Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102519\
Data File : VX013216.D
Acq On : 24 Oct 2019 17:02
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : IBLK

Quant Time: Oct 25 01:22:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	78091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	114580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	113289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88583	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.48%			
35) Dibromofluoromethane	5.49	113	67986	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.42%			
50) Toluene-d8	8.71	98	244246	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.16%			
62) 4-Bromofluorobenzene	11.14	95	91974	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	204	1.131	ug/l #	40
5) Bromomethane	1.64	94	567	0.754	ug/l #	80
6) Chloroethane	1.77	64	259	Below Cal		89
7) Trichlorofluoromethane	1.92	101	235	0.403	ug/l	97
10) Methyl Iodide	2.51	142	692	3.909	ug/l #	89
11) Tert butyl alcohol	3.01	59	1954	4.471	ug/l #	72
13) Acrolein	2.15	56	47	0.245	ug/l #	63
15) Acrylonitrile	3.15	53	257	0.357	ug/l #	76
16) Acetone	2.43	43	305	0.396	ug/l #	45
17) Carbon Disulfide	2.56	76	2029	0.567	ug/l	100
18) Methyl Acetate	2.78	43	66	1.007	ug/l #	49
20) Methylene Chloride	2.84	84	626	0.721	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	2196	2.047	ug/l #	81
27) cis-1,2-Dichloroethene	4.58	96	2275	1.396	ug/l	92
38) Carbon Tetrachloride	5.64	117	8031	3.792	ug/l #	12
44) Trichloroethene	7.20	130	6916	4.234	ug/l	99
64) Tetrachloroethene	9.32	164	211	Below Cal	#	70
68) m/p-Xylenes	10.36	106	576	0.215	ug/l	86
76) 1,2,3-Trichloropropane	11.14	75	45775	26.654	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	45775	73.244	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1072	0.213	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	693	0.247	ug/l	82
88) 1,4-Dichlorobenzene	12.03	146	693	0.243	ug/l	83
89) n-Butylbenzene	12.39	91	970	0.208	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	554	0.201	ug/l	91
93) 1,2,4-Trichlorobenzene	13.64	180	790	0.455	ug/l	97
94) Hexachlorobutadiene	13.78	225	194	0.216	ug/l	68
95) Naphthalene	13.84	128	1773	0.333	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	744	0.434	ug/l	92

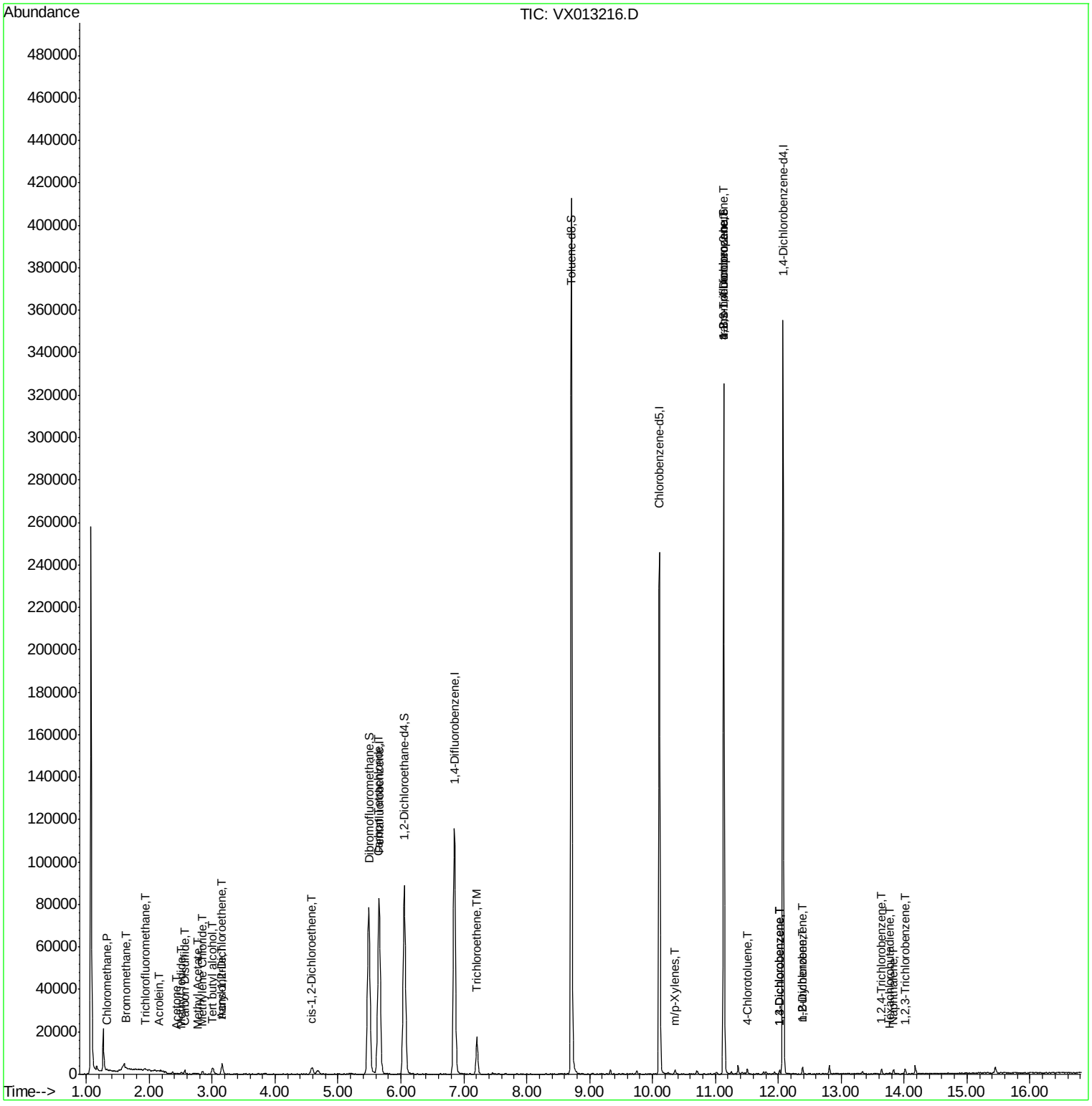
(#) = qualifier out of range (m) = manual integration (+) = signals summed

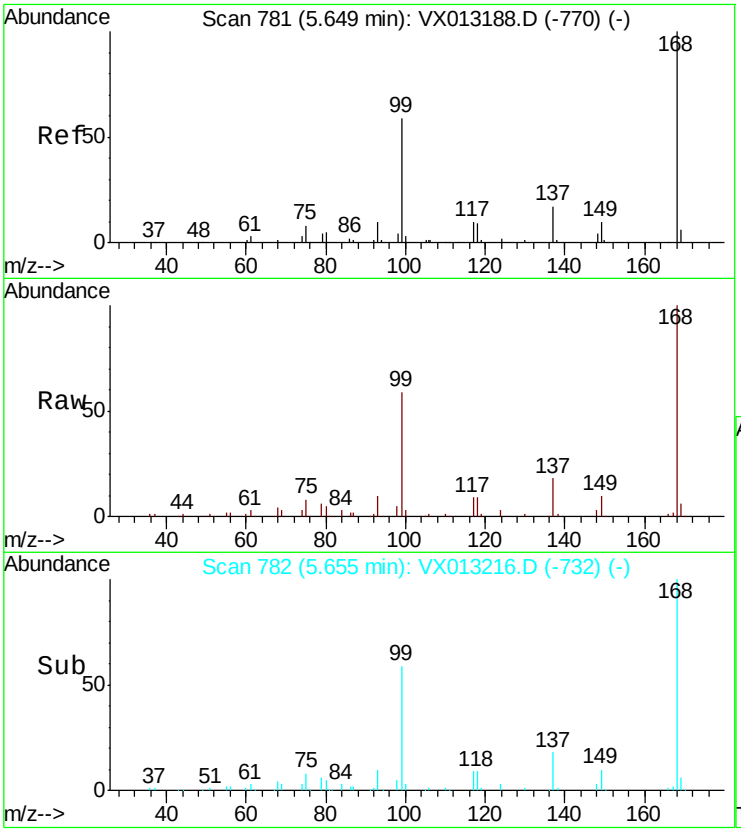
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102519\
Data File : VX013216.D
Acq On : 24 Oct 2019 17:02
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Oct 25 01:22:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration



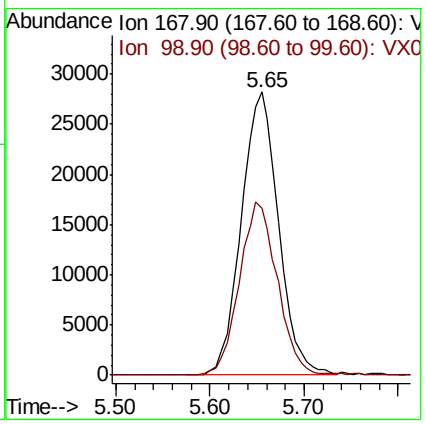


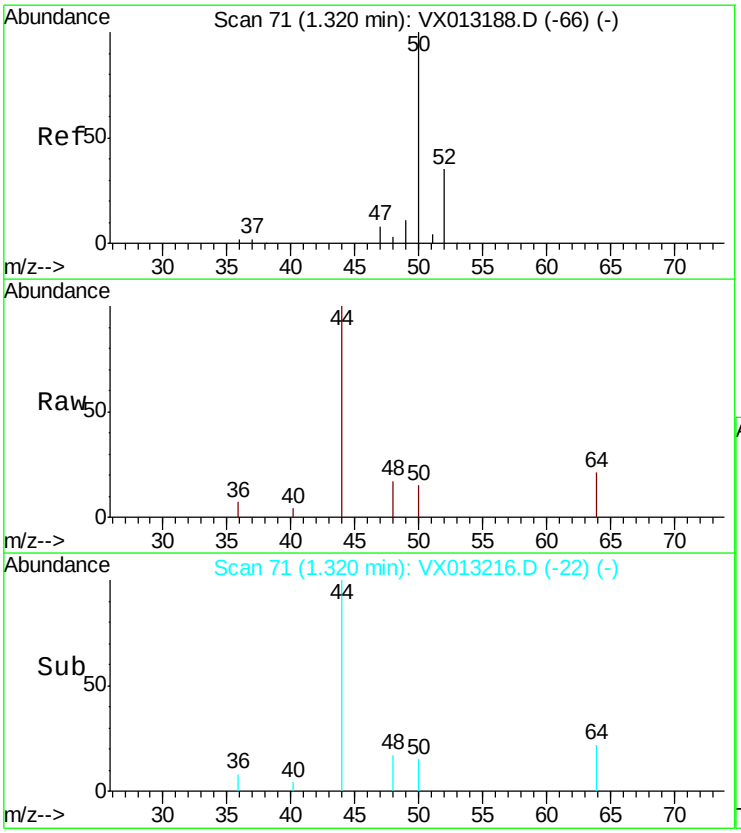
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 78091

Ion	Ratio	Lower	Upper
168	100		
99	58.9	47.0	70.4

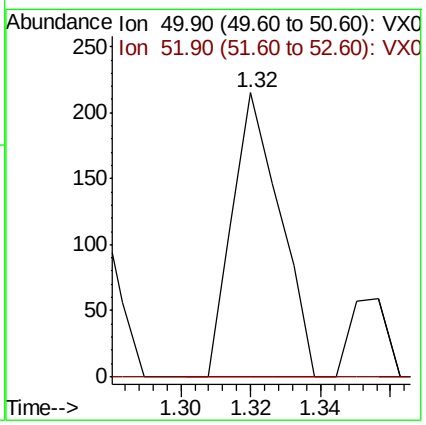


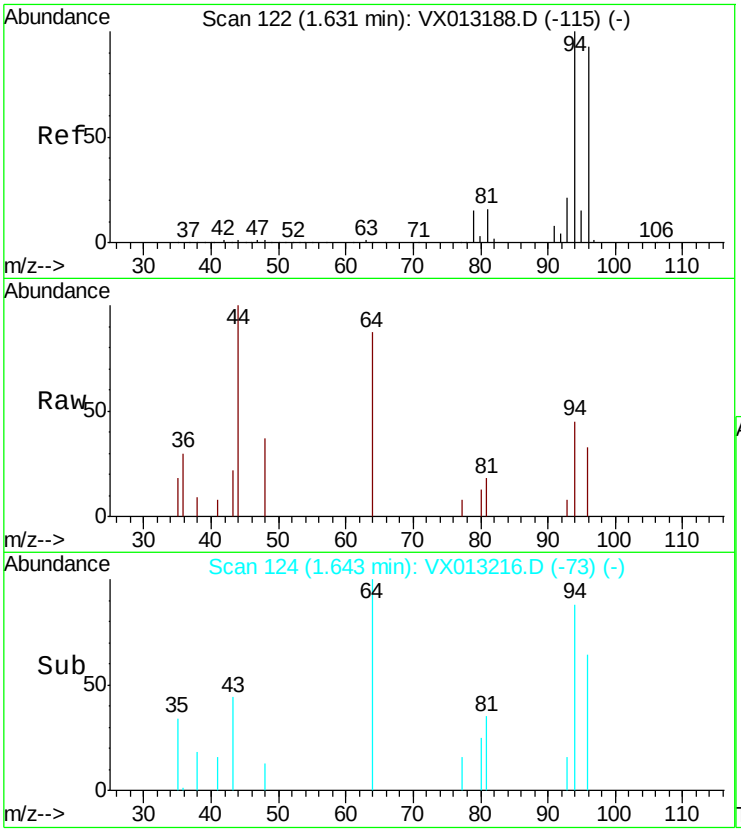


#3
Chloromethane
Concen: 1.131 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 50 Resp: 204

