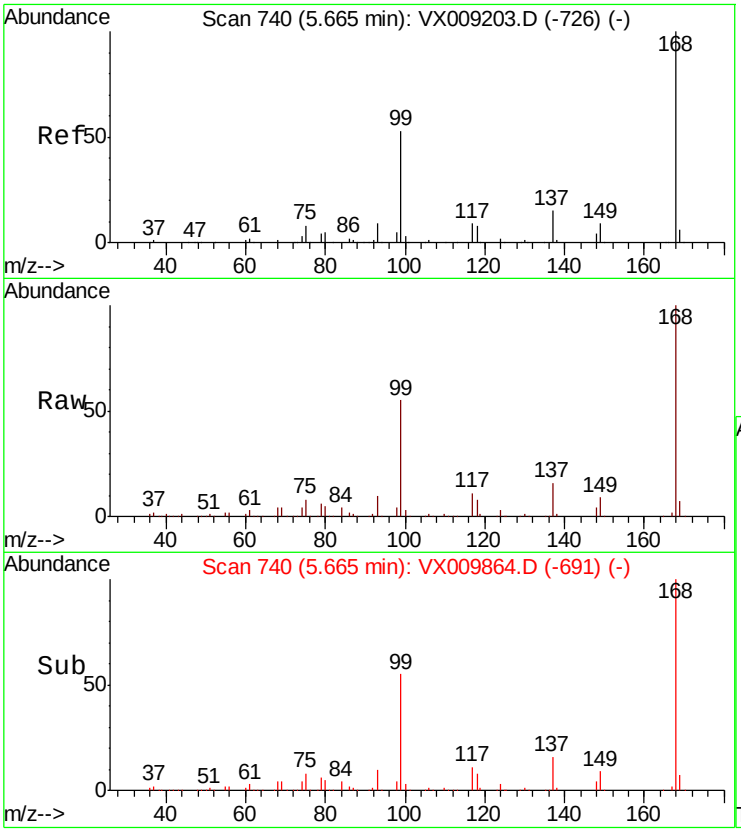
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009864.D
Acq On : 23 May 2019 17:28
Operator : JC/SP
Sample : K2976-03DL 250X
Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Quant Time: May 24 03:52:52 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



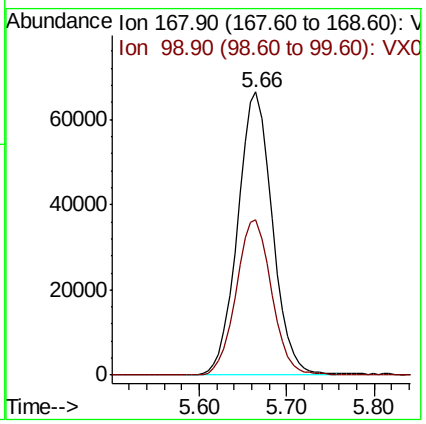


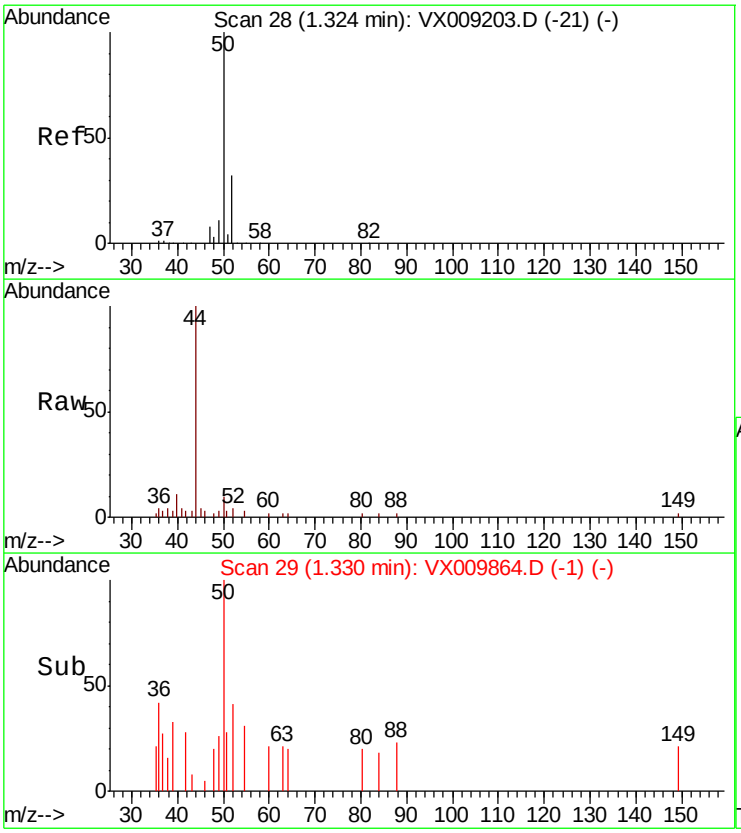
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:168 Resp: 183094

Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.3	63.5

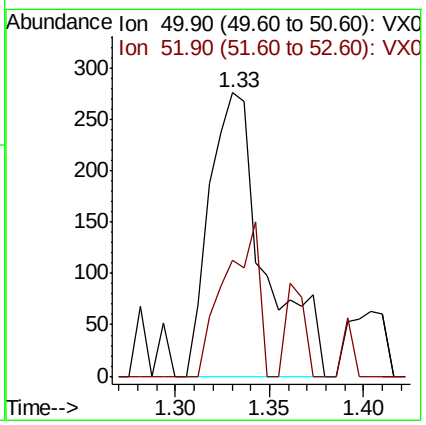


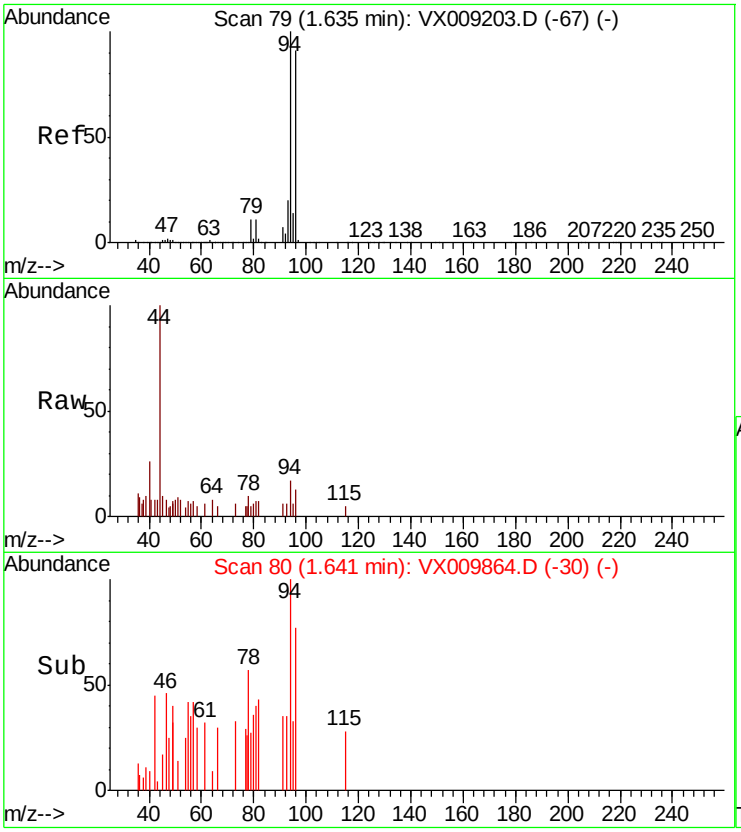


#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 50 Resp: 560

Ion	Ratio	Lower	Upper
50	100		
52	40.9	25.9	38.9#



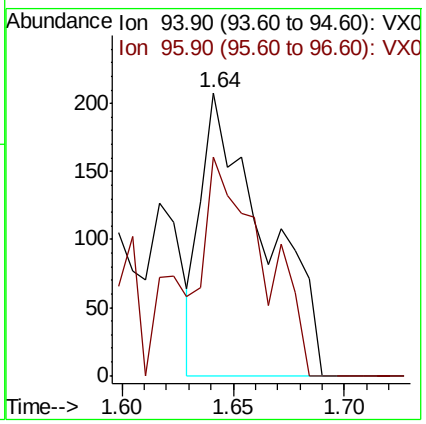


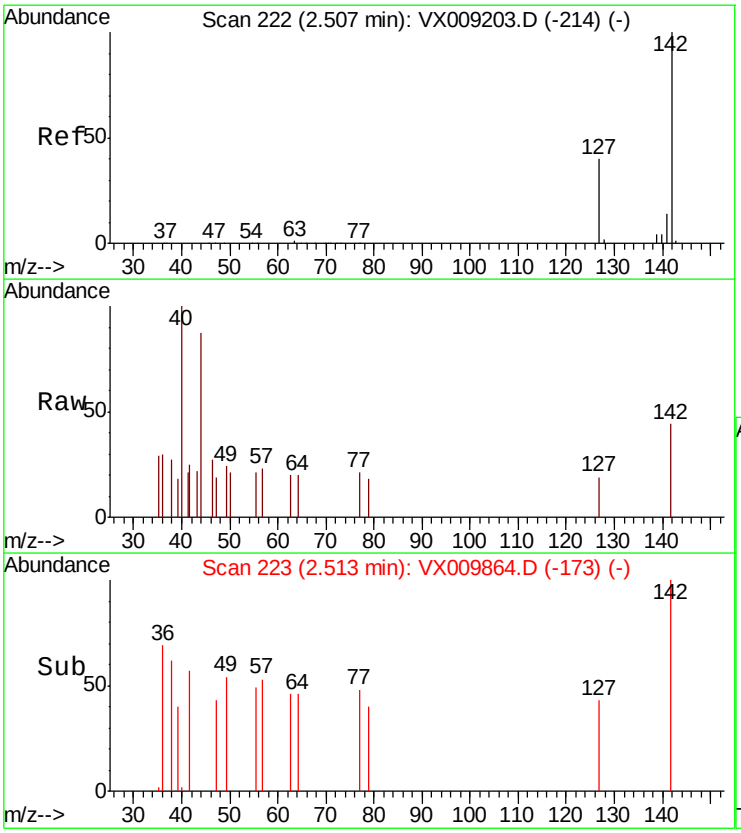
#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 94 Resp: 409

Ion	Ratio	Lower	Upper
94	100		
96	77.4	73.0	109.6

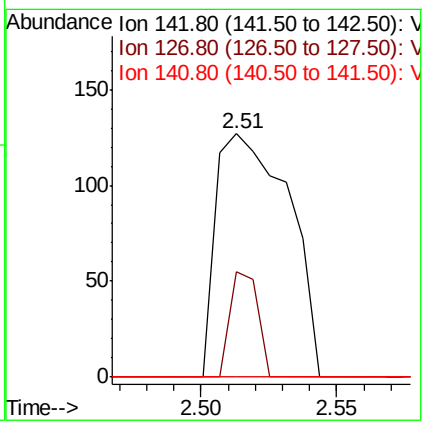


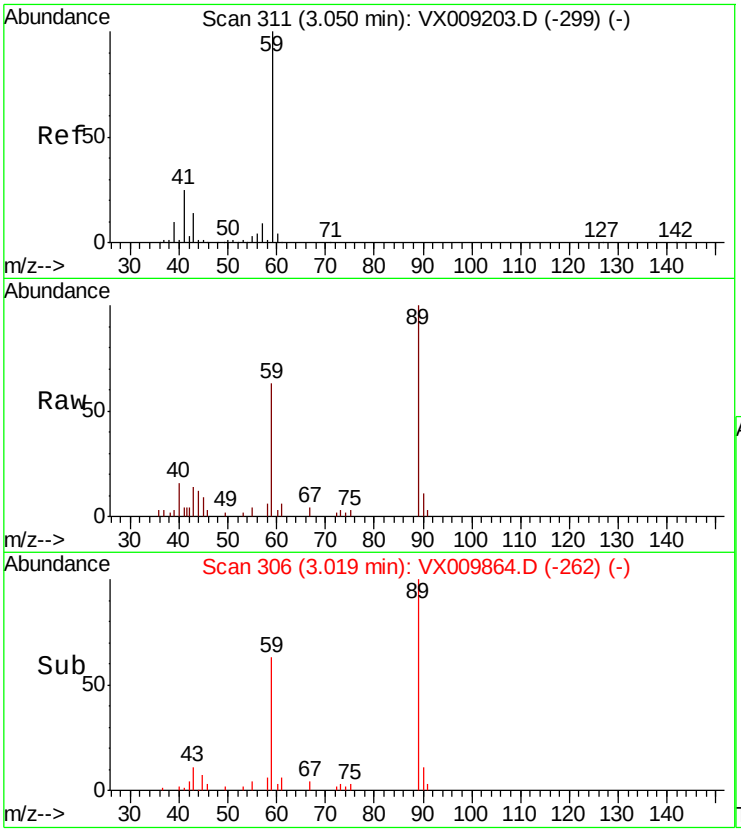


#10
Methyl Iodide
Concen: 4.701 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:142 Resp: 234

