Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

Quantitation Report (Not Reviewed)

Data File : VX012452.D
Acq On : 17 Sep 2019 23:24
Operator : JC/SP
Sample : K4858-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190909

Quant Time: Sep 18 03:29:53 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	162948	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	261697	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	220631	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92236	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	113696	48.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.36%				
35) Dibromofluoromethane	5.49	113	79929	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
50) Toluene-d8	8.71	98	303958	51.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.68%				
62) 4-Bromofluorobenzene	11.14	95	111241	45.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	204	0.577	ug/l		88
3) Chloromethane	1.32	50	608	0.679	ug/l	#	63
5) Bromomethane	1.64	94	368	0.967	ug/l	#	63
6) Chloroethane	1.76	64	194	0.256	ug/l	#	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6138	4.780	ug/l		98
10) Methyl Iodide	2.46	142	19	4.458	ug/l	#	35
11) Tert butyl alcohol	3.03	59	1731	Below Cal		#	87
12) 1,1-Dichloroethene	2.37	96	1543	1.506	ug/l		96
13) Acrolein	2.26	56	224	Below Cal		#	6
16) Acetone	2.44	43	5557	Below Cal			99
17) Carbon Disulfide	2.57	76	283	1.995	ug/l	#	75
18) Methyl Acetate	2.84	43	487	0.200	ug/l	#	63
20) Methylene Chloride	2.85	84	763	0.540	ug/l	#	76
21) trans-1,2-Dichloroethene	3.15	96	664	0.624	ug/l	#	58
24) 1,1-Dichloroethane	3.68	63	895	0.335	ug/l	#	81
25) 2-Butanone	4.69	43	380	0.235	ug/l		94
27) cis-1,2-Dichloroethene	4.59	96	4619	2.906	ug/l		88
29) Tetrahydrofuran	5.11	42	254	0.284	ug/l	#	55
30) Chloroform	5.20	83	1863	0.607	ug/l		90
36) 1,1-Dichloropropene	5.65	75	13324	8.377	ug/l	#	54
38) Carbon Tetrachloride	5.77	117	1868	0.944	ug/l	#	72
39) Methylcyclohexane	7.21	83	13443	8.695	ug/l	#	1
42) 1,2-Dichloroethane	6.20	62	738	0.315	ug/l		83
44) Trichloroethene	7.21	130	1087423	817.351	ug/l		96
49) 1,4-Dioxane	7.75	88	1021	20.310	ug/l	#	85
55) 1,1,2-Trichloroethane	9.21	97	569	0.339	ug/l	#	85
60) Dibromochloromethane	9.33	129	4307	2.518	ug/l	#	11
64) Tetrachloroethene	9.34	164	4424	4.376	ug/l	#	77
76) 1,2,3-Trichloropropane	11.13	75	59098	27.893	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	59098	74.931	ug/l	#	8

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

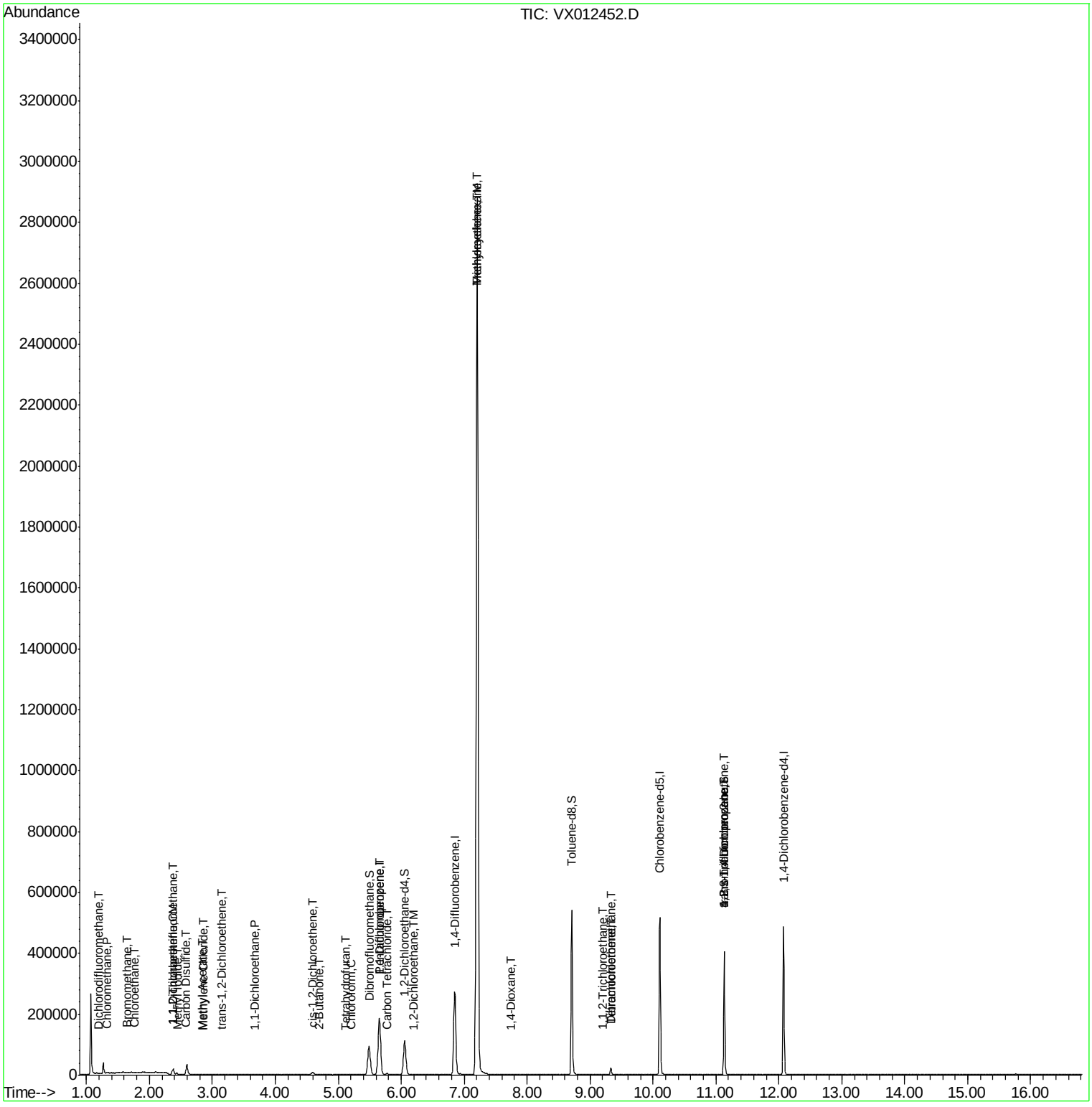
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

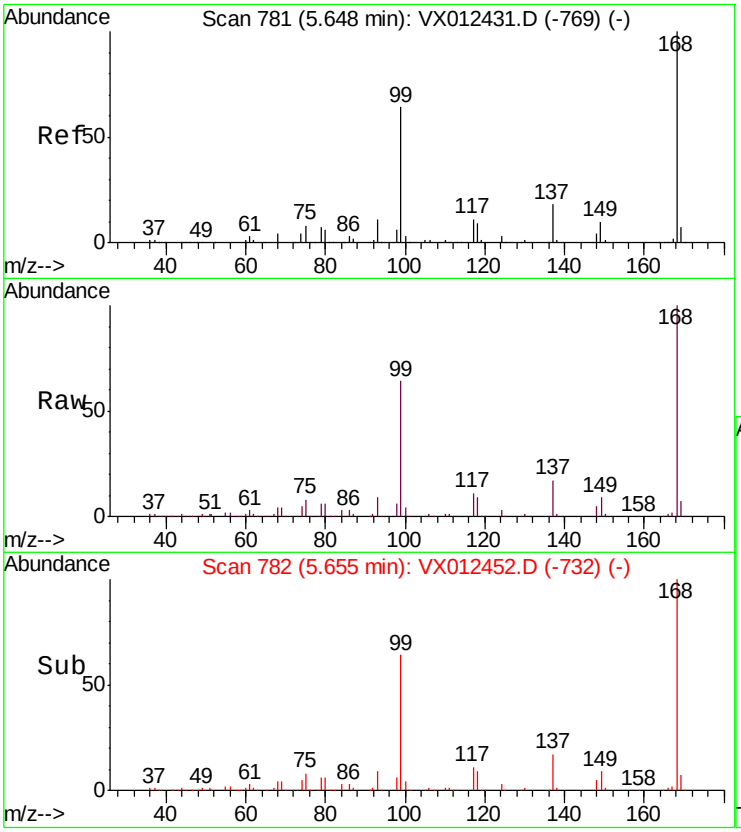
Quantitation Report (Not Reviewed)

Data File : VX012452.D
Acq On : 17 Sep 2019 23:24
Operator : JC/SP
Sample : K4858-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Quant Time: Sep 18 03:29:53 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



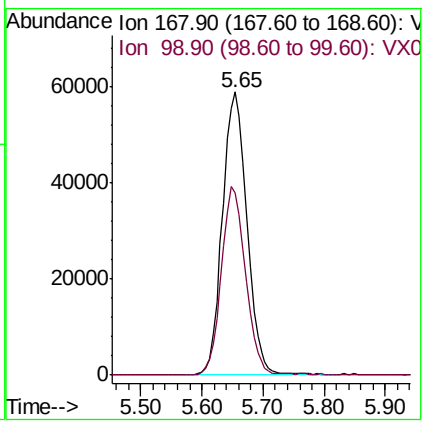


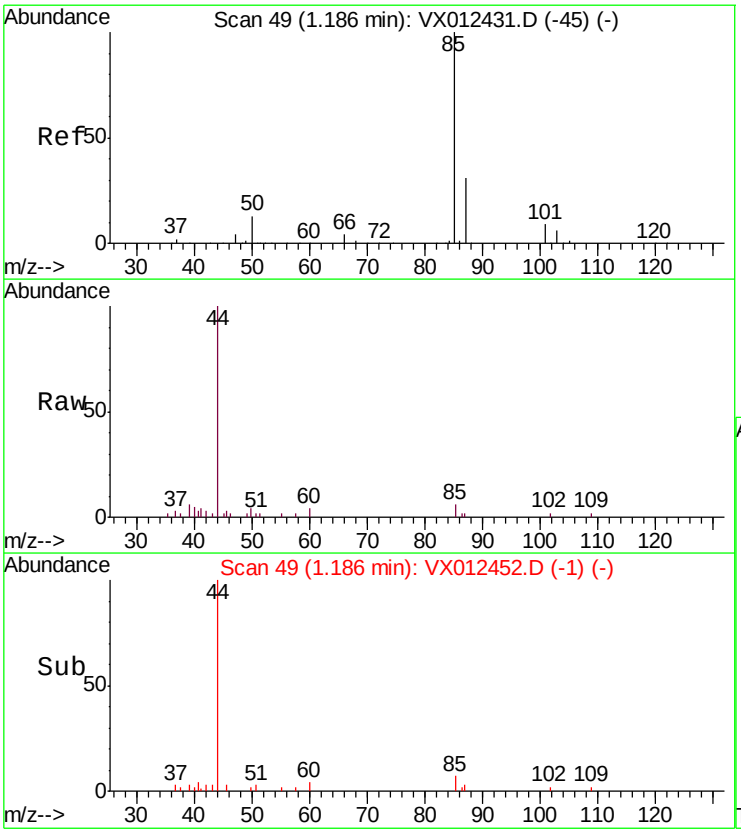
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion:168 Resp: 162948

Ion	Ratio	Lower	Upper
168	100		
99	64.4	51.4	77.2

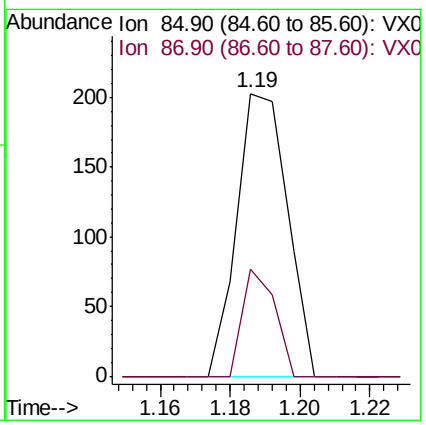


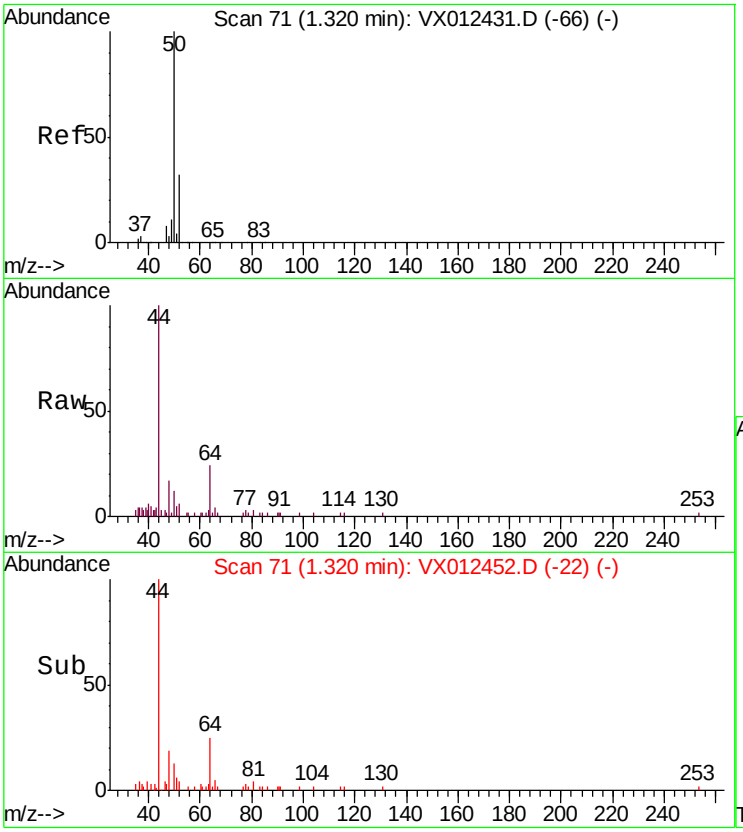


#2
Dichlorodifluoromethane
Concen: 0.577 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 85 Resp: 204

