Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091919\
Data File : VX012528.D
Acq On : 19 Sep 2019 15:11
Operator : JC/SP
Sample : K4858-26DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D6-20190911DL

Quant Time: Sep 20 04:33:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129179	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.60%			
35) Dibromofluoromethane	5.48	113	91070	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	8.71	98	356160	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.36%			
62) 4-Bromofluorobenzene	11.14	95	131515	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24	0.410	ug/l #	43
3) Chloromethane	1.33	50	349	0.330	ug/l #	43
5) Bromomethane	1.64	94	454	1.010	ug/l	99
6) Chloroethane	1.69	64	320	0.357	ug/l #	66
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1824	1.202	ug/l	95
10) Methyl Iodide	2.51	142	303	4.654	ug/l #	62
11) Tert butyl alcohol	3.00	59	5026	1.339	ug/l #	84
12) 1,1-Dichloroethene	2.36	96	675	0.557	ug/l	93
13) Acrolein	2.28	56	63	Below Cal	#	1
16) Acetone	2.43	43	846	Below Cal	#	70
17) Carbon Disulfide	2.57	76	168	1.901	ug/l #	1
20) Methylene Chloride	2.84	84	938	0.561	ug/l #	87
30) Chloroform	5.20	83	813	0.224	ug/l	98
31) Cyclohexane	5.57	56	532	0.279	ug/l #	45
36) 1,1-Dichloropropene	5.65	75	16497	8.910	ug/l #	54
38) Carbon Tetrachloride	5.65	117	21250	9.228	ug/l #	16
39) Methylcyclohexane	7.45	83	702	0.390	ug/l #	51
44) Trichloroethene	7.21	130	100498	64.888	ug/l	99
49) 1,4-Dioxane	7.76	88	42	0.718	ug/l #	1
64) Tetrachloroethene	9.34	164	529	0.444	ug/l #	52
67) Ethyl Benzene	10.25	91	2472	0.336	ug/l	100
68) m/p-Xylenes	10.37	106	1183	0.441	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	70162	27.840	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	70162	74.794	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.81	105	2385	0.396	ug/l	94
95) Naphthalene	13.83	128	1590	0.210	ug/l	97

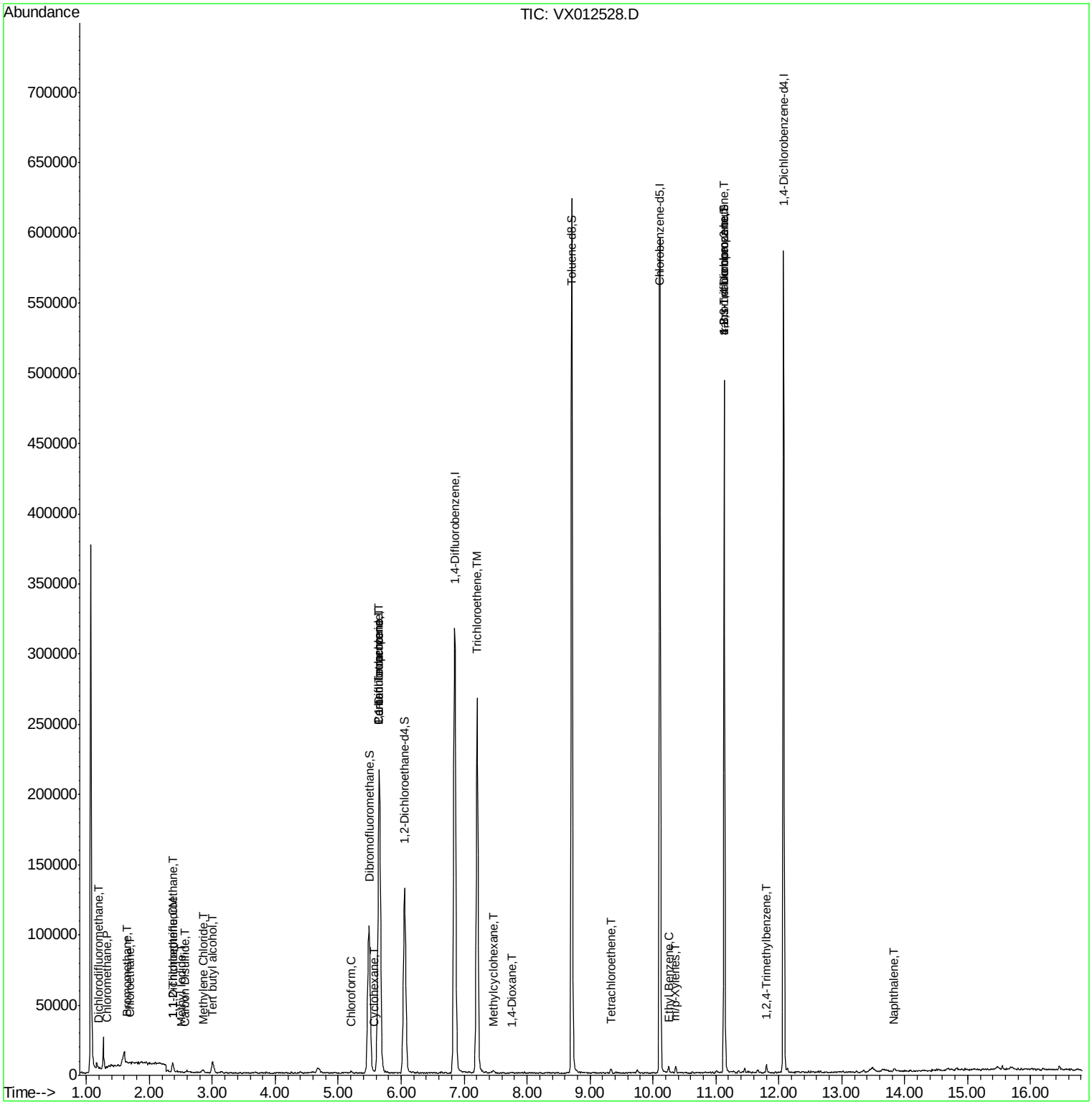
(#) = qualifier out of range (m) = manual integration (+) = signals summed

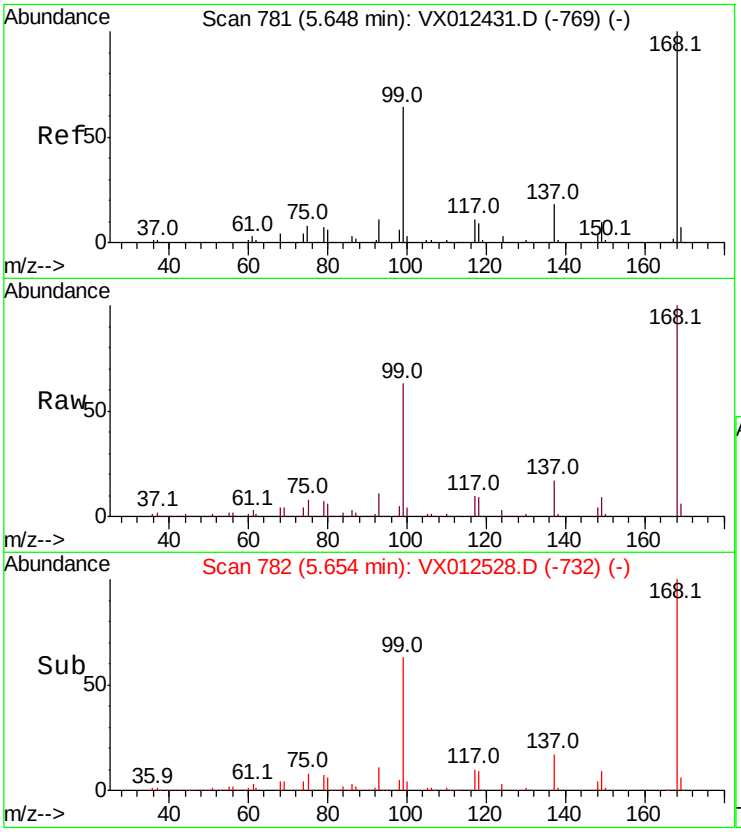
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091919\
Data File : VX012528.D
Acq On : 19 Sep 2019 15:11
Operator : JC/SP
Sample : K4858-26DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Quant Time: Sep 20 04:33:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



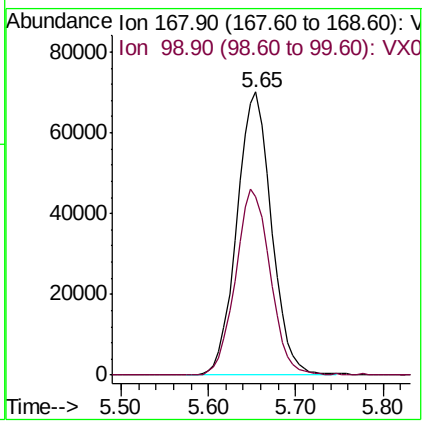


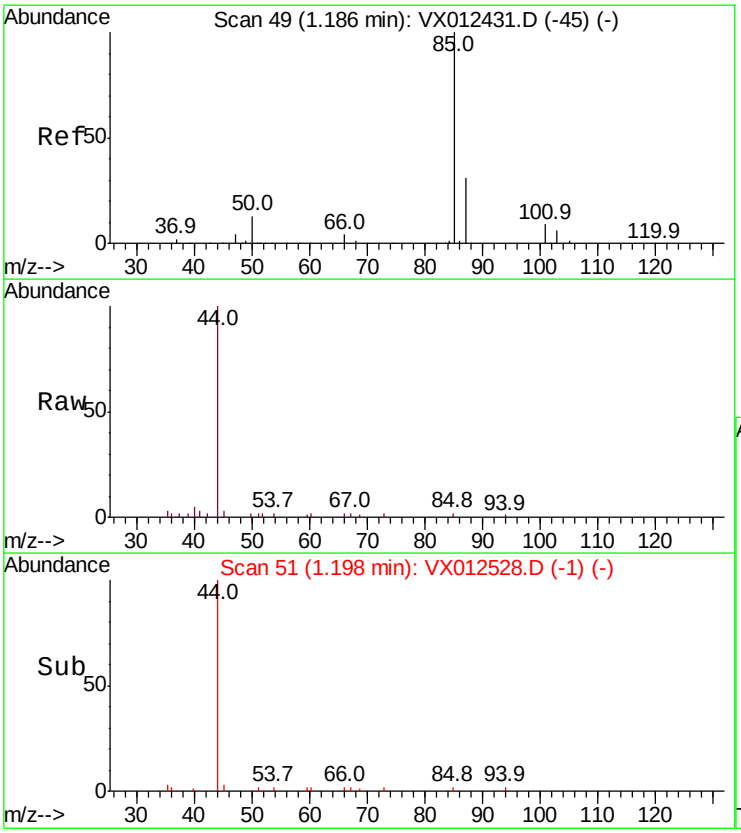
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:168 Resp: 192597

Ion	Ratio	Lower	Upper
168	100		
99	63.2	51.4	77.2

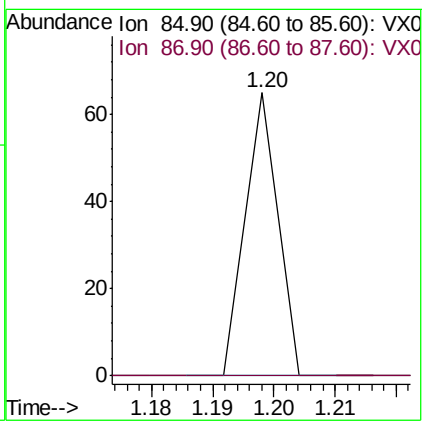


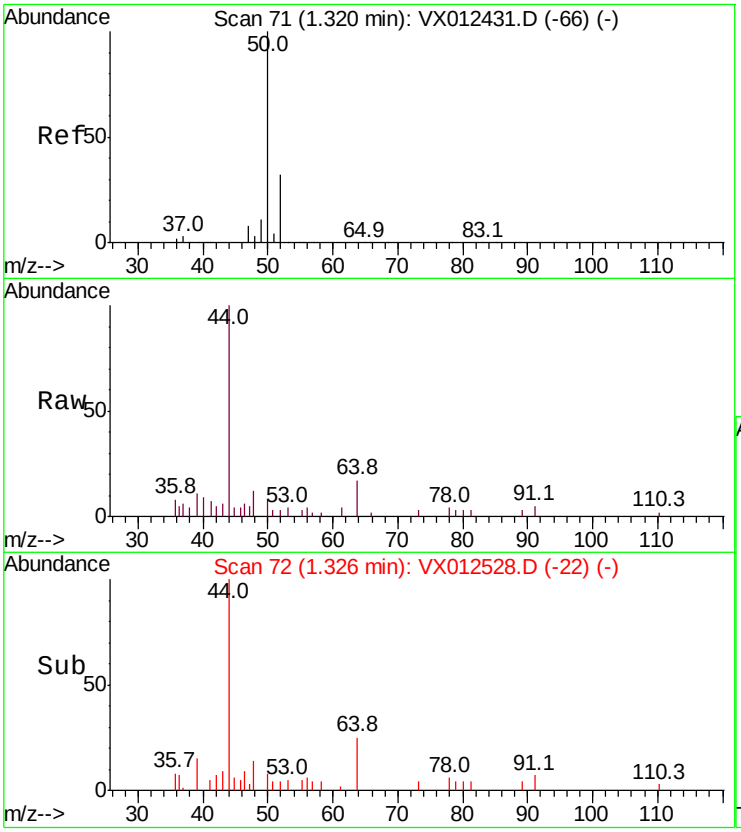


#2
Dichlorodifluoromethane
Concen: 0.410 ug/l
RT: 1.20 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 85 Resp: 24