Ion	Ratio	Lower	Upper
142	100		
127	16.7	32.7	49.1#
141	0.0	11.5	17.3#



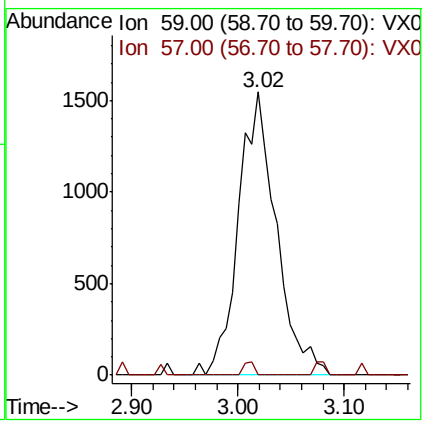


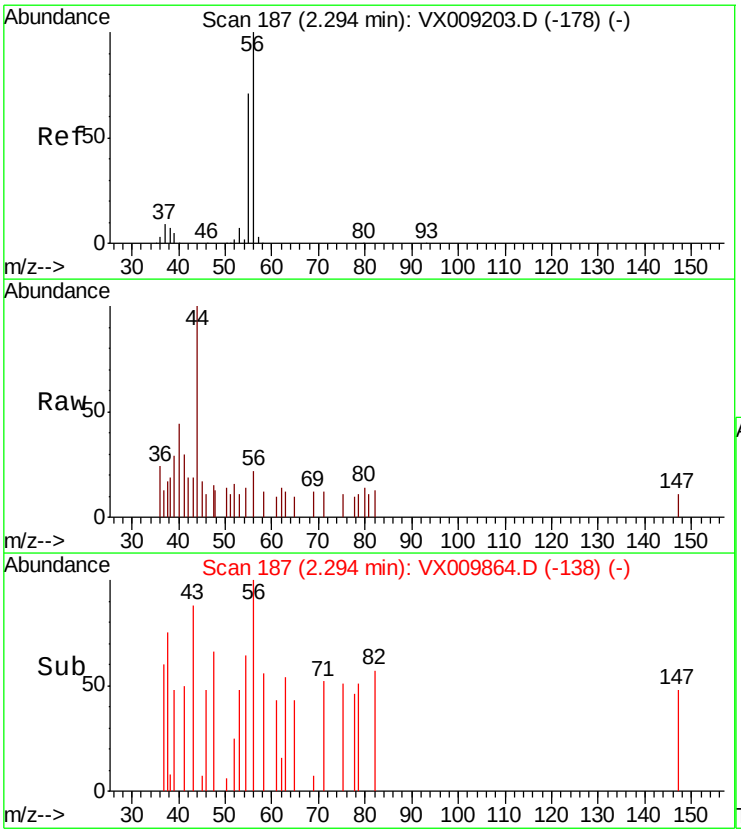
#11
Tert butyl alcohol
Concen: 6.649 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 59 Resp: 3847

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.2	12.2#

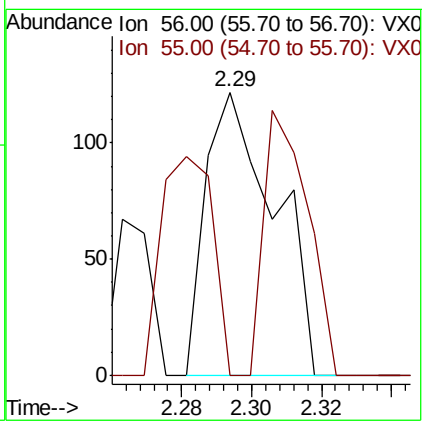


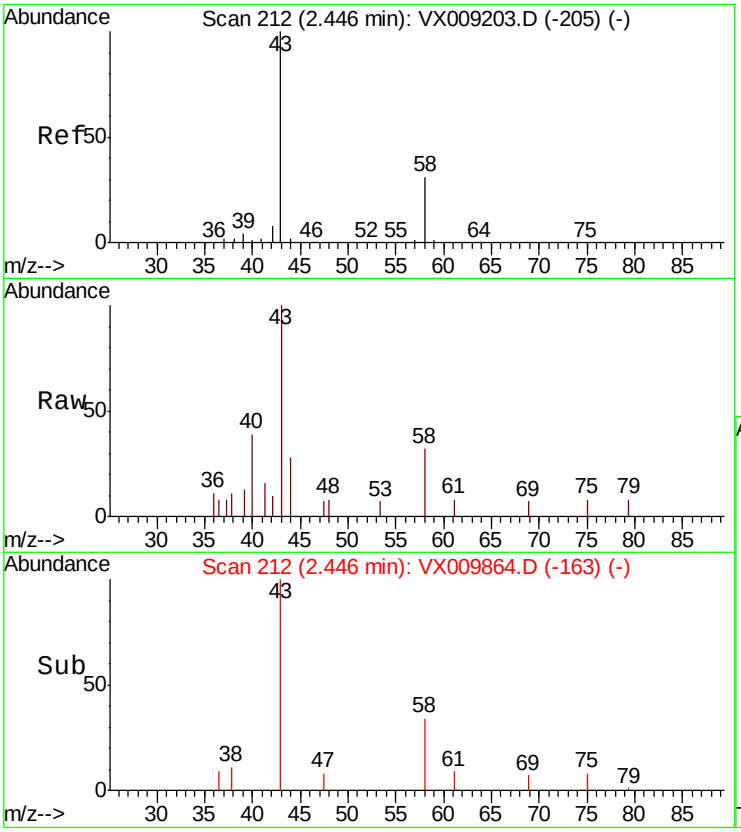


#13
Acrolein
Concen: 0.319 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 56 Resp: 167

Ion	Ratio	Lower	Upper
56	100		
55	59.3	56.6	85.0



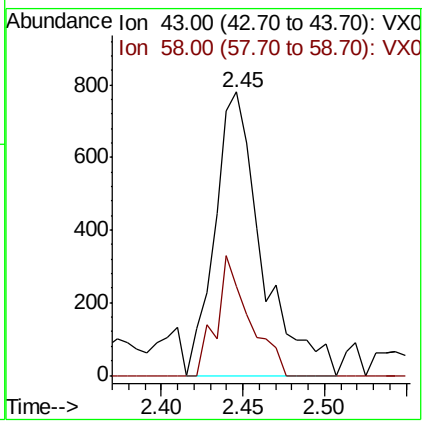


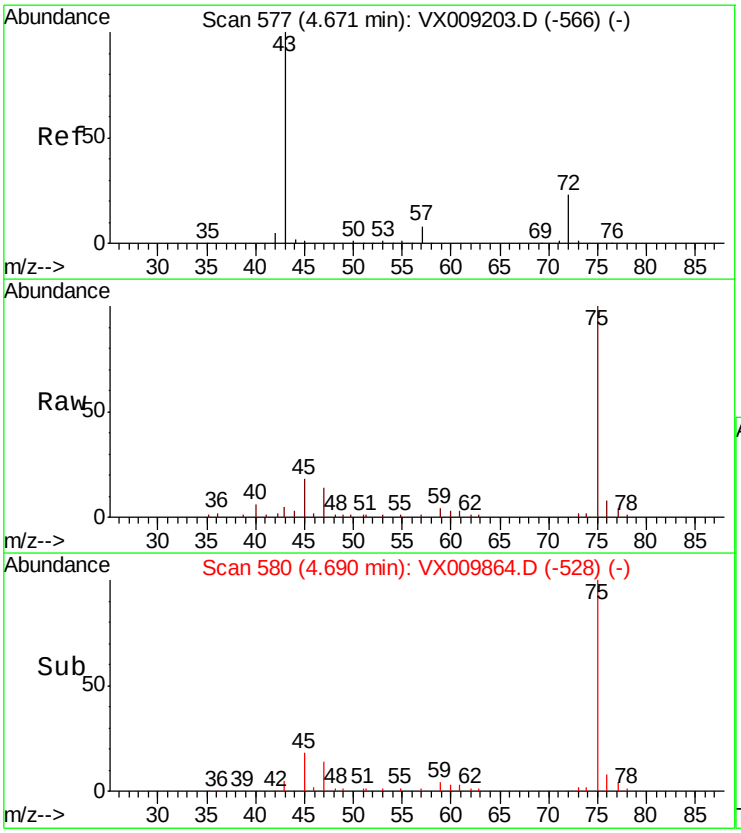
#16
Acetone
Concen: 1.162 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 43 Resp: 1559

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.9	37.3

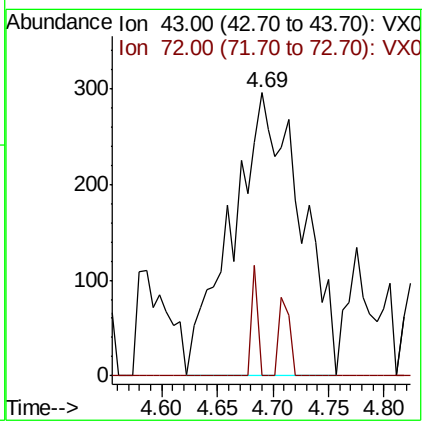


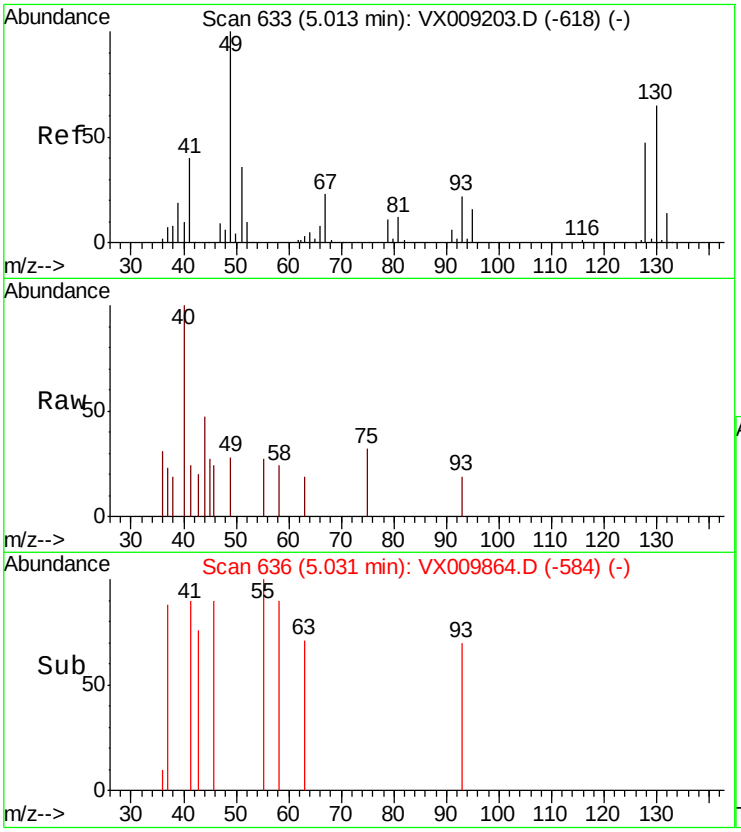


#25
2-Butanone
Concen: 0.610 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 43 Resp: 1273

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



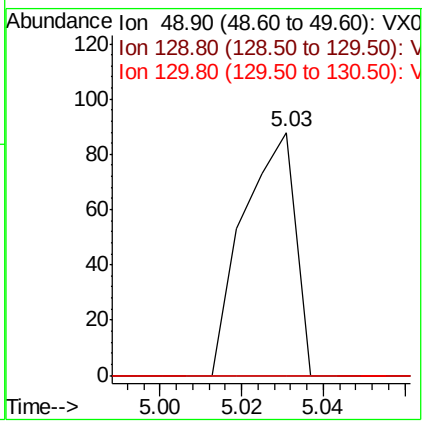


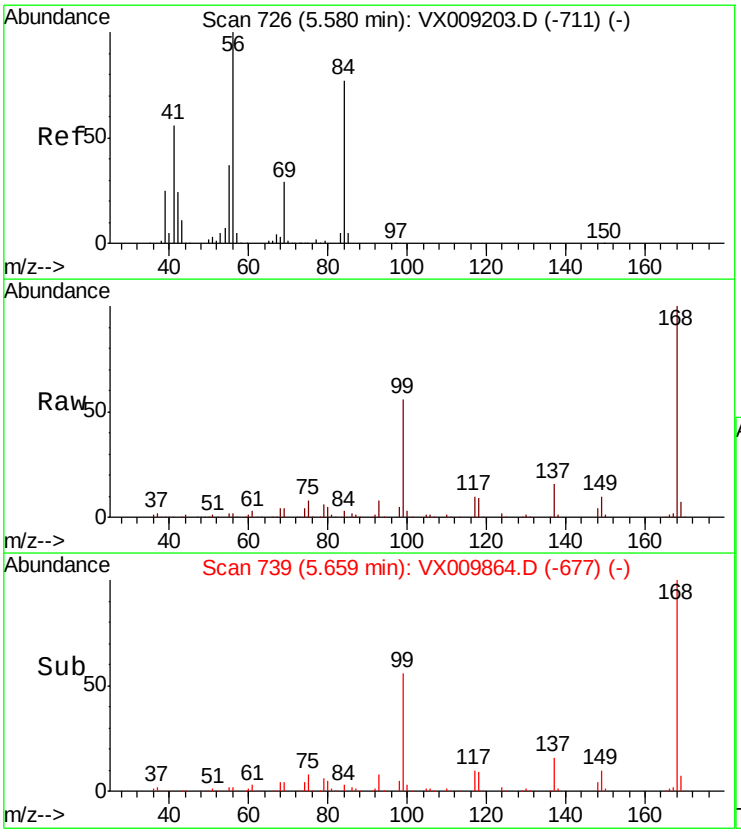
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.02 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 49 Resp: 78