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.6#



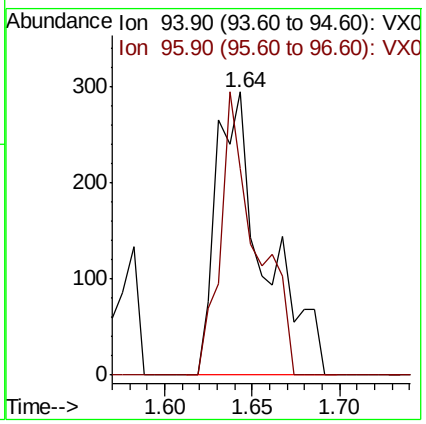


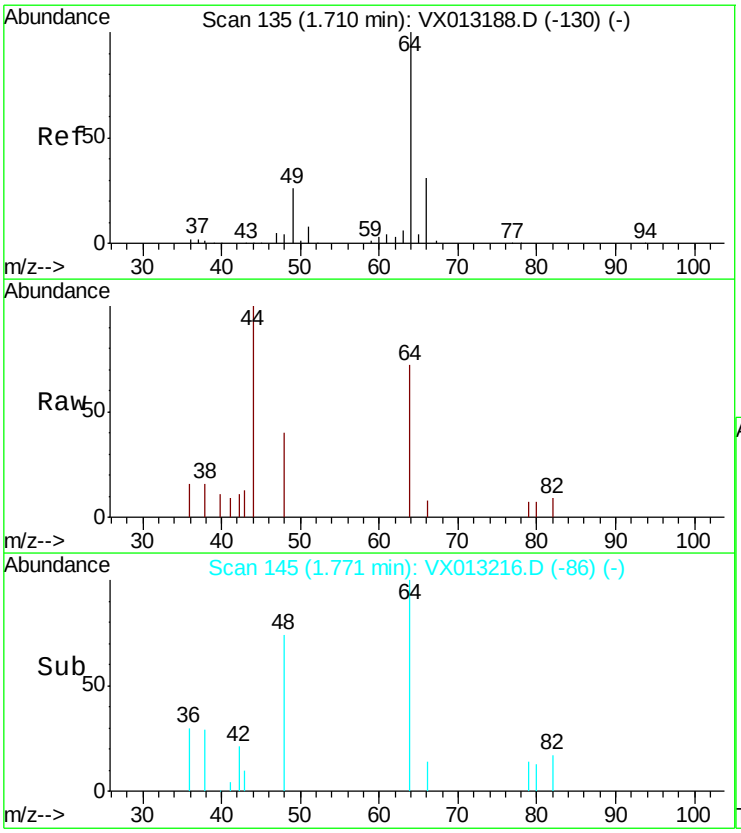
#5
Bromomethane
Concen: 0.754 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 567

Ion	Ratio	Lower	Upper
94	100		
96	73.1	74.2	111.2#

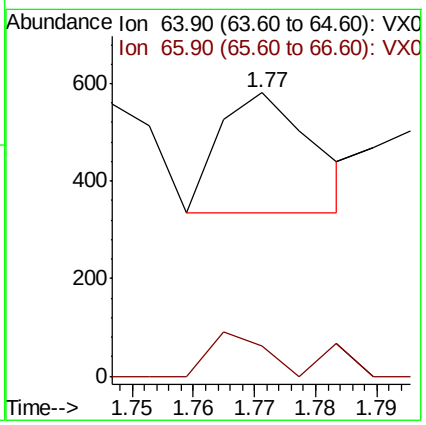


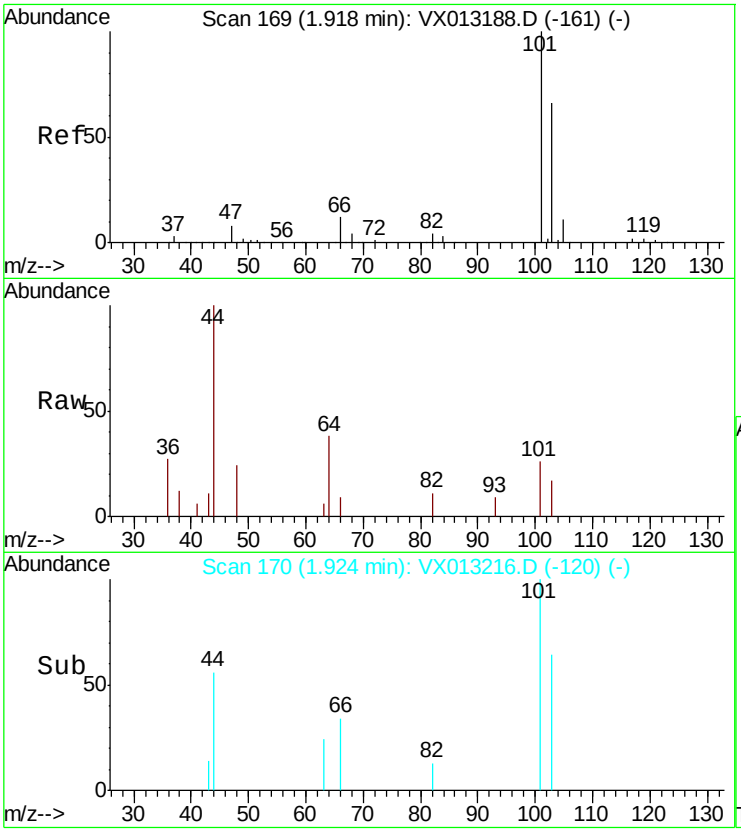


#6
Chloroethane
Concen: Below Cal
RT: 1.77 min Scan# 145
Delta R.T. 0.06 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 64 Resp: 259

Ion	Ratio	Lower	Upper
64	100		
66	25.2	25.0	37.6



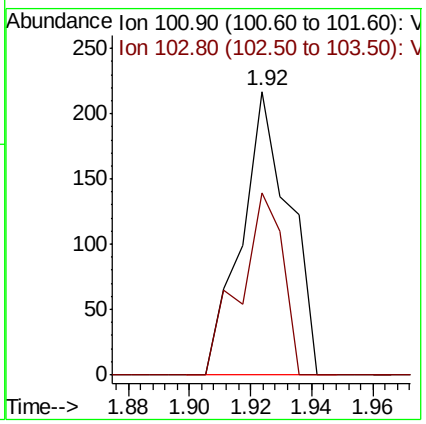


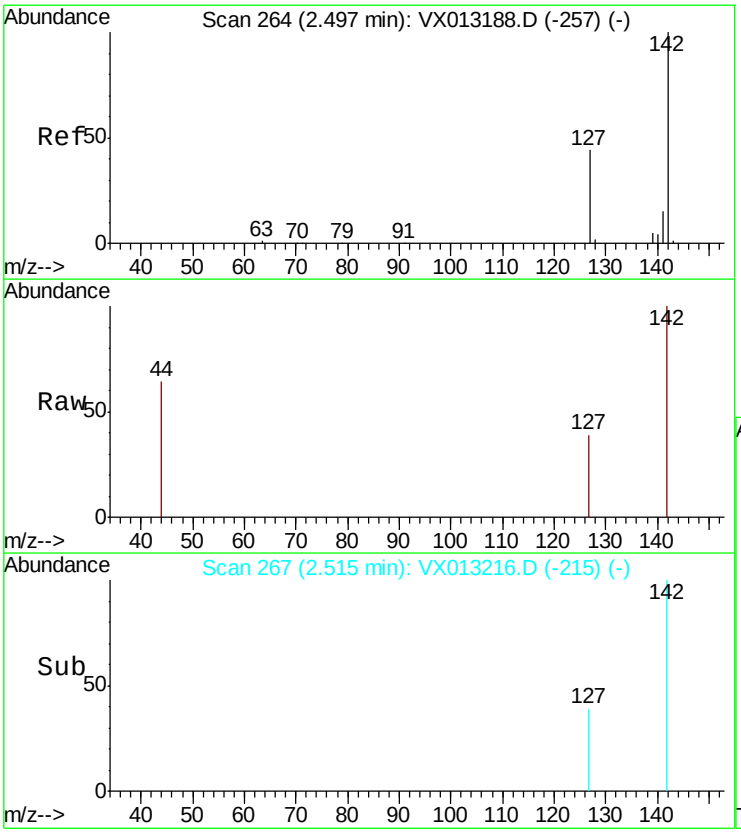
#7
Trichlorofluoromethane
Concen: 0.403 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:101 Resp: 235

Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.0	79.6

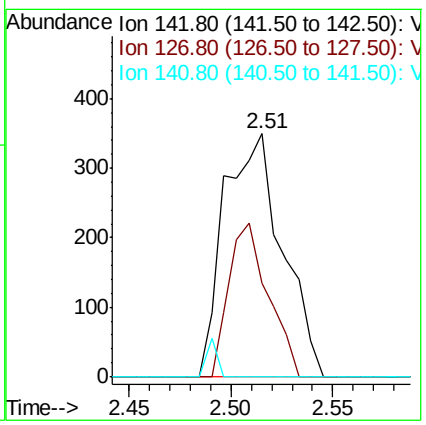


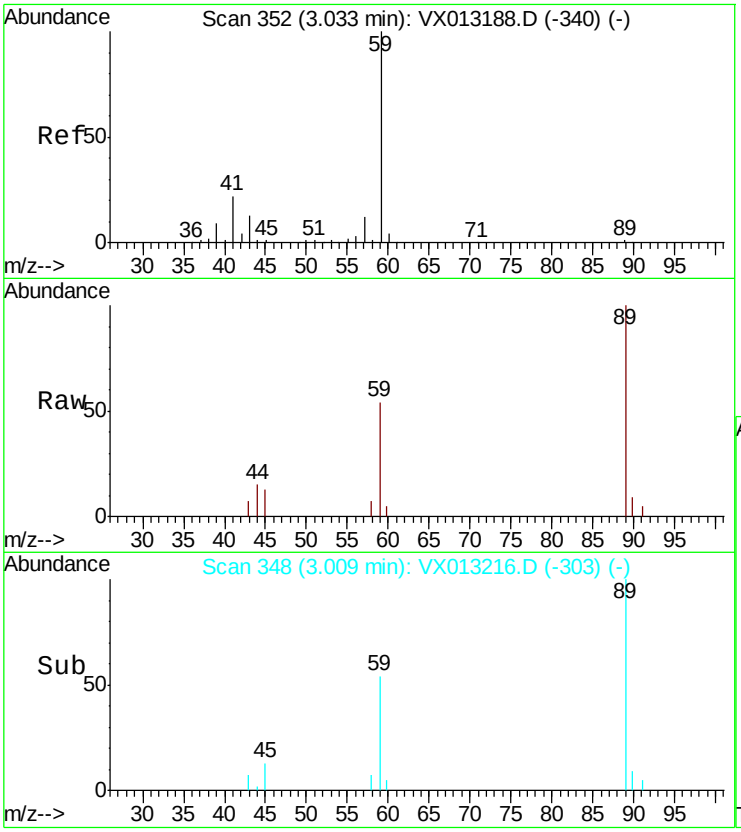


#10
Methyl Iodide
Concen: 3.909 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:142 Resp: 692

Ion	Ratio	Lower	Upper
142	100		
127	42.8	35.6	53.4
141	0.0	11.6	17.4#



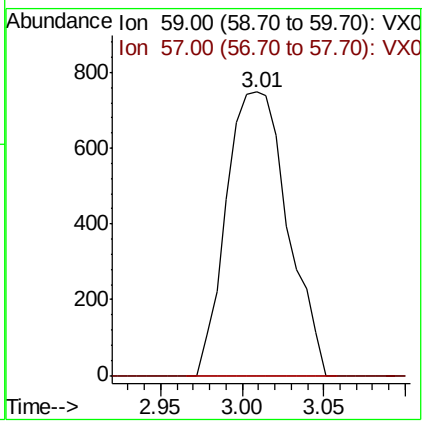


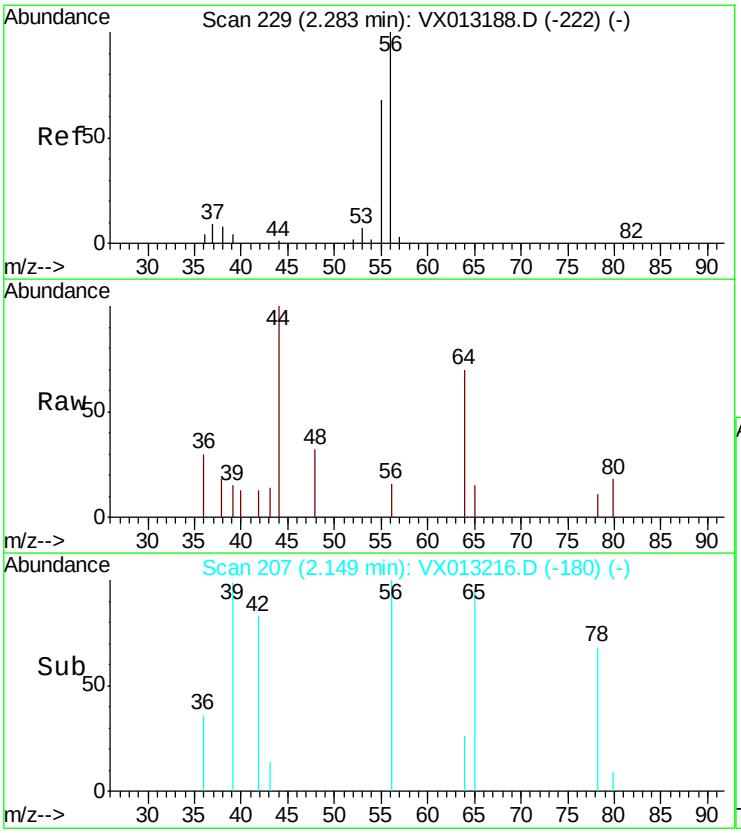
#11
Tert butyl alcohol
Concen: 4.471 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 59 Resp: 1954