Ion	Ratio	Lower	Upper
85	100		
87	37.9	15.6	46.8



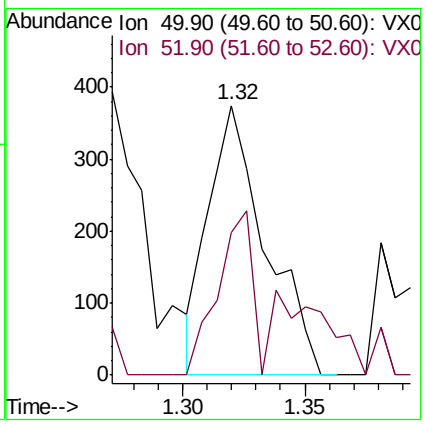


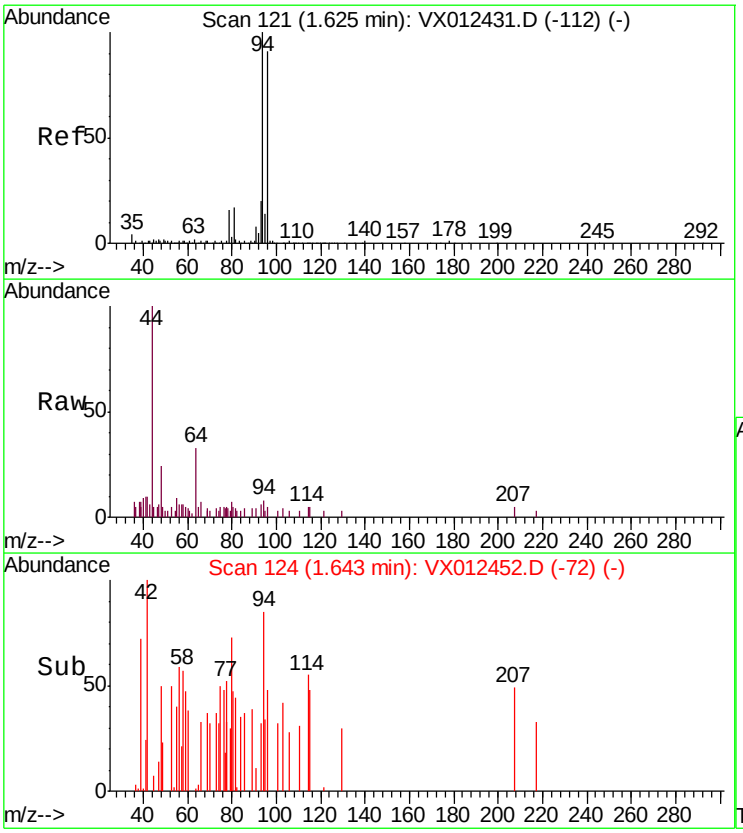
#3
Chloromethane
Concen: 0.679 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 50 Resp: 608

Ion	Ratio	Lower	Upper
50	100		
52	52.8	25.7	38.5#

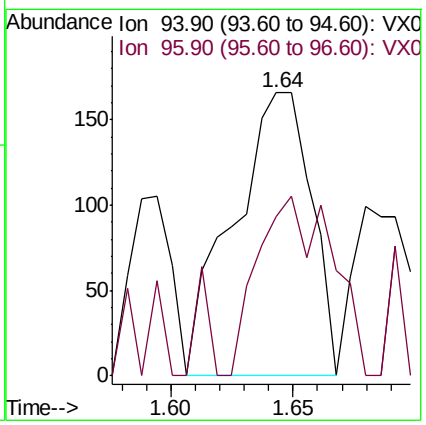


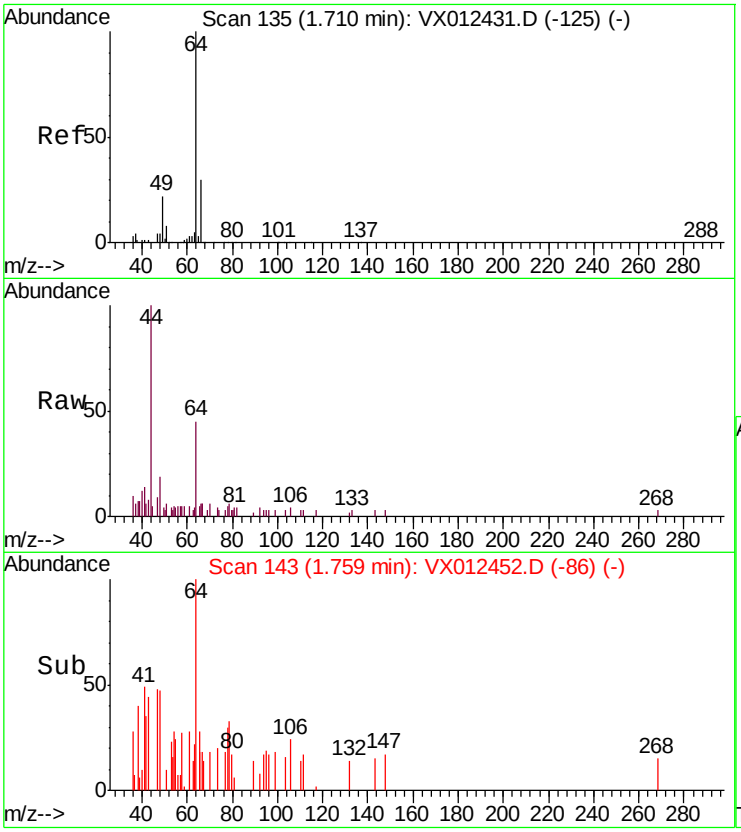


#5
Bromomethane
Concen: 0.967 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 94 Resp: 368

Ion	Ratio	Lower	Upper
94	100		
96	56.0	72.8	109.2#



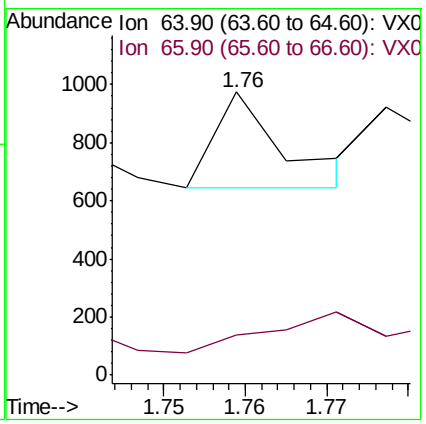


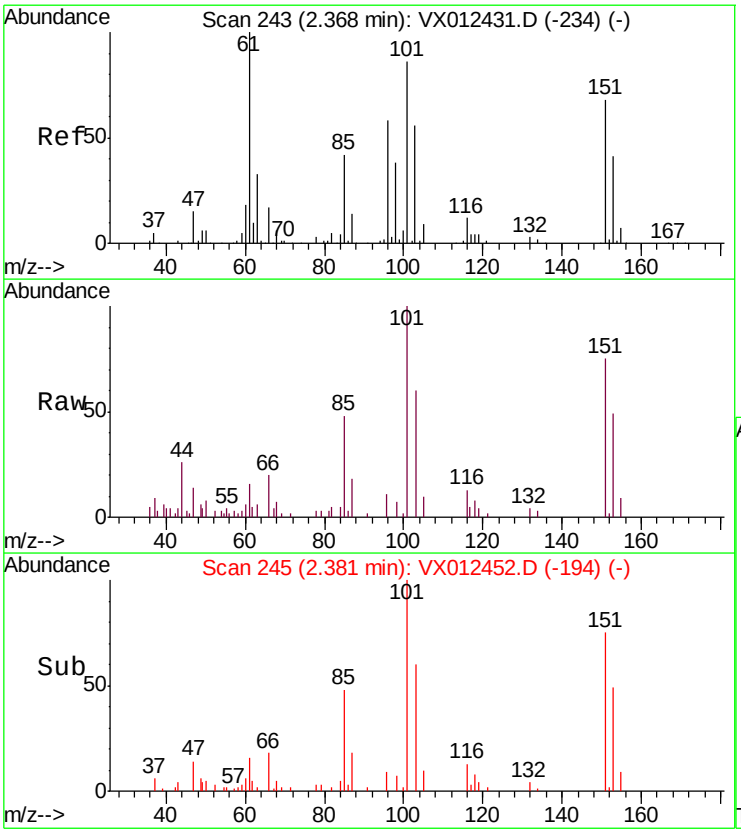
#6
Chloroethane
Concen: 0.256 ug/l
RT: 1.76 min Scan# 143
Delta R.T. 0.05 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 64 Resp: 194

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

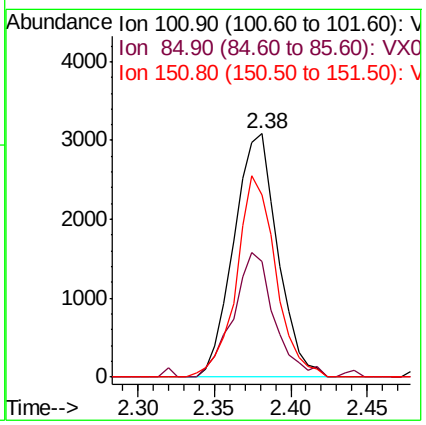


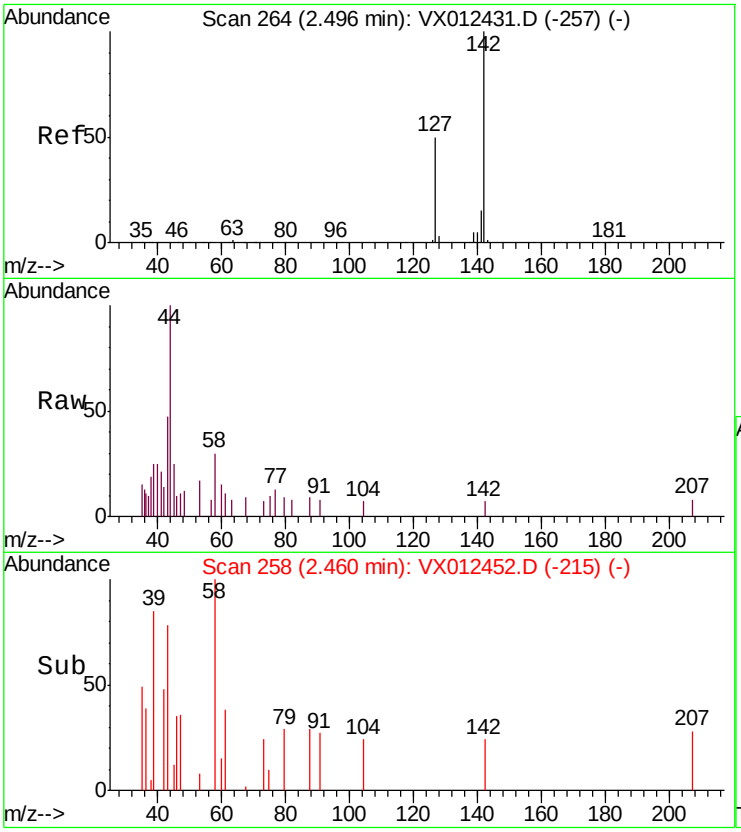


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.780 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:101 Resp: 6138

Ion	Ratio	Lower	Upper
101	100		
85	48.0	37.3	55.9
151	74.0	61.0	91.4



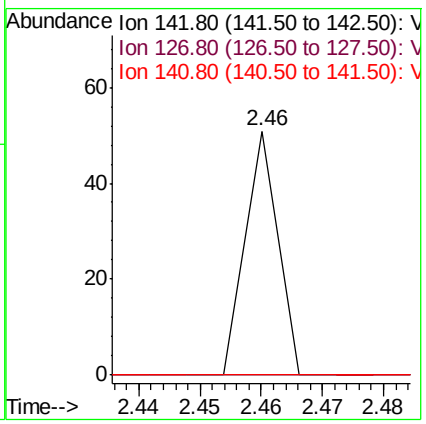


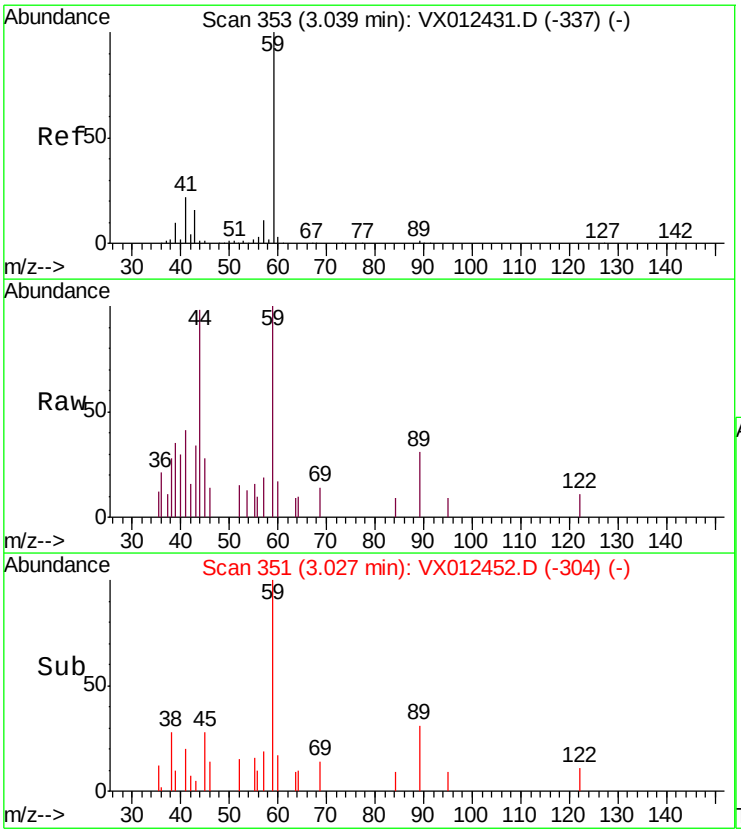
#10
Methyl Iodide
Concen: 4.458 ug/l
RT: 2.46 min Scan# 258
Delta R.T. -0.04 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion:142 Resp: 19