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

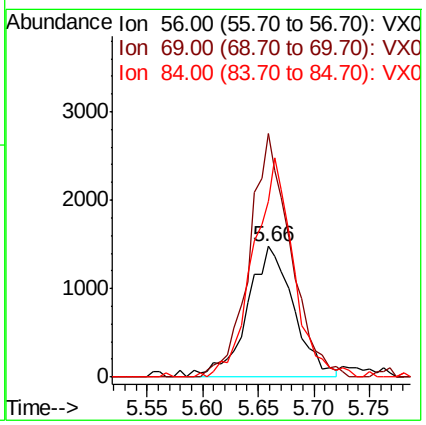


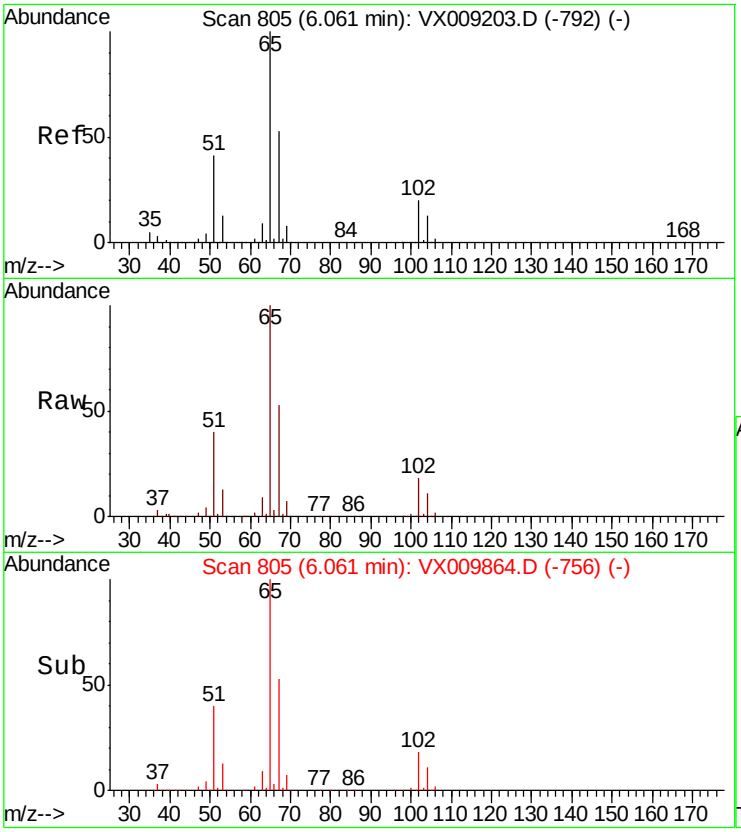


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 56 Resp: 4272

Ion	Ratio	Lower	Upper
56	100		
69	186.7	23.4	35.0#
84	134.7	61.9	92.9#



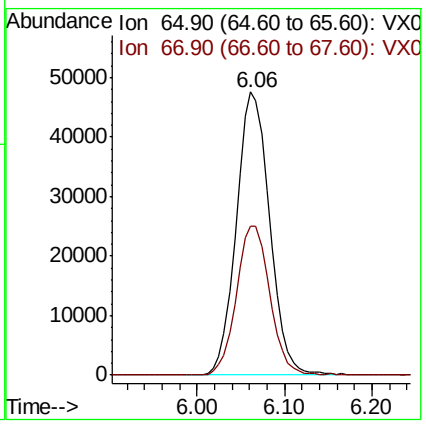


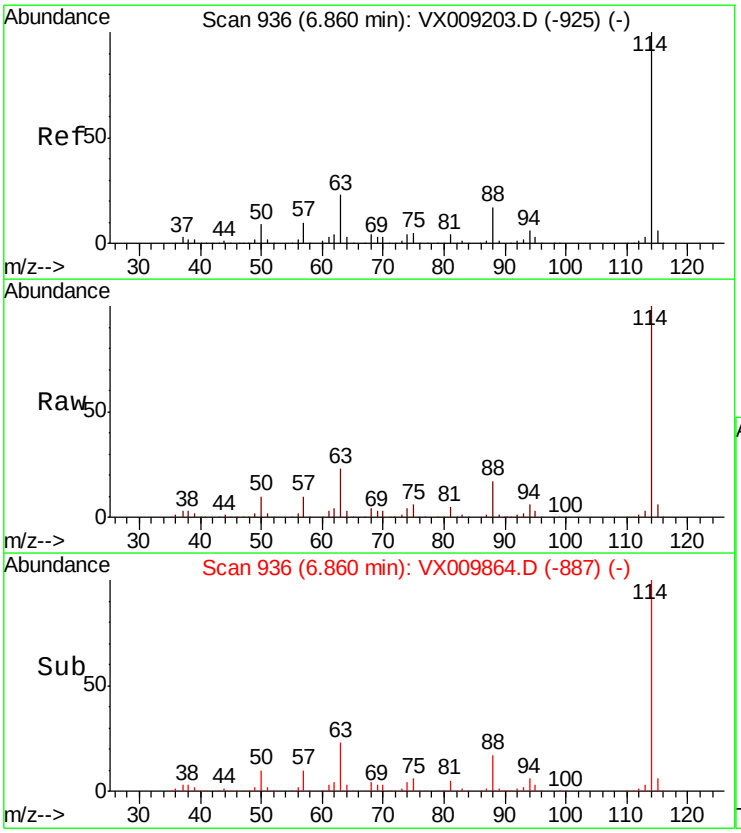
#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument : MSVOA_X
ClientSampleId : EP1-SB-E3-4R(14-17)DL

Tgt Ion: 65 Resp: 125651

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6

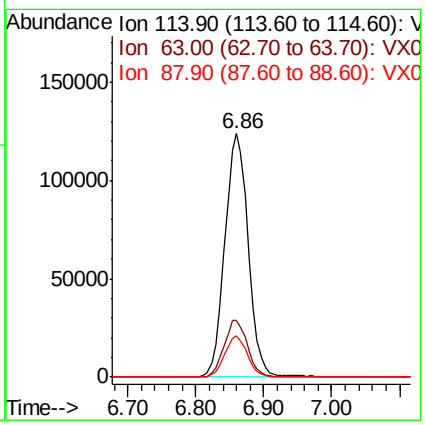


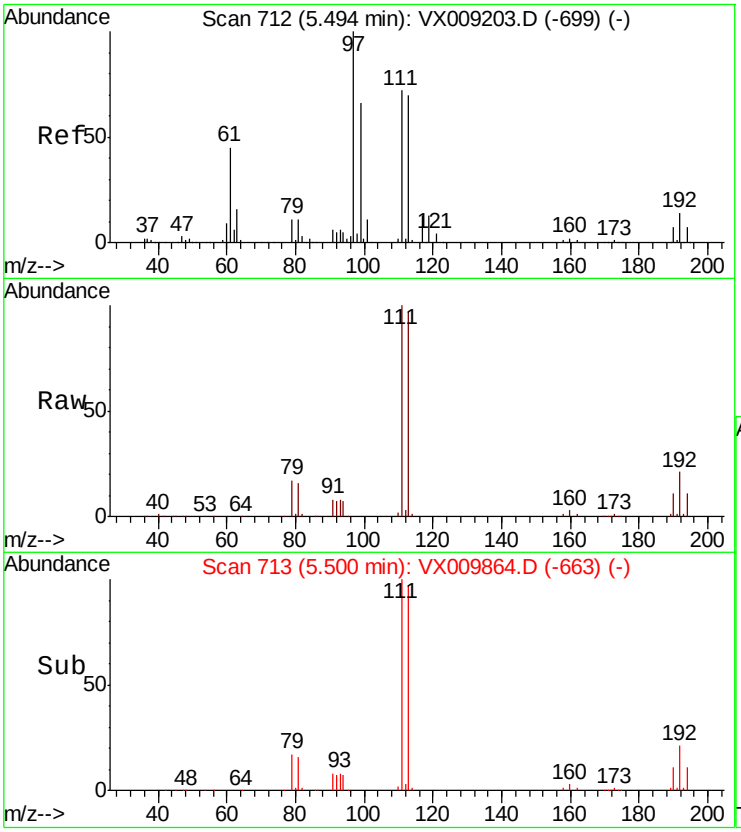


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:114 Resp: 293742

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	17.1	0.0	33.2



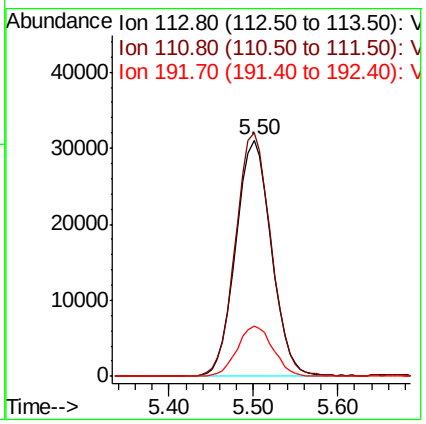


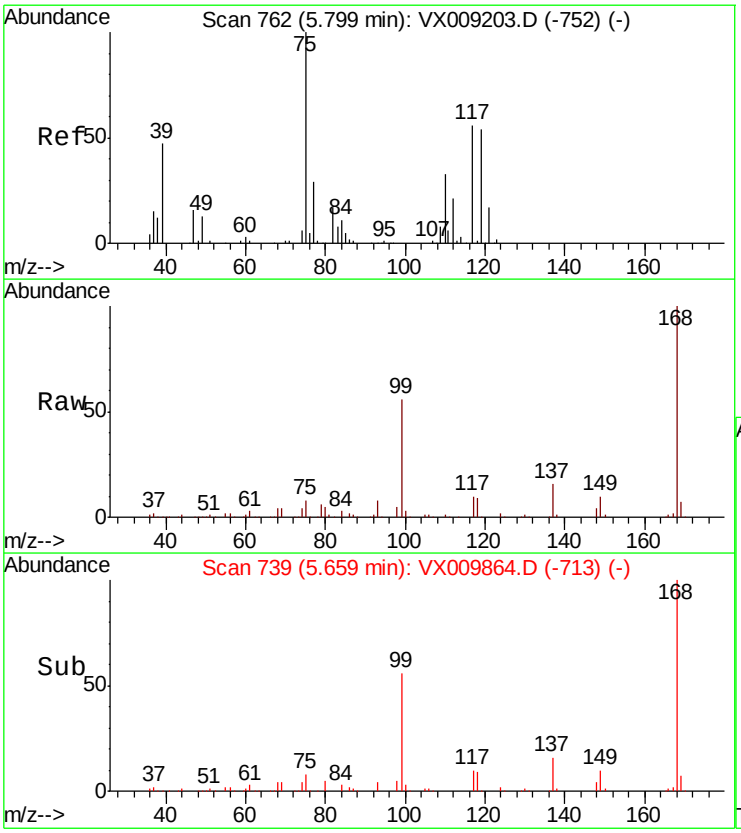
#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:113 Resp: 88826