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

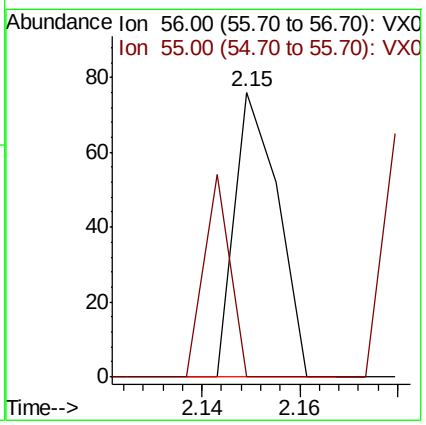


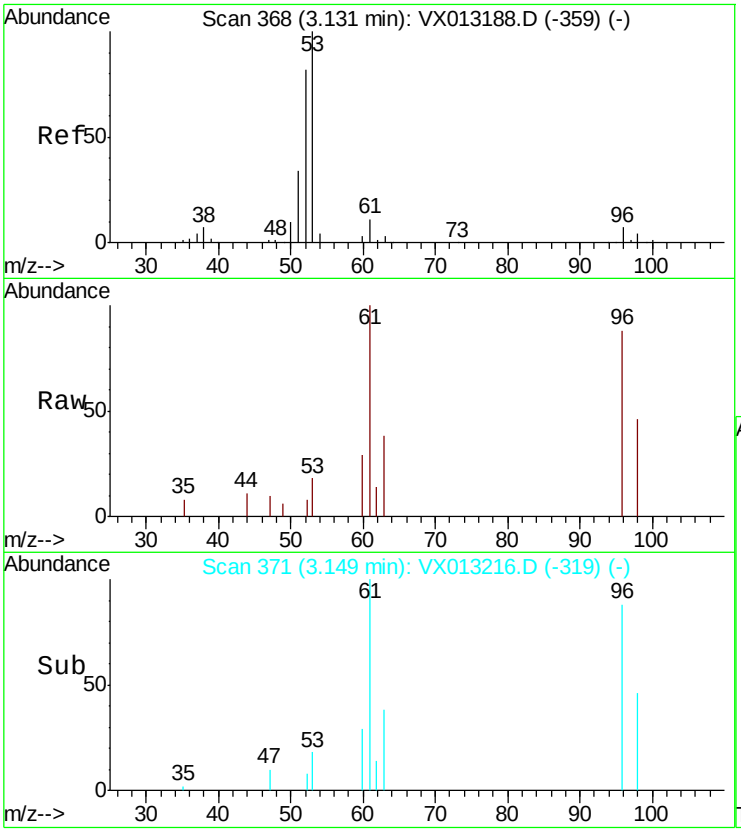


#13
Acrolein
Concen: 0.245 ug/l
RT: 2.15 min Scan# 207
Delta R.T. -0.13 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 56 Resp: 47

Ion	Ratio	Lower	Upper
56	100		
55	42.6	58.9	88.3#



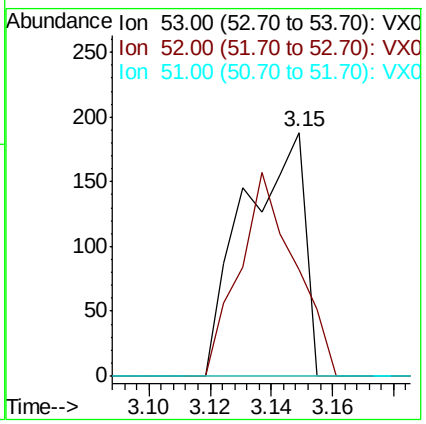


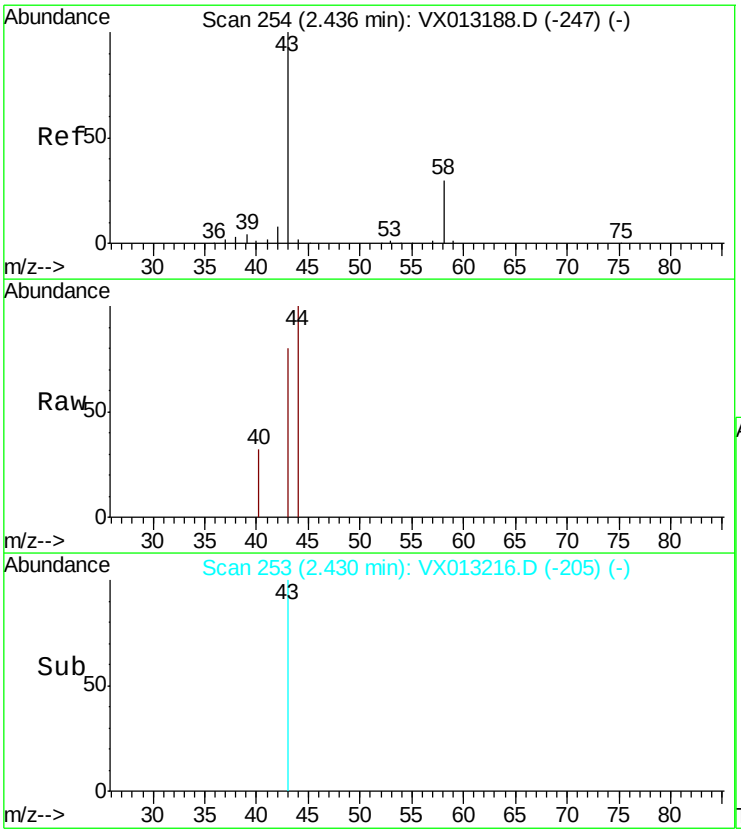
#15
Acrylonitrile
Concen: 0.357 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 53 Resp: 257

Ion	Ratio	Lower	Upper
53	100		
52	77.0	66.4	99.6
51	0.0	29.4	44.2#

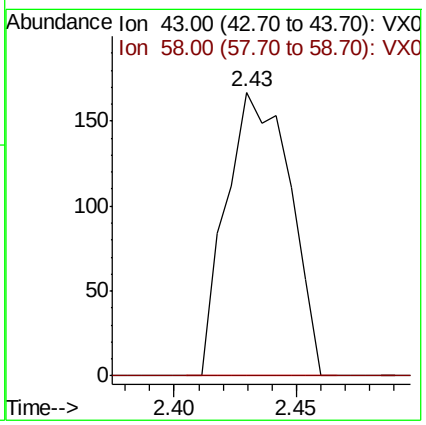


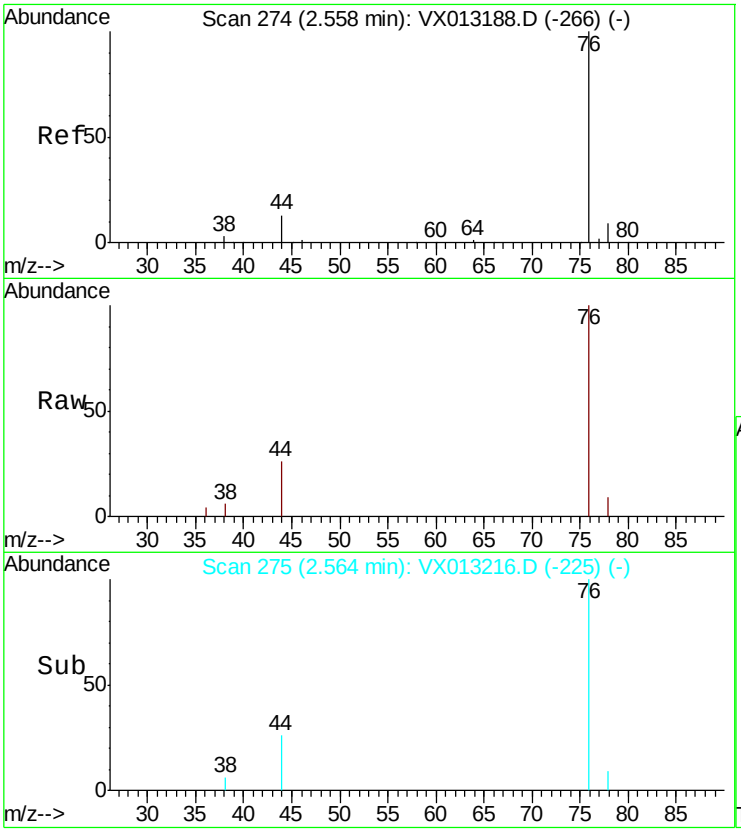


#16
Acetone
Concen: 0.396 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 43 Resp: 305

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



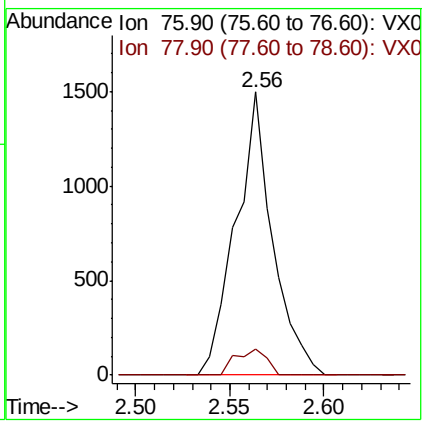


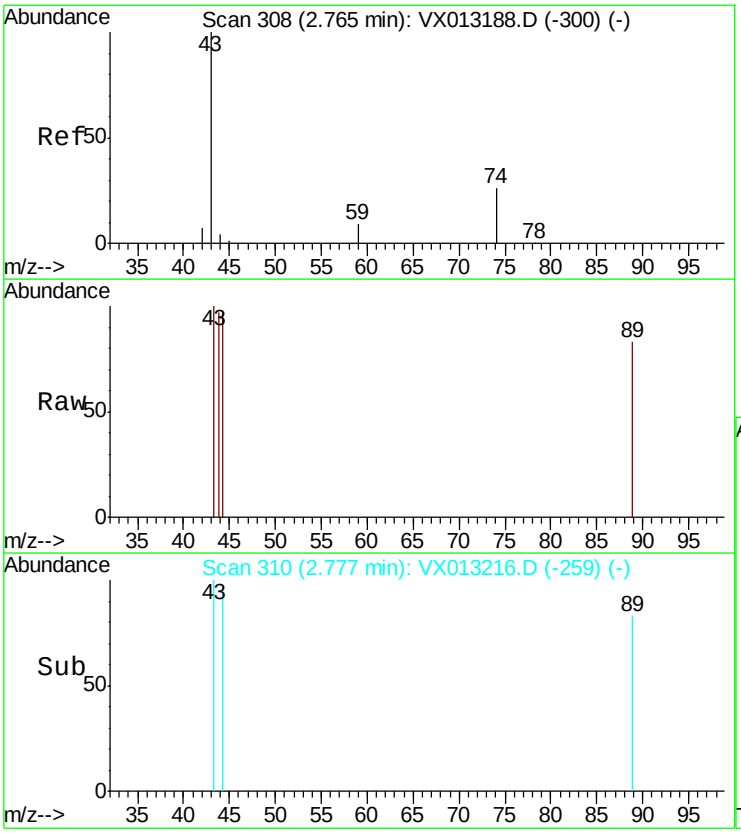
#17
Carbon Disulfide
Concen: 0.567 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 76 Resp: 2029

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

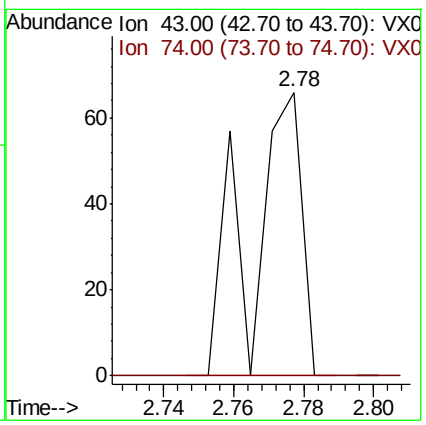


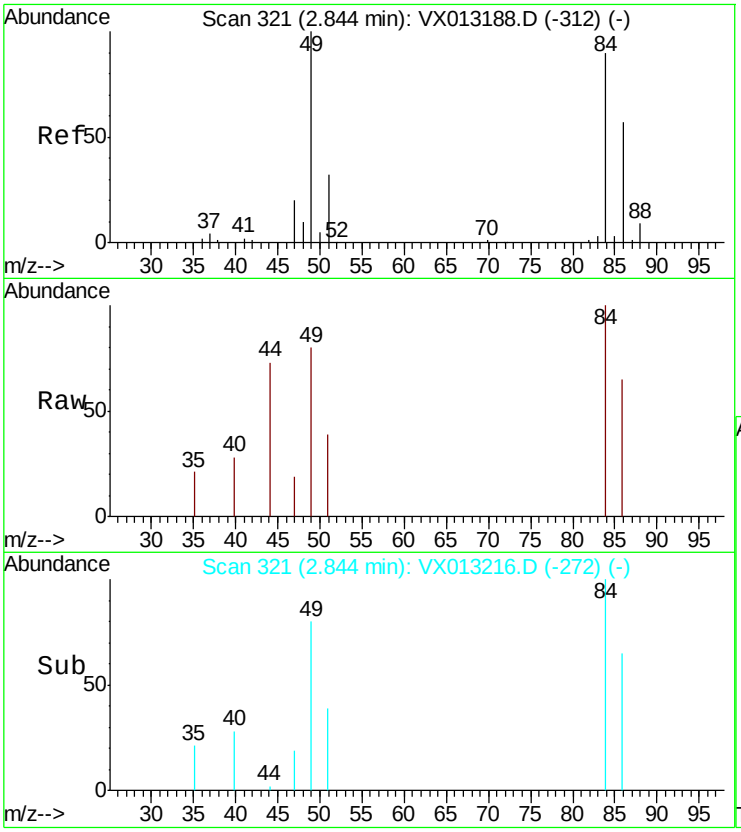


#18
Methyl Acetate
Concen: 1.007 ug/l
RT: 2.78 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 43 Resp: 66