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

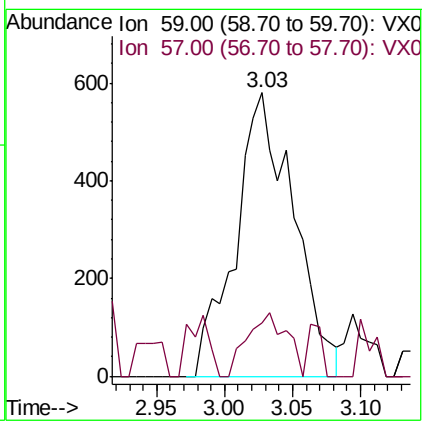


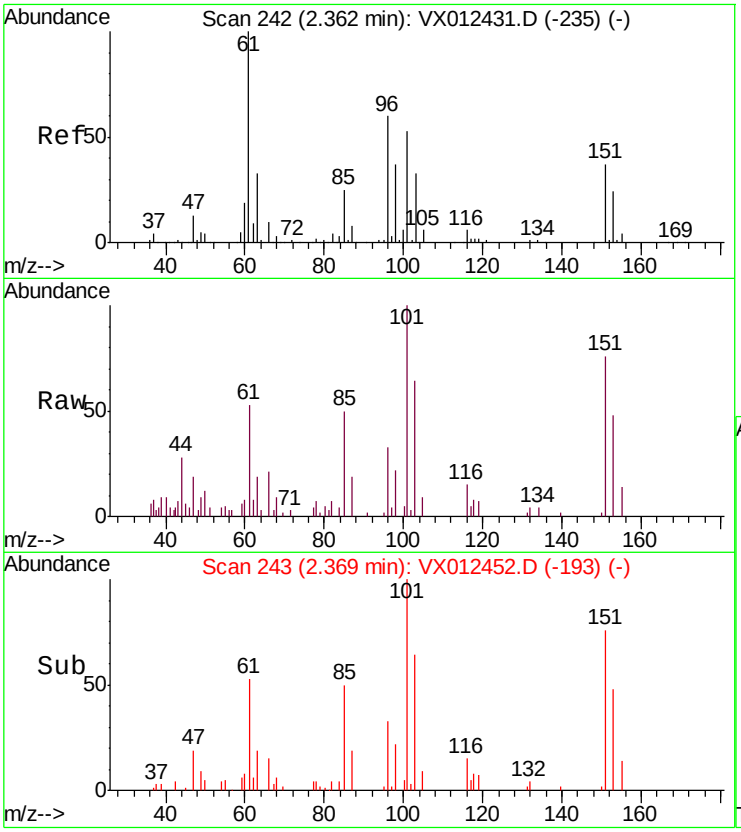


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 59 Resp: 1731

Ion	Ratio	Lower	Upper
59	100		
57	15.2	8.3	12.5#



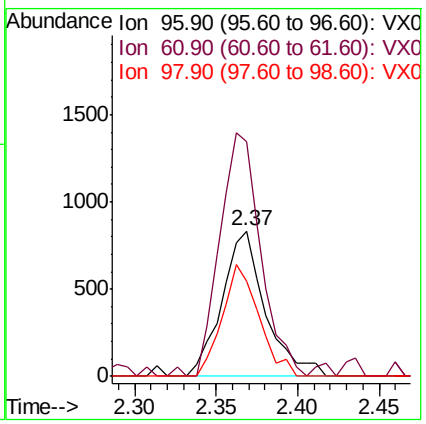


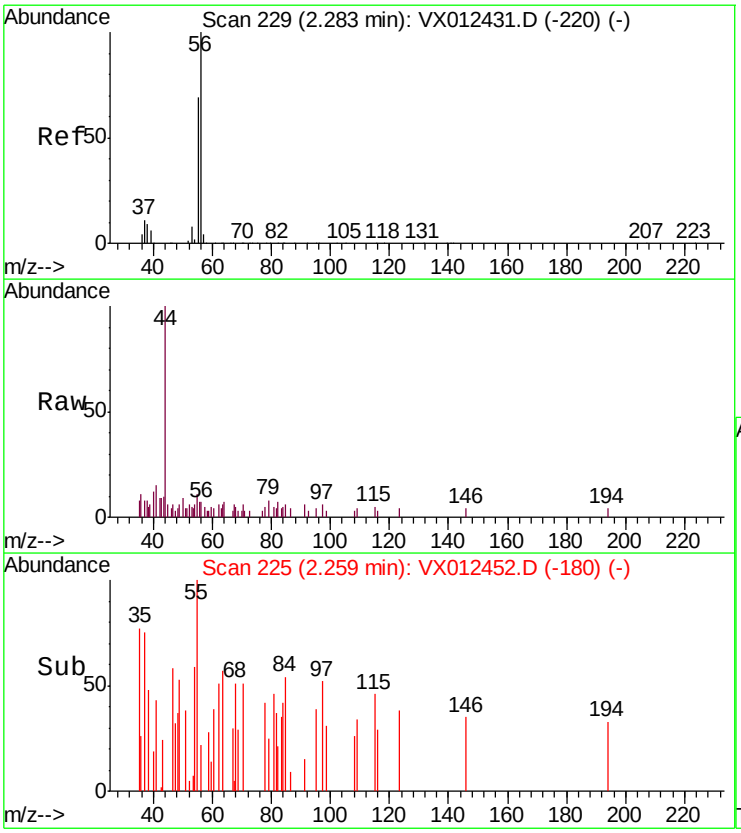
#12
1,1-Dichloroethene
Concen: 1.506 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 96 Resp: 1543

Ion	Ratio	Lower	Upper
96	100		
61	161.2	133.8	200.6
98	65.3	49.9	74.9

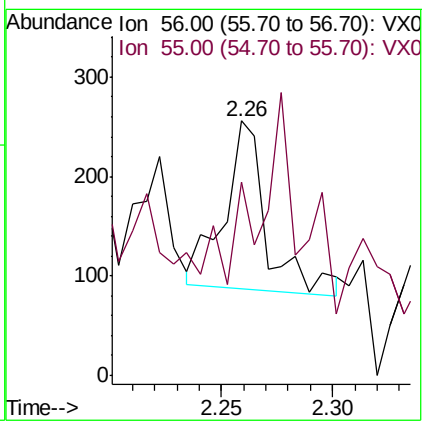


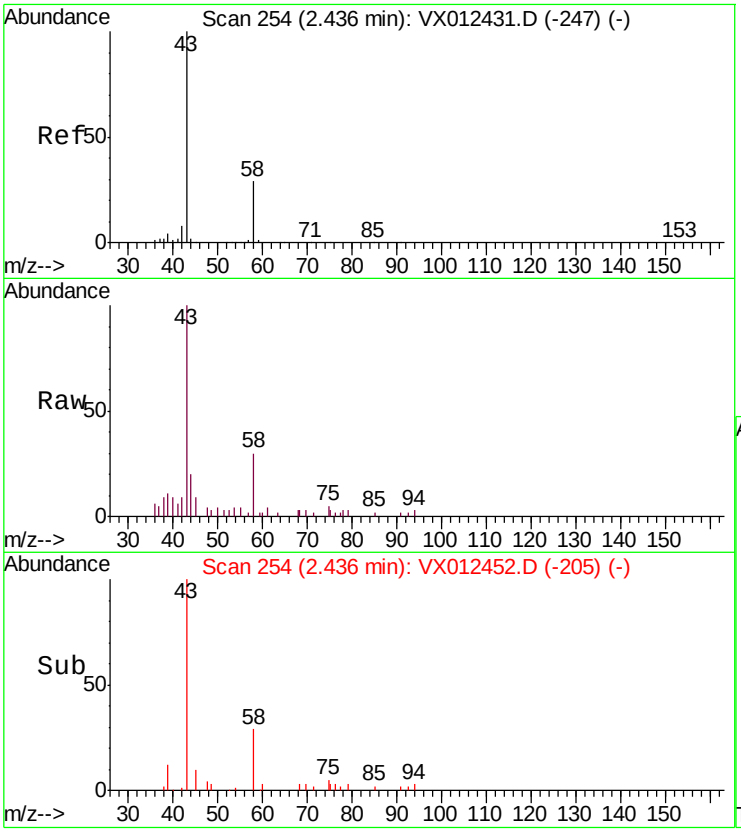


#13
Acrolein
Concen: Below Cal
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	146.9	55.8	83.8#



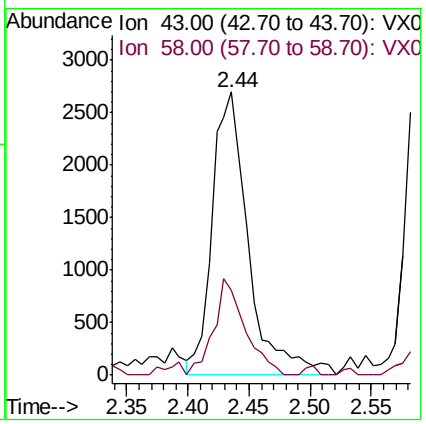


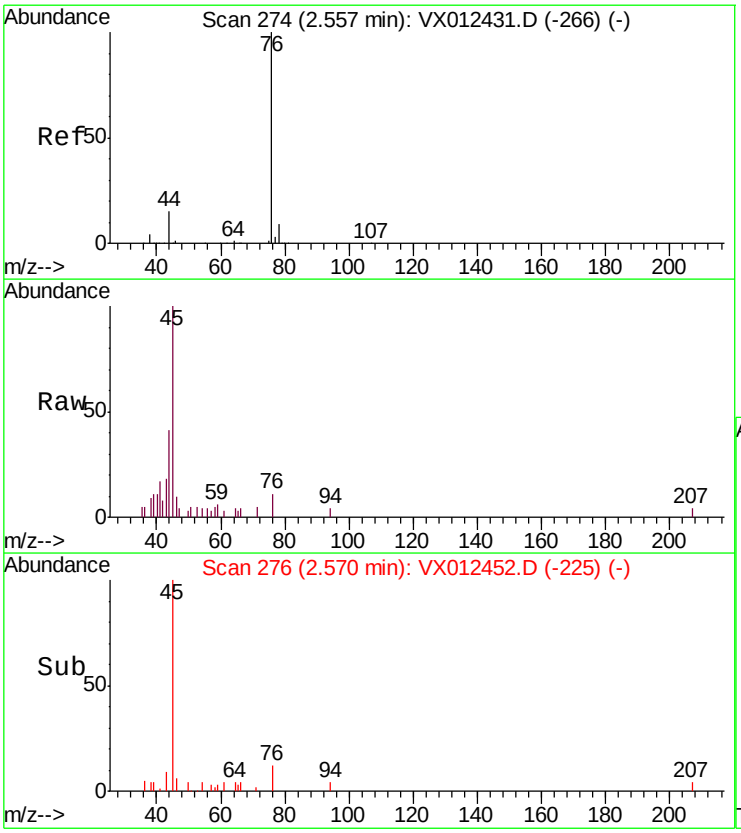
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 43 Resp: 5557

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.3	34.9

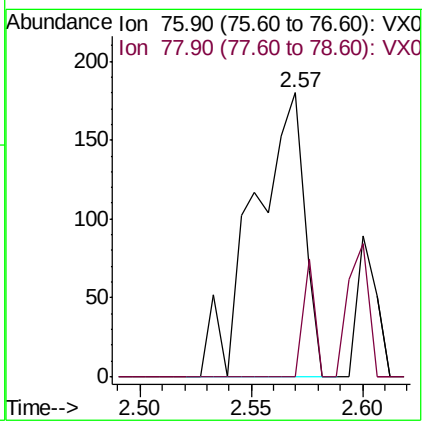


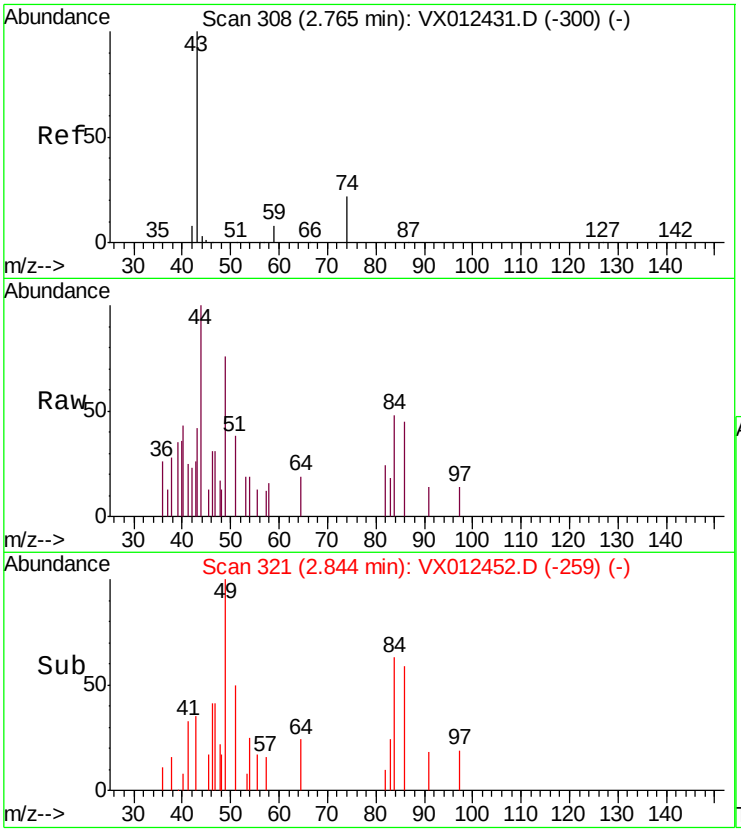


#17
Carbon Disulfide
Concen: 1.995 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 76 Resp: 283