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



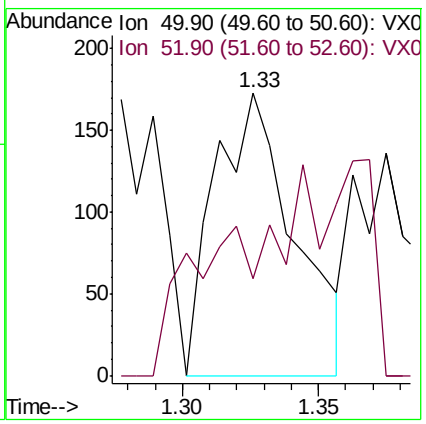


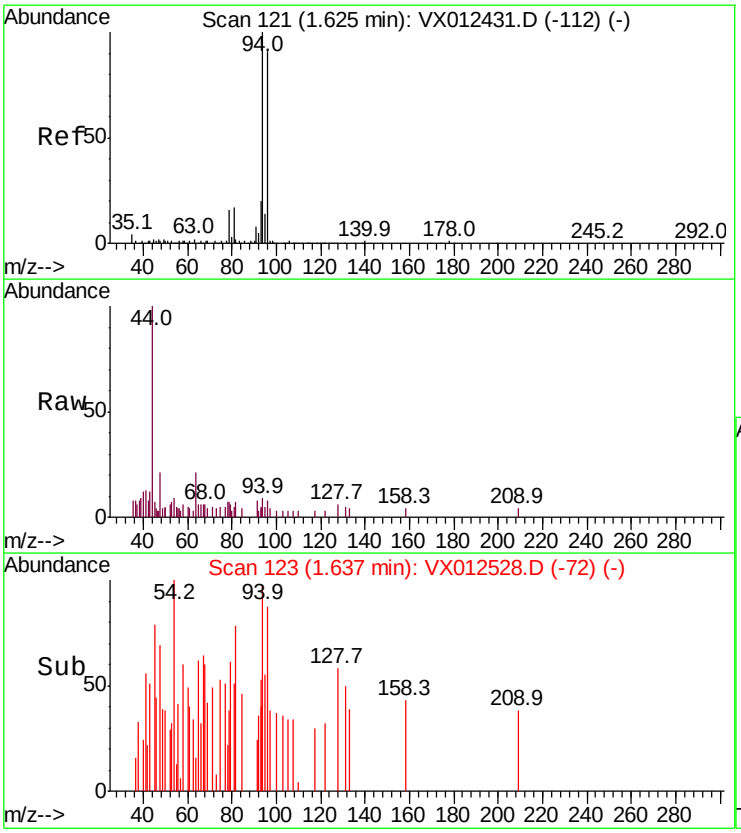
#3
Chloromethane
Concen: 0.330 ug/l
RT: 1.33 min Scan# 72
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 50 Resp: 349

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#

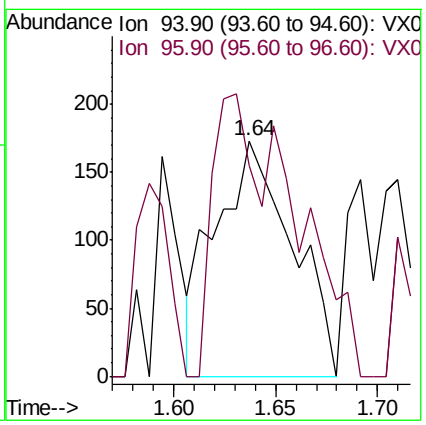


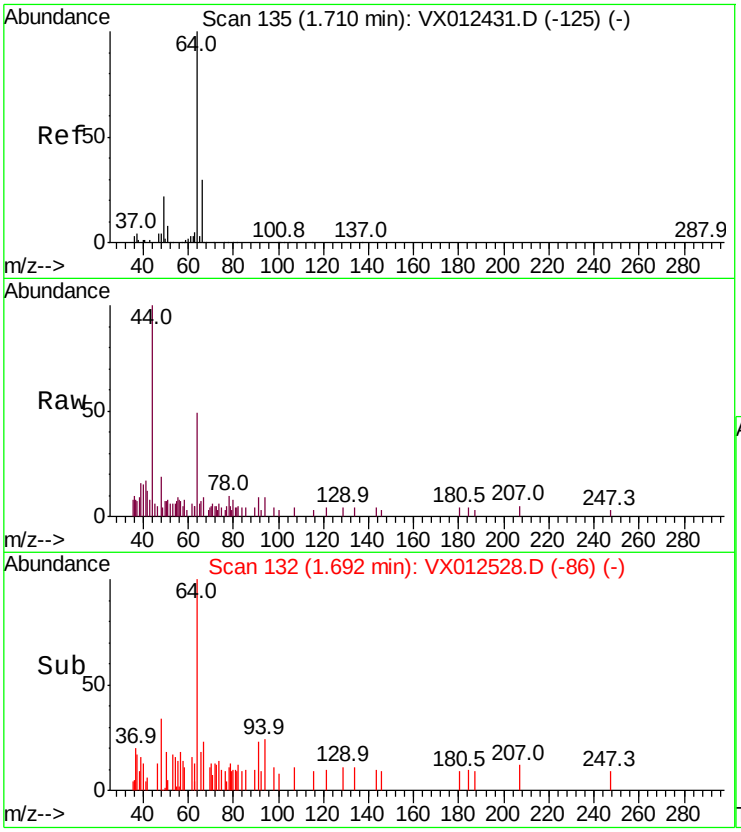


#5
Bromomethane
Concen: 1.010 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 94 Resp: 454

Ion	Ratio	Lower	Upper
94	100		
96	89.6	72.8	109.2



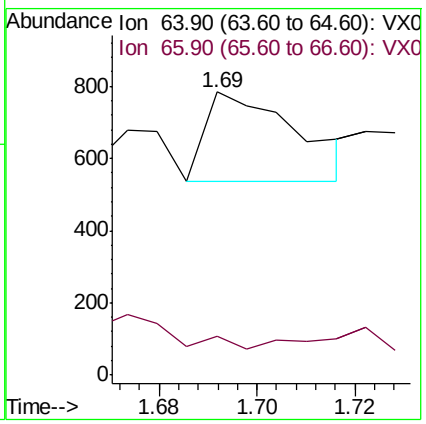


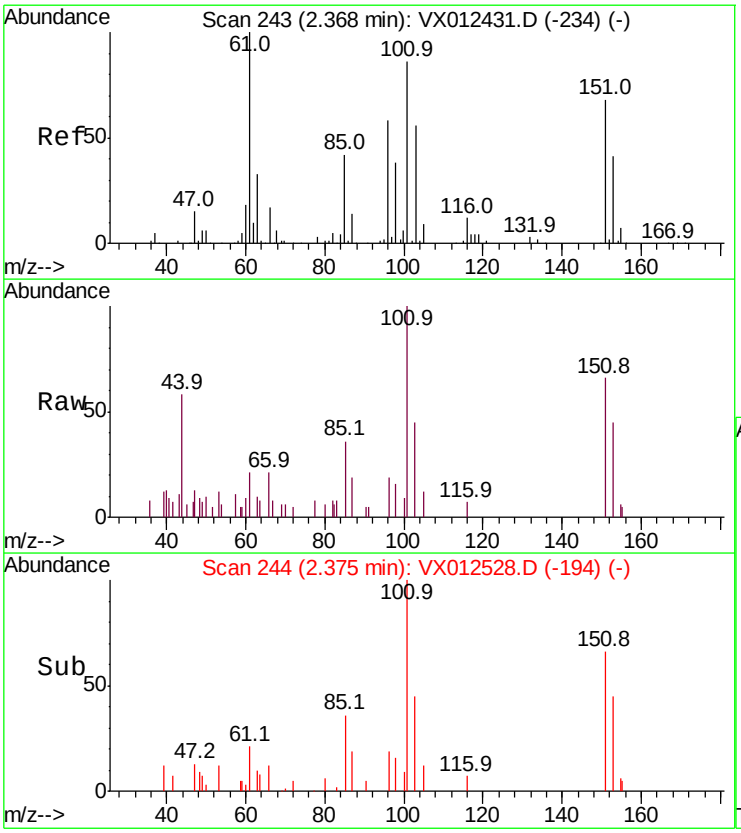
#6
Chloroethane
Concen: 0.357 ug/l
RT: 1.69 min Scan# 132
Delta R.T. -0.02 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 64 Resp: 320

Ion	Ratio	Lower	Upper
64	100		
66	11.7	24.0	36.0#

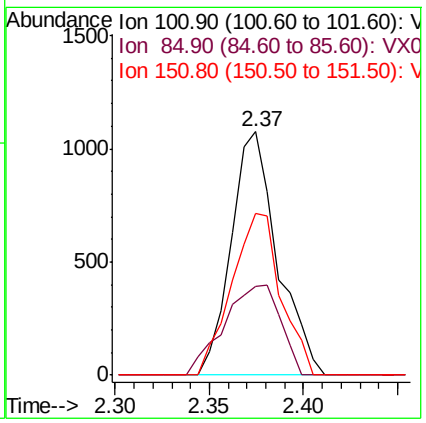


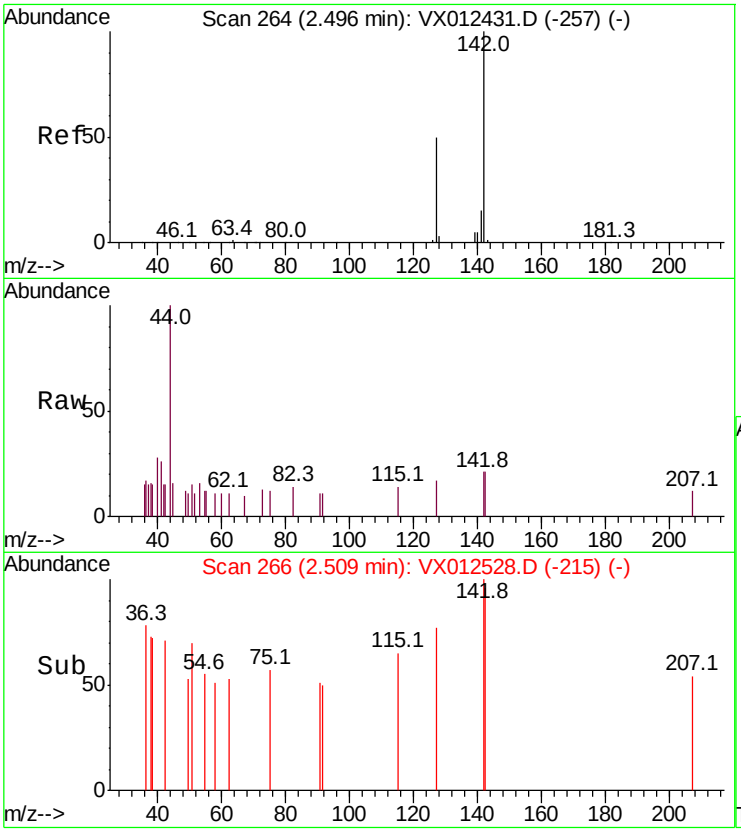


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.202 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:101 Resp: 1824