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.9	31.3#



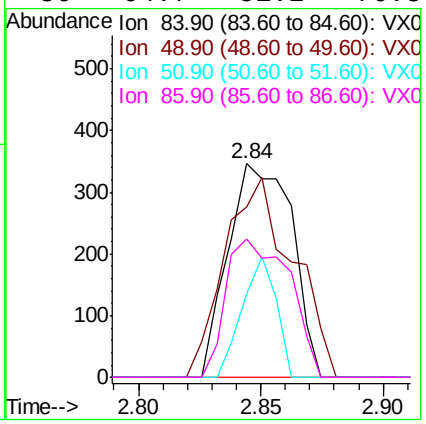


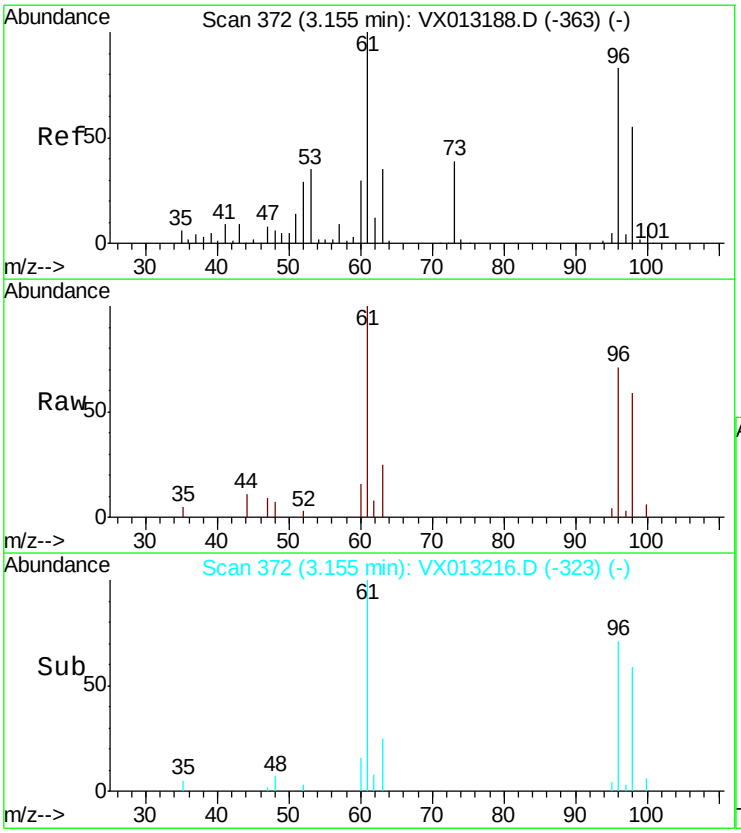
#20
Methylene Chloride
Concen: 0.721 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 84 Resp: 626

Ion	Ratio	Lower	Upper
84	100		
49	79.8	89.2	133.8#
51	39.0	28.8	43.2
86	64.7	51.2	76.8

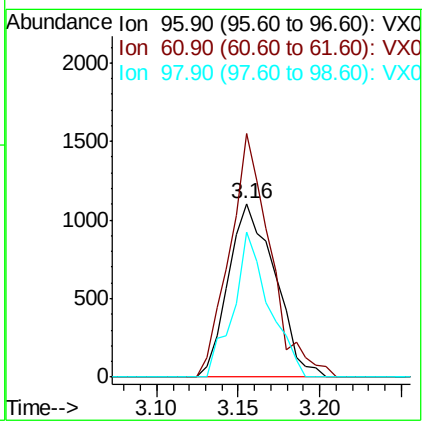


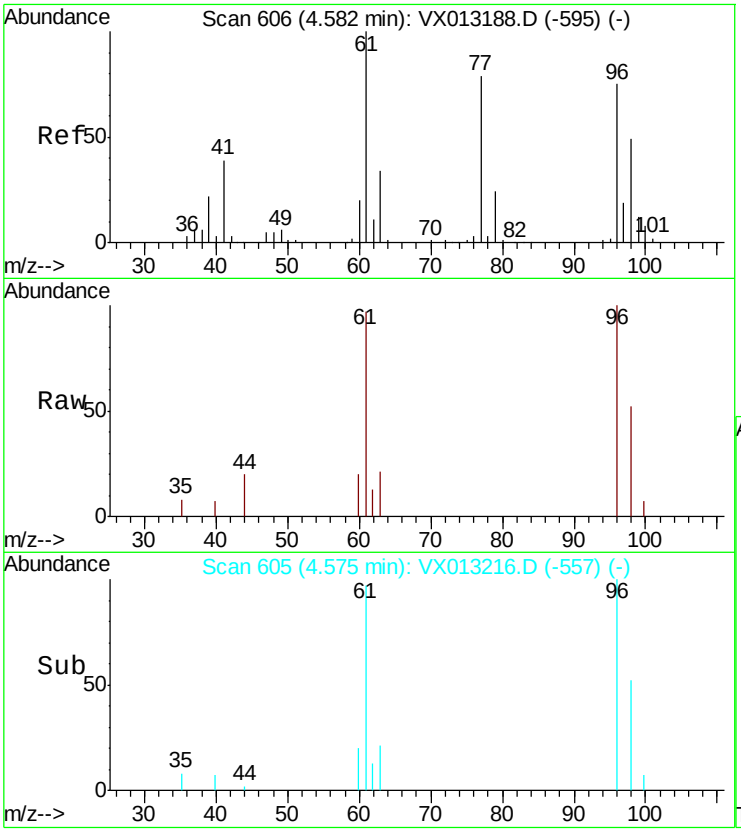


#21
trans-1,2-Dichloroethene
Concen: 2.047 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 96 Resp: 2196

Ion	Ratio	Lower	Upper
96	100		
61	140.3	96.9	145.3
98	83.4	53.0	79.4#



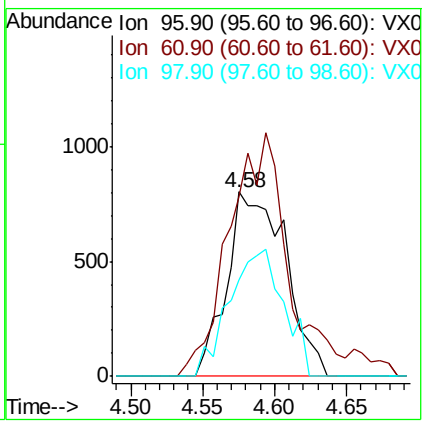


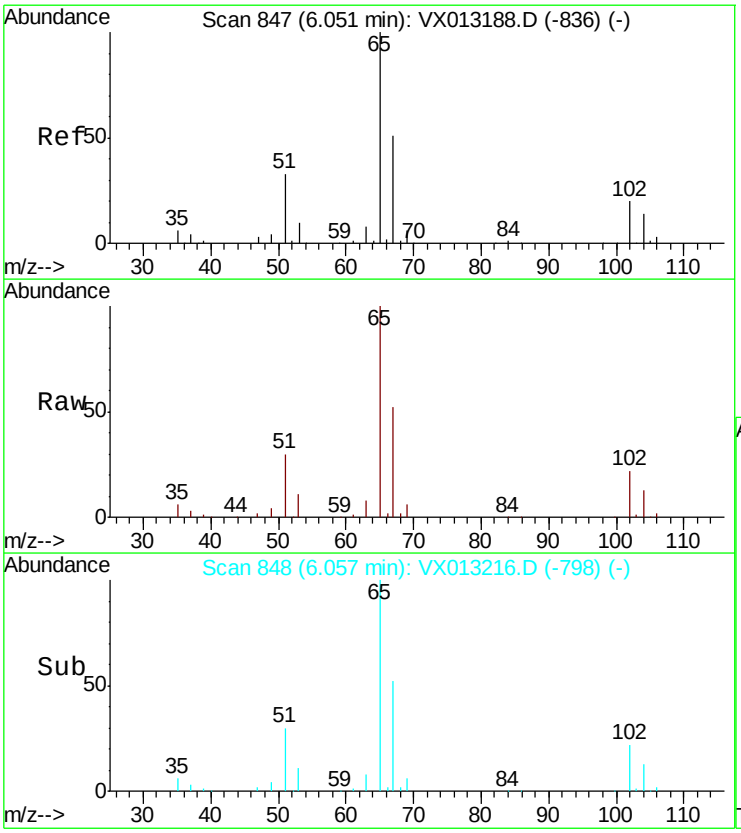
#27
cis-1,2-Dichloroethene
Concen: 1.396 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 96 Resp: 2275

Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	290.4
98	63.7	0.0	130.4

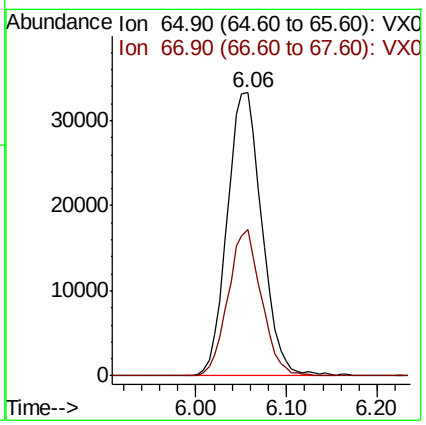


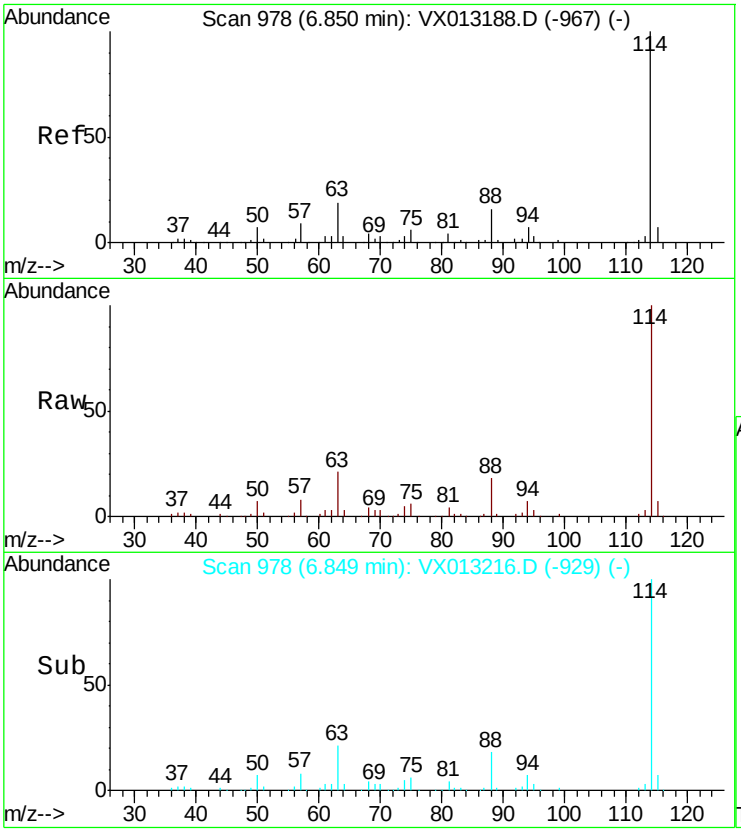


#33
1,2-Dichloroethane-d4
Concen: 54.235 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 65 Resp: 88583

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	102.6



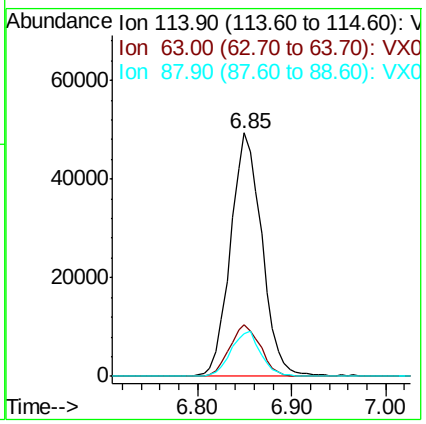


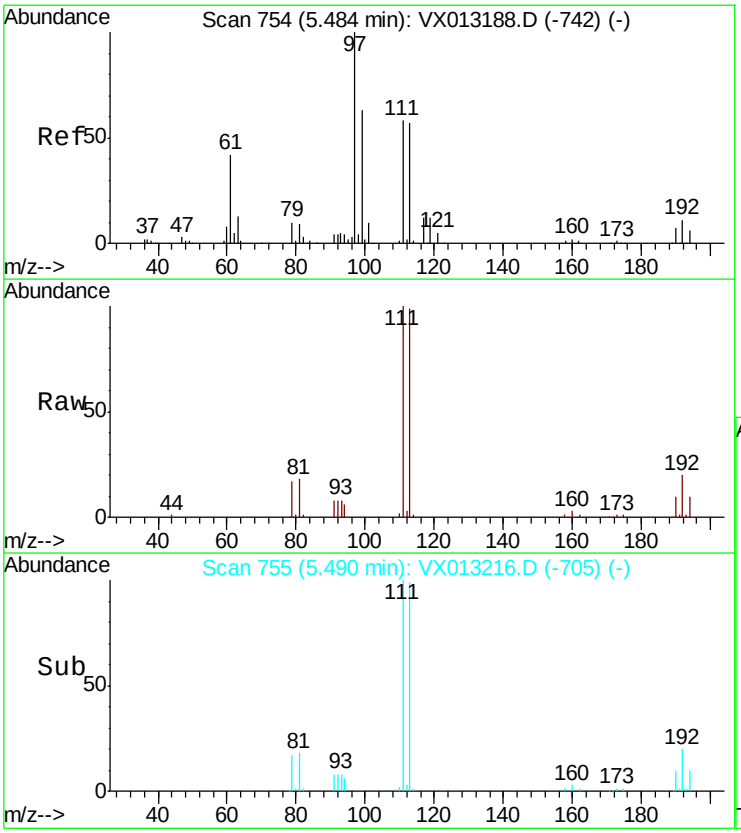
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 114580