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



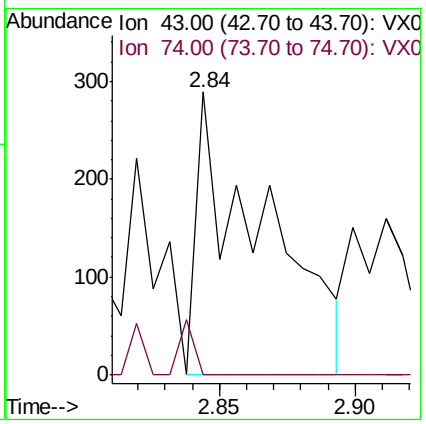


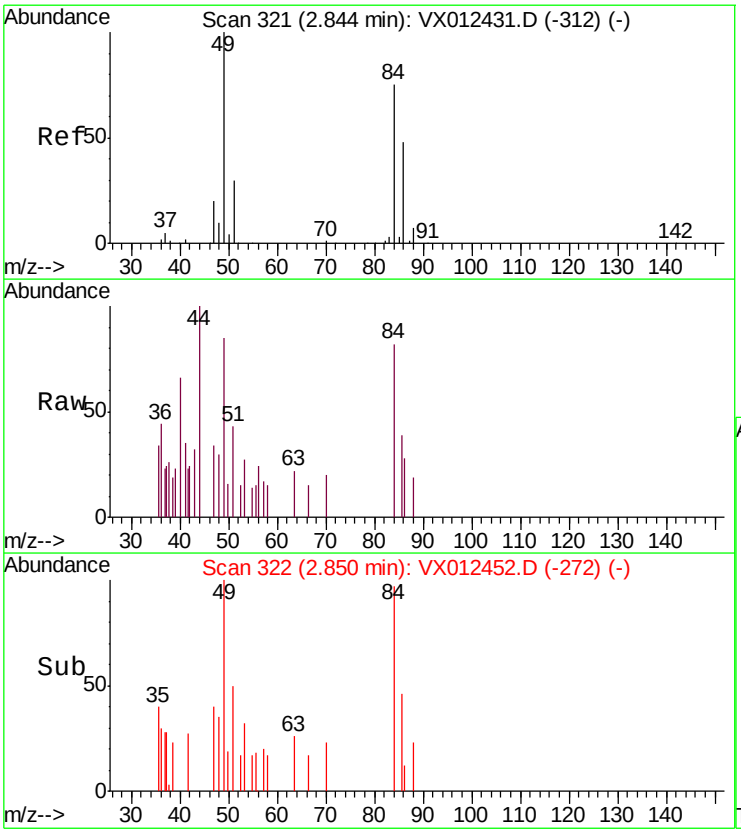
#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.08 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 43 Resp: 487

Ion	Ratio	Lower	Upper
43	100		
74	4.3	17.7	26.5#

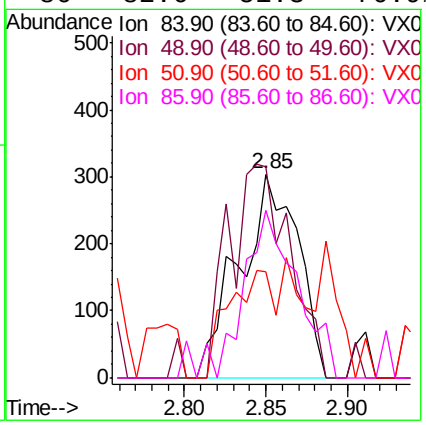


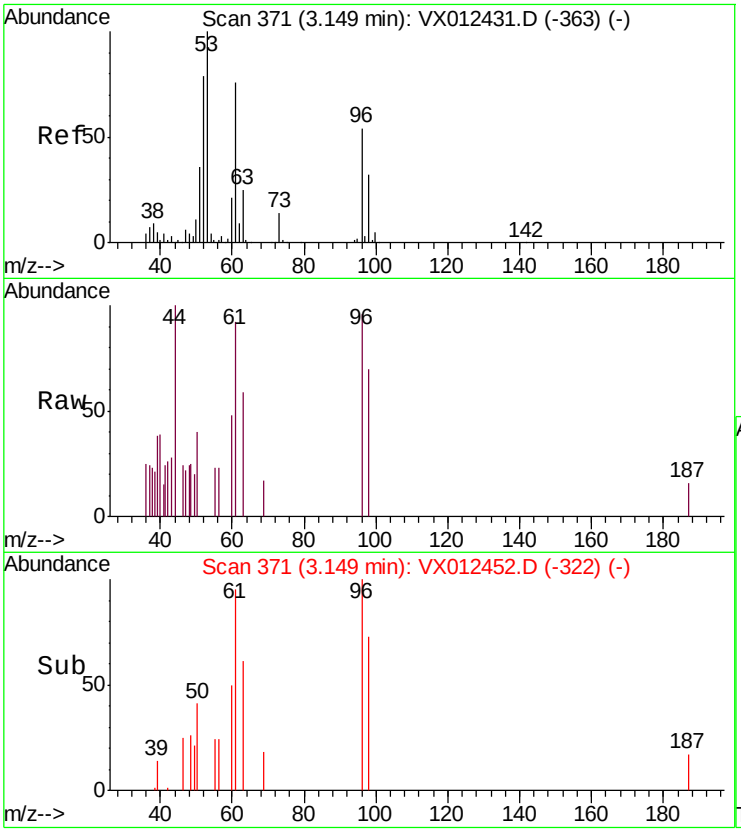


#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 84 Resp: 763

Ion	Ratio	Lower	Upper
84	100		
49	103.6	106.8	160.2#
51	52.3	32.3	48.5#
86	82.6	51.3	76.9#



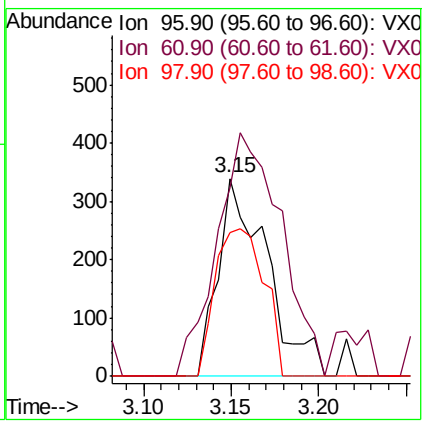


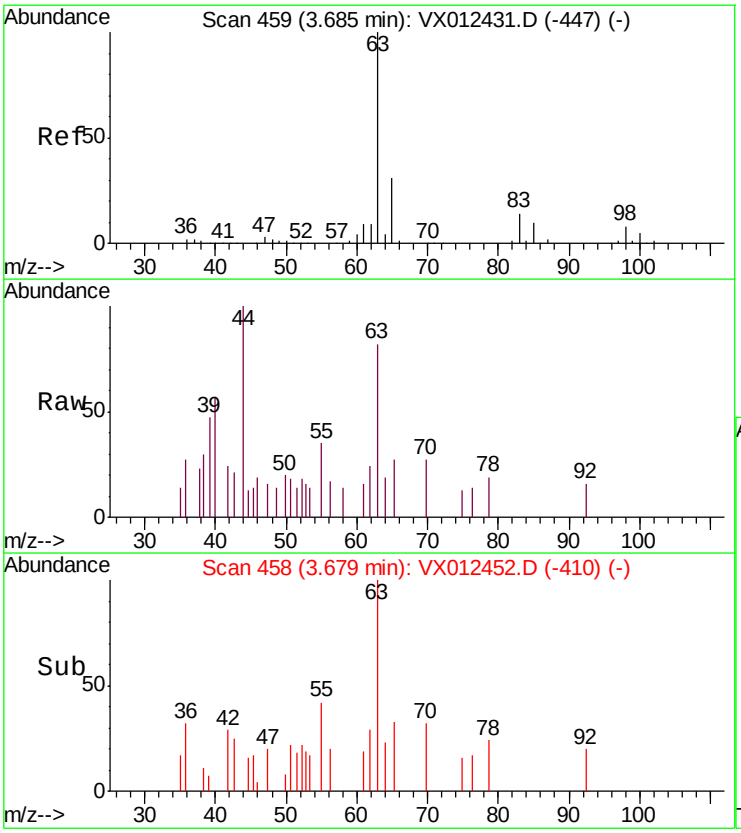
#21
trans-1,2-Dichloroethene
Concen: 0.624 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 96 Resp: 664

Ion	Ratio	Lower	Upper
96	100		
61	75.5	112.0	168.0#
98	72.9	47.8	71.8#

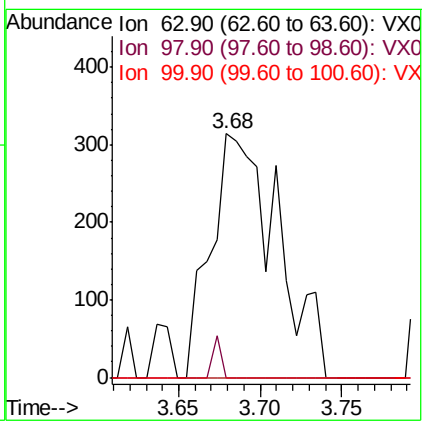


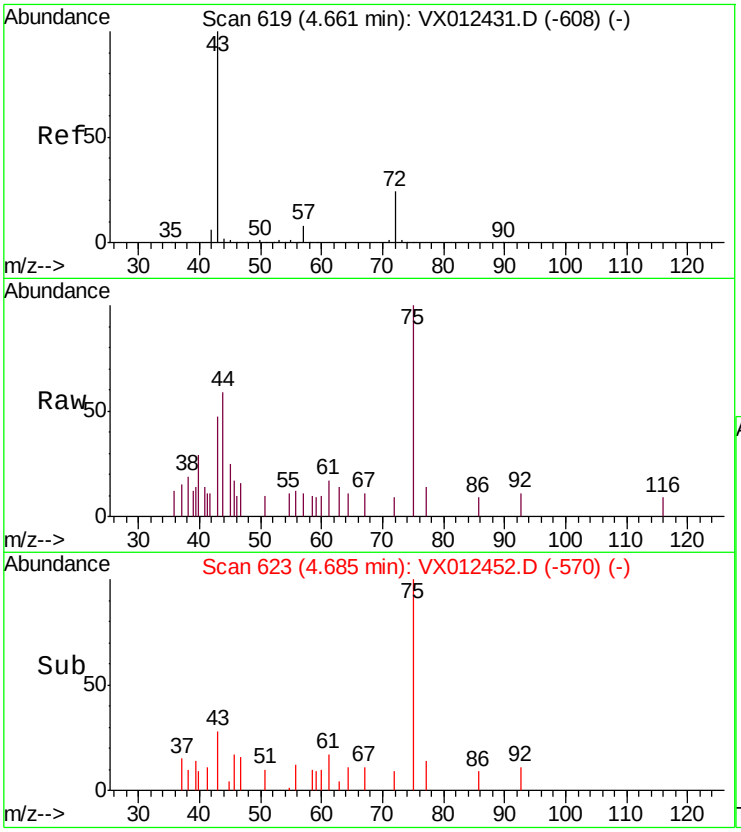


#24
1,1-Dichloroethane
Concen: 0.335 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 63 Resp: 895

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.3	6.9#



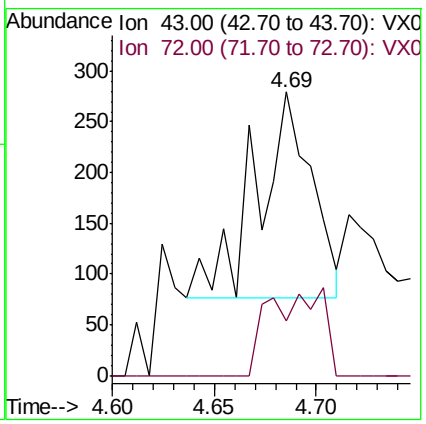


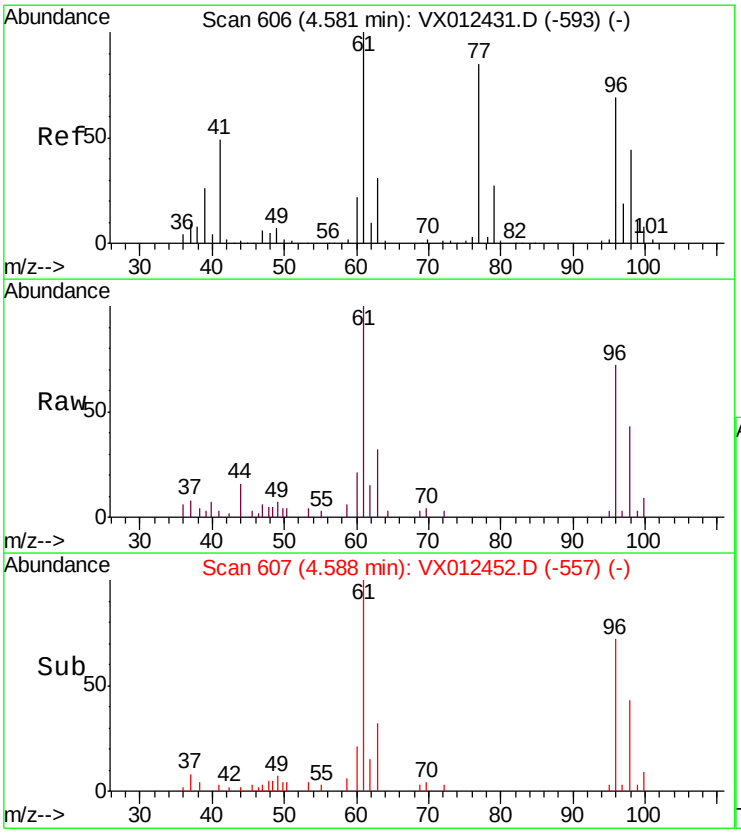
#25
2-Butanone
Concen: 0.235 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 43 Resp: 380