Ion	Ratio	Lower	Upper
101	100		
85	45.1	37.3	55.9
151	70.6	61.0	91.4



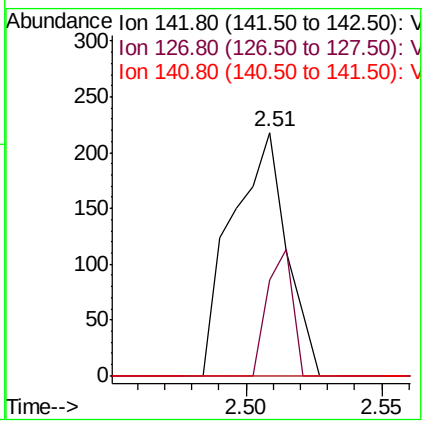


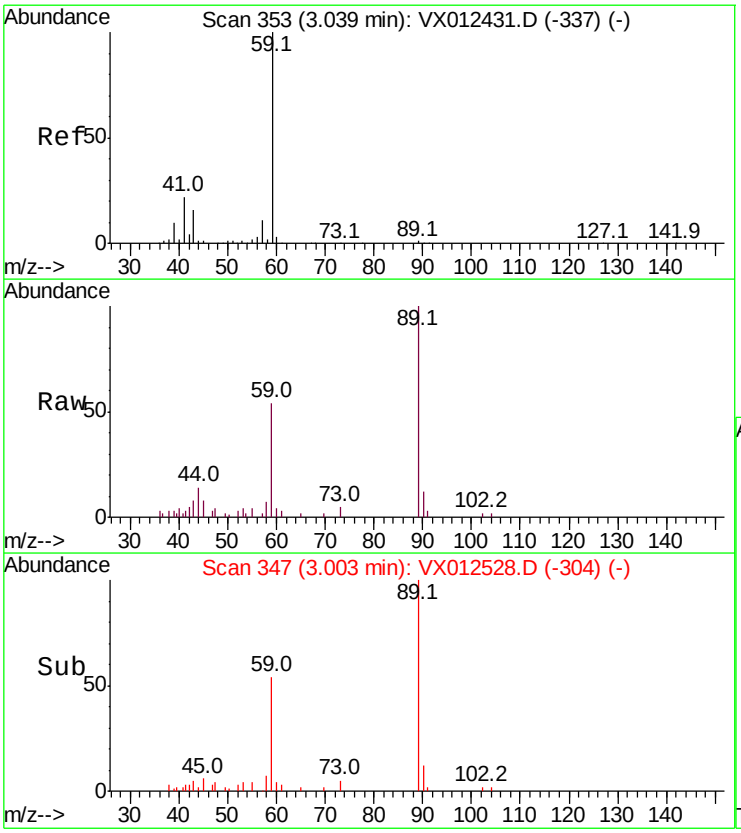
#10
Methyl Iodide
Concen: 4.654 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:142 Resp: 303

Ion	Ratio	Lower	Upper
142	100		
127	24.1	40.8	61.2#
141	0.0	12.1	18.1#

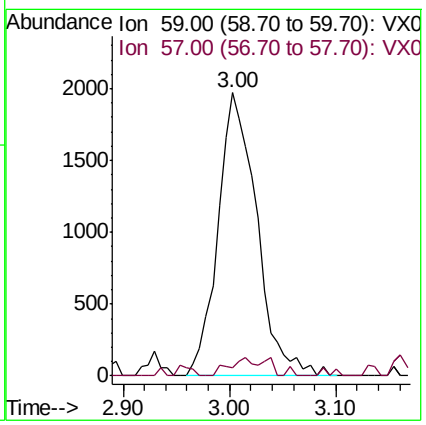


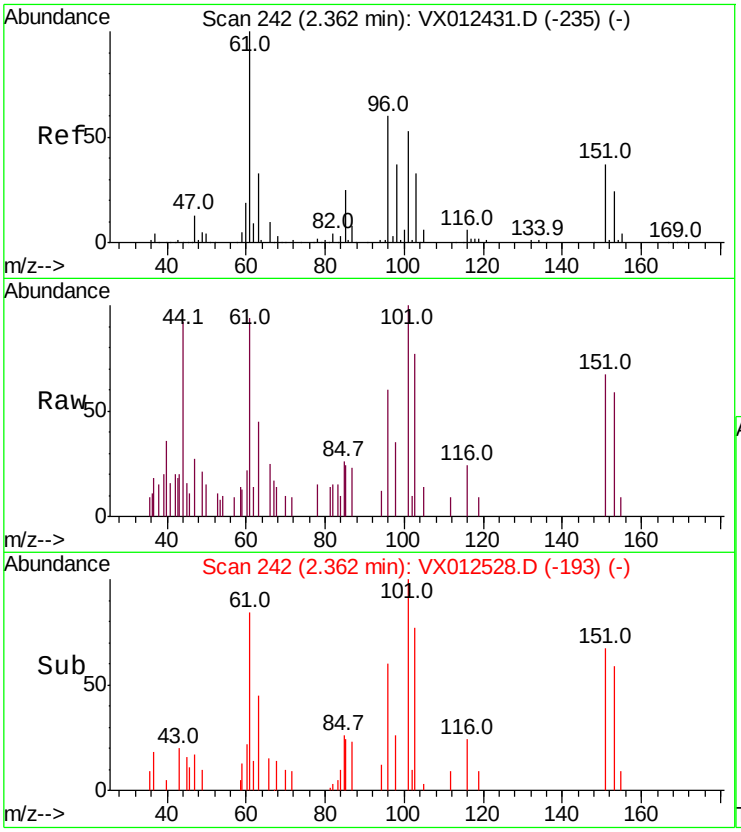


#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 59 Resp: 5026

Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.3	12.5#



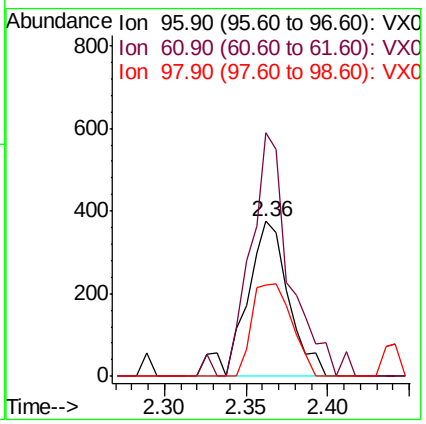


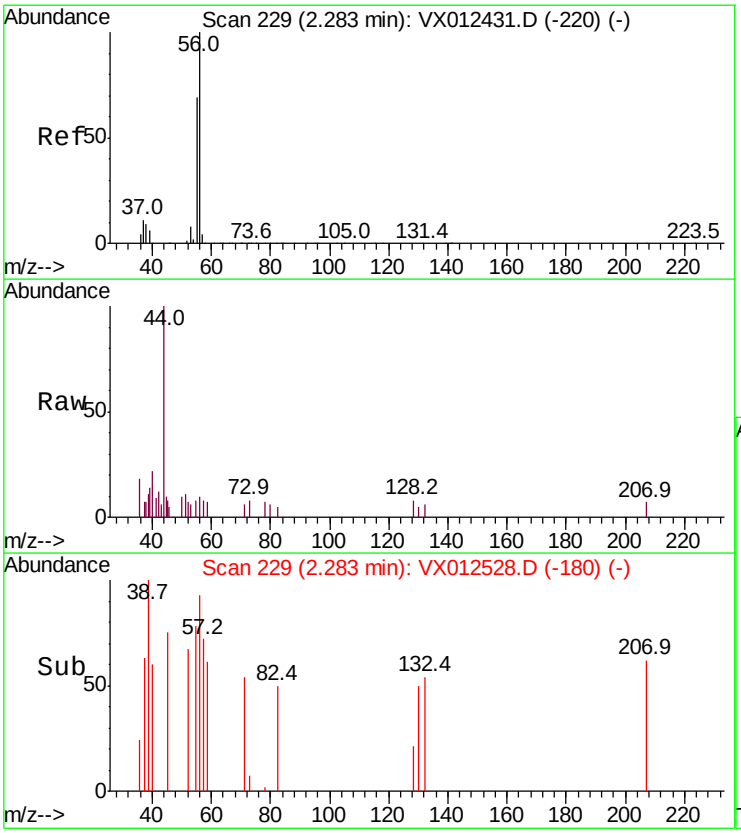
#12
1,1-Dichloroethene
Concen: 0.557 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 96 Resp: 675

Ion	Ratio	Lower	Upper
96	100		
61	157.1	133.8	200.6
98	58.7	49.9	74.9

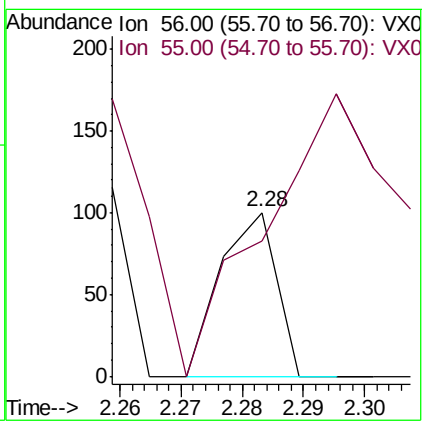


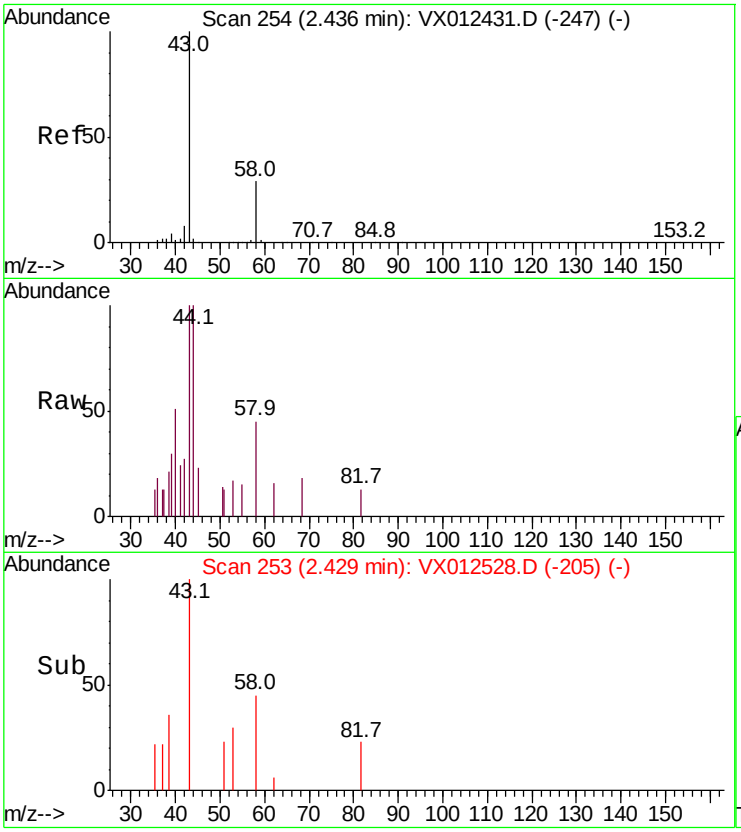


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	469.8	55.8	83.8#



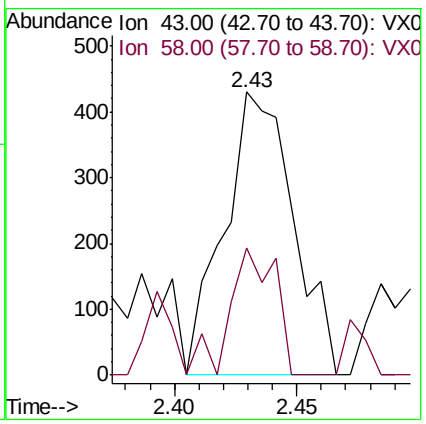


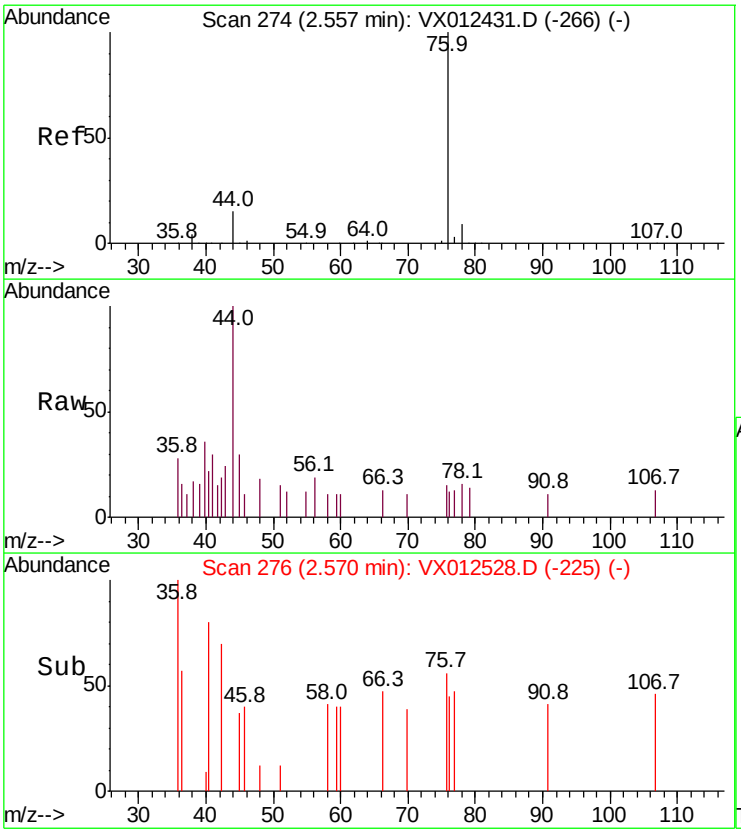
#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument : MSVOA_X
ClientSampleId : RE132D6-20190911DL