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	17.6	0.0	32.0

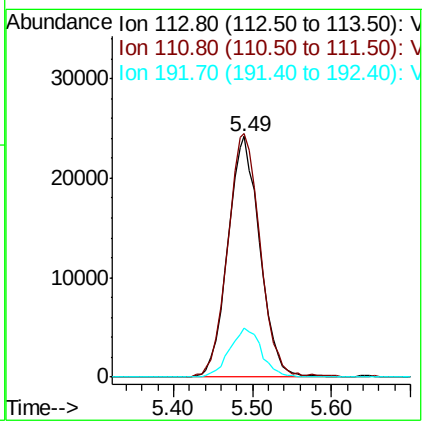


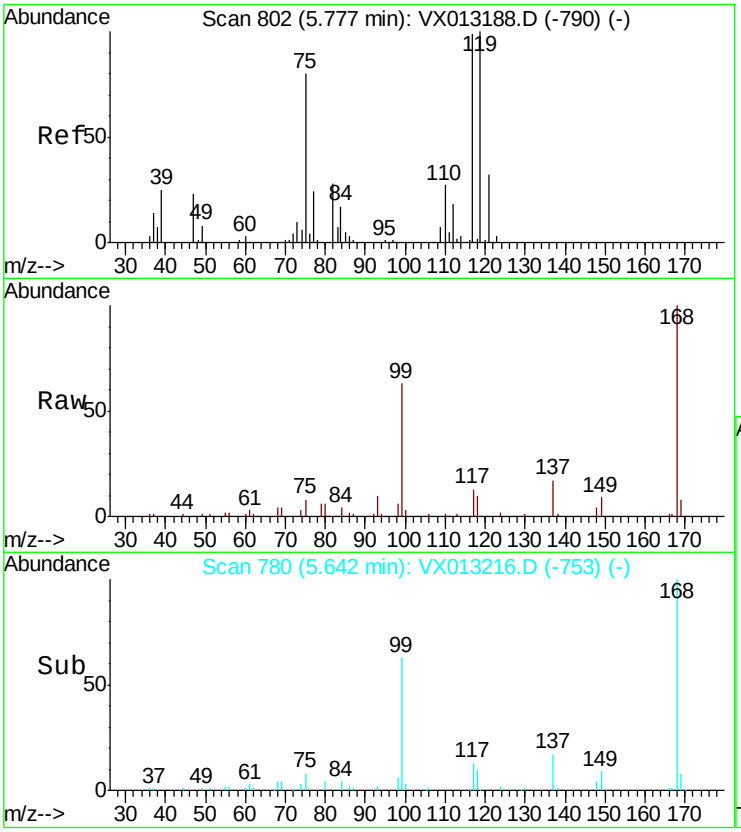


#35
Dibromofluoromethane
Concen: 53.208 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:113 Resp: 67986

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.3	120.5
192	20.2	15.9	23.9



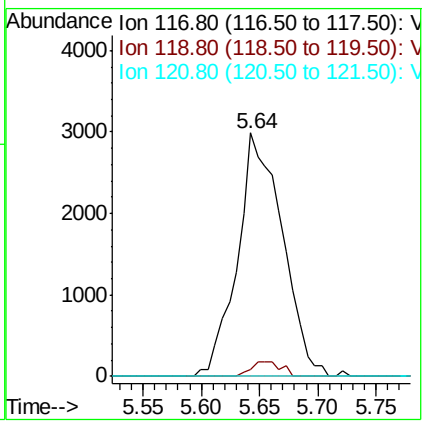


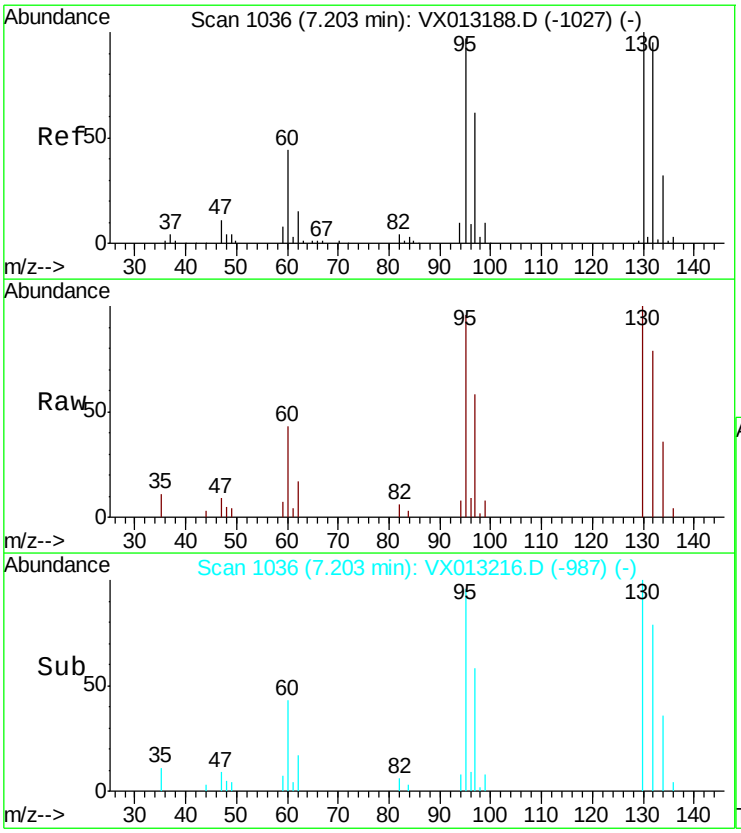
#38
Carbon Tetrachloride
Concen: 3.792 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 8031

Ion	Ratio	Lower	Upper
117	100		
119	2.9	80.1	120.1#
121	0.0	25.5	38.3#

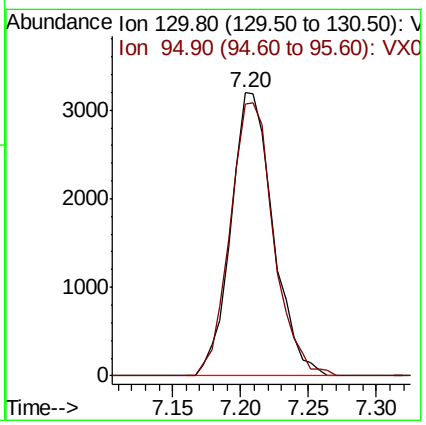


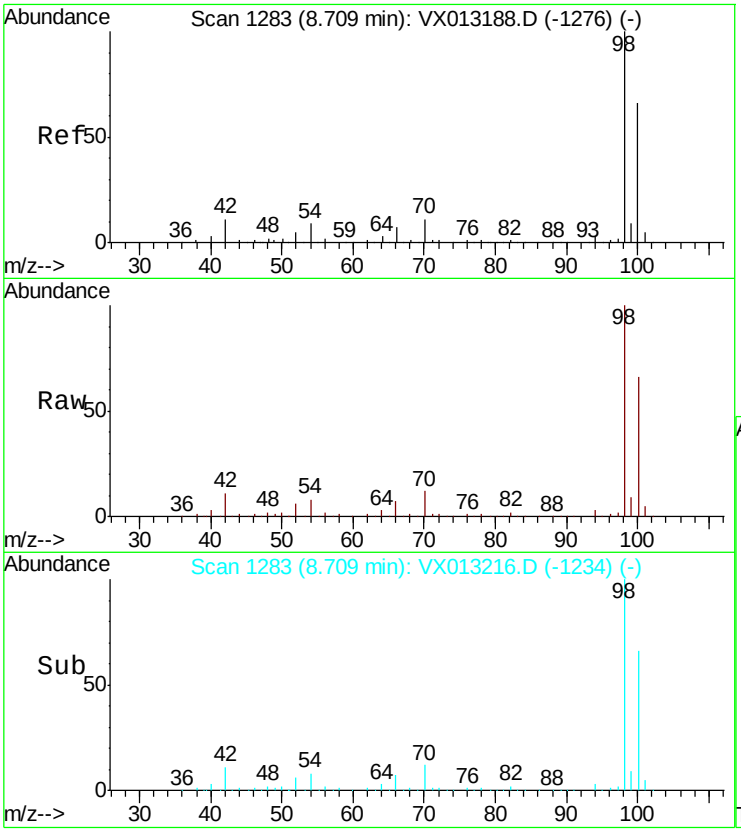


#44
Trichloroethene
Concen: 4.234 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:130 Resp: 6916

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	193.6



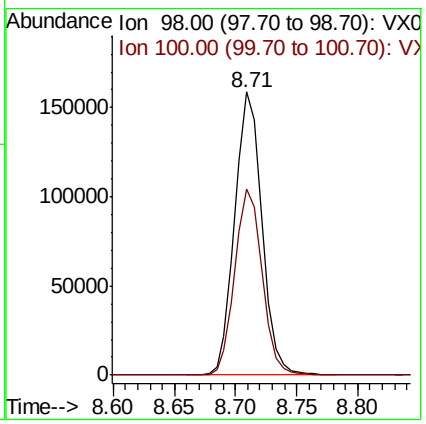


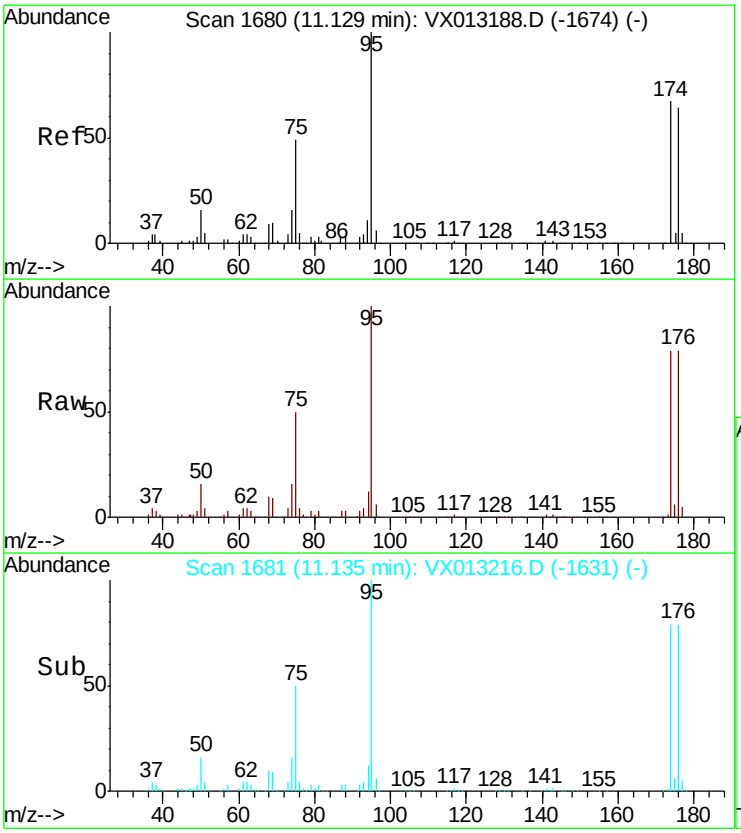
#50
Toluene-d8
Concen: 51.582 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion: 98 Resp: 244246