Ion	Ratio	Lower	Upper
43	100		
72	26.7	19.2	28.8

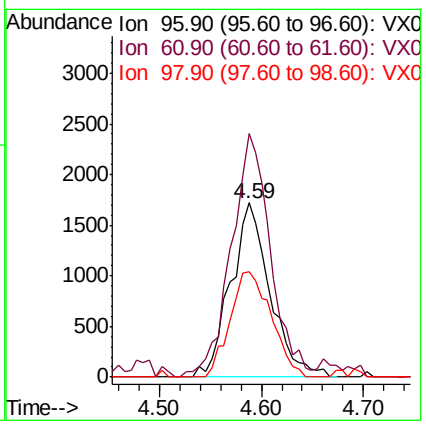


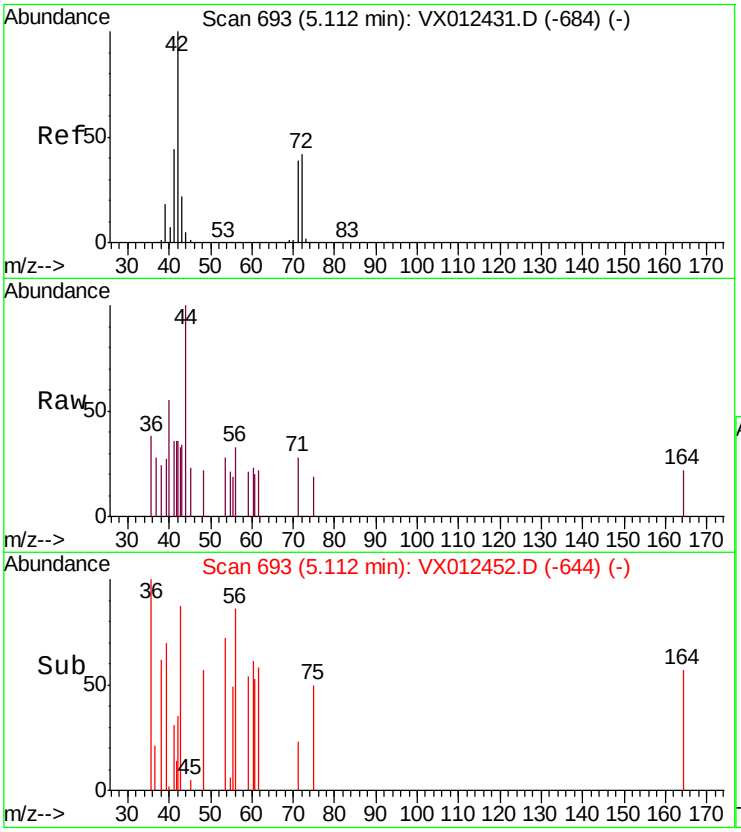


#27
cis-1,2-Dichloroethene
Concen: 2.906 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 96 Resp: 4619

Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	319.4
98	62.7	0.0	130.6



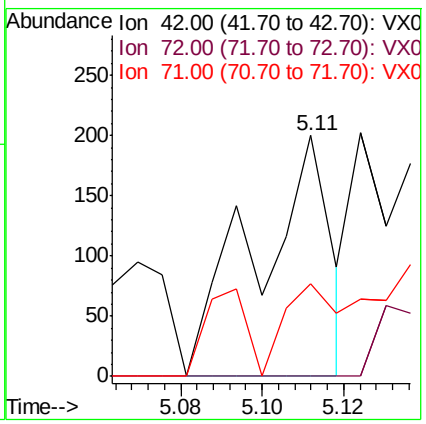


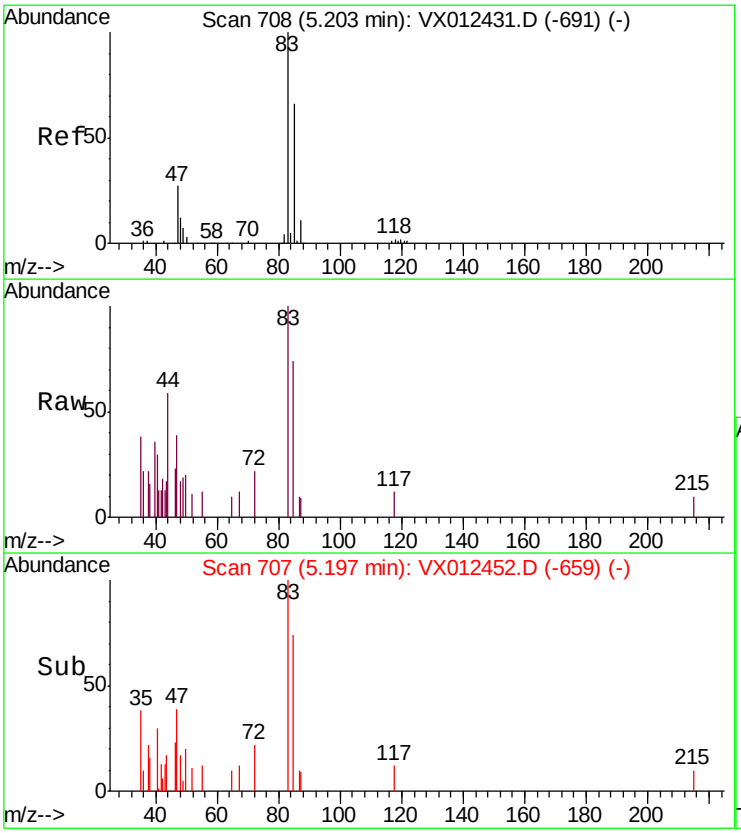
#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 42 Resp: 254

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	26.8	31.5	47.3#

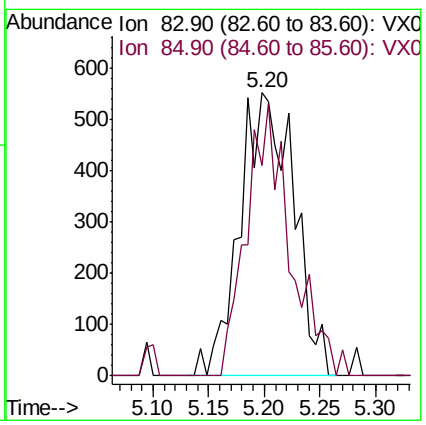


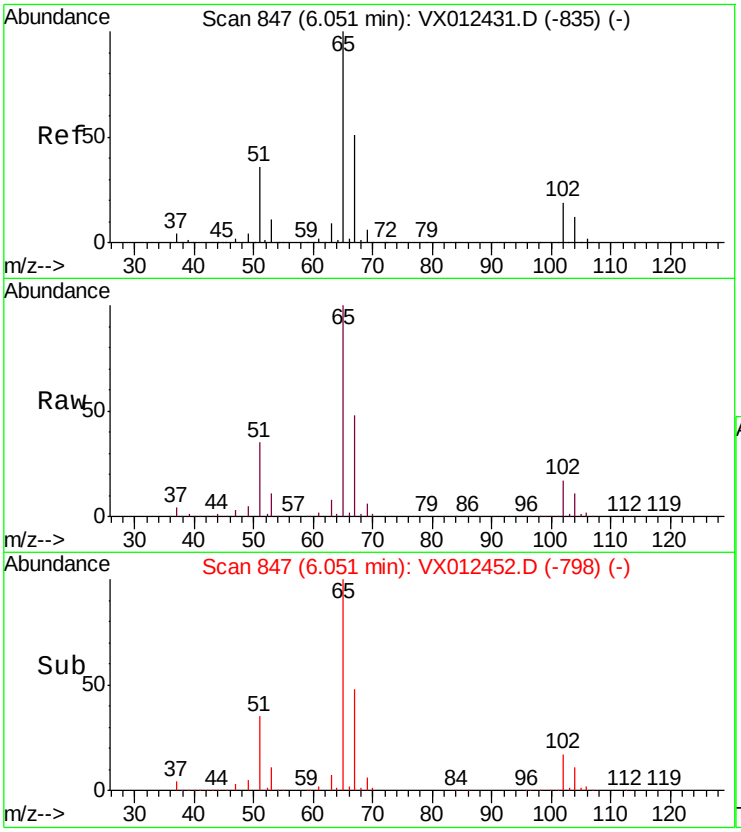


#30
Chloroform
Concen: 0.607 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 83 Resp: 1863

Ion	Ratio	Lower	Upper
83	100		
85	74.5	53.0	79.4



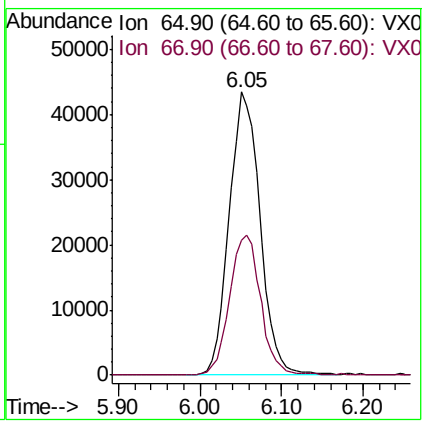


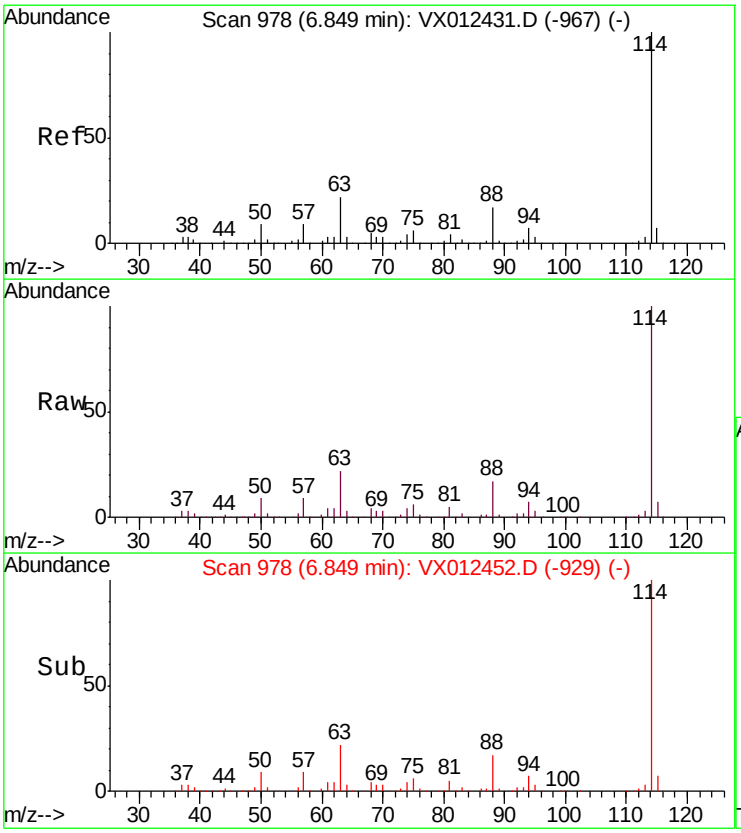
#33
1,2-Dichloroethane-d4
Concen: 48.684 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 65 Resp: 113696