Tgt Ion: 43 Resp: 846

Ion	Ratio	Lower	Upper
43	100		
58	44.9	23.3	34.9#

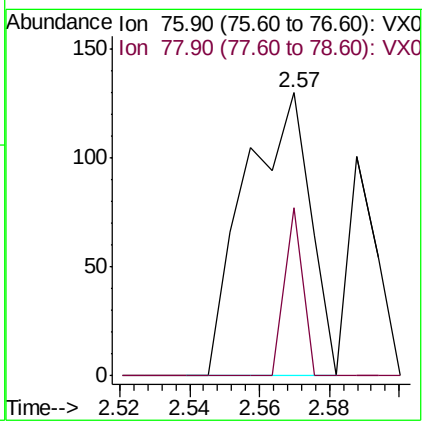


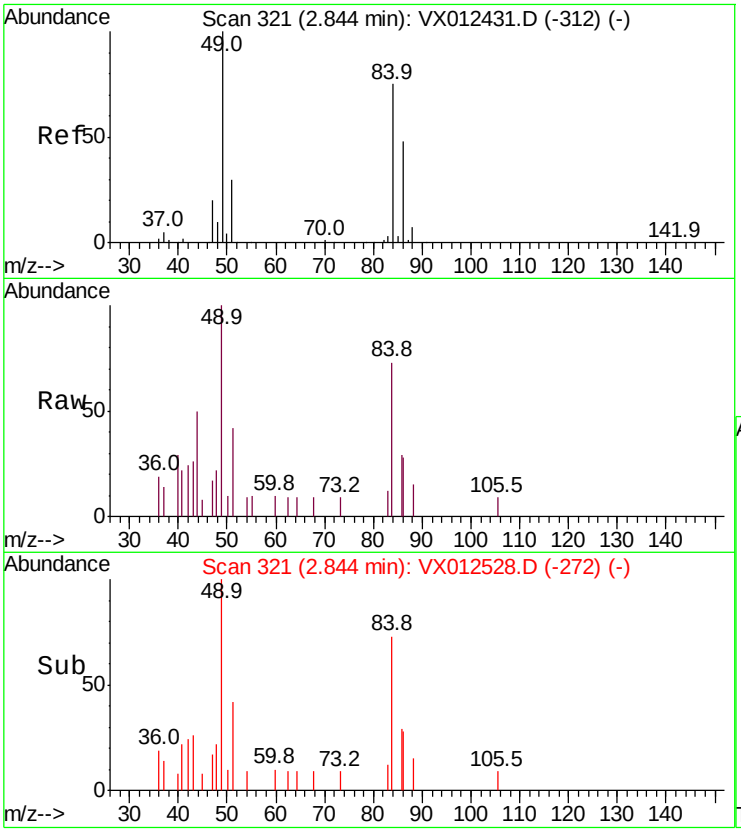


#17
Carbon Disulfide
Concen: 1.901 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 76 Resp: 168

Ion	Ratio	Lower	Upper
76	100		
78	59.2	7.3	10.9#



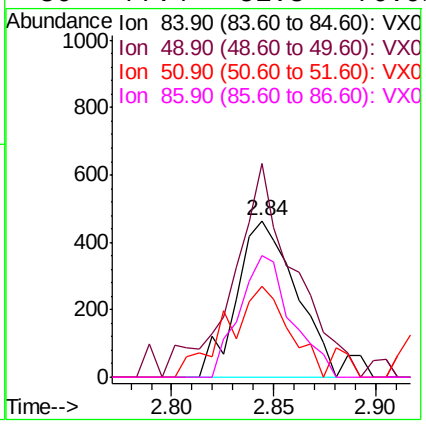


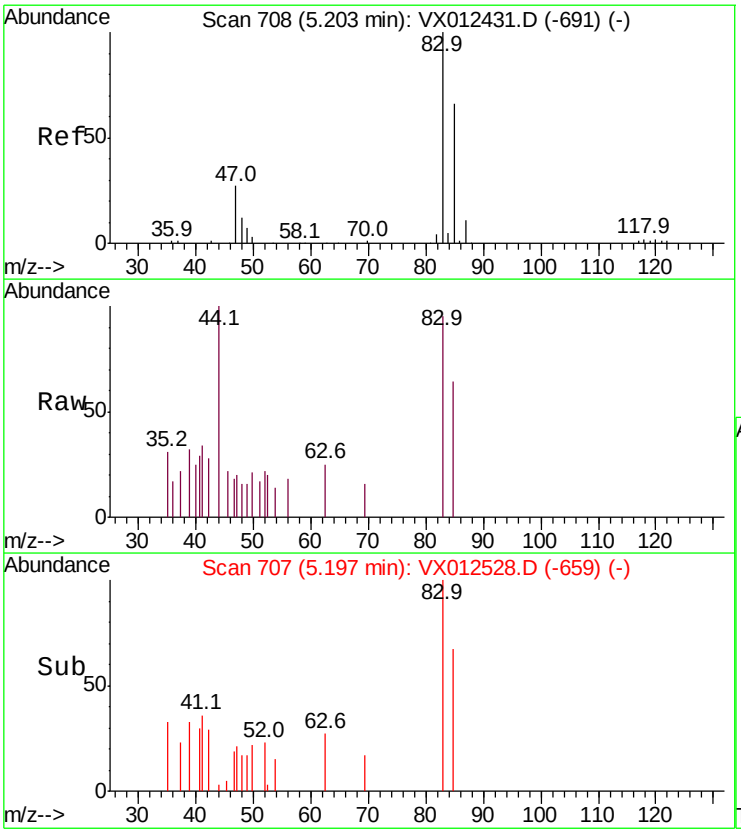
#20
Methylene Chloride
Concen: 0.561 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument : MSVOA_X
ClientSampleId : RE132D6-20190911DL

Tgt Ion: 84 Resp: 938

Ion	Ratio	Lower	Upper
84	100		
49	117.6	106.8	160.2
51	44.7	32.3	48.5
86	77.4	51.3	76.9#

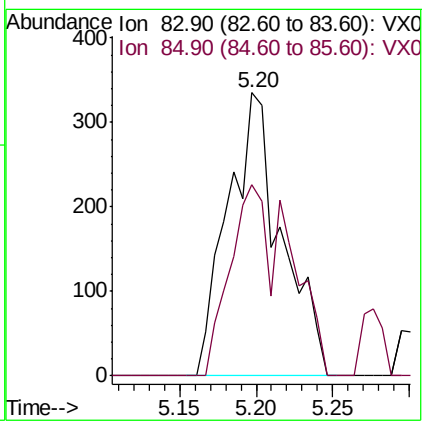


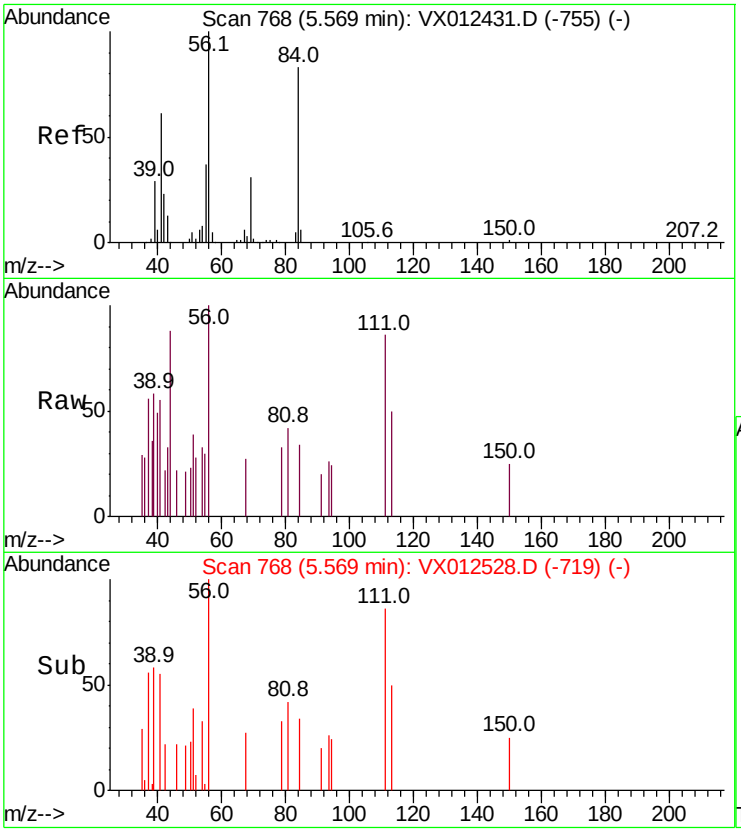


#30
Chloroform
Concen: 0.224 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 83 Resp: 813

Ion	Ratio	Lower	Upper
83	100		
85	67.5	53.0	79.4



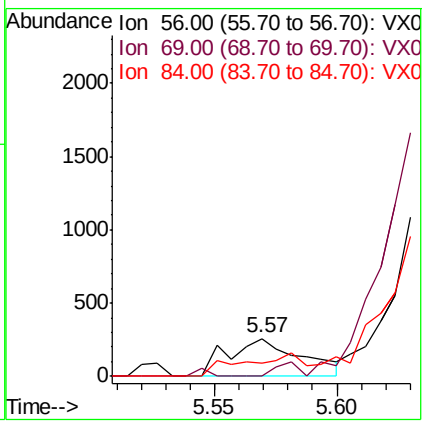


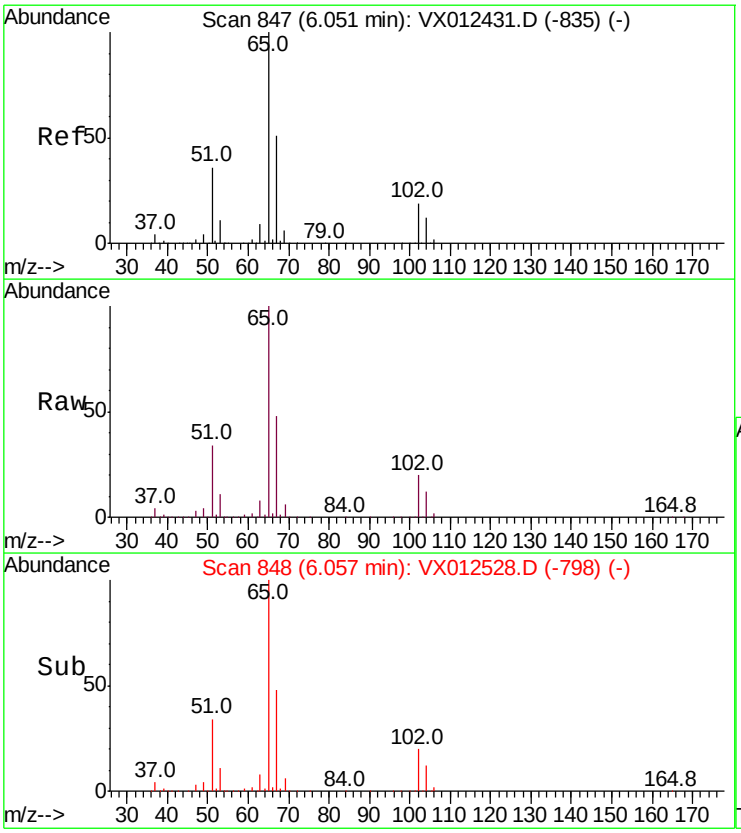
#31
Cyclohexane
Concen: 0.279 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument : MSVOA_X
ClientSampleId : RE132D6-20190911DL