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	21.5	17.0	25.6

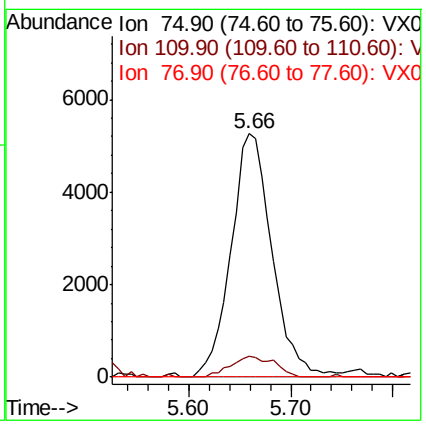


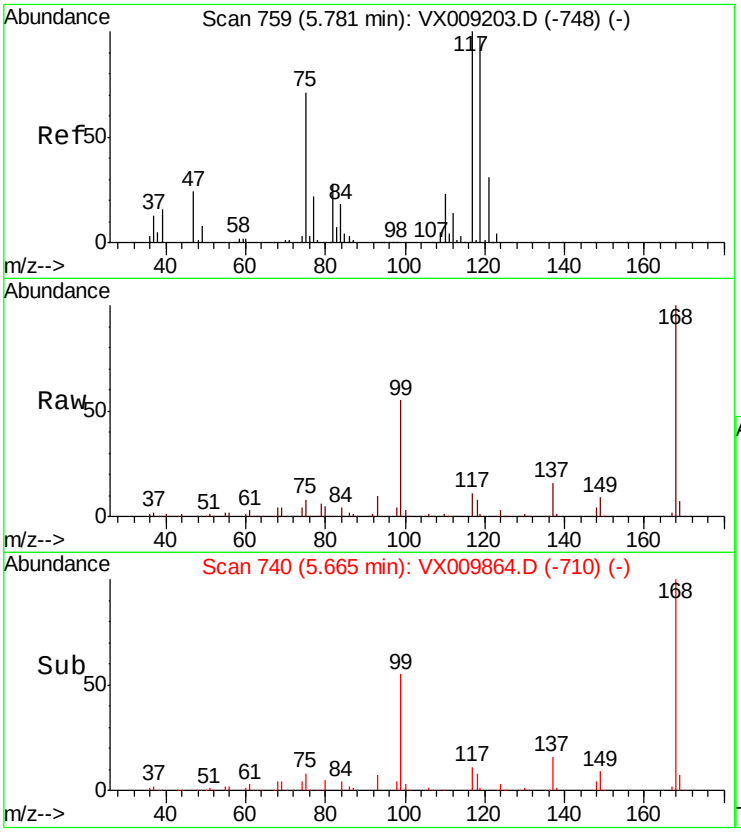


#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 75 Resp: 14670

Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.9	50.6#
77	0.0	24.8	37.2#



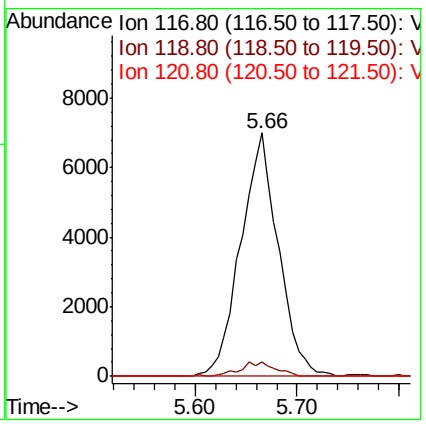


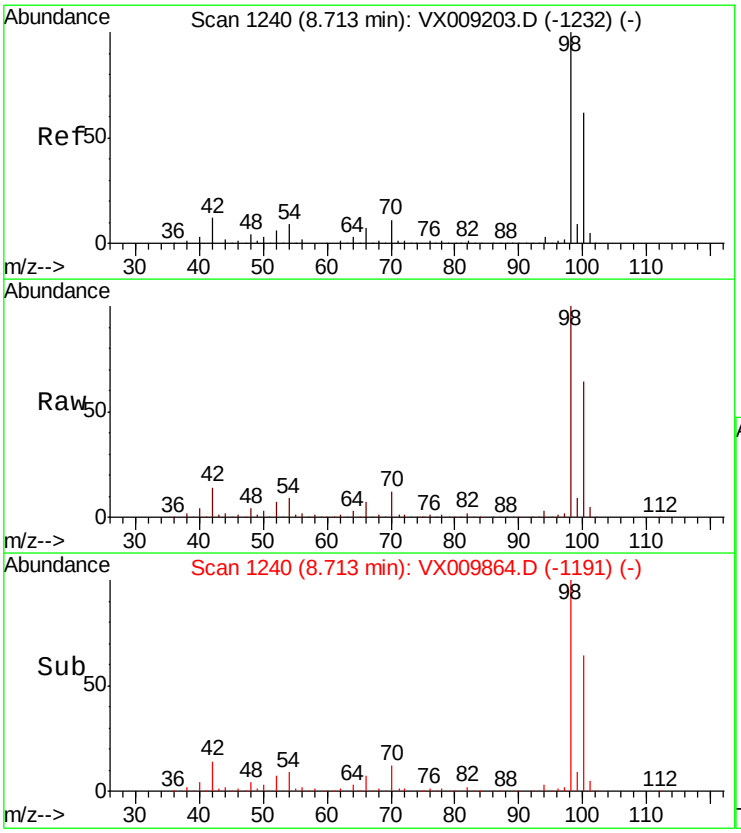
#38
Carbon Tetrachloride
Concen: 7.245 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:117 Resp: 17970

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.5	116.3#
121	0.0	24.7	37.1#

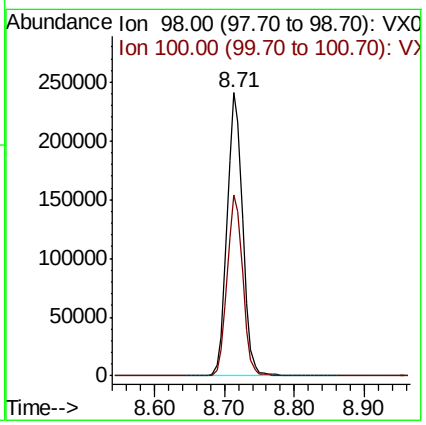


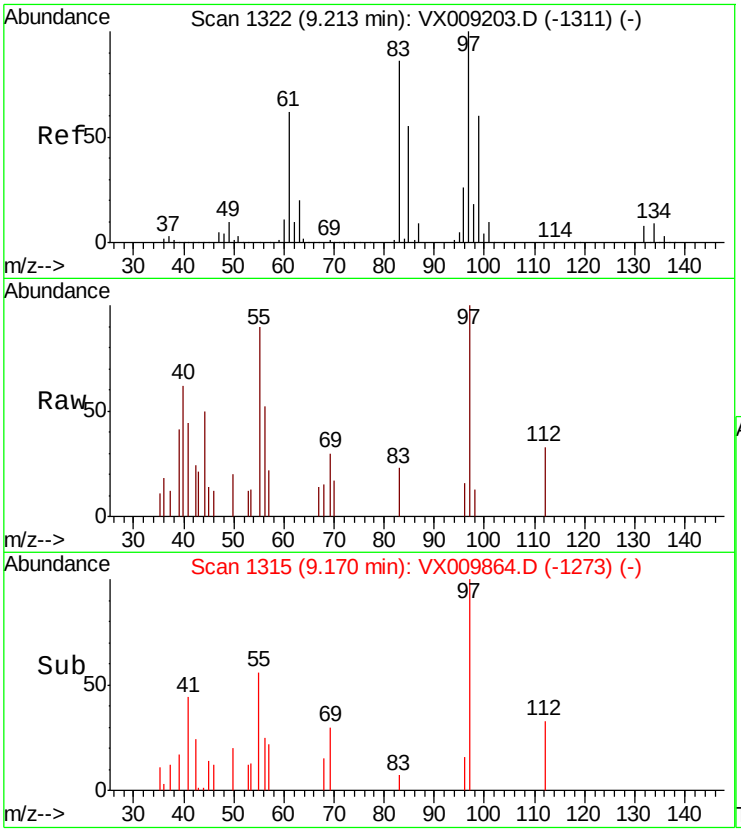


#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 98 Resp: 372903

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8



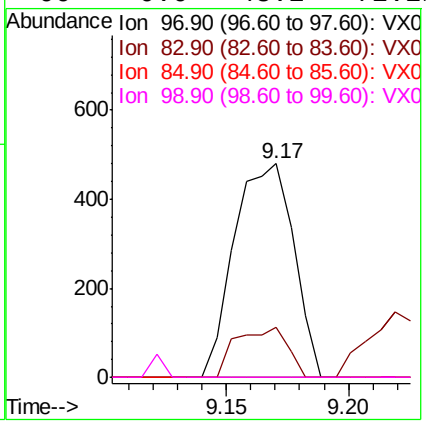


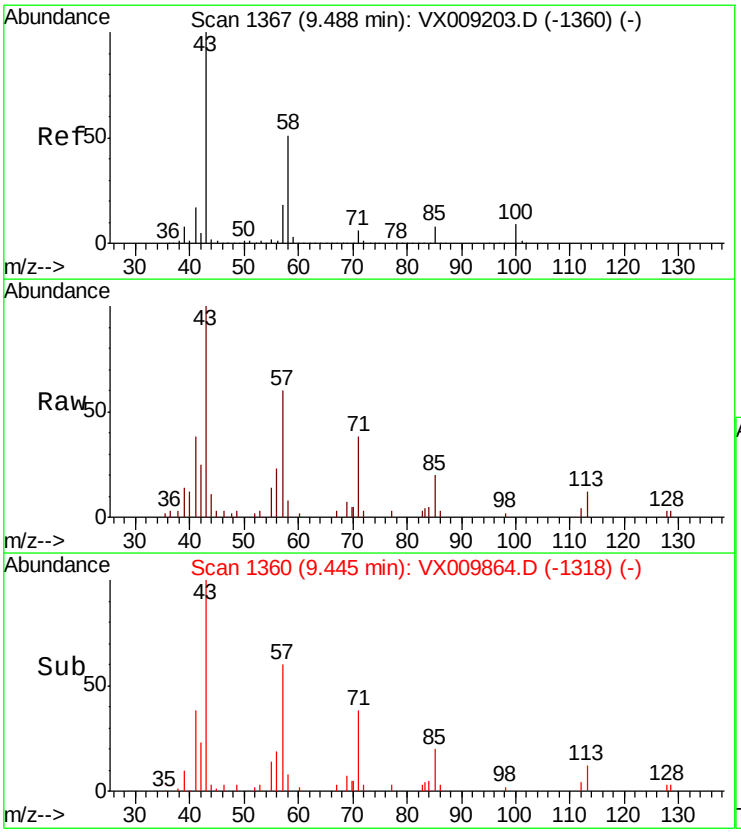
#55
1,1,2-Trichloroethane
Concen: 0.389 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.04 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 97 Resp: 815

Ion	Ratio	Lower	Upper
97	100		
83	23.3	68.9	103.3#
85	0.0	43.8	65.6#
99	0.0	48.2	72.2#

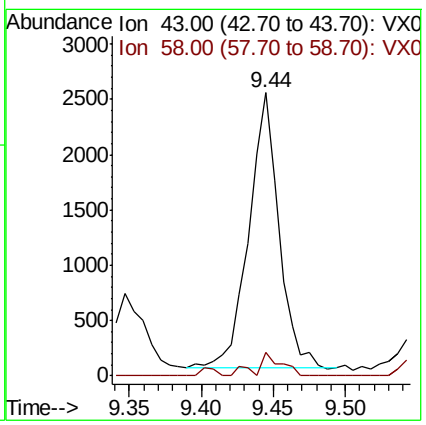


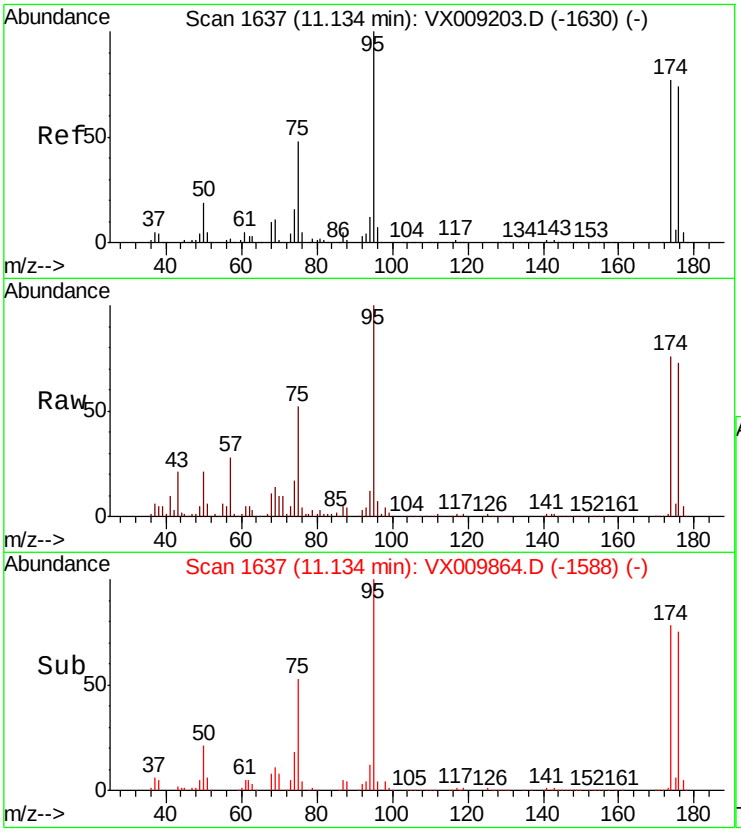


#59
2-Hexanone
Concen: 1.149 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 43 Resp: 3587