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.2

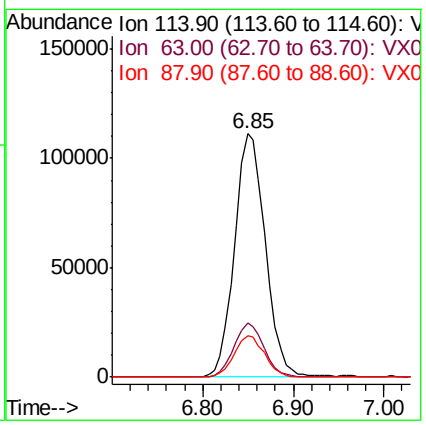


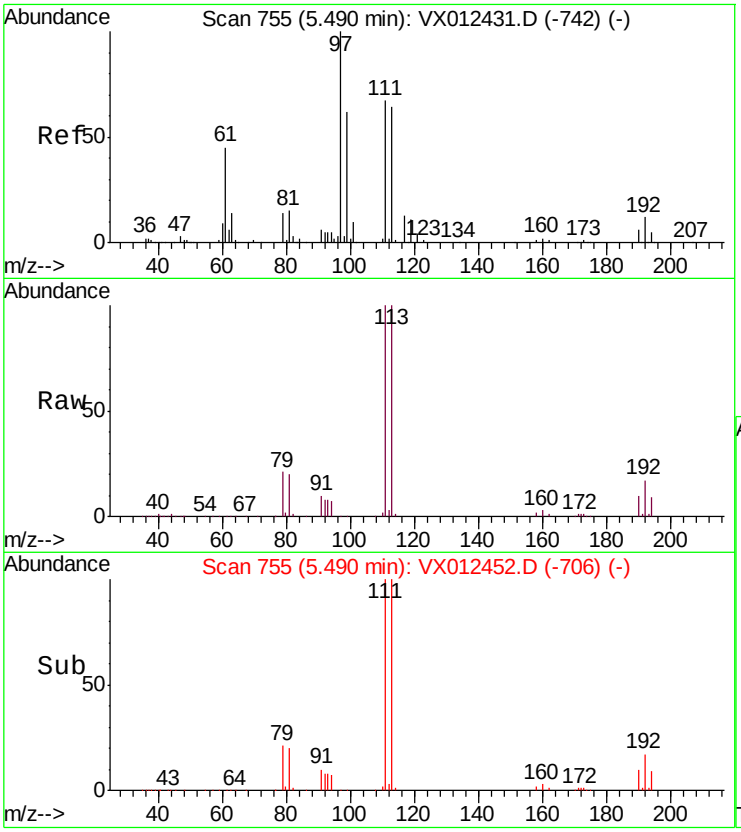


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:114 Resp: 261697

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	17.2	0.0	33.2



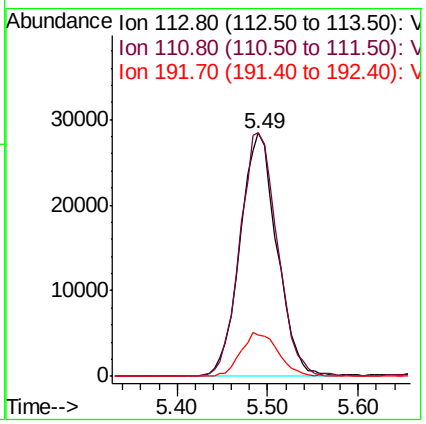


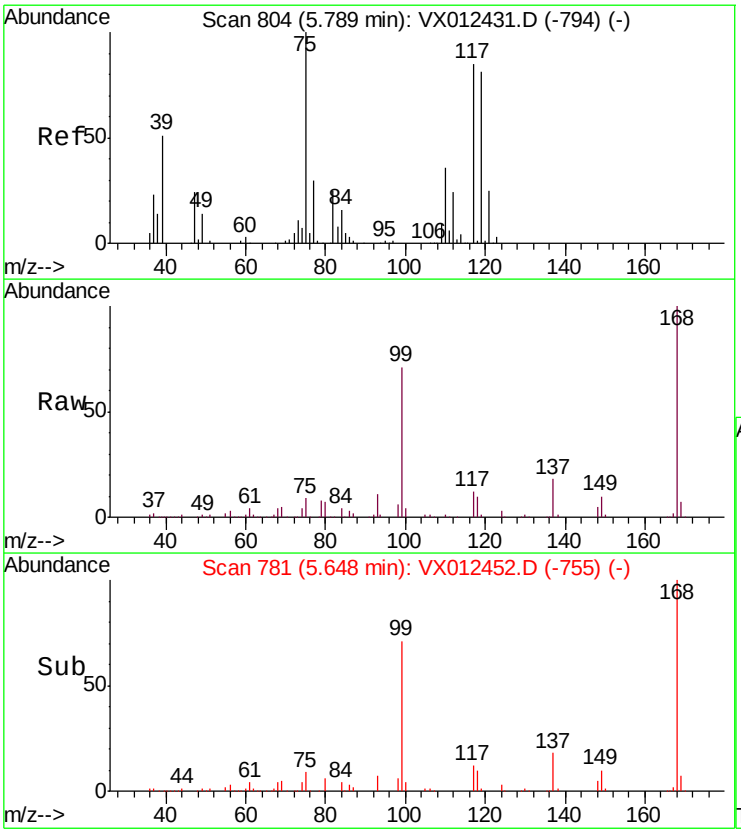
#35
Dibromofluoromethane
Concen: 50.462 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion:113 Resp: 79929

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	18.3	14.4	21.6

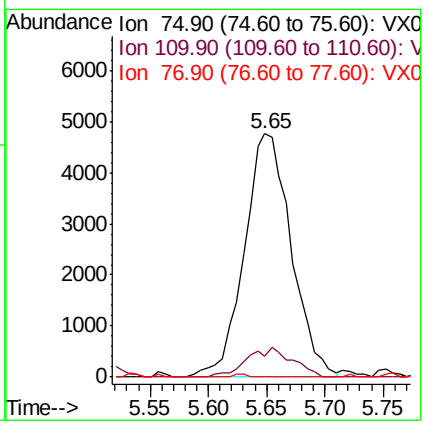


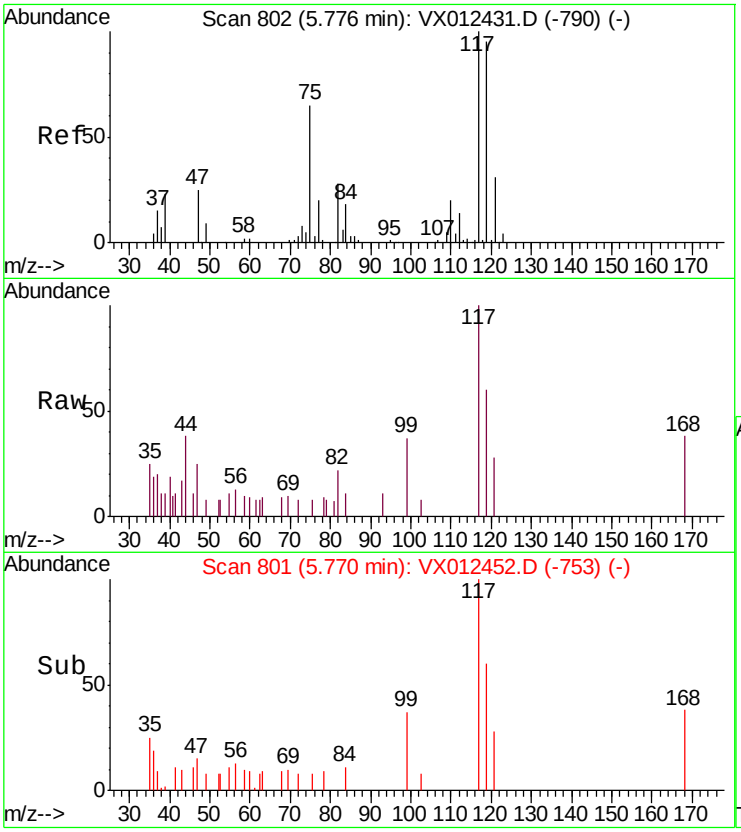


#36
1,1-Dichloropropene
Concen: 8.377 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 75 Resp: 13324

Ion	Ratio	Lower	Upper
75	100		
110	11.8	16.7	50.0#
77	0.0	24.2	36.2#



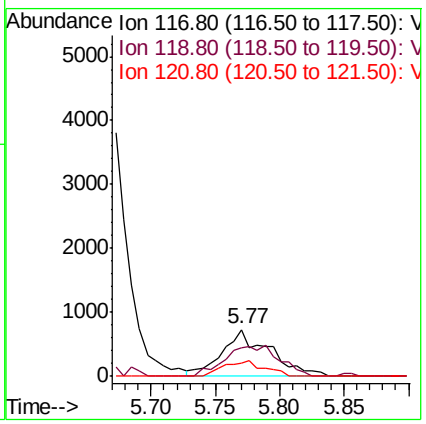


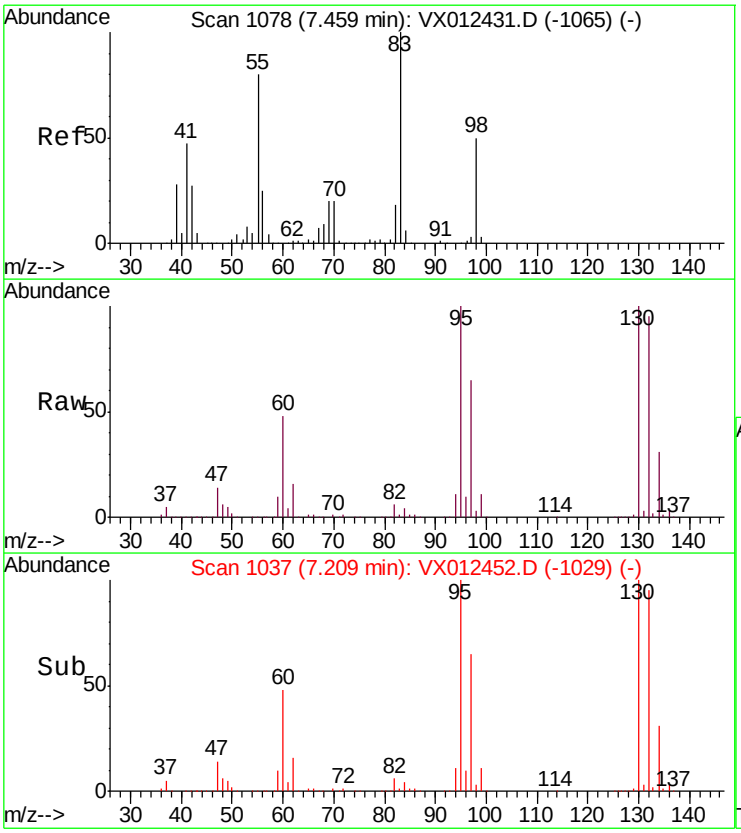
#38
Carbon Tetrachloride
Concen: 0.944 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion:117 Resp: 1868

Ion	Ratio	Lower	Upper
117	100		
119	60.4	75.7	113.5#
121	27.7	24.2	36.4

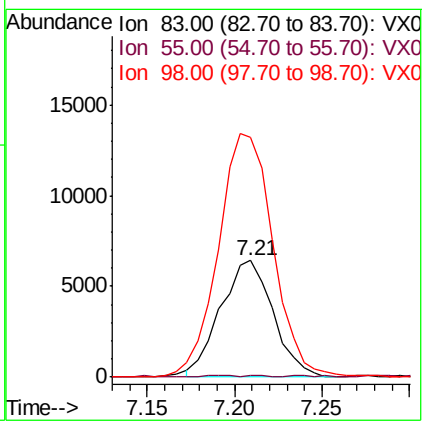


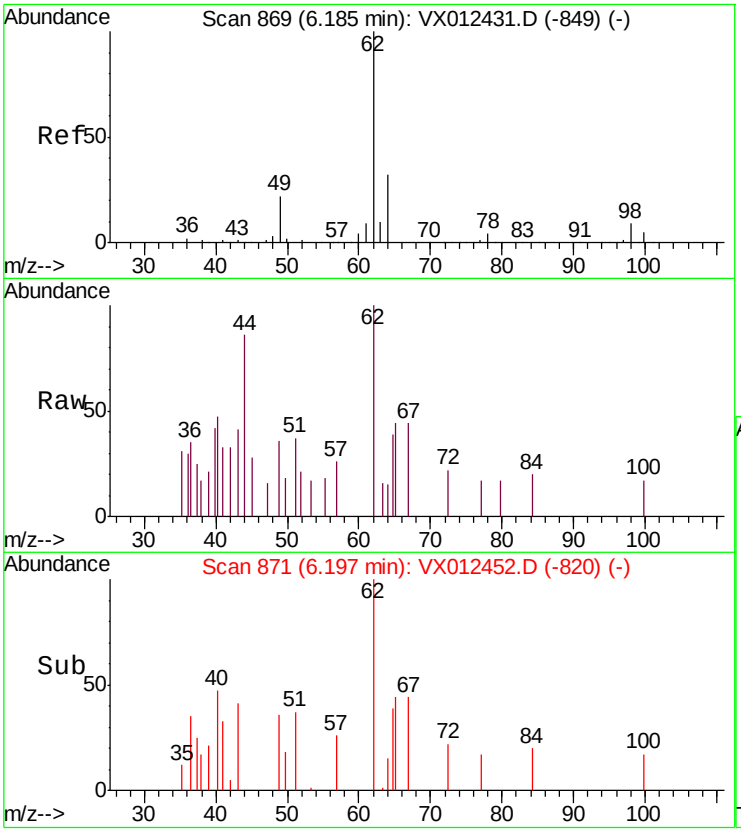


#39
Methylcyclohexane
Concen: 8.695 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 83 Resp: 13443

Ion	Ratio	Lower	Upper
83	100		
55	1.5	64.4	96.6#
98	203.6	40.1	60.1#



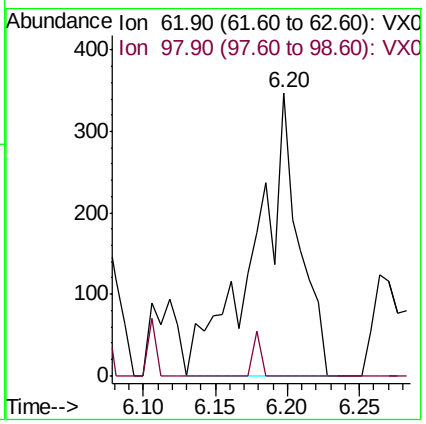


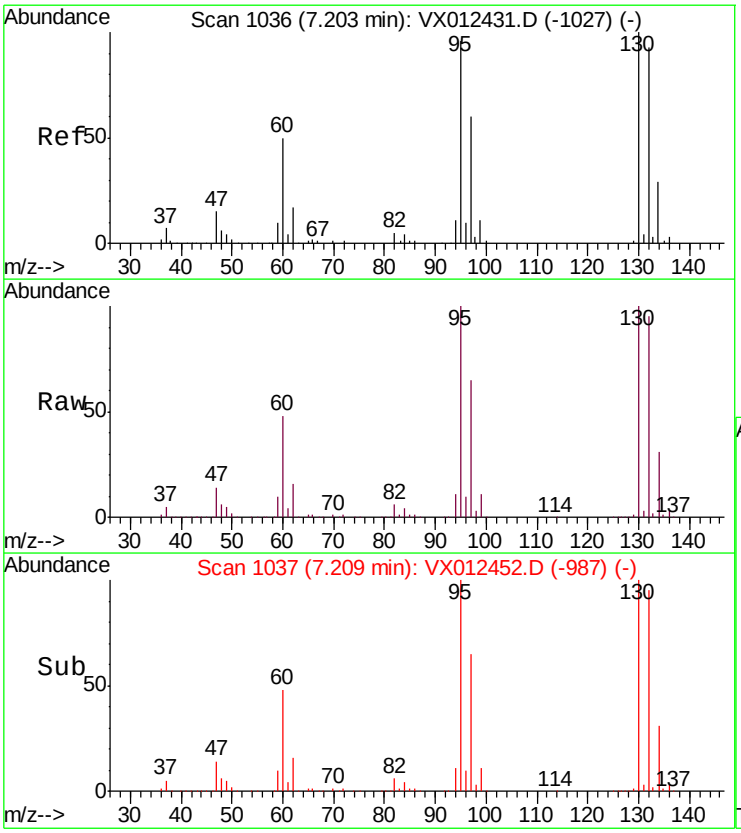
#42
1,2-Dichloroethane
Concen: 0.315 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 62 Resp: 738