Tgt Ion: 56 Resp: 532

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.0	37.6#
84	34.5	66.4	99.6#

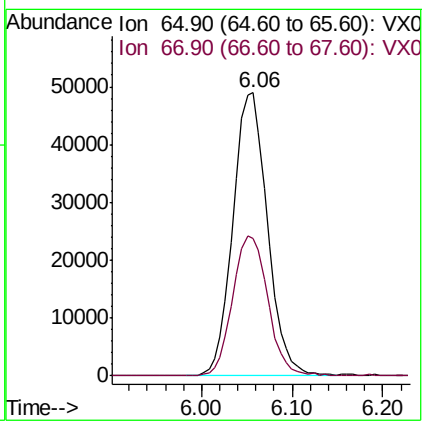


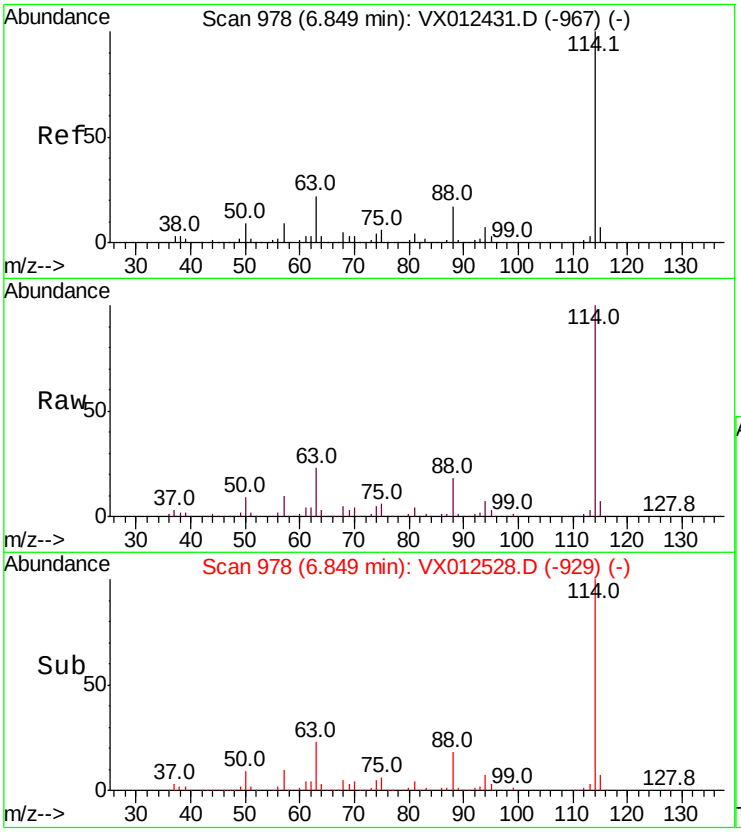


#33
1,2-Dichloroethane-d4
Concen: 46.799 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 65 Resp: 129179

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.2



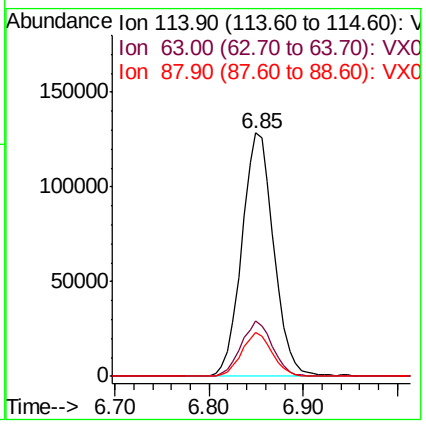


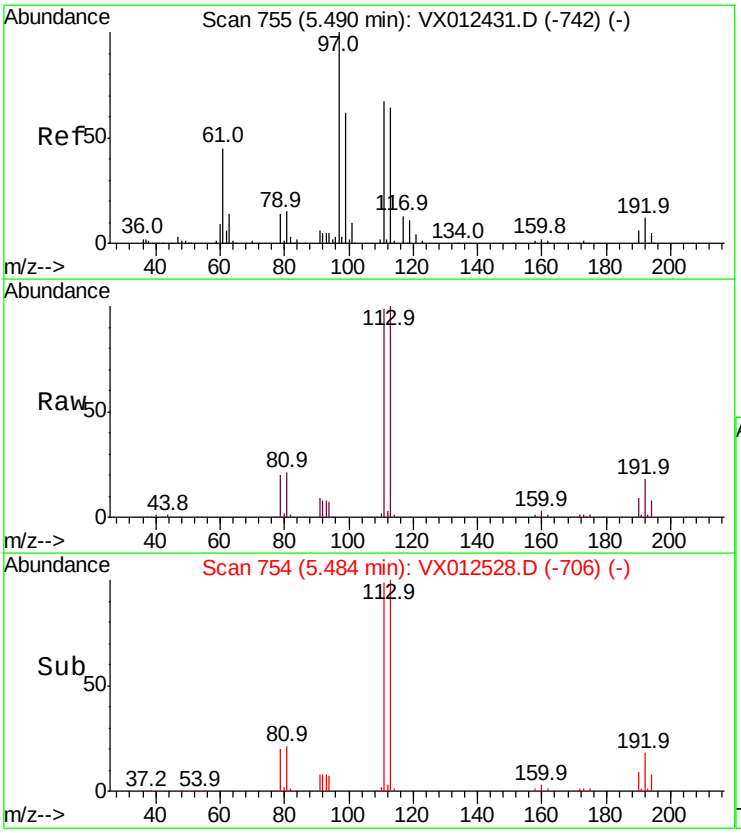
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:114 Resp: 304652

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.2
88	18.0	0.0	33.2

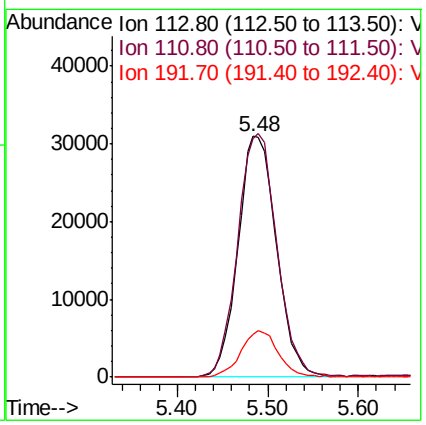


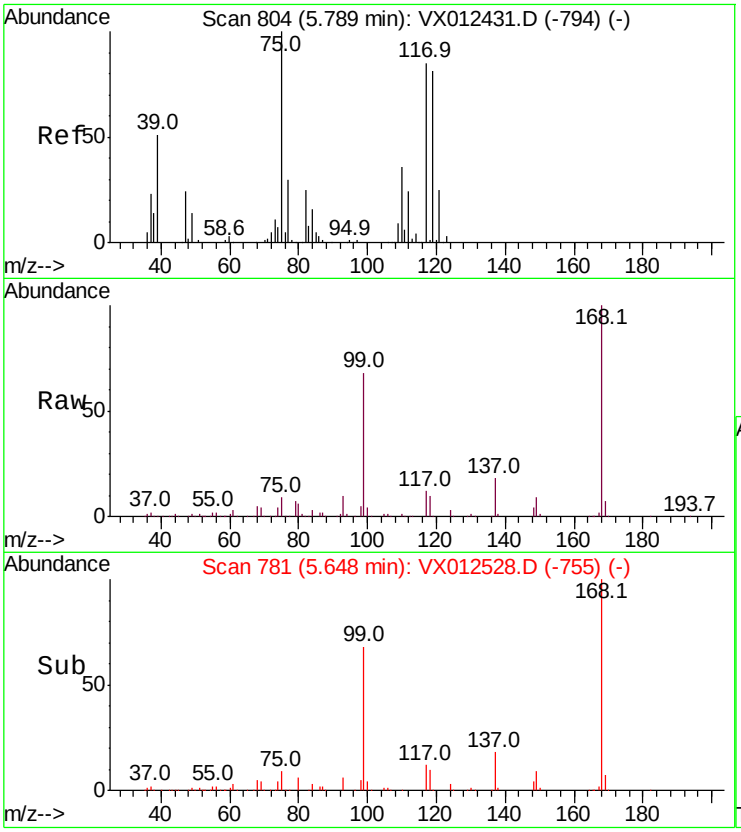


#35
Dibromofluoromethane
Concen: 49.389 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:113 Resp: 91070

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	18.5	14.4	21.6



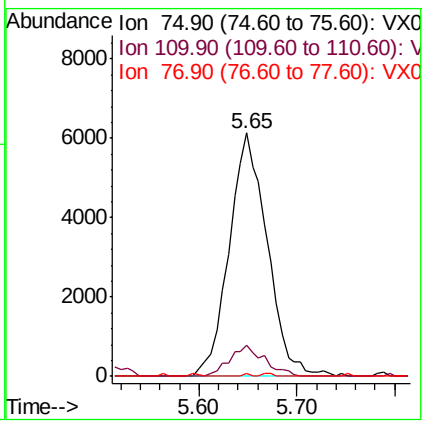


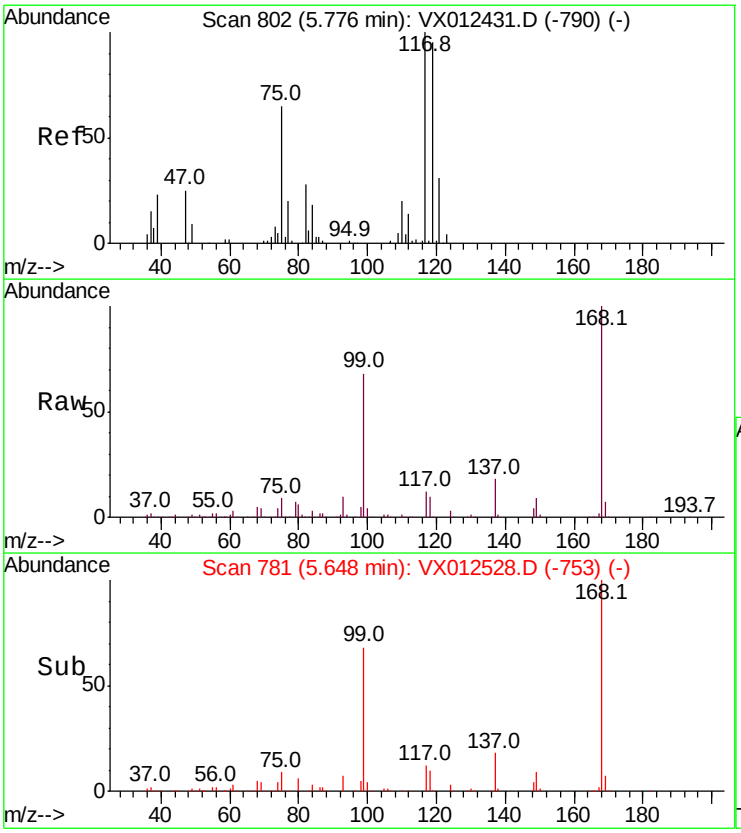
#36
1,1-Dichloropropene
Concen: 8.910 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 75 Resp: 16497

Ion	Ratio	Lower	Upper
75	100		
110	11.7	16.7	50.0#
77	0.2	24.2	36.2#

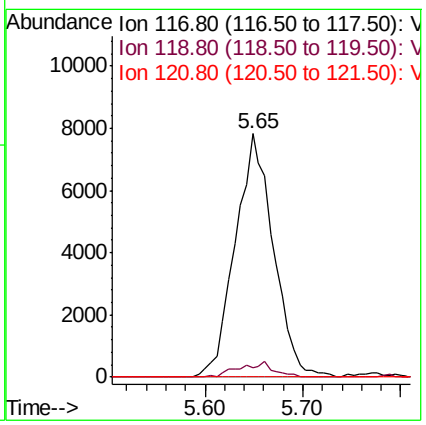


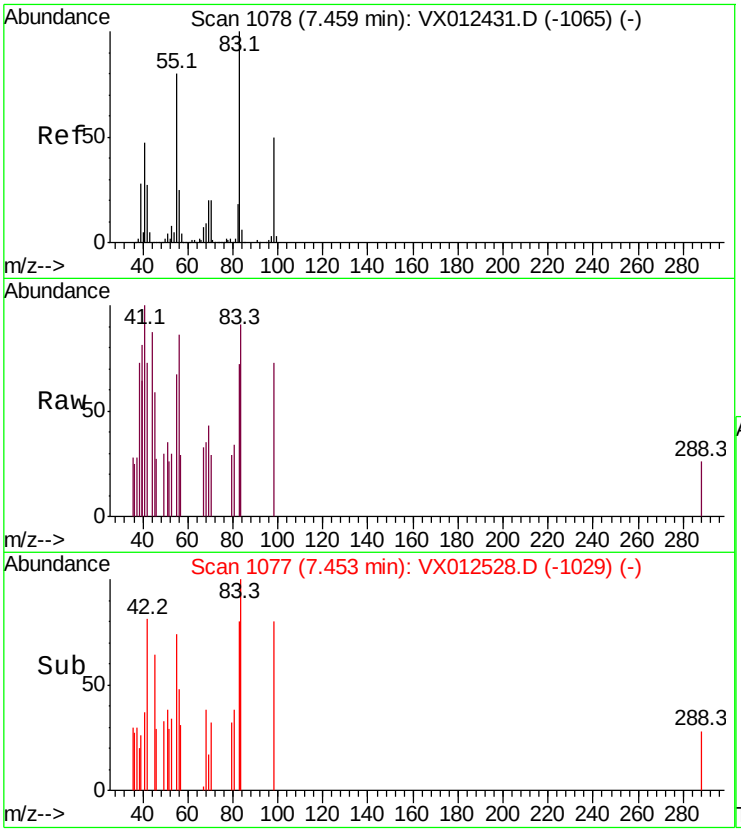


#38
Carbon Tetrachloride
Concen: 9.228 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:117 Resp: 21250

Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.7	113.5#
121	0.0	24.2	36.4#



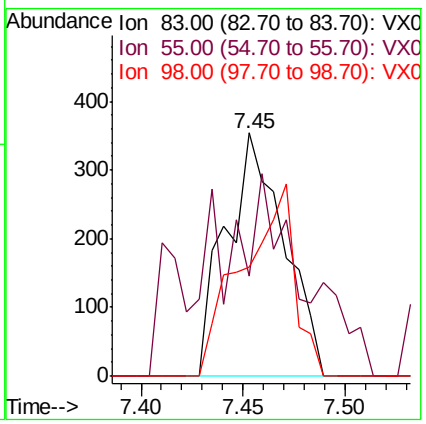


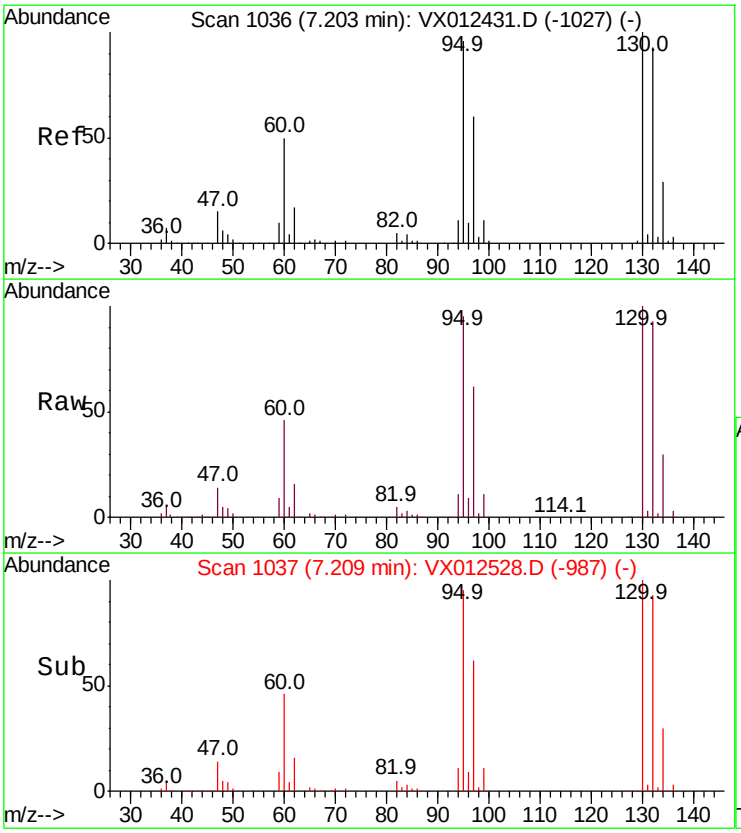
#39
Methylcyclohexane
Concen: 0.390 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 83 Resp: 702

Ion	Ratio	Lower	Upper
83	100		
55	14.7	64.4	96.6#
98	44.6	40.1	60.1

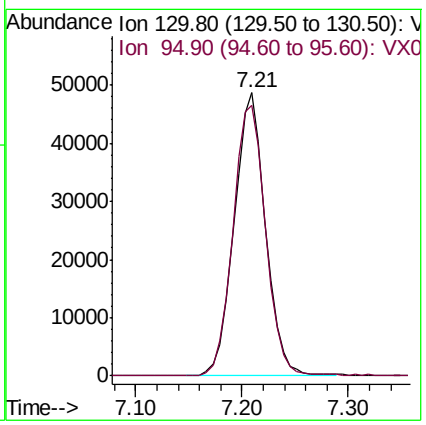


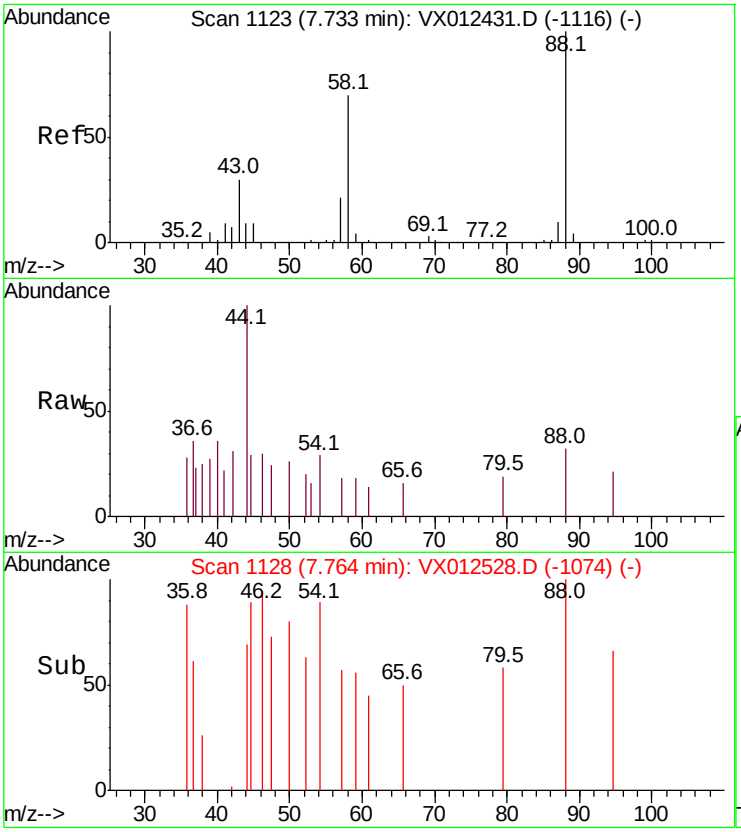


#44
Trichloroethene
Concen: 64.888 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:130 Resp: 100498

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	193.0



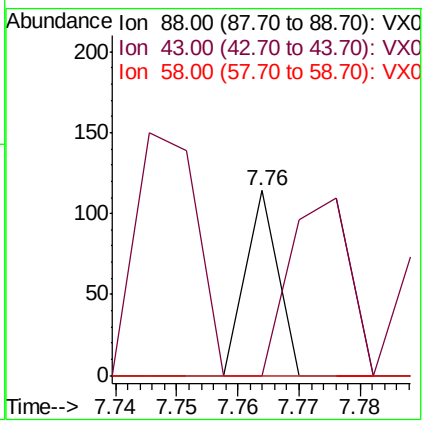


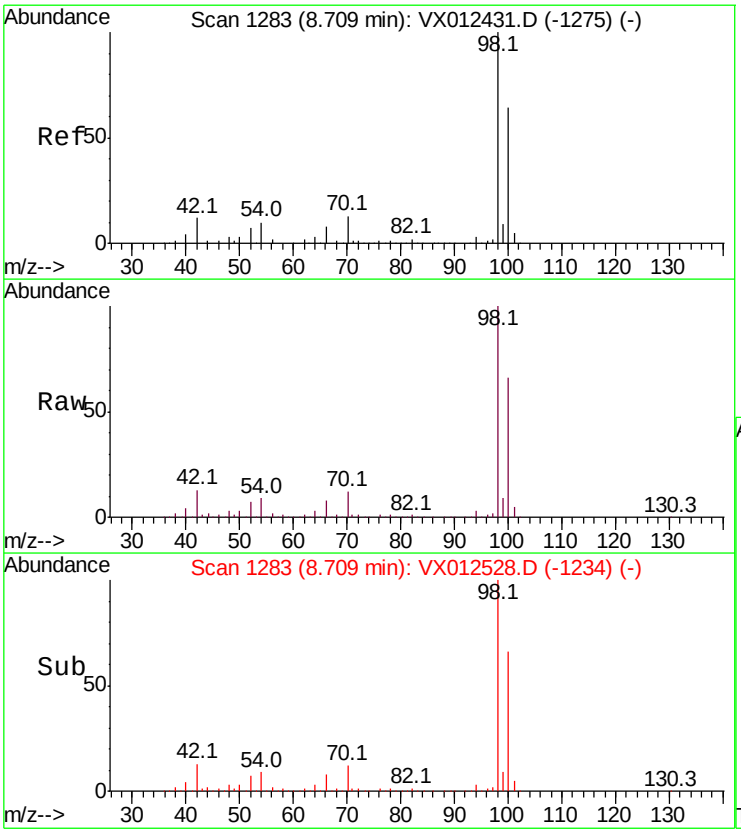
#49
1,4-Dioxane
Concen: 0.718 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	178.6	29.4	44.0#
58	0.0	57.5	86.3#

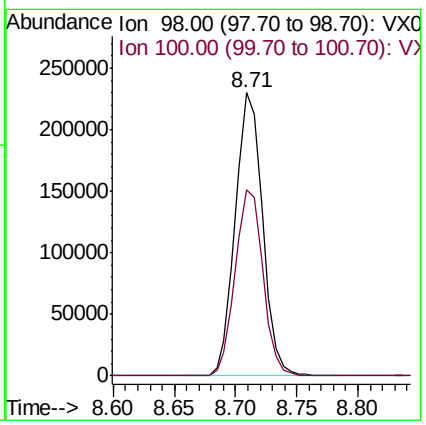


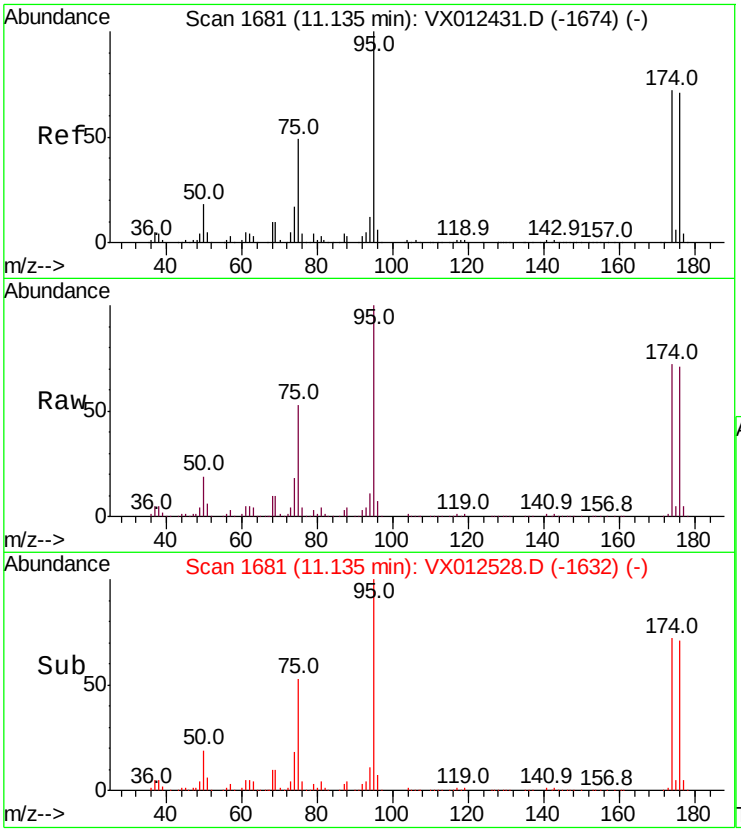


#50
Toluene-d8
Concen: 52.183 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 98 Resp: 356160