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

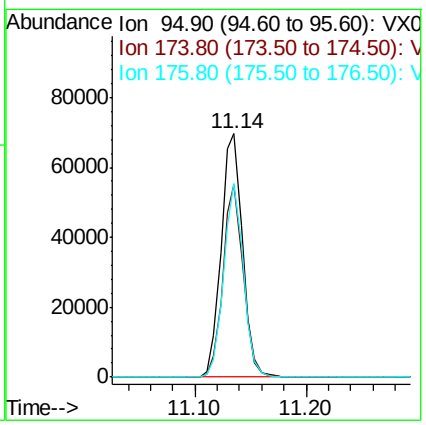


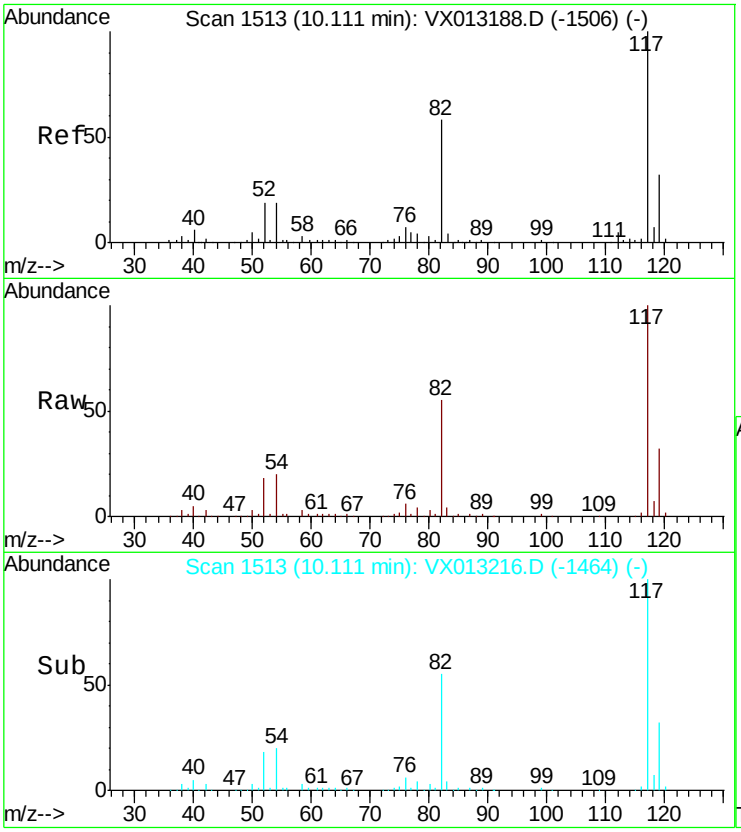


#62
4-Bromofluorobenzene
Concen: 49.074 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 95 Resp: 91974

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	152.4
176	73.8	0.0	146.0



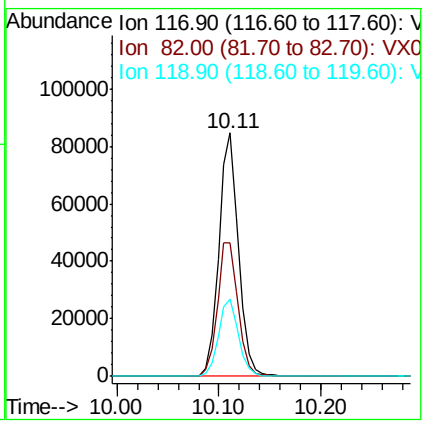


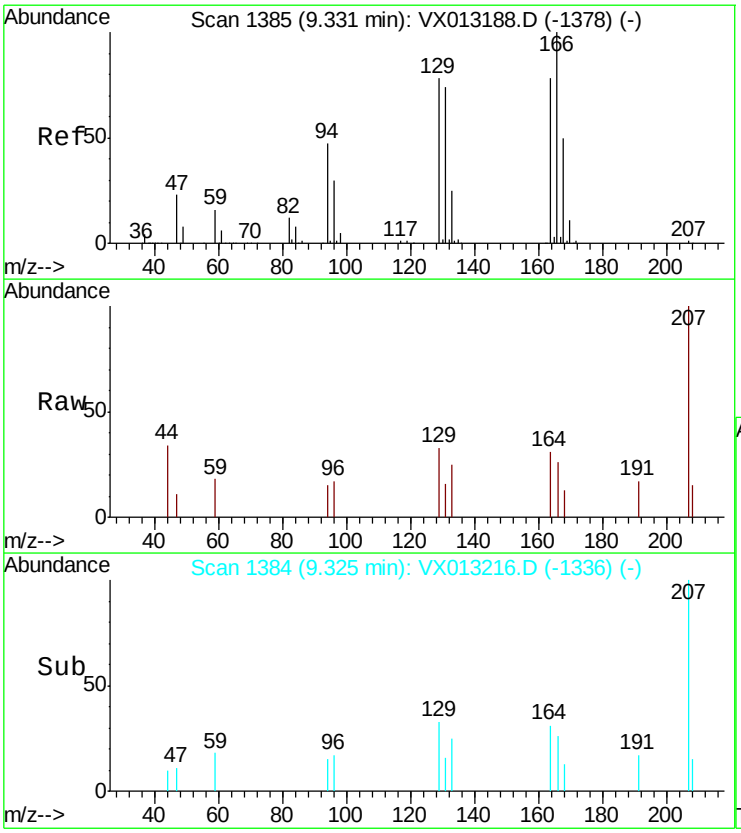
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 113289

Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.5	69.7
119	31.7	25.2	37.8

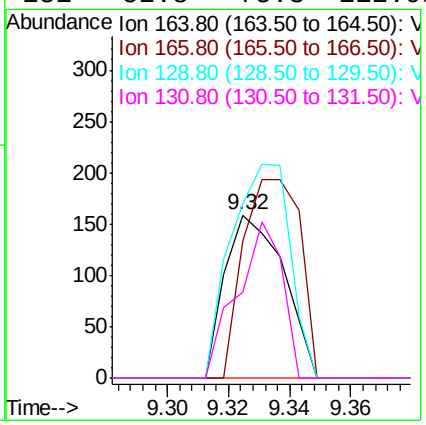


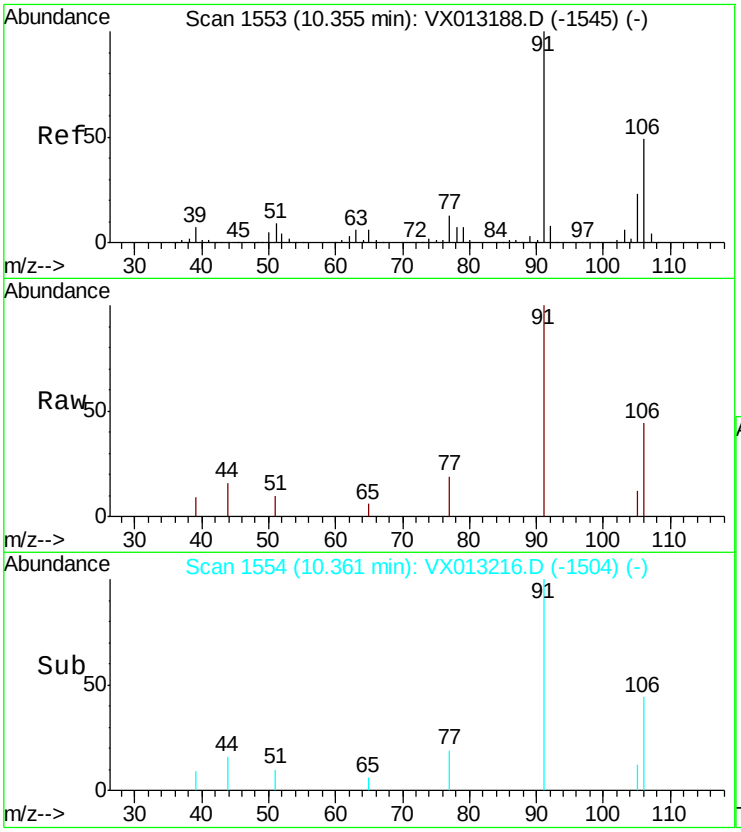


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:164 Resp: 211

Ion	Ratio	Lower	Upper
164	100		
166	84.3	102.2	153.4#
129	106.9	79.8	119.8
131	52.8	75.3	112.9#



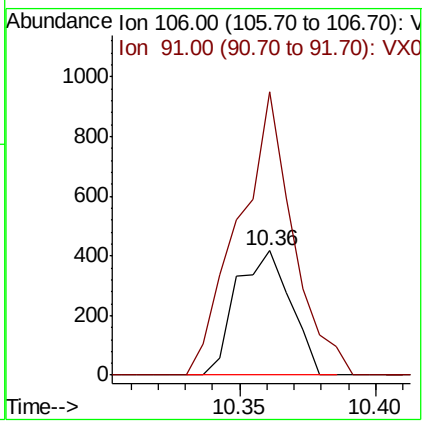


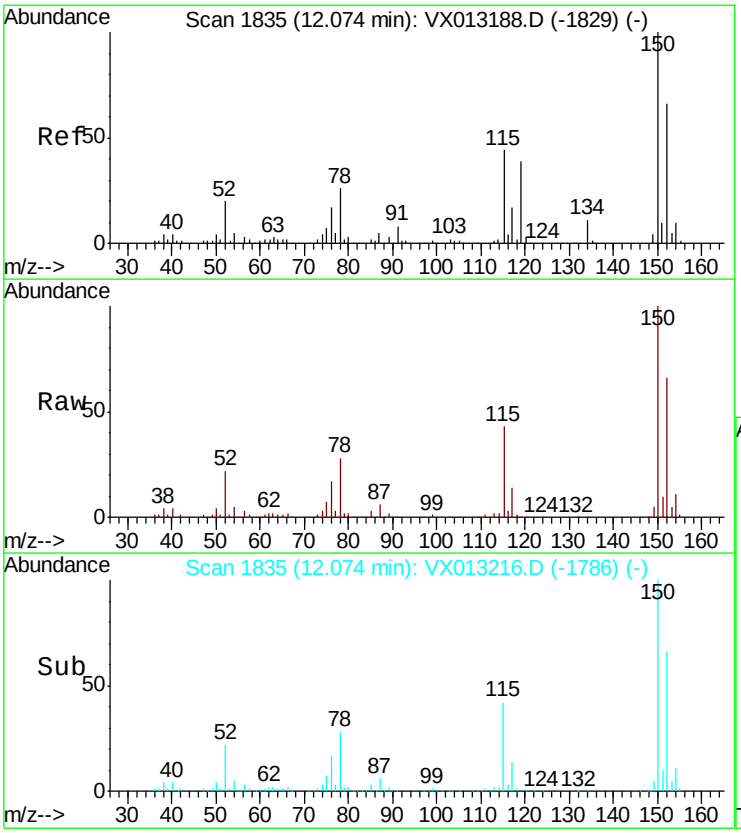
#68
m/p-Xylenes
Concen: 0.215 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 576

Ion	Ratio	Lower	Upper
106	100		
91	229.5	166.8	250.2

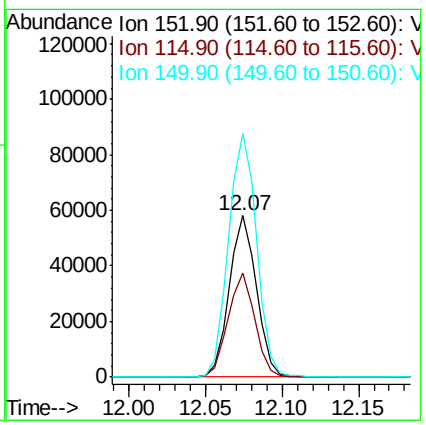


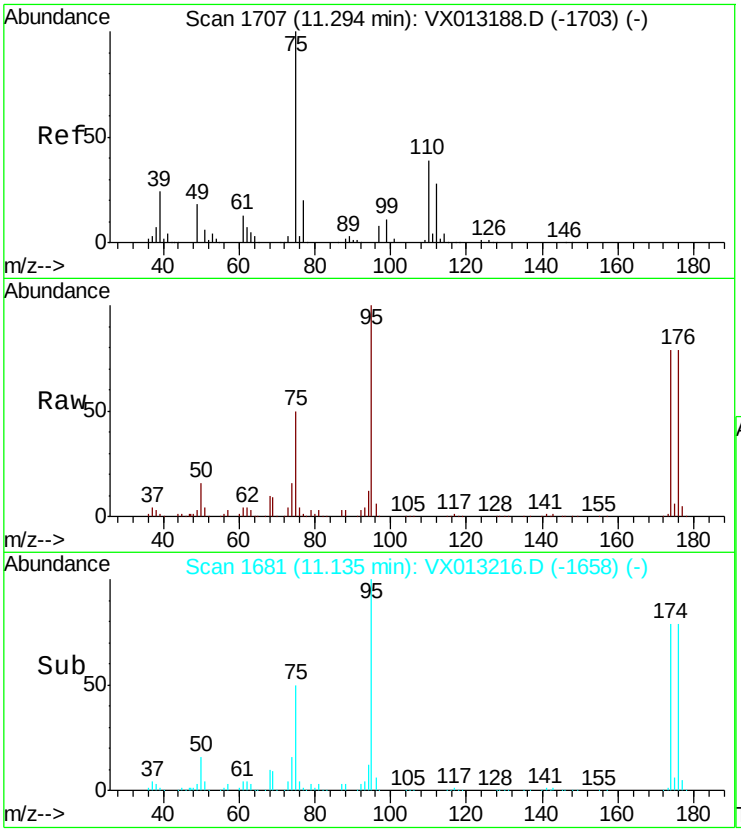


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:152 Resp: 71255

Ion	Ratio	Lower	Upper
152	100		
115	63.4	46.6	139.8
150	156.4	0.0	354.0



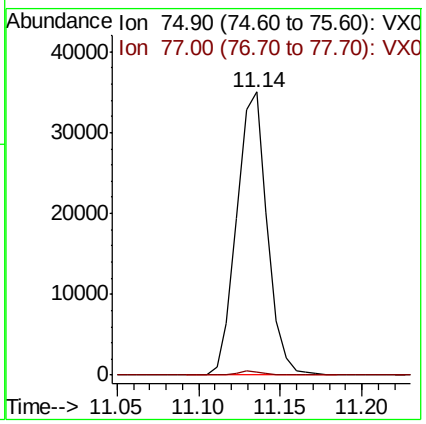


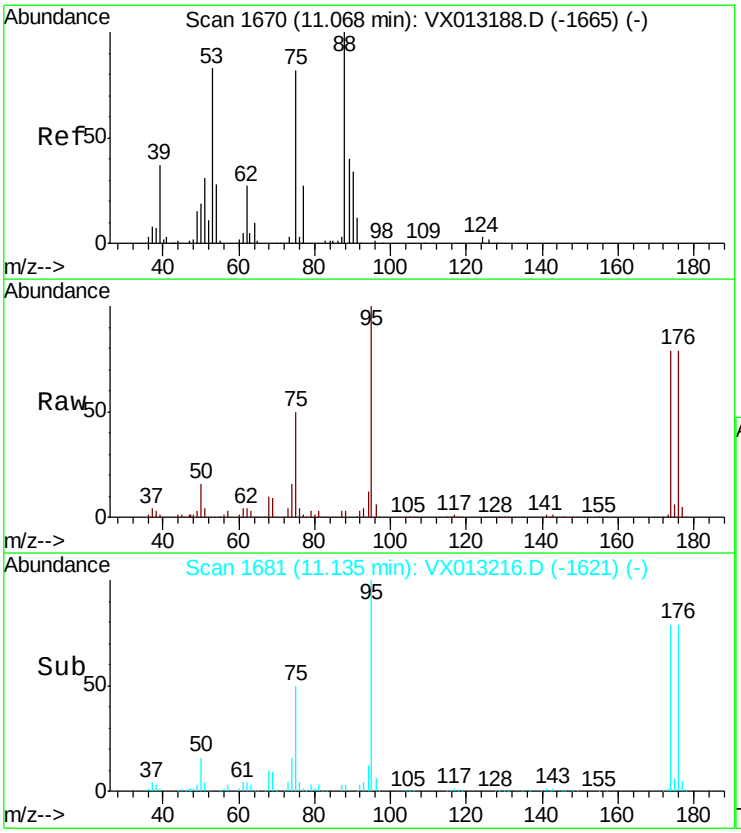
#76
1,2,3-Trichloropropane
Concen: 26.654 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 45775