Ion	Ratio	Lower	Upper
62	100		
98	2.7	0.0	17.8

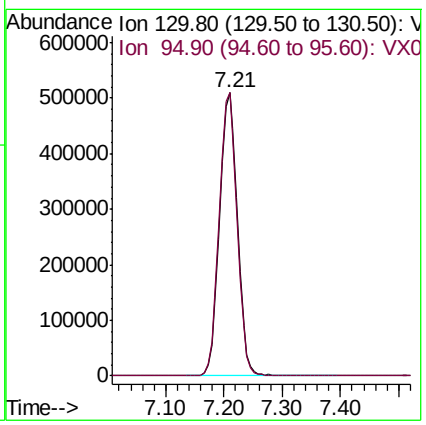


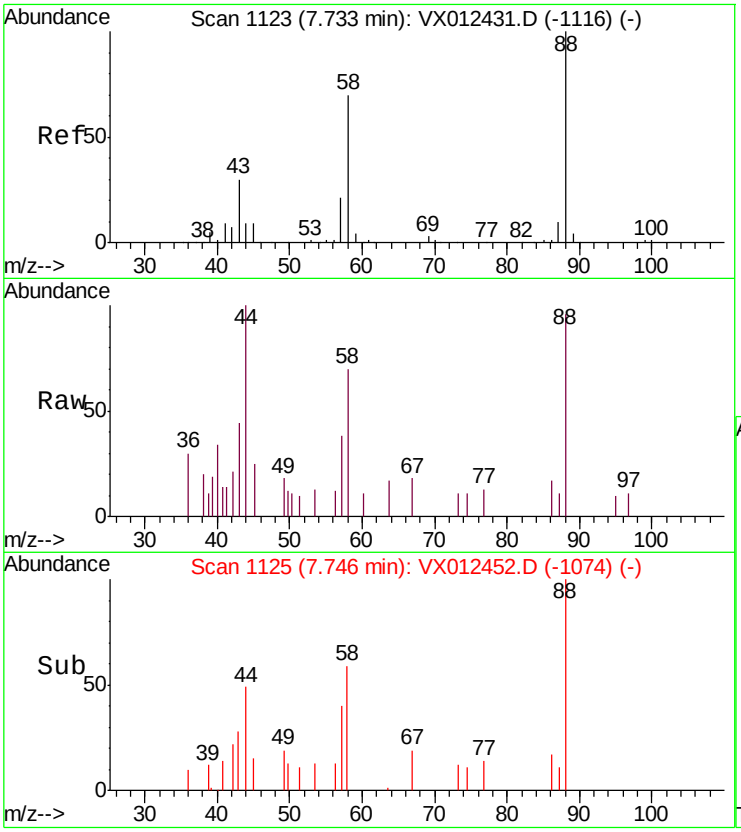


#44
Trichloroethene
Concen: 817.351 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:130 Resp: 1087423

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	193.0



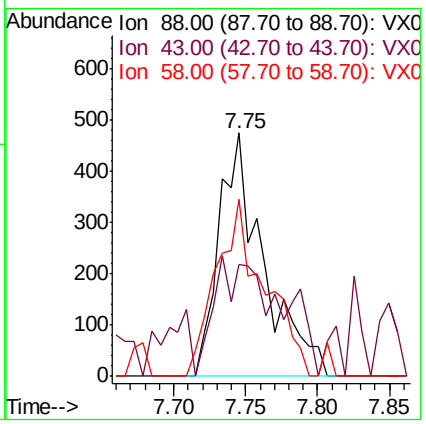


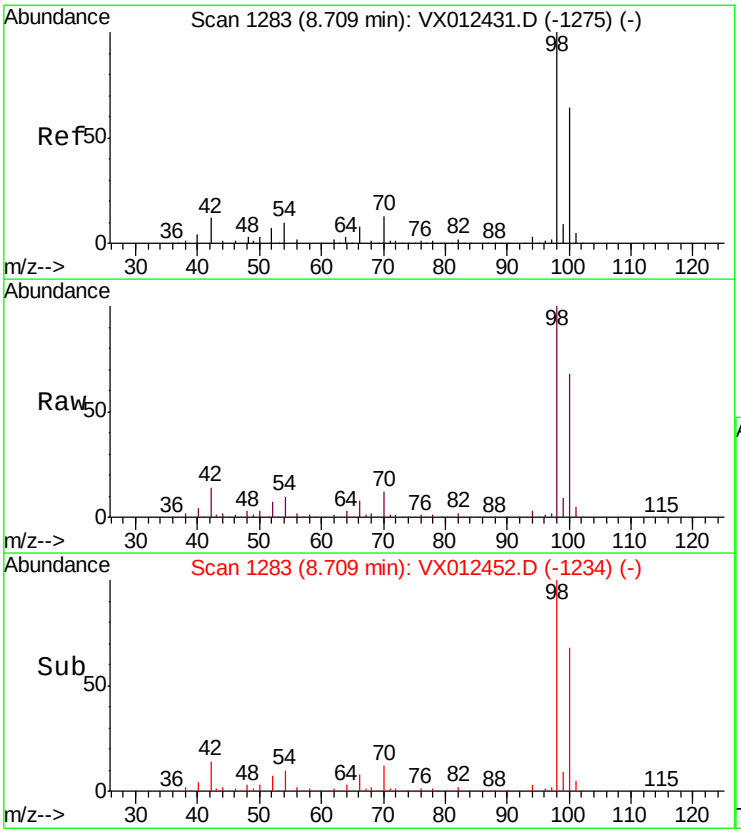
#49
1,4-Dioxane
Concen: 20.310 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190909

Tgt Ion: 88 Resp: 1021

Ion	Ratio	Lower	Upper
88	100		
43	21.1	29.4	44.0#
58	79.1	57.5	86.3

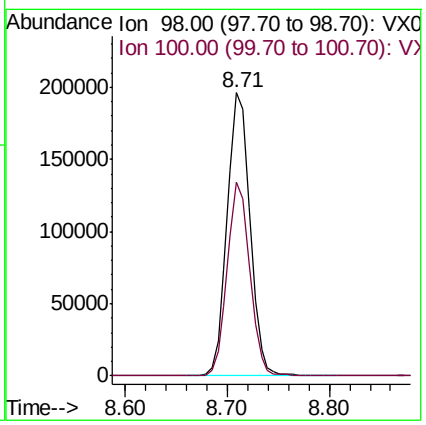


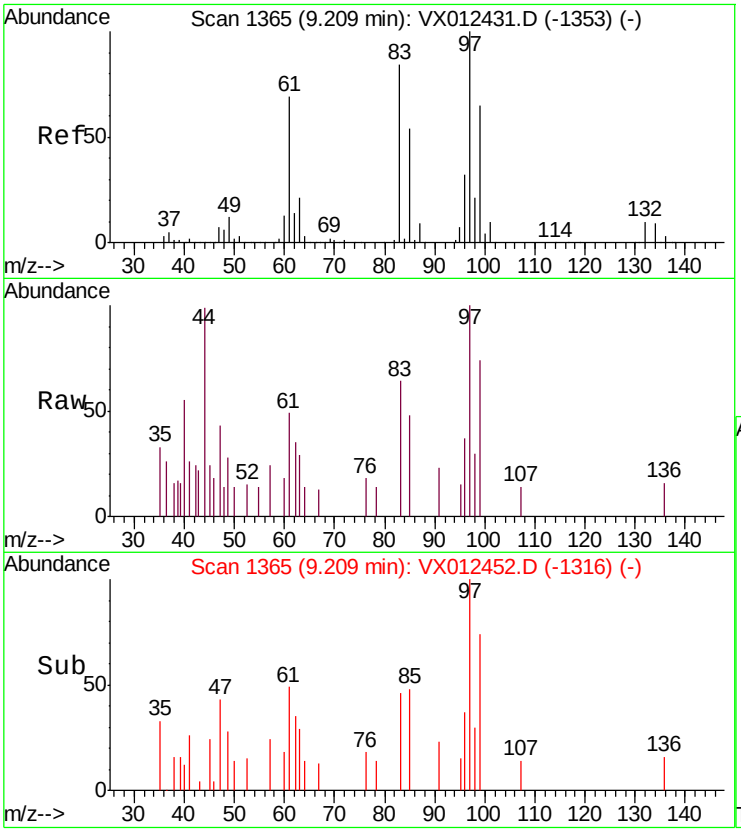


#50
Toluene-d8
Concen: 51.845 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 98 Resp: 303958

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2



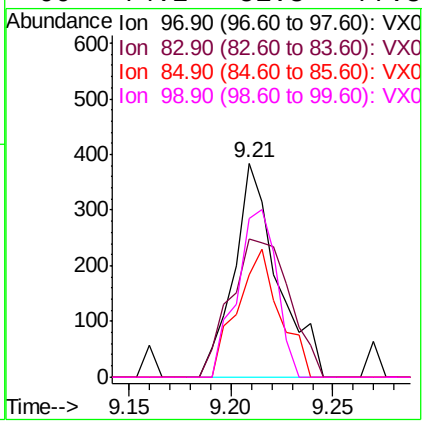


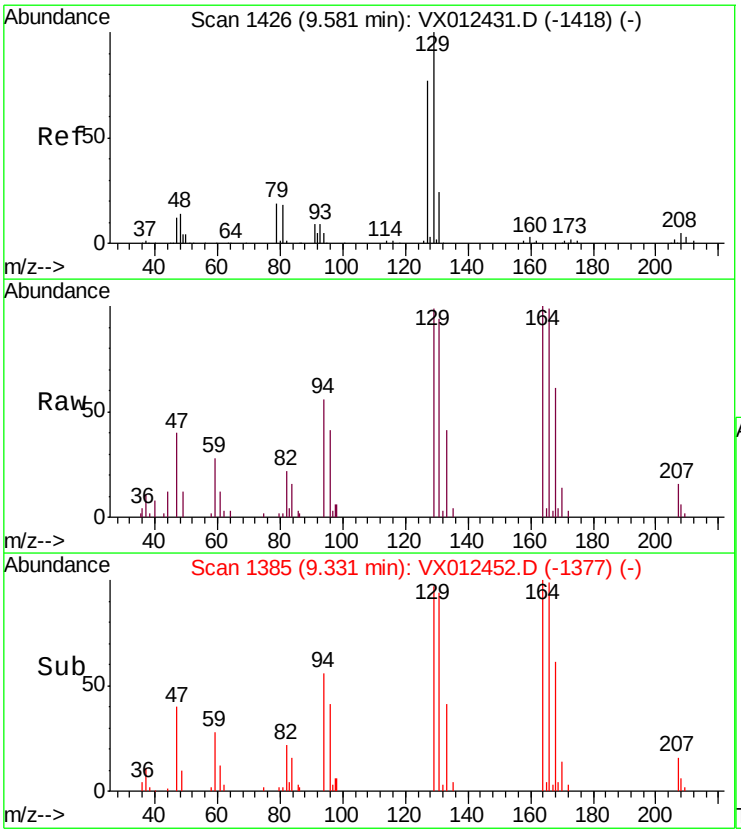
#55
1,1,2-Trichloroethane
Concen: 0.339 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 97 Resp: 569

Ion	Ratio	Lower	Upper
97	100		
83	64.3	67.4	101.2#
85	47.7	43.5	65.3
99	74.2	51.8	77.8

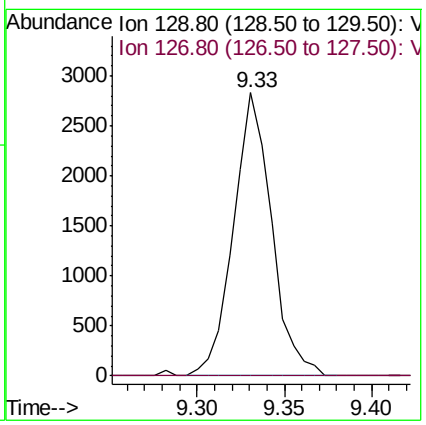


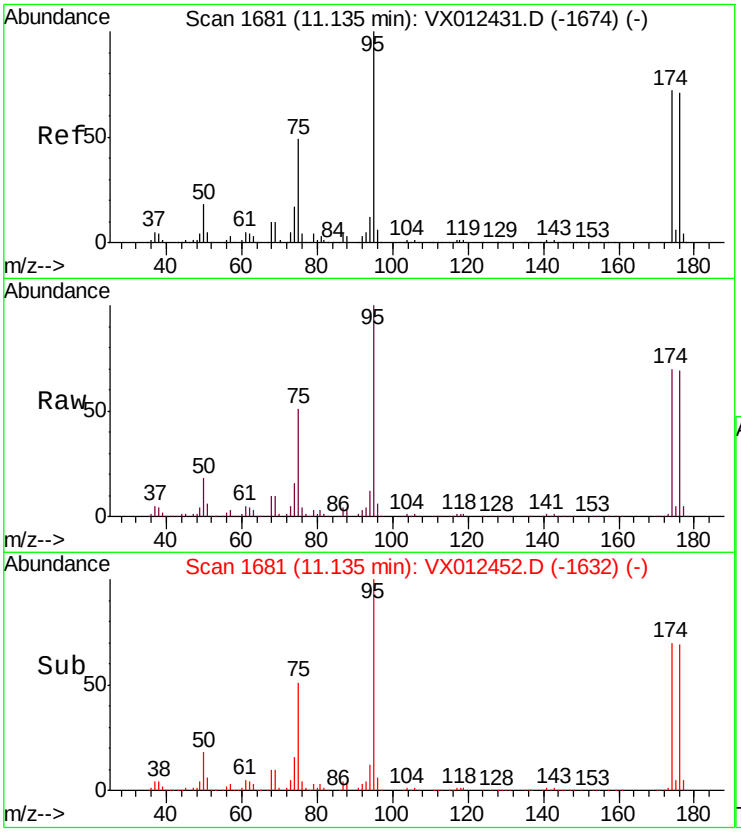


#60
Dibromochloromethane
Concen: 2.518 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:129 Resp: 4307