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2



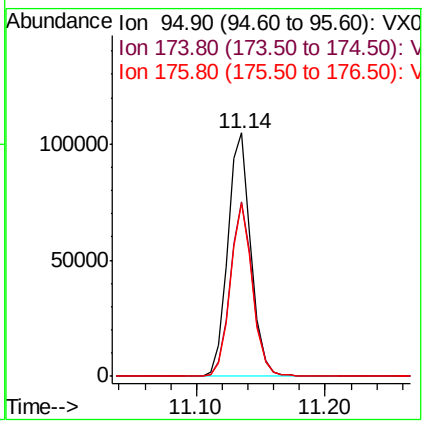


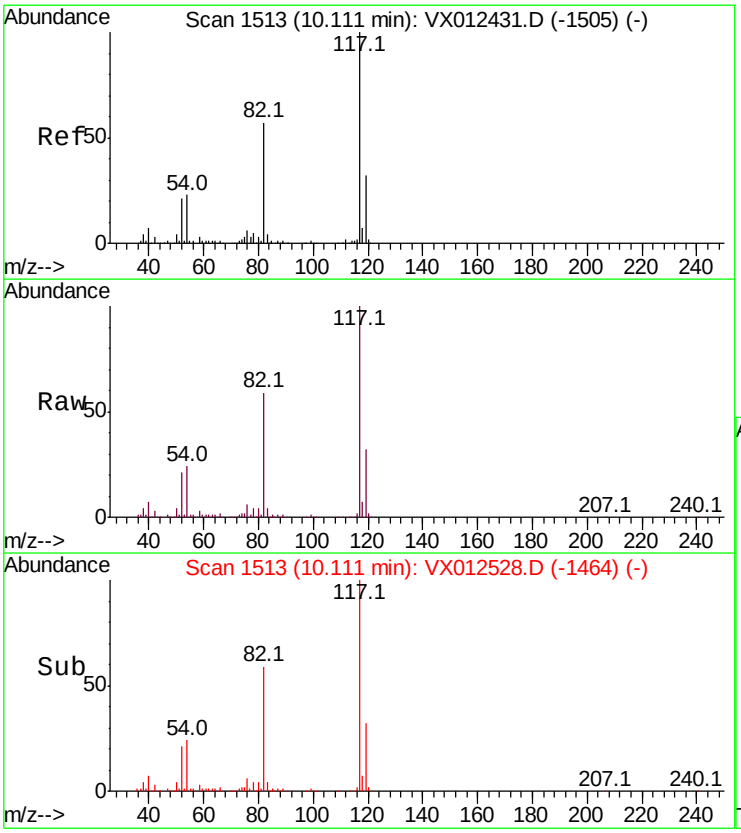
#62
4-Bromofluorobenzene
Concen: 46.408 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 95 Resp: 131515

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	140.0
176	68.1	0.0	135.4

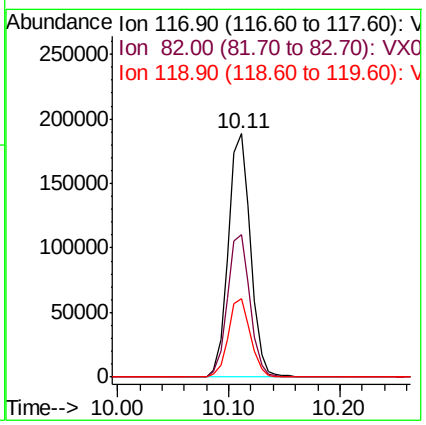


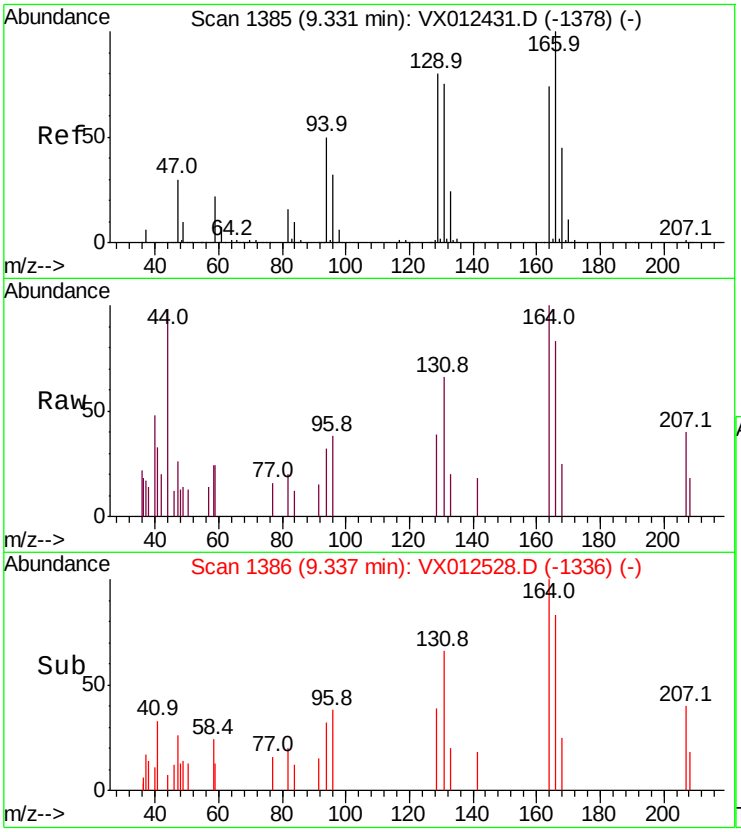


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:117 Resp: 259725

Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.9	68.9
119	32.2	25.3	37.9



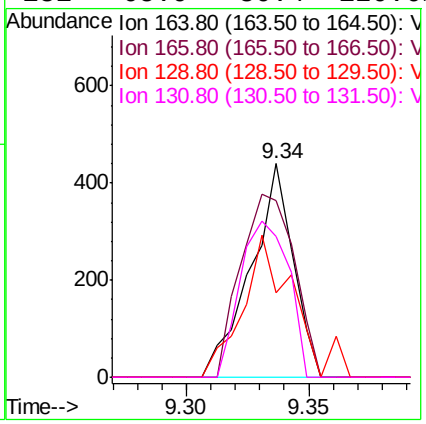


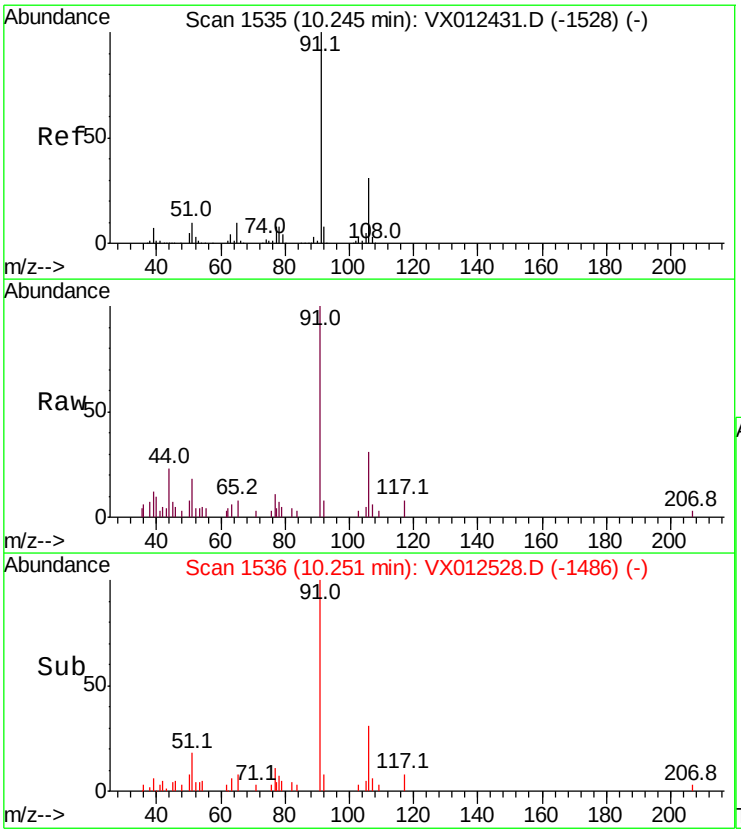
#64
Tetrachloroethene
Concen: 0.444 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:164 Resp: 529

Ion	Ratio	Lower	Upper
164	100		
166	83.0	107.8	161.6#
129	39.3	86.2	129.2#
131	65.9	80.4	120.6#

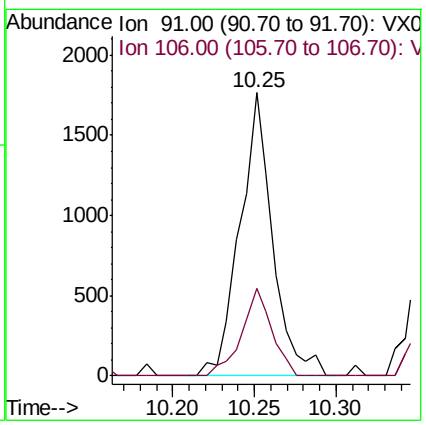


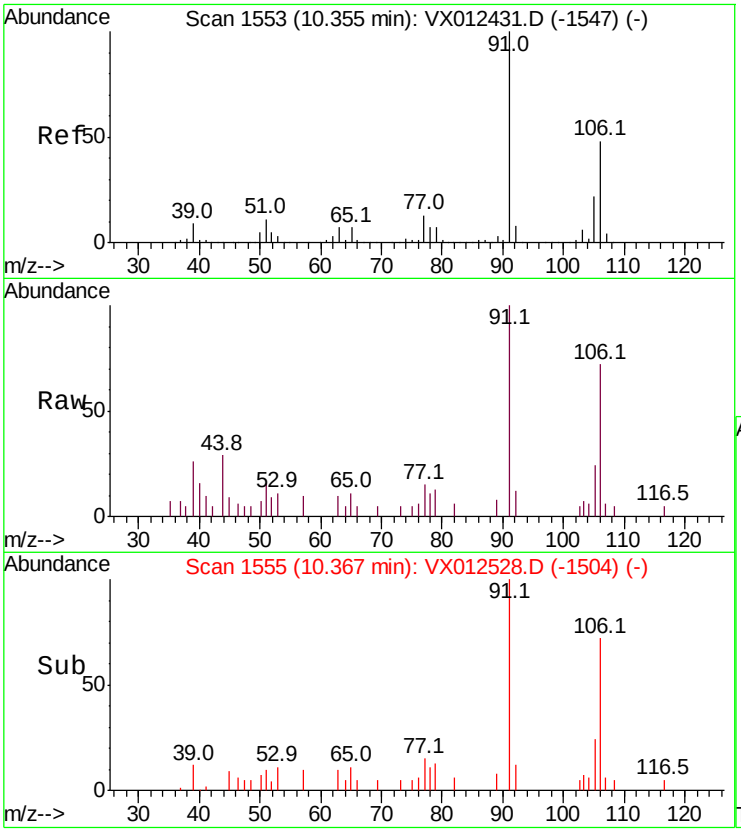


#67
Ethyl Benzene
Concen: 0.336 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 91 Resp: 2472

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	37.0



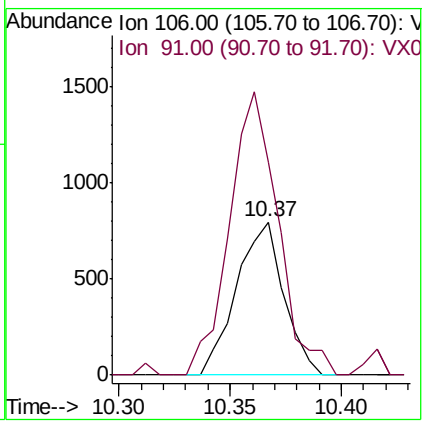


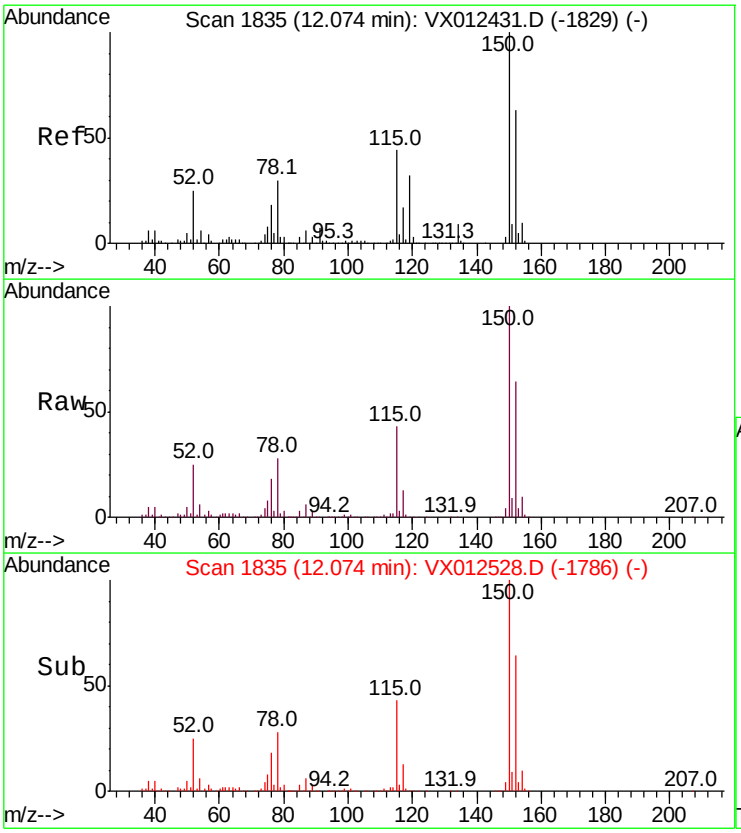
#68
m/p-Xylenes
Concen: 0.441 ug/l
RT: 10.37 min Scan# 1555
Delta R.T. 0.01 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:106 Resp: 1183