Ion	Ratio	Lower	Upper
43	100		
58	6.9	25.9	77.7#



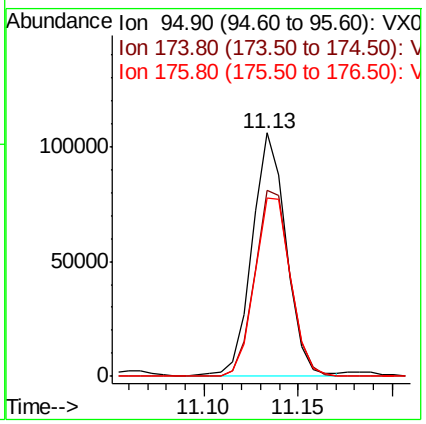


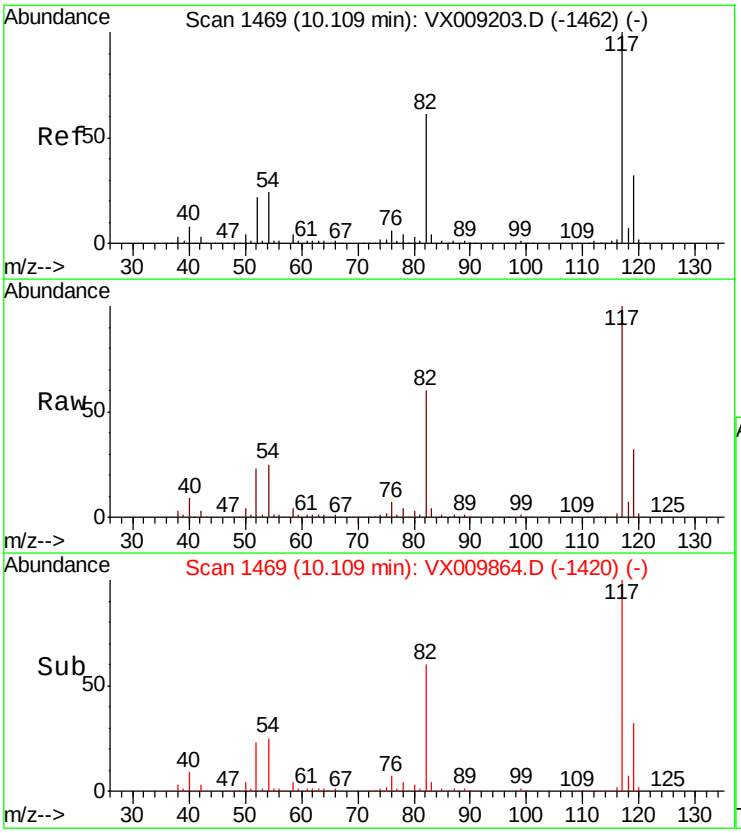
#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 95 Resp: 131755

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.6
176	78.3	0.0	159.2

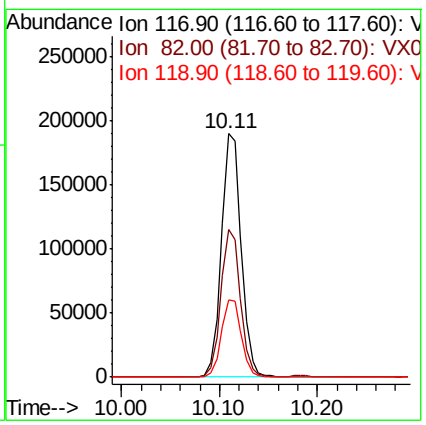


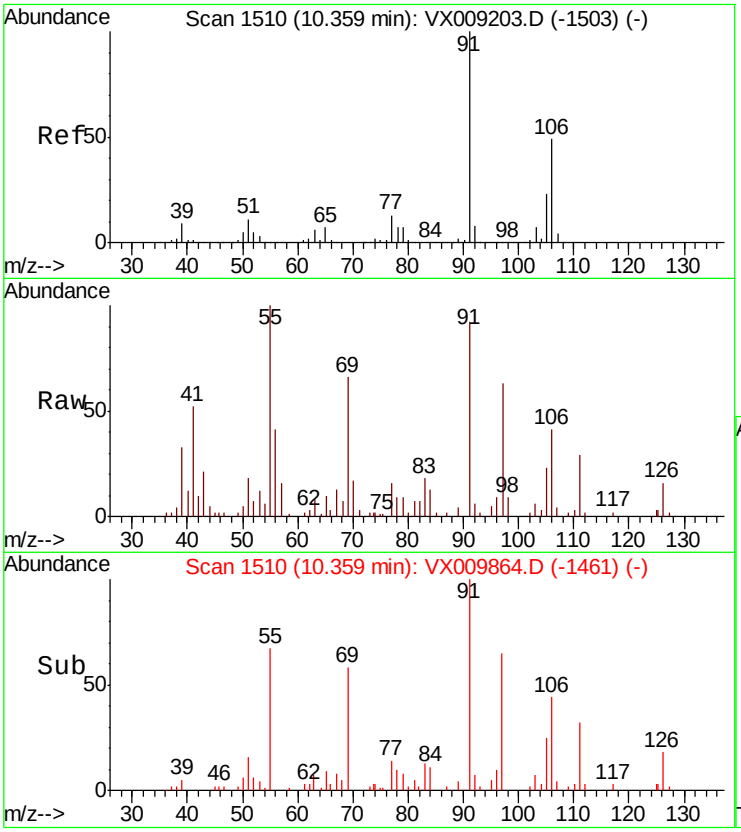


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:117 Resp: 265764

Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.8	73.2
119	31.9	25.8	38.6



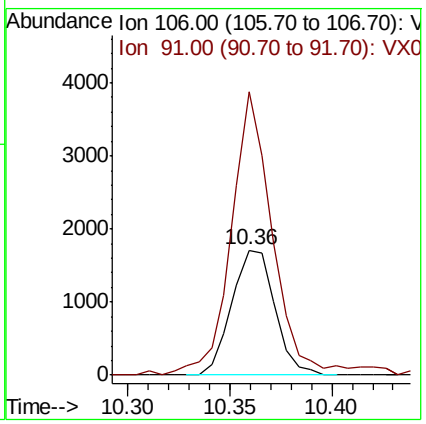


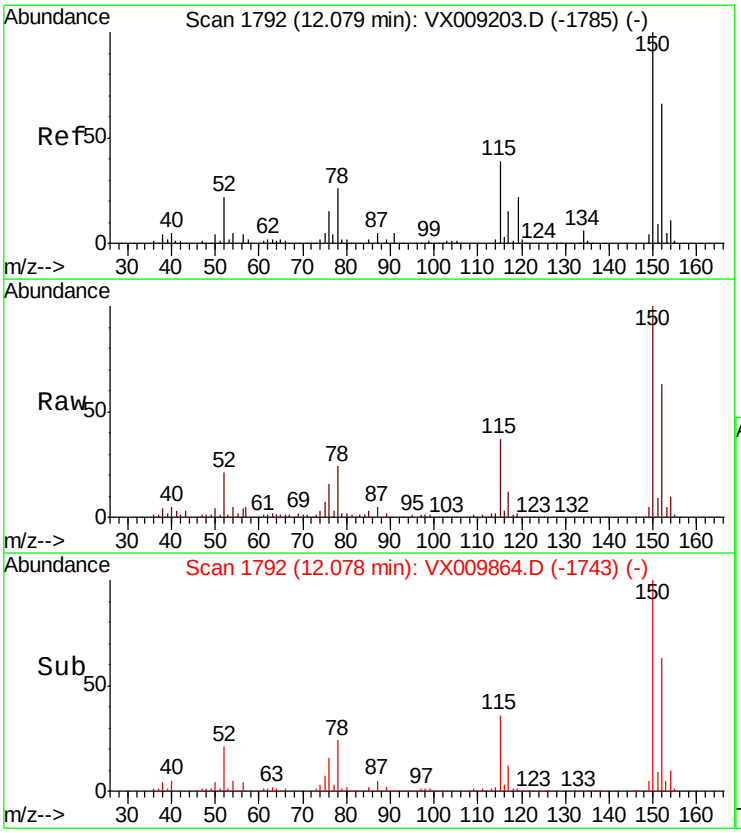
#68
m/p-Xylenes
Concen: 0.704 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:106 Resp: 2516

Ion	Ratio	Lower	Upper
106	100		
91	220.1	164.0	246.0

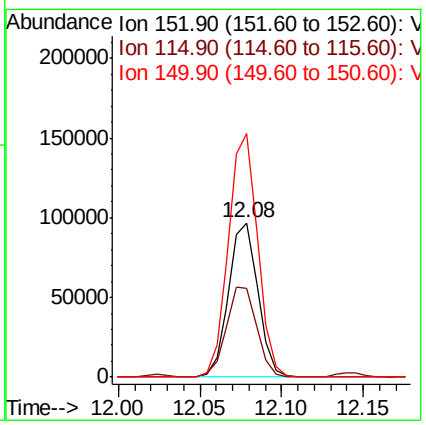


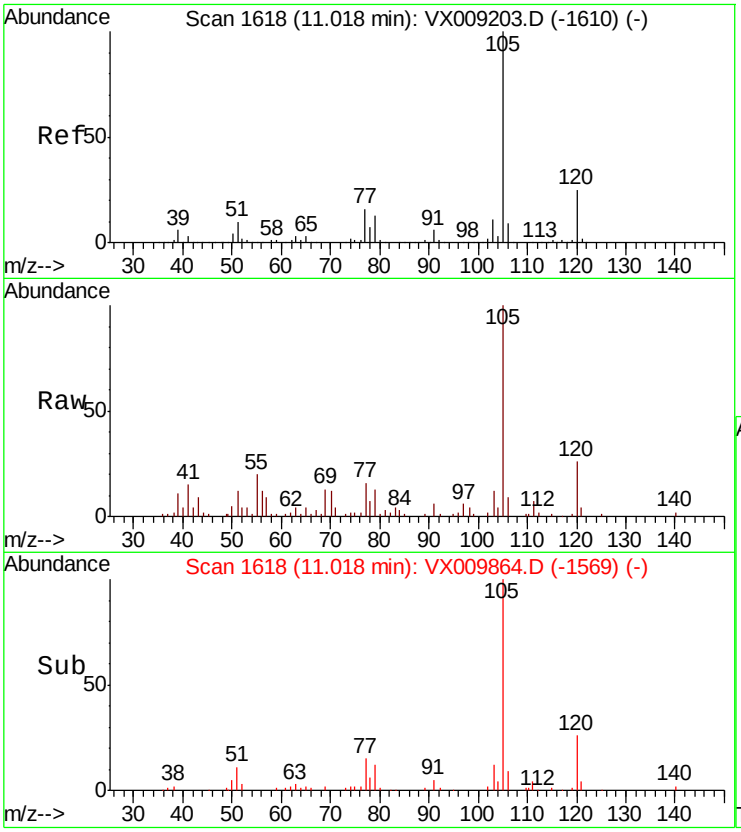


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:152 Resp: 120800

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.2	123.6
150	157.7	0.0	346.4



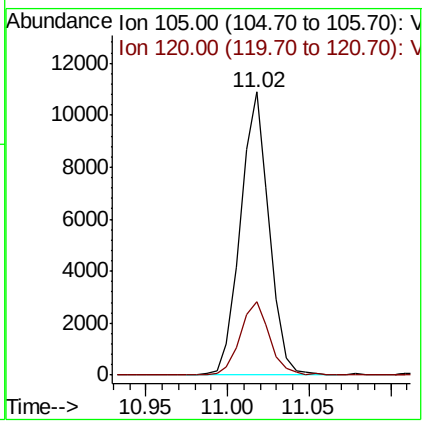


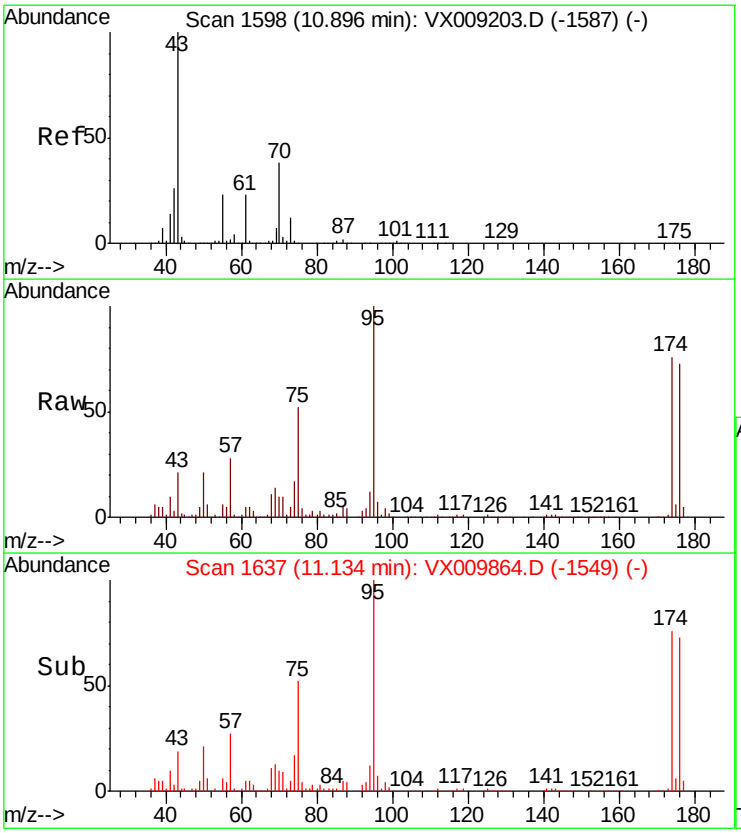
#73
Isopropylbenzene
Concen: 1.513 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 13294