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#

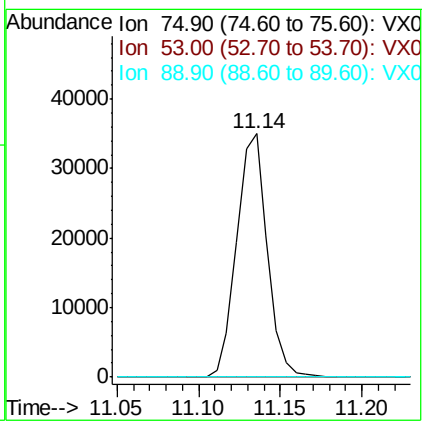


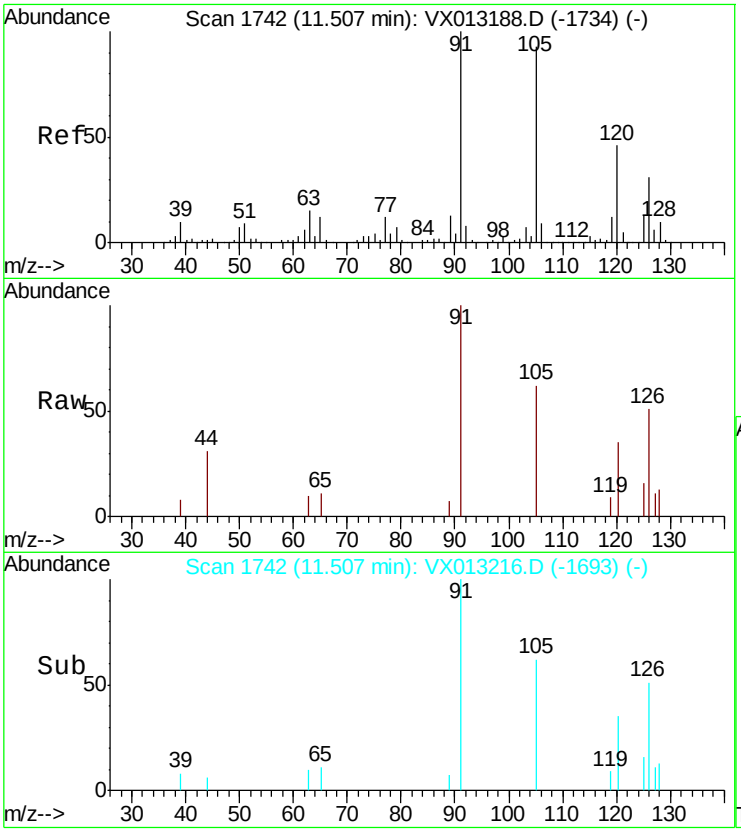


#81
trans-1,4-Dichloro-2-butene
Concen: 73.244 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 75 Resp: 45775

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.9	116.9#
89	0.0	37.3	55.9#



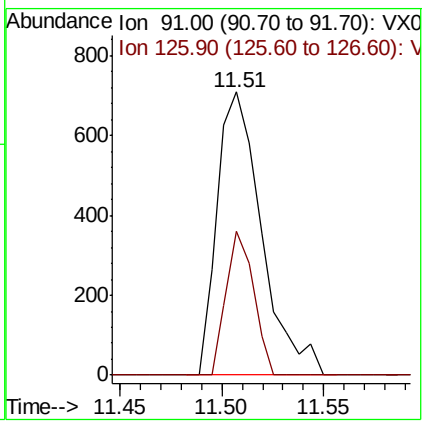


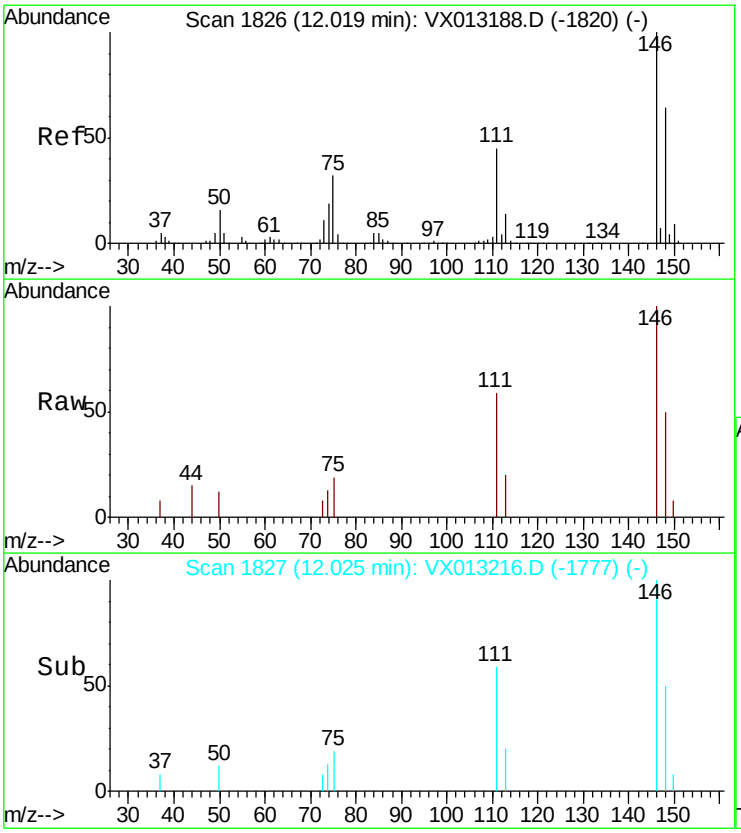
#82
4-Chlorotoluene
Concen: 0.213 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 1072

Ion	Ratio	Lower	Upper
91	100		
126	31.1	14.6	44.0

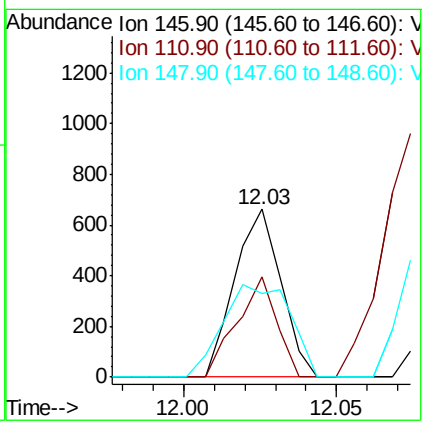


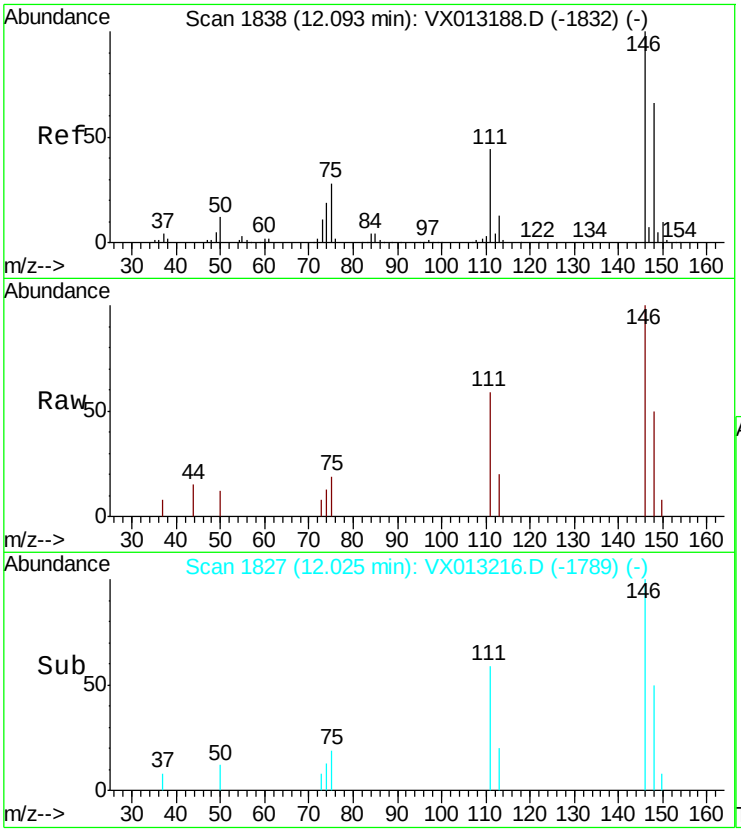


#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:146 Resp: 693

Ion	Ratio	Lower	Upper
146	100		
111	50.9	21.3	63.9
148	80.1	31.6	94.8



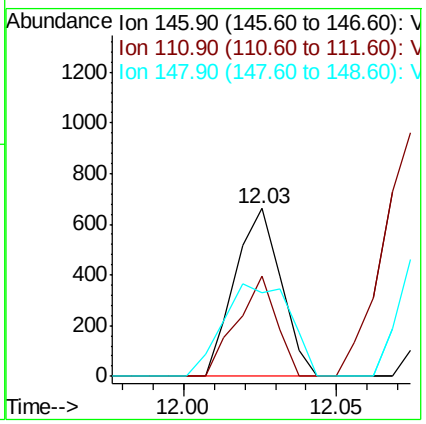


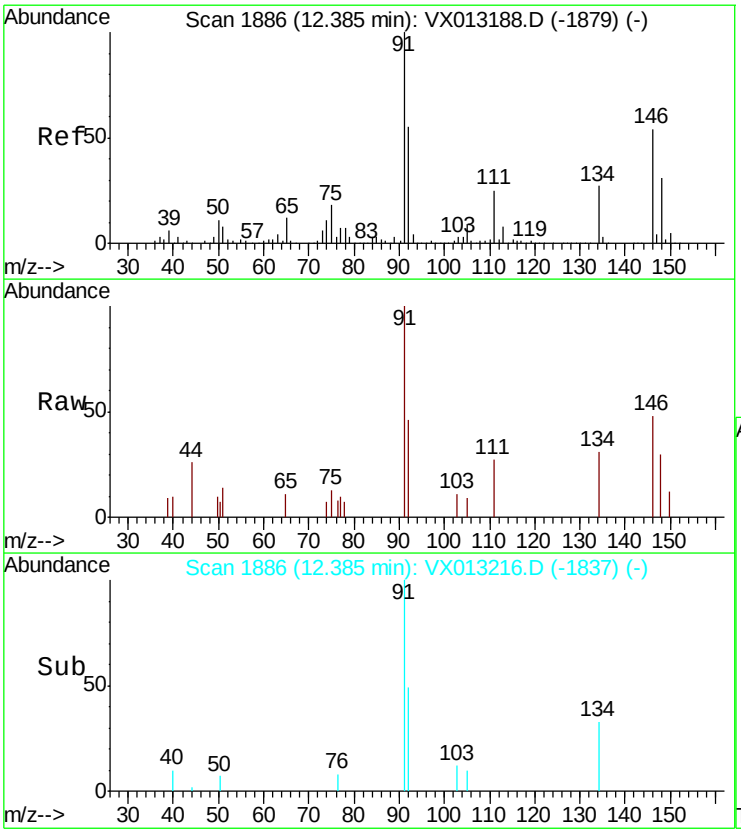
#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 693