Ion	Ratio	Lower	Upper
106	100		
91	189.9	166.6	250.0

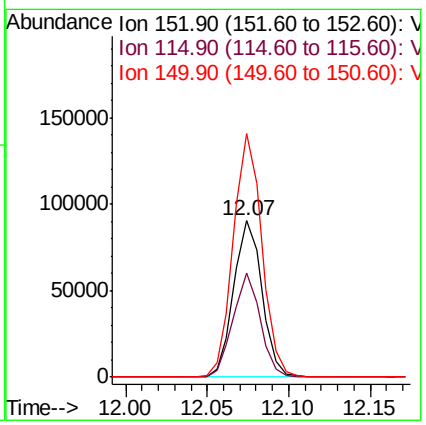


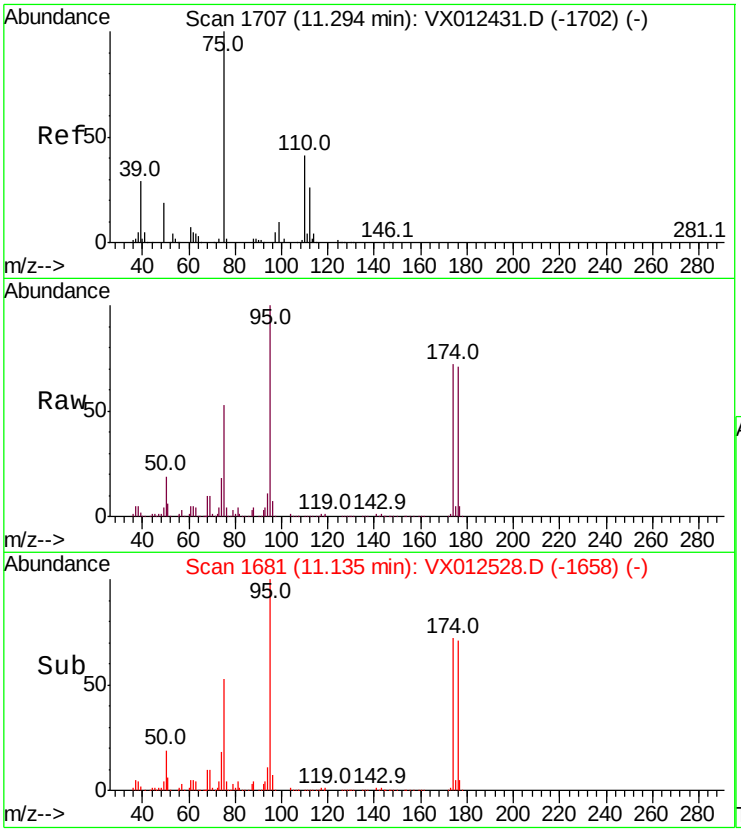


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:152 Resp: 109714

Ion	Ratio	Lower	Upper
152	100		
115	64.4	44.1	132.3
150	156.7	0.0	343.8



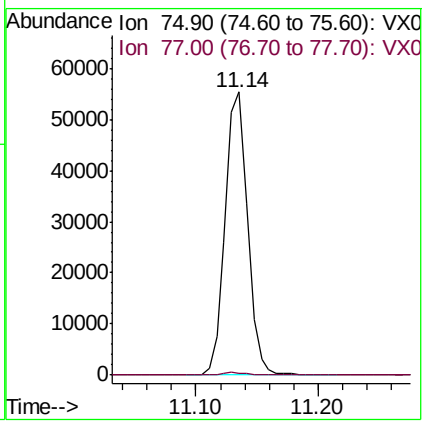


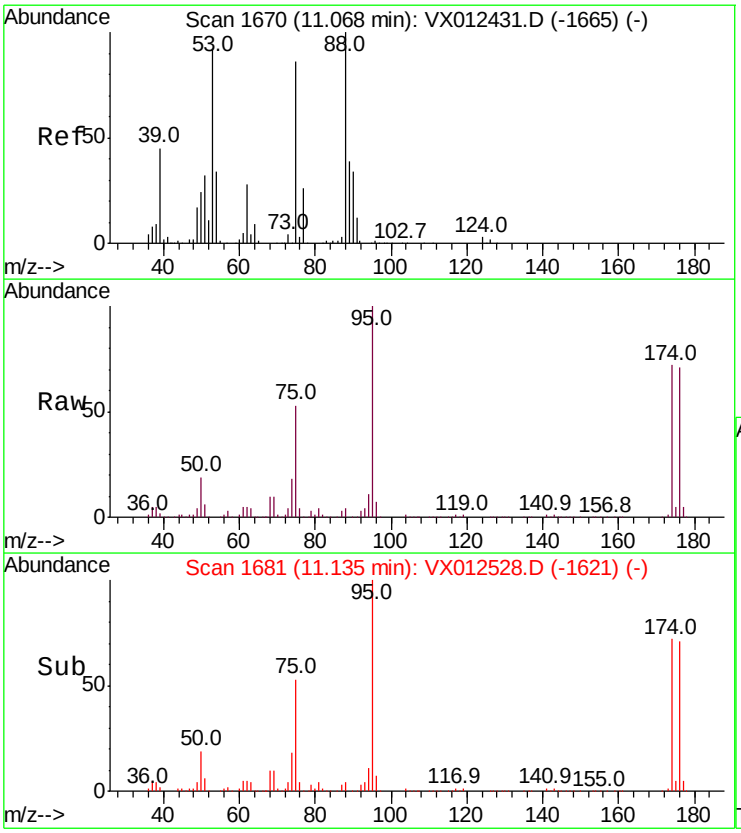
#76
1,2,3-Trichloropropane
Concen: 27.840 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion: 75 Resp: 70162

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.7	59.0#

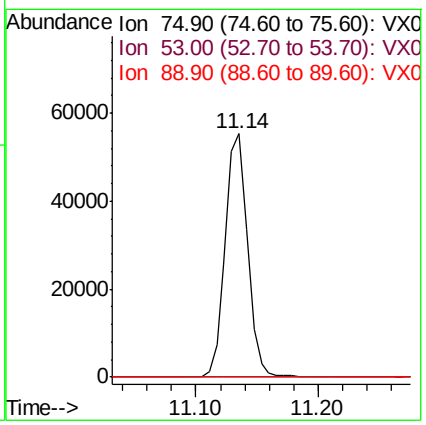


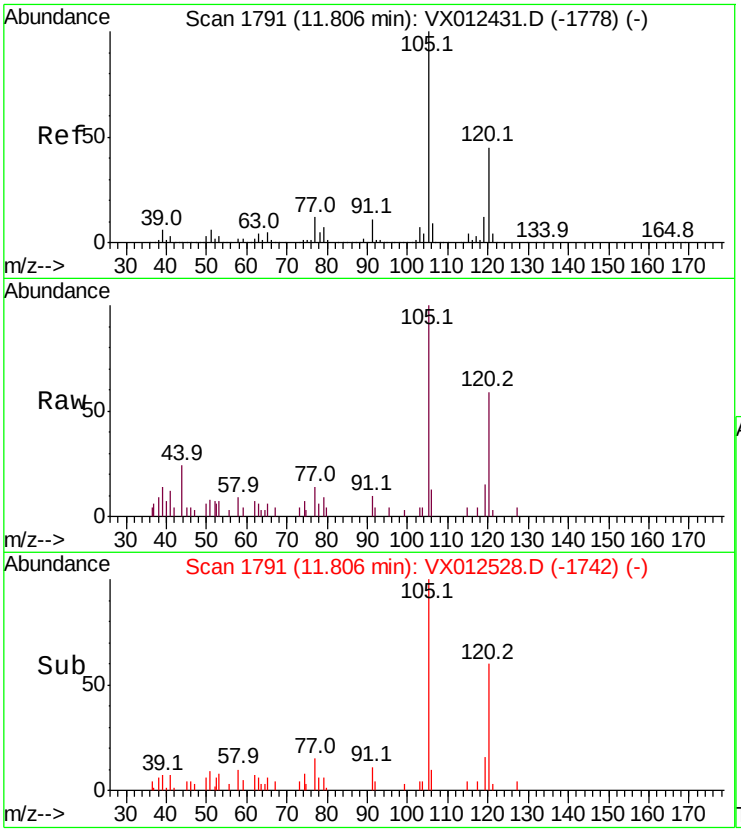


#81
trans-1,4-Dichloro-2-butene
Concen: 74.794 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion: 75 Resp: 70162

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#



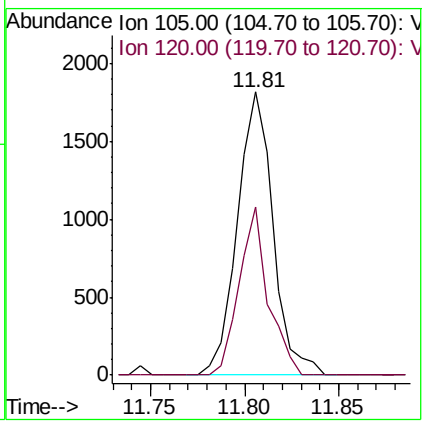


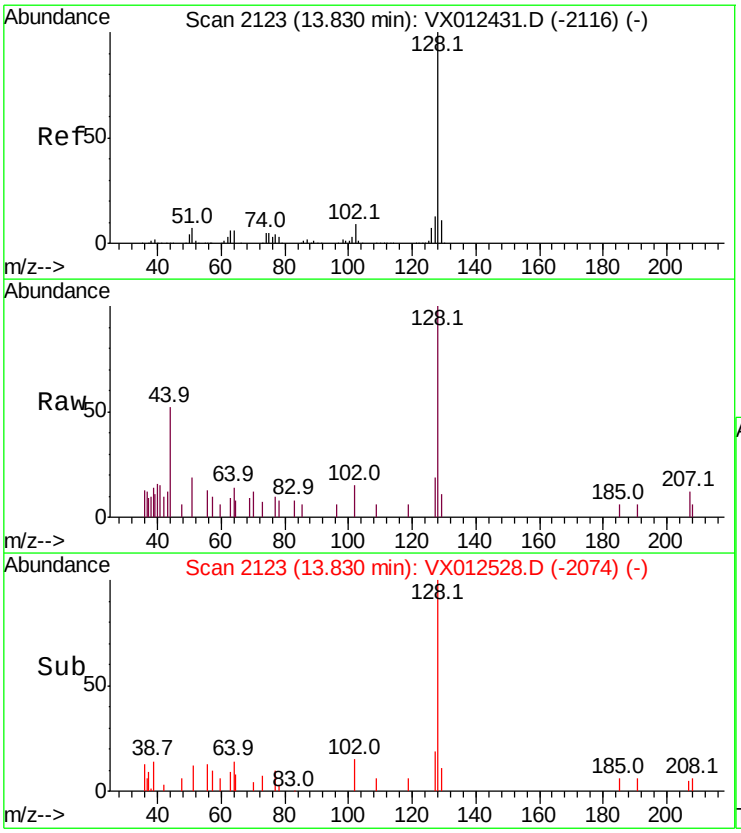
#84
1,2,4-Trimethylbenzene
Concen: 0.396 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20190911DL

Tgt Ion:105 Resp: 2385

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.2	66.6





#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012528.D
Acq: 19 Sep 2019 15:11

Tgt Ion:128 Resp: 1590

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	9.7	8.8	13.2