Ion	Ratio	Lower	Upper
105	100		
120	26.8	12.8	38.3

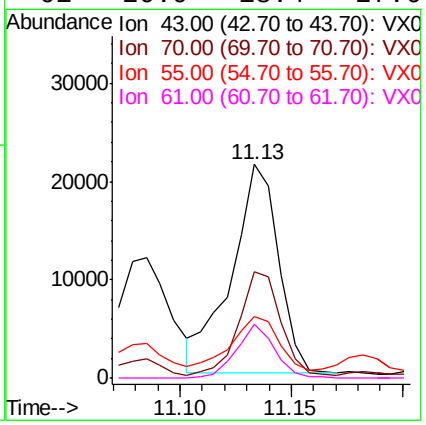


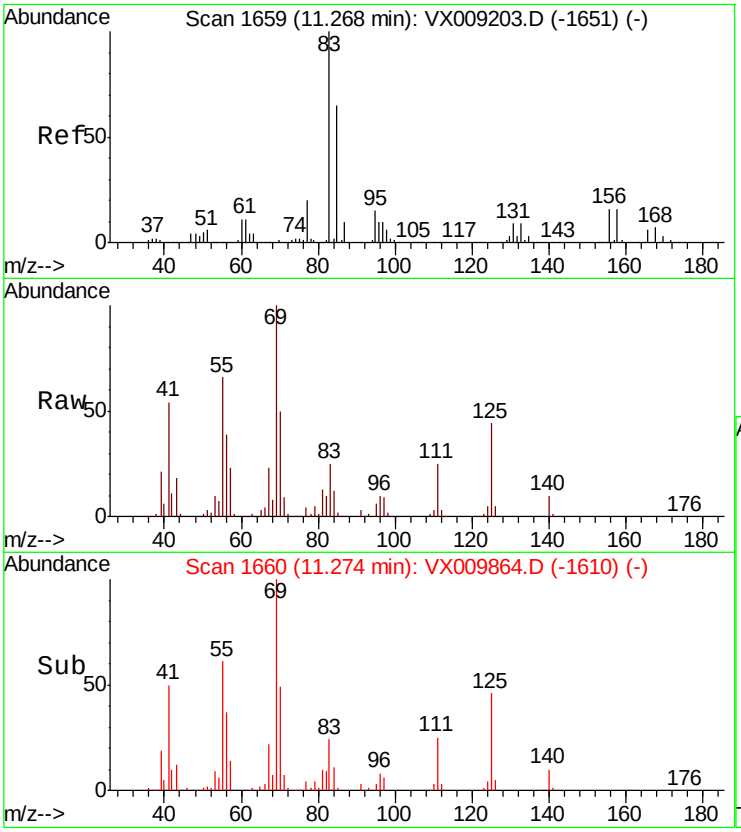


#74
N-amyl acetate
Concen: 6.065 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.24 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 43 Resp: 31061

Ion	Ratio	Lower	Upper
43	100		
70	43.4	30.0	45.0
55	26.4	17.9	26.9
61	20.9	18.4	27.6



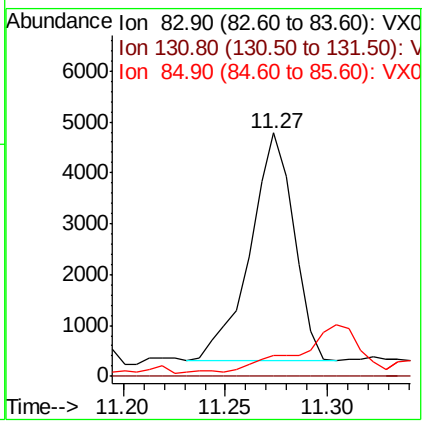


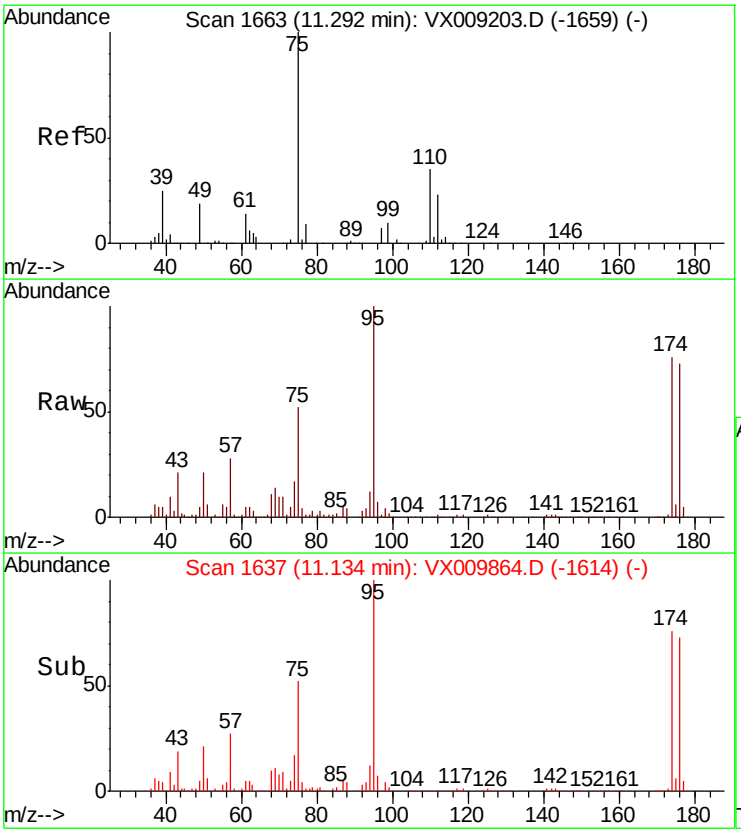
#75
1,1,2,2-Tetrachloroethane
Concen: 2.047 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 83 Resp: 6702

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.0	96.2#

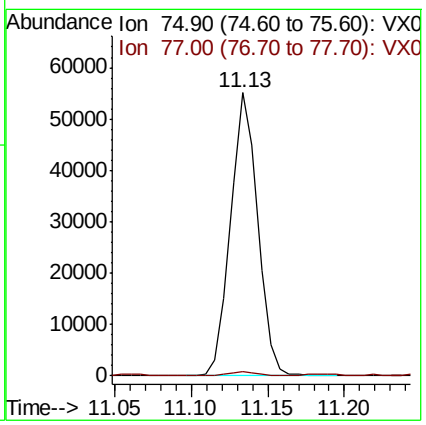


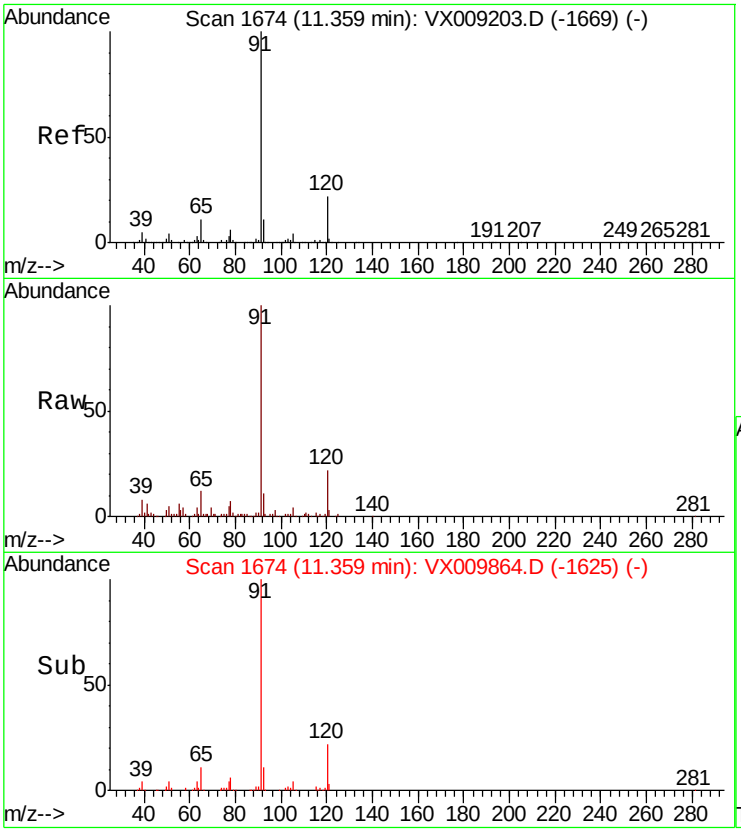


#76
1,2,3-Trichloropropane
Concen: 24.226 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 75 Resp: 67883

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#



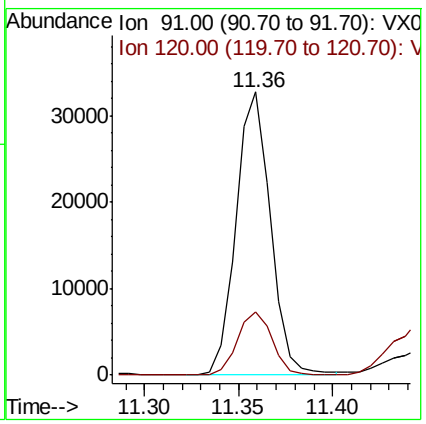


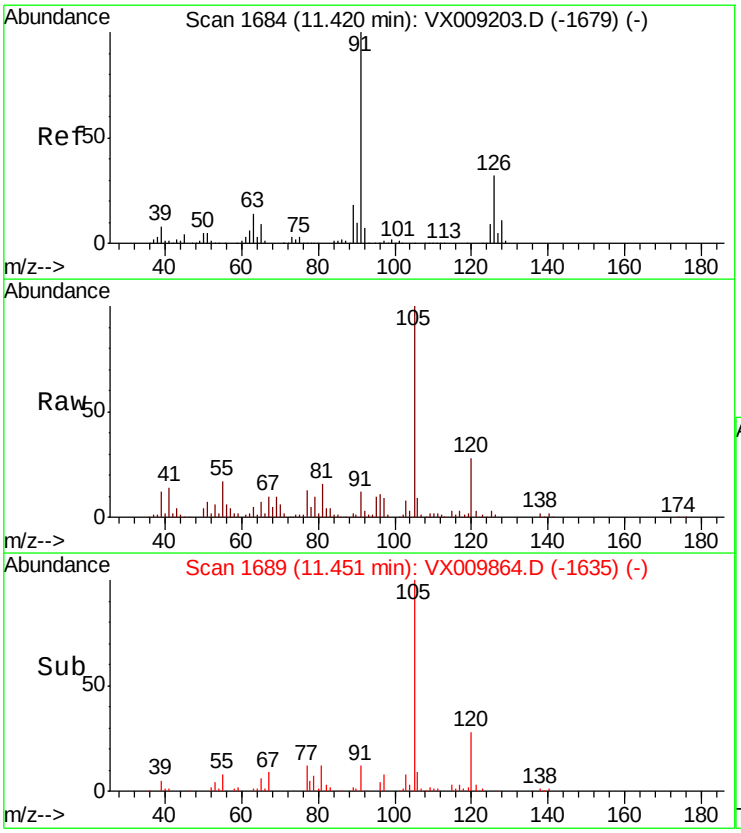
#78
n-propylbenzene
Concen: 4.117 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 91 Resp: 41298

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0

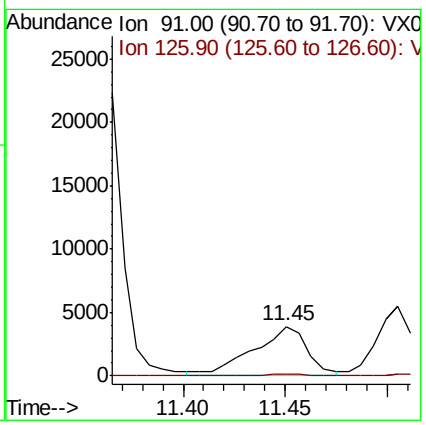


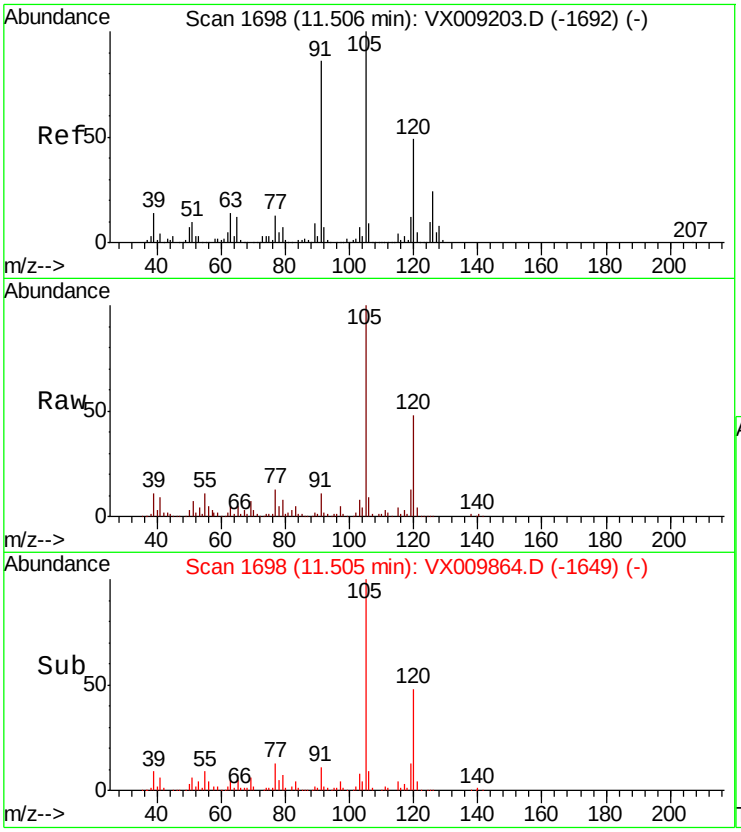


#79
2-Chlorotoluene
Concen: 1.116 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 91 Resp: 6906