Ion	Ratio	Lower	Upper
146	100		
111	50.9	21.3	63.9
148	80.1	32.5	97.5

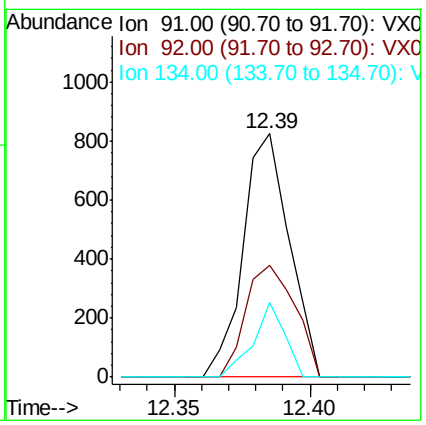


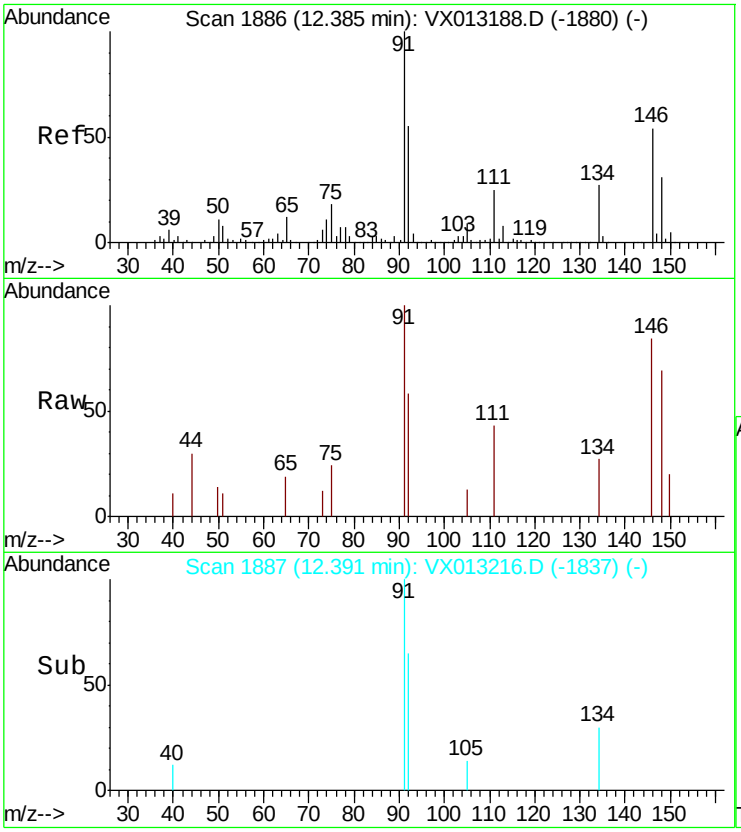


#89
n-Butylbenzene
Concen: 0.208 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion: 91 Resp: 970

Ion	Ratio	Lower	Upper
91	100		
92	48.8	27.7	83.1
134	20.9	13.2	39.6



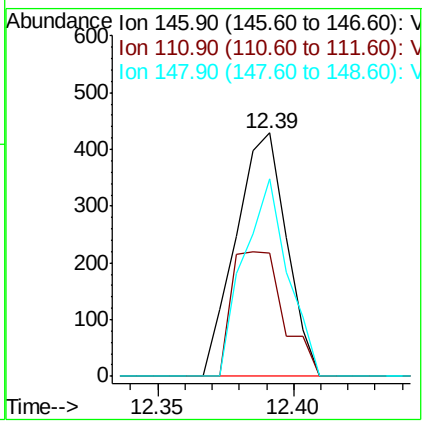


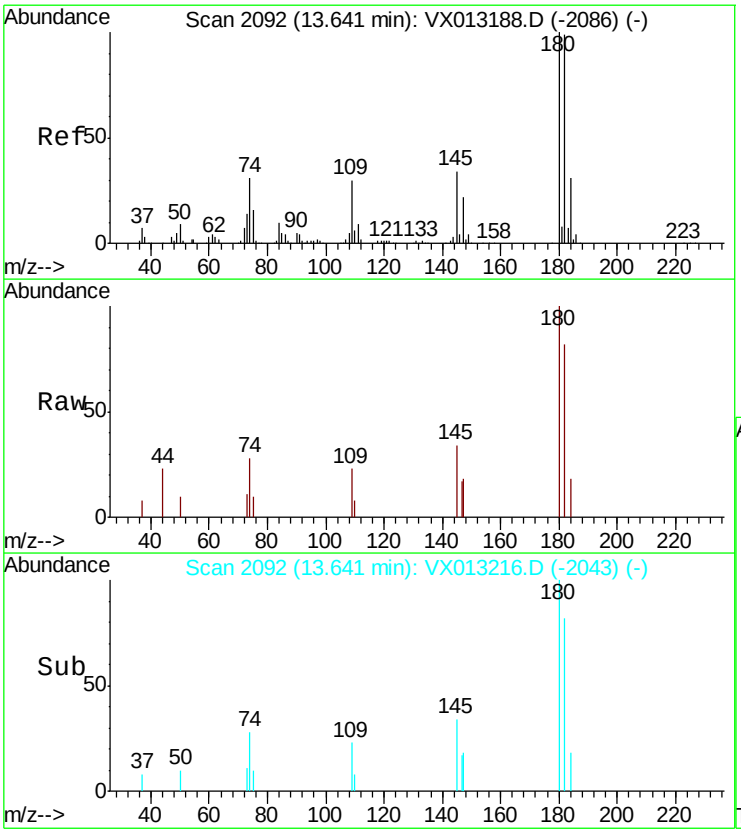
#91
1,2-Dichlorobenzene
Concen: 0.201 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 554

Ion	Ratio	Lower	Upper
146	100		
111	52.3	22.9	68.8
148	70.6	31.8	95.3

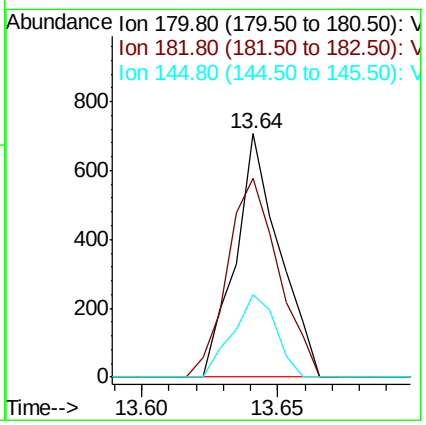


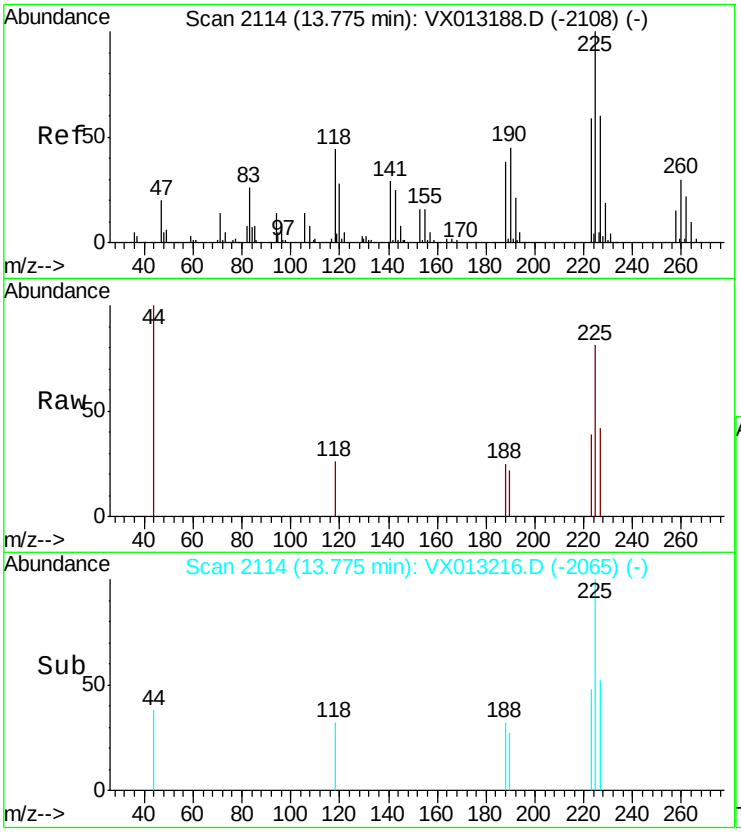


#93
1,2,4-Trichlorobenzene
Concen: 0.455 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:180 Resp: 790

Ion	Ratio	Lower	Upper
180	100		
182	95.2	45.9	137.6
145	33.0	15.9	47.6



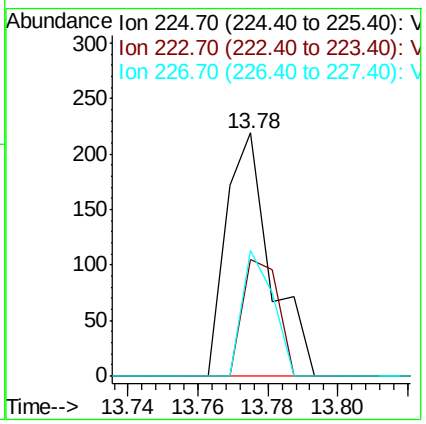


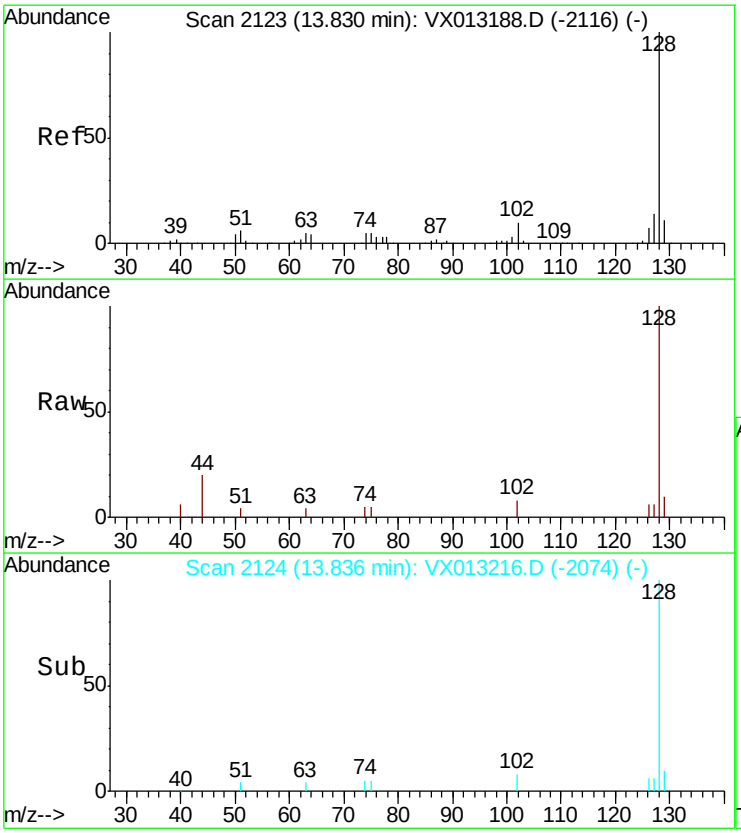
#94
Hexachlorobutadiene
Concen: 0.216 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument : MSVOA_X
ClientSampleId : IBLK

Tgt Ion:225 Resp: 194

Ion	Ratio	Lower	Upper
225	100		
223	38.1	30.9	92.5
227	35.6	30.3	90.9

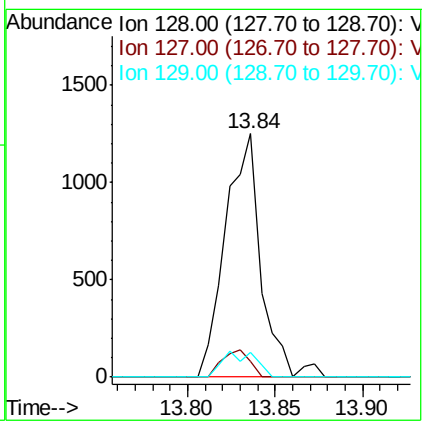


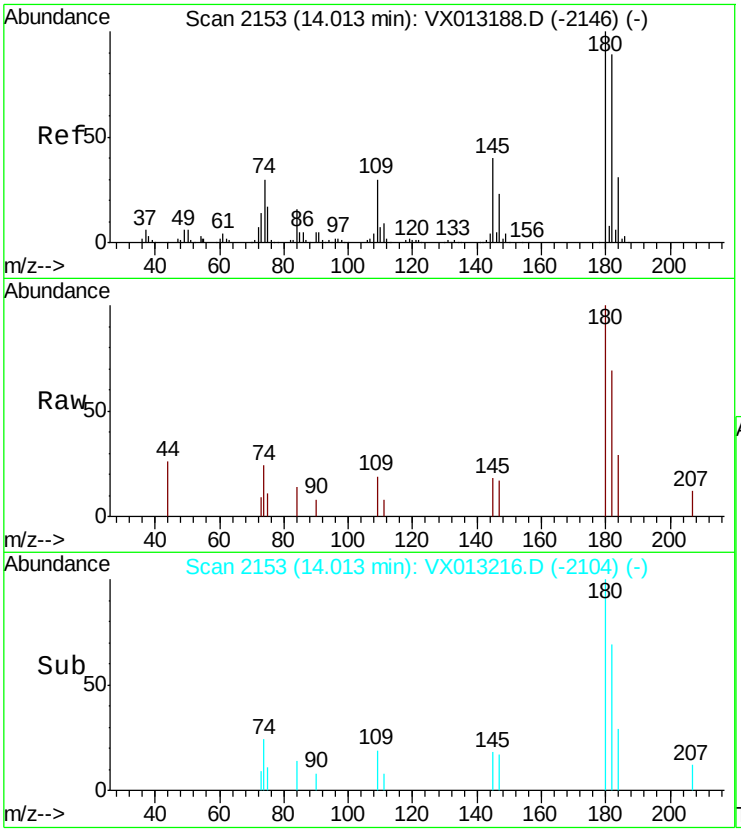


#95
Naphthalene
Concen: 0.333 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Tgt Ion:128 Resp: 1773

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.7	16.1#
129	9.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.434 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013216.D
Acq: 24 Oct 2019 17:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 744

Ion	Ratio	Lower	Upper
180	100		
182	87.5	48.3	144.9
145	34.5	18.6	55.6