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



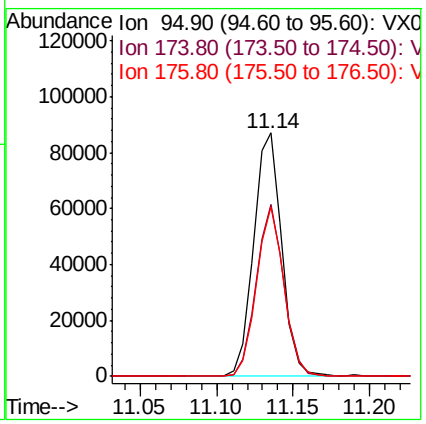


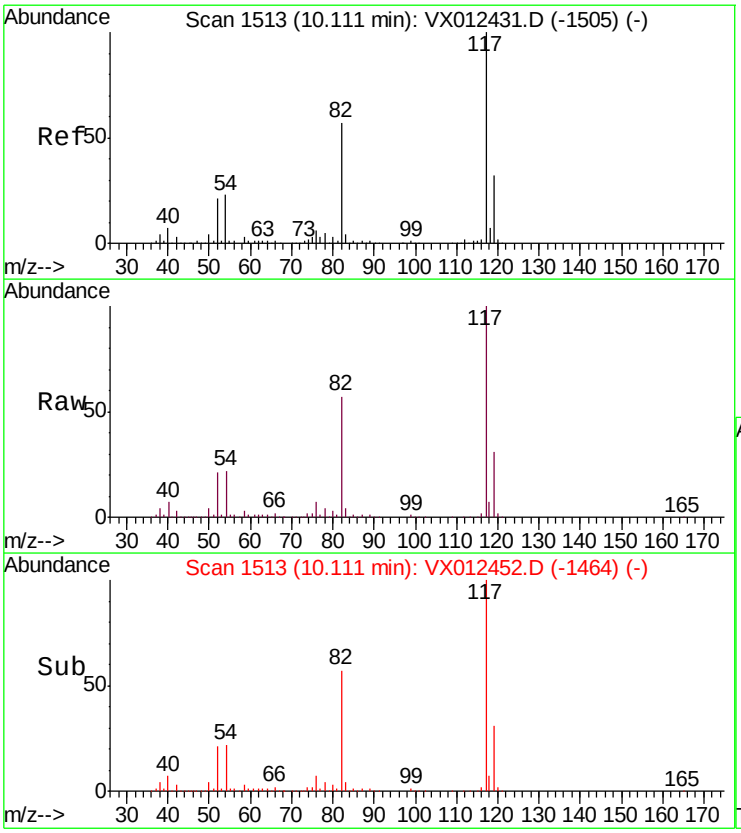
#62
4-Bromofluorobenzene
Concen: 45.697 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 95 Resp: 111241

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	140.0
176	68.2	0.0	135.4

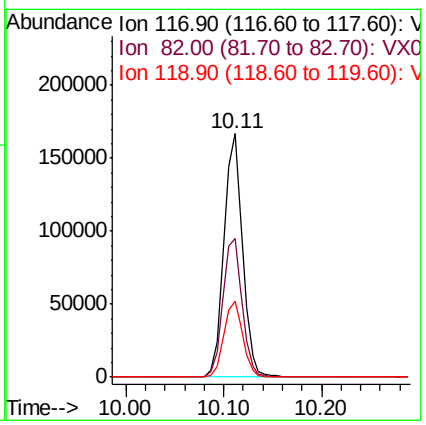


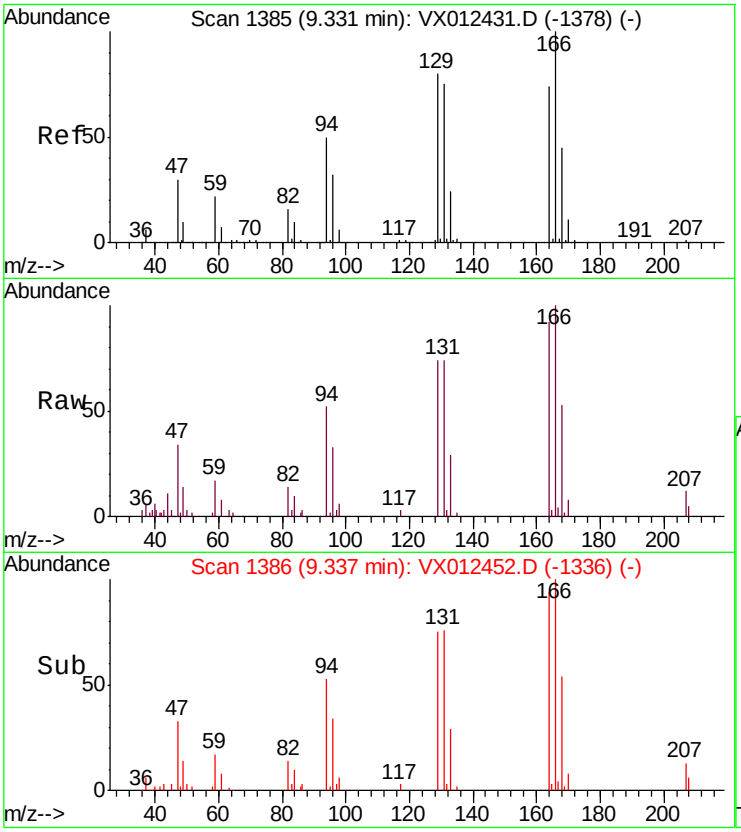


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:117 Resp: 220631

Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.9	68.9
119	31.4	25.3	37.9



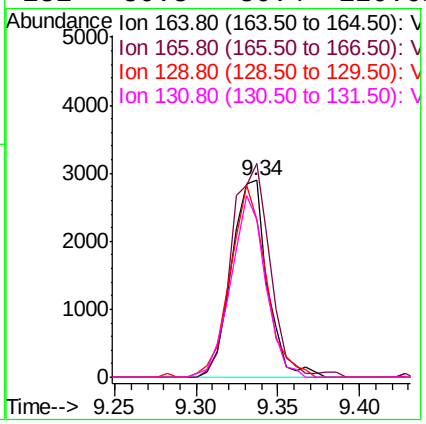


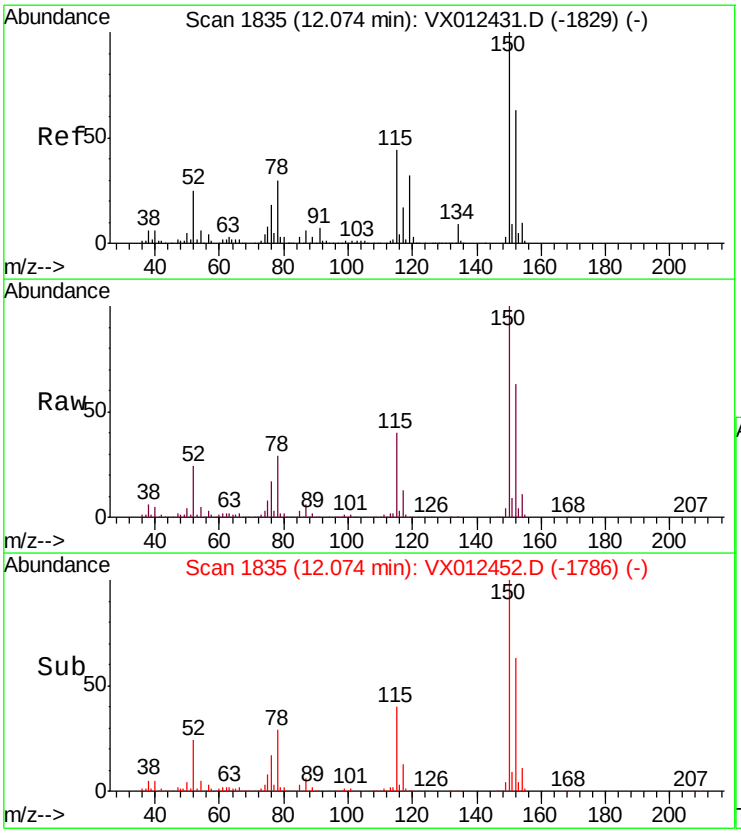
#64
Tetrachloroethene
Concen: 4.376 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion:164 Resp: 4424

Ion	Ratio	Lower	Upper
164	100		
166	108.5	107.8	161.6
129	80.0	86.2	129.2#
131	80.3	80.4	120.6#

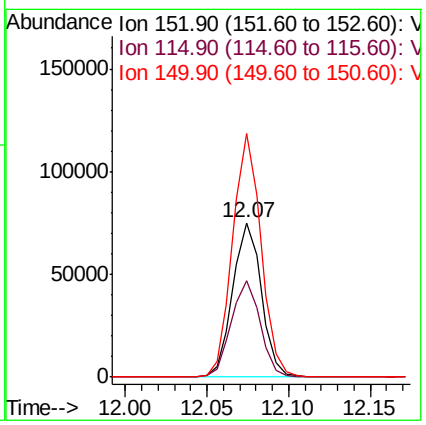


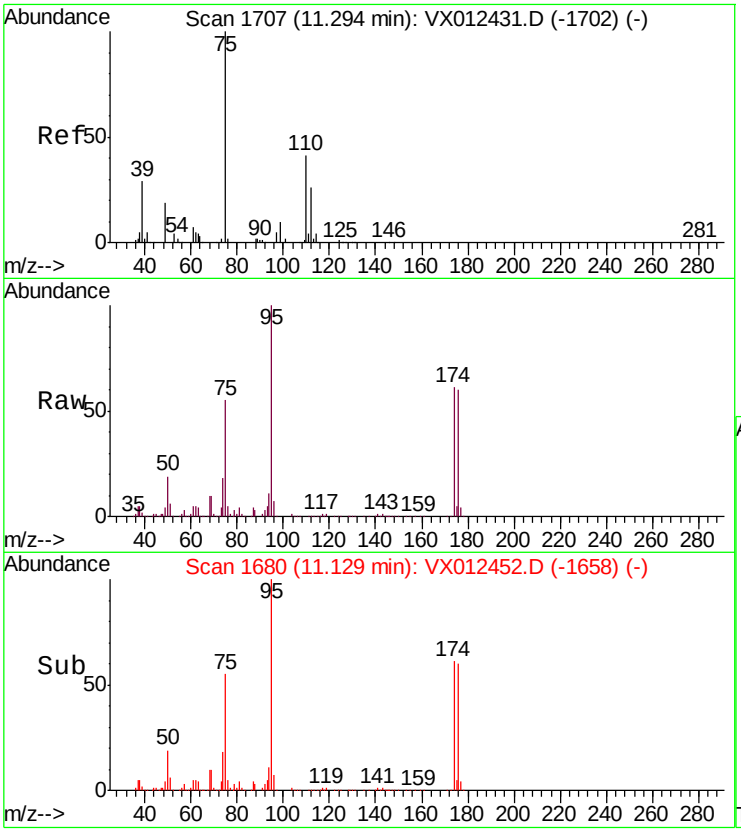


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion:152 Resp: 92236

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.1	132.3
150	156.1	0.0	343.8



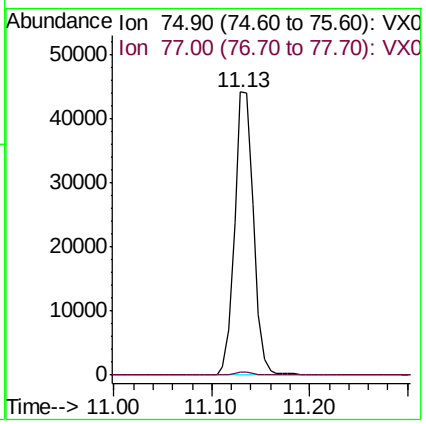


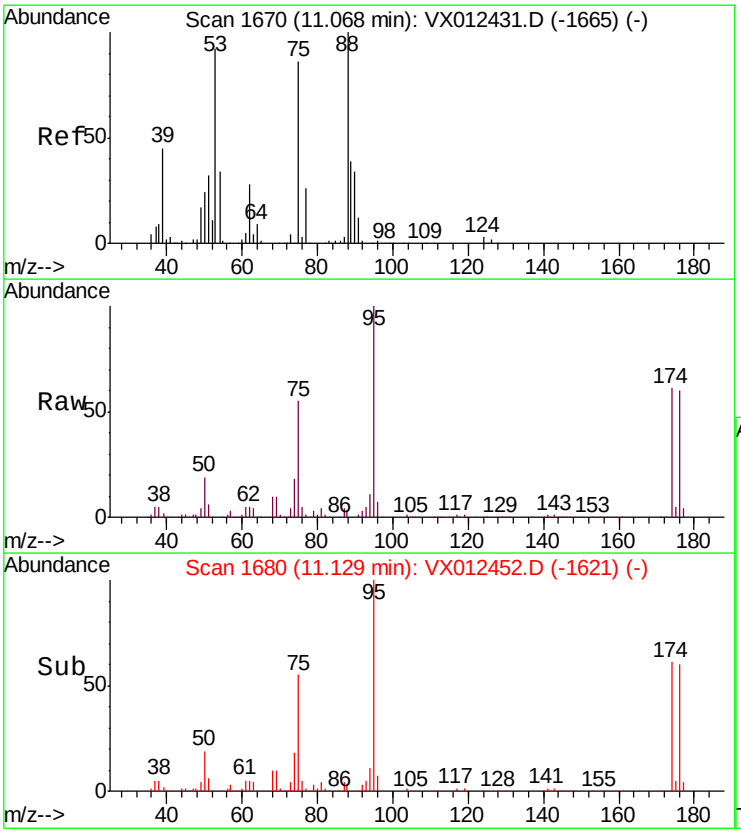
#76
1,2,3-Trichloropropane
Concen: 27.893 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190909

Tgt Ion: 75 Resp: 59098

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.931 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012452.D
Acq: 17 Sep 2019 23:24

Tgt Ion: 75 Resp: 59098

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.0	36.3	54.5#