Ion	Ratio	Lower	Upper
91	100		
126	3.1	16.3	48.9#



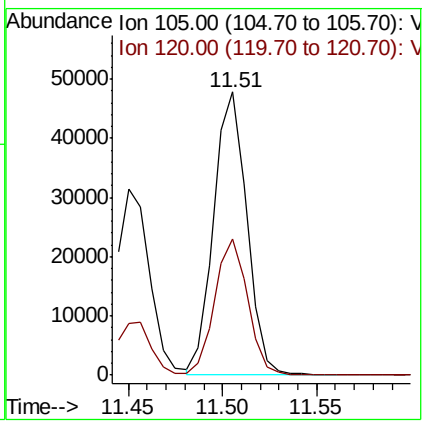


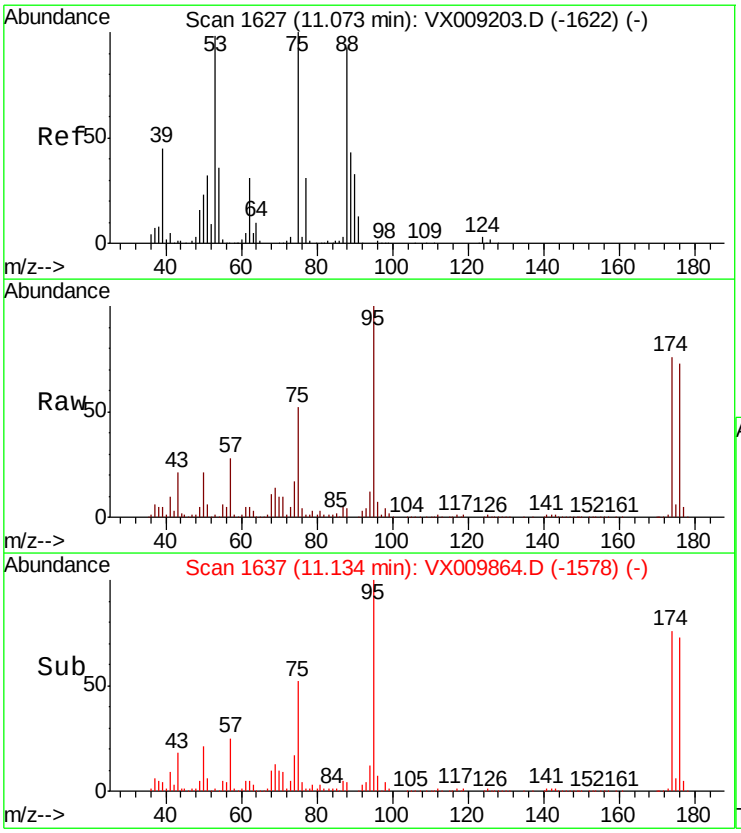
#80
1,3,5-Trimethylbenzene
Concen: 7.898 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 58420

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.9

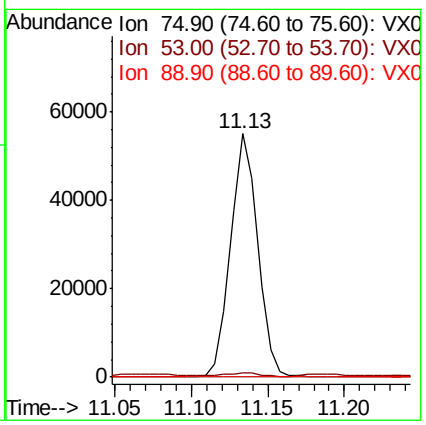


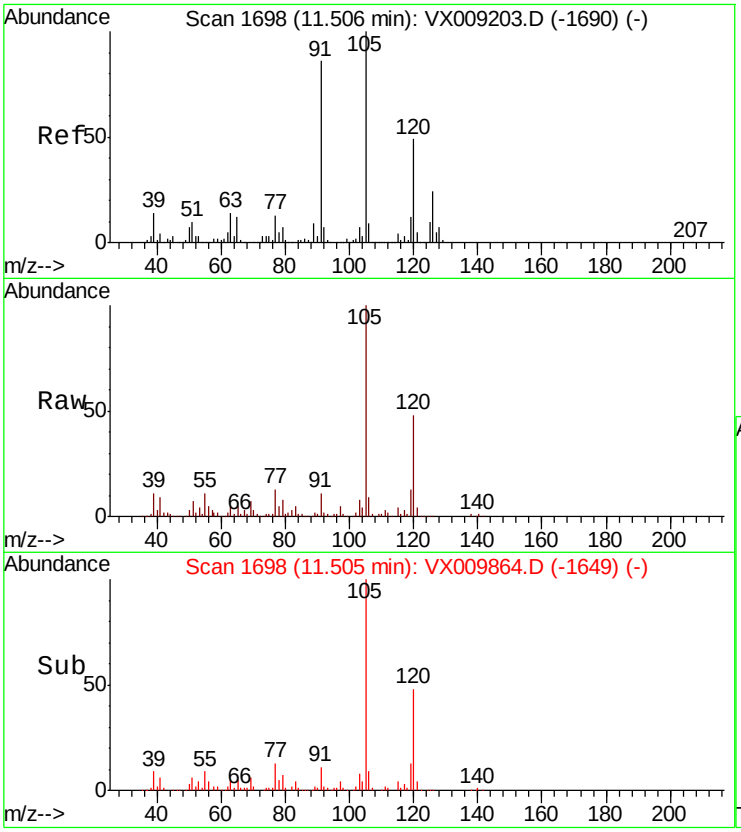


#81
trans-1,4-Dichloro-2-butene
Concen: 61.984 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 75 Resp: 67883

Ion	Ratio	Lower	Upper
75	100		
53	1.9	79.0	118.6#
89	0.1	34.7	52.1#



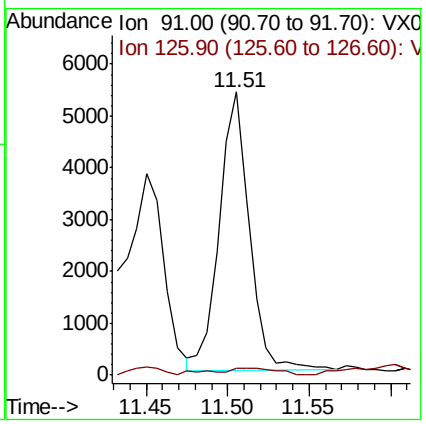


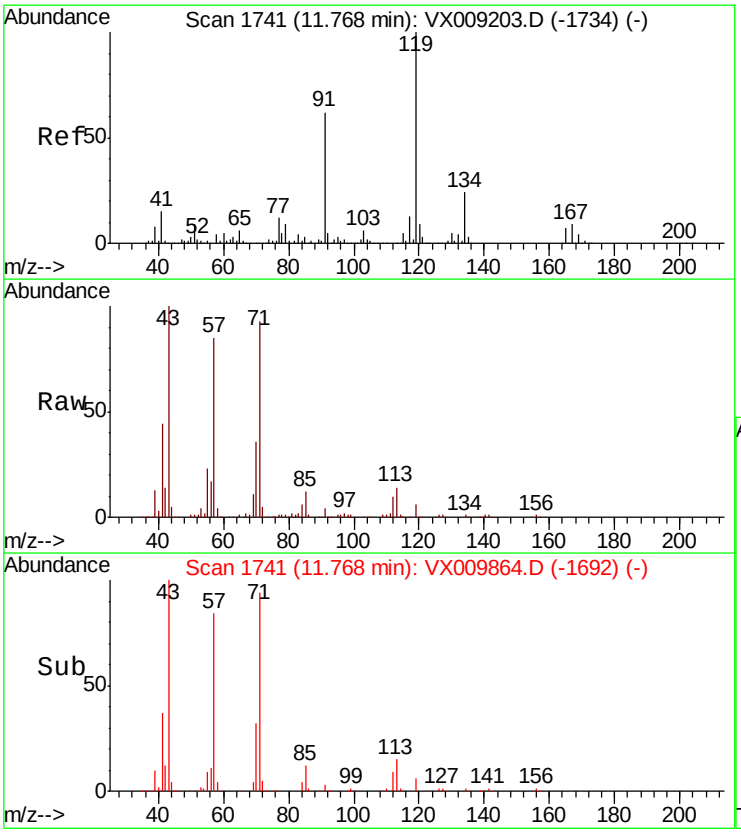
#82
4-Chlorotoluene
Concen: 0.985 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 91 Resp: 6885

Ion	Ratio	Lower	Upper
91	100		
126	3.7	14.5	43.6#

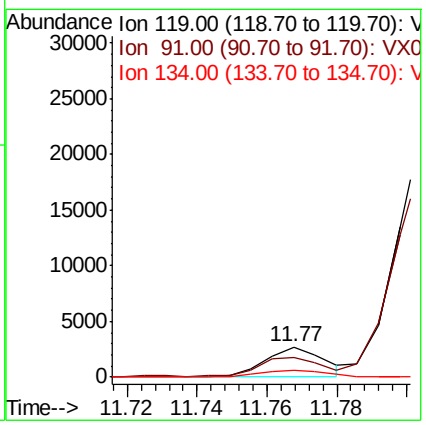


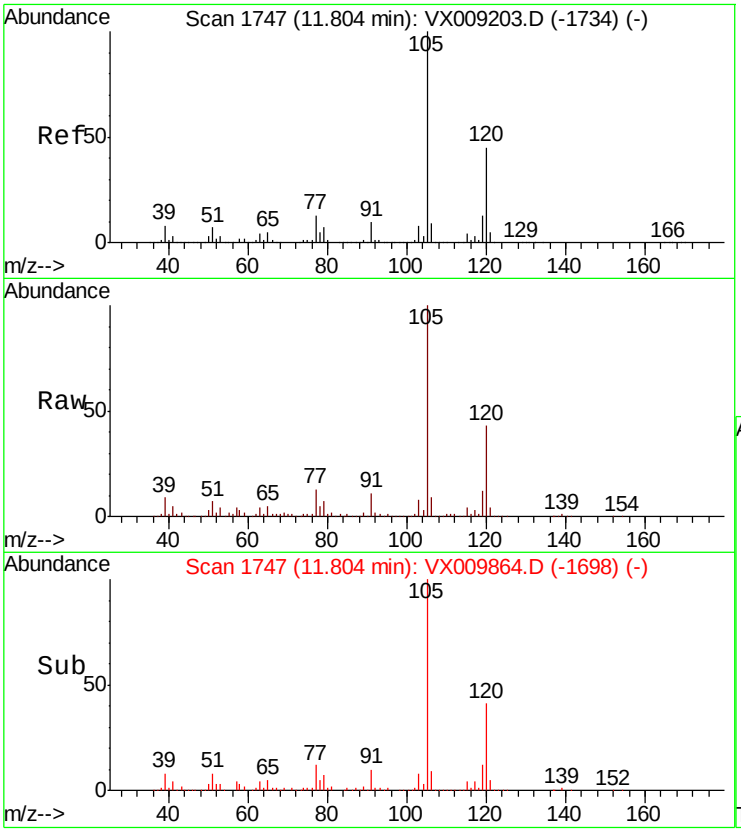


#83
tert-Butylbenzene
Concen: 0.430 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:119 Resp: 3097

Ion	Ratio	Lower	Upper
119	100		
91	69.5	29.5	88.5
134	23.8	11.4	34.1



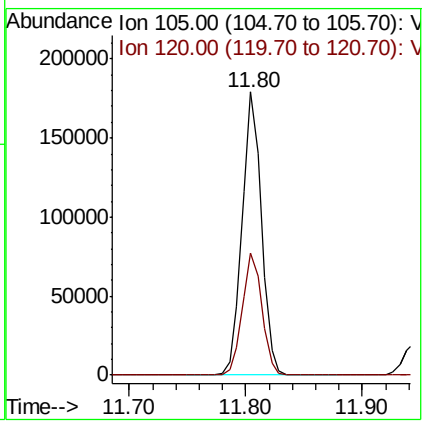


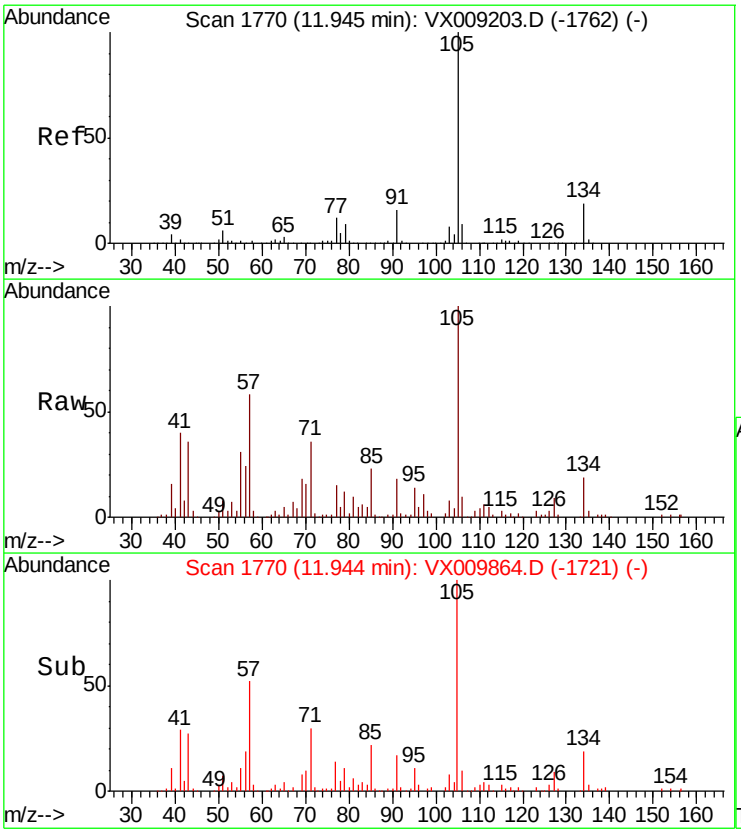
#84
1,2,4-Trimethylbenzene
Concen: 28.129 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 208839

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0

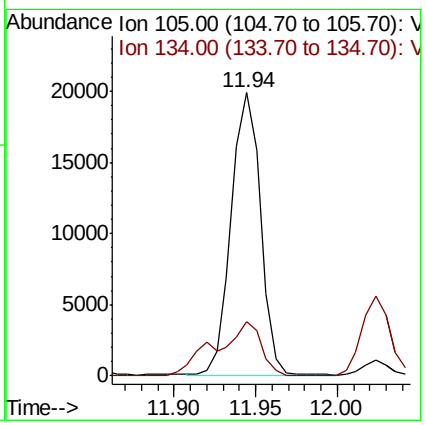


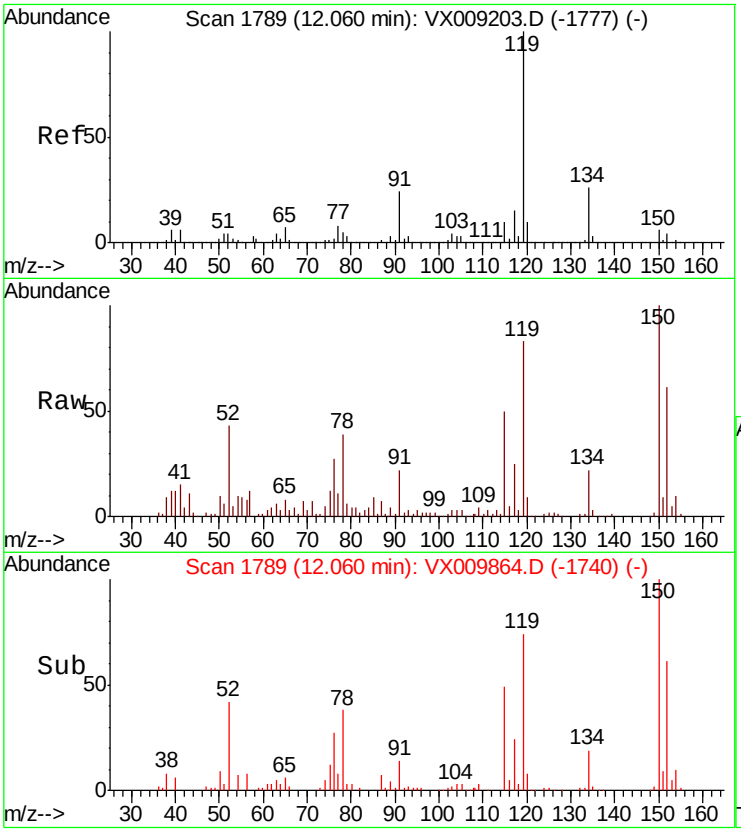


#85
sec-Butylbenzene
Concen: 2.905 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:105 Resp: 24783

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9



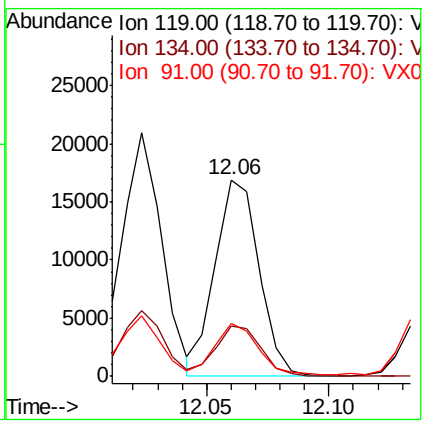


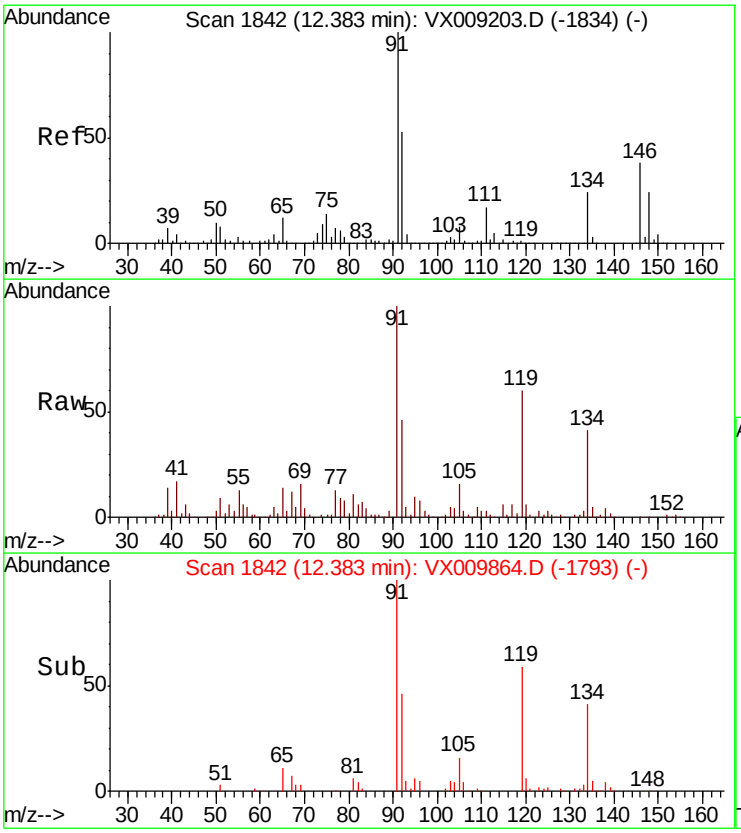
#86
p-Isopropyltoluene
Concen: 2.765 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:119 Resp: 21205

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	25.0	11.8	35.4

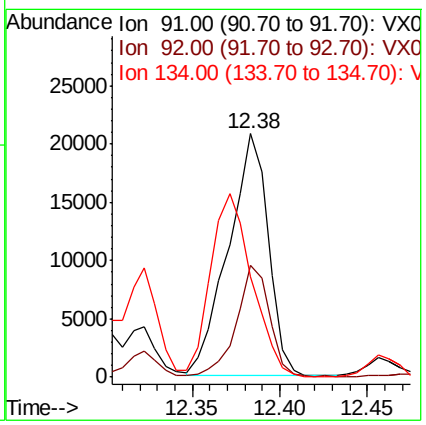


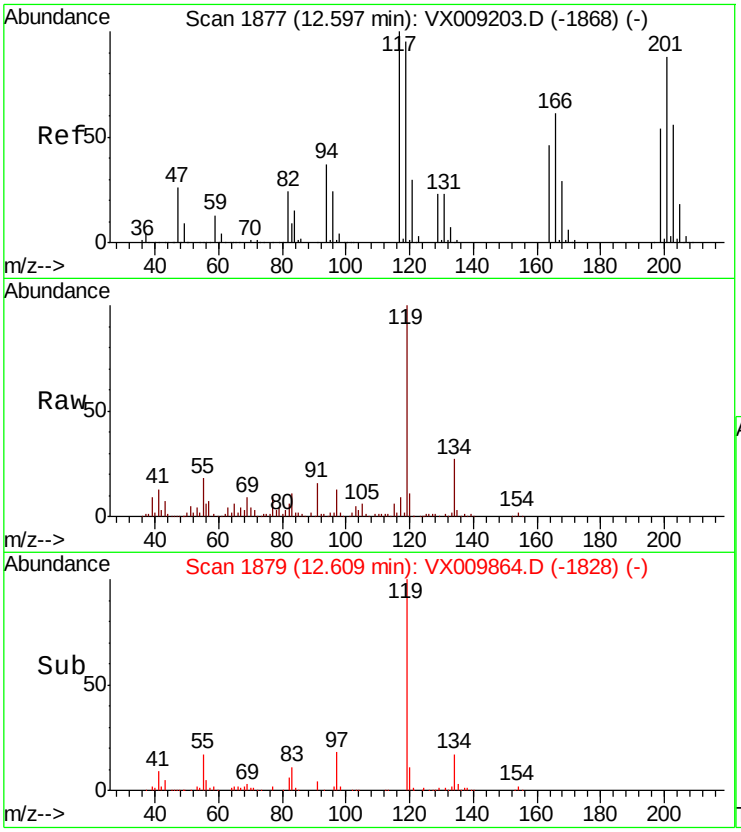


#89
n-Butylbenzene
Concen: 4.780 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 91 Resp: 33132

Ion	Ratio	Lower	Upper
91	100		
92	38.5	26.5	79.5
134	78.8	12.4	37.2#



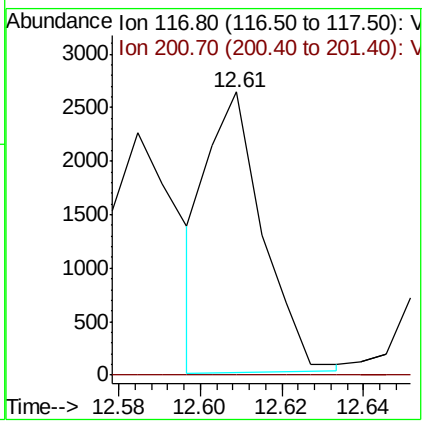


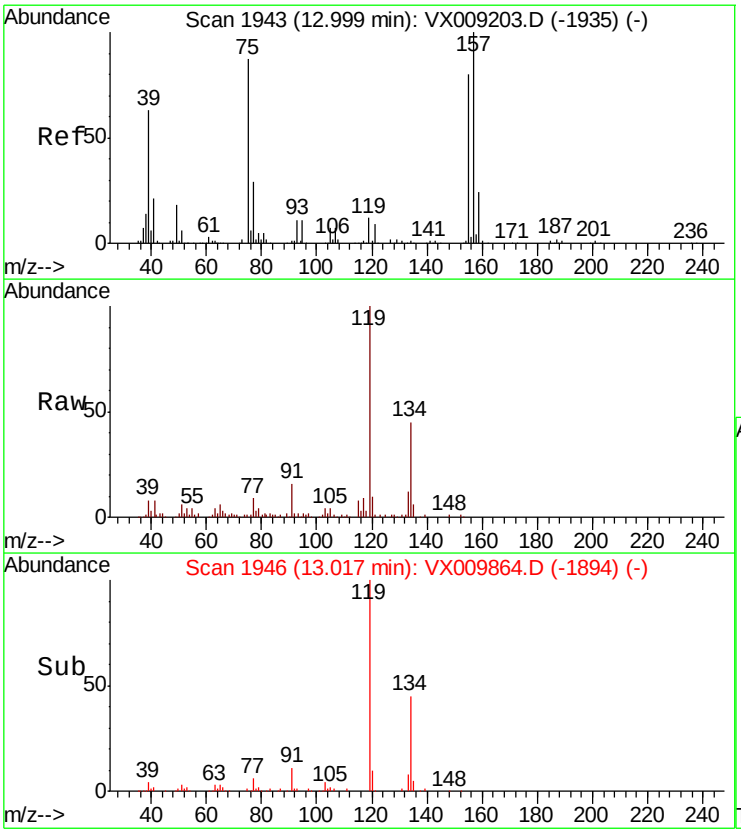
#90
Hexachloroethane
Concen: 1.904 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:117 Resp: 2487

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.351 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 75 Resp: 258

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.0	126.0#
157	0.0	53.2	159.6#