Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012562.D
Acq On : 20 Sep 2019 17:09
Operator : JC/SP
Sample : K4858-25DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D5-20190911DL

Quant Time: Sep 21 01:35:45 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	179740	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	281718	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	241250	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102026	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	118287	45.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.84%				
35) Dibromofluoromethane	5.49	113	83095	48.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.46%				
50) Toluene-d8	8.71	98	329620	52.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.46%				
62) 4-Bromofluorobenzene	11.14	95	120517	45.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	318	0.654	ug/l		81
3) Chloromethane	1.31	50	401	0.406	ug/l	#	19
4) Vinyl Chloride	1.39	62	232	0.217	ug/l	#	44
5) Bromomethane	1.62	94	265	0.632	ug/l	#	56
6) Chloroethane	1.69	64	486	0.582	ug/l	#	45
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2441	1.723	ug/l		95
10) Methyl Iodide	2.49	142	227	4.612	ug/l	#	76
11) Tert butyl alcohol	3.01	59	6092	3.536	ug/l	#	83
12) 1,1-Dichloroethene	2.35	96	895	0.792	ug/l	#	84
13) Acrolein	2.28	56	100	Below Cal		#	1
16) Acetone	2.44	43	1981	Below Cal			97
17) Carbon Disulfide	2.55	76	251	1.958	ug/l	#	75
20) Methylene Chloride	2.84	84	848	0.544	ug/l	#	78
24) 1,1-Dichloroethane	3.69	63	792	0.269	ug/l	#	81
25) 2-Butanone	4.69	43	430	0.241	ug/l	#	51
27) cis-1,2-Dichloroethene	4.58	96	1018	0.581	ug/l		68
30) Chloroform	5.20	83	1391	0.411	ug/l	#	75
36) 1,1-Dichloropropene	5.65	75	14805	8.647	ug/l	#	52
38) Carbon Tetrachloride	5.76	117	643	0.302	ug/l	#	67
39) Methylcyclohexane	7.46	83	552	0.332	ug/l	#	58
42) 1,2-Dichloroethane	6.20	62	595	0.236	ug/l	#	75
44) Trichloroethene	7.20	130	44725	31.228	ug/l		92
49) 1,4-Dioxane	7.73	88	304	5.617	ug/l	#	28
64) Tetrachloroethene	9.33	164	371	0.336	ug/l	#	70
76) 1,2,3-Trichloropropane	11.14	75	61893	26.409	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	61893	71.110	ug/l	#	8
84) 1,2,4-Trimethylbenzene	11.81	105	1217	0.217	ug/l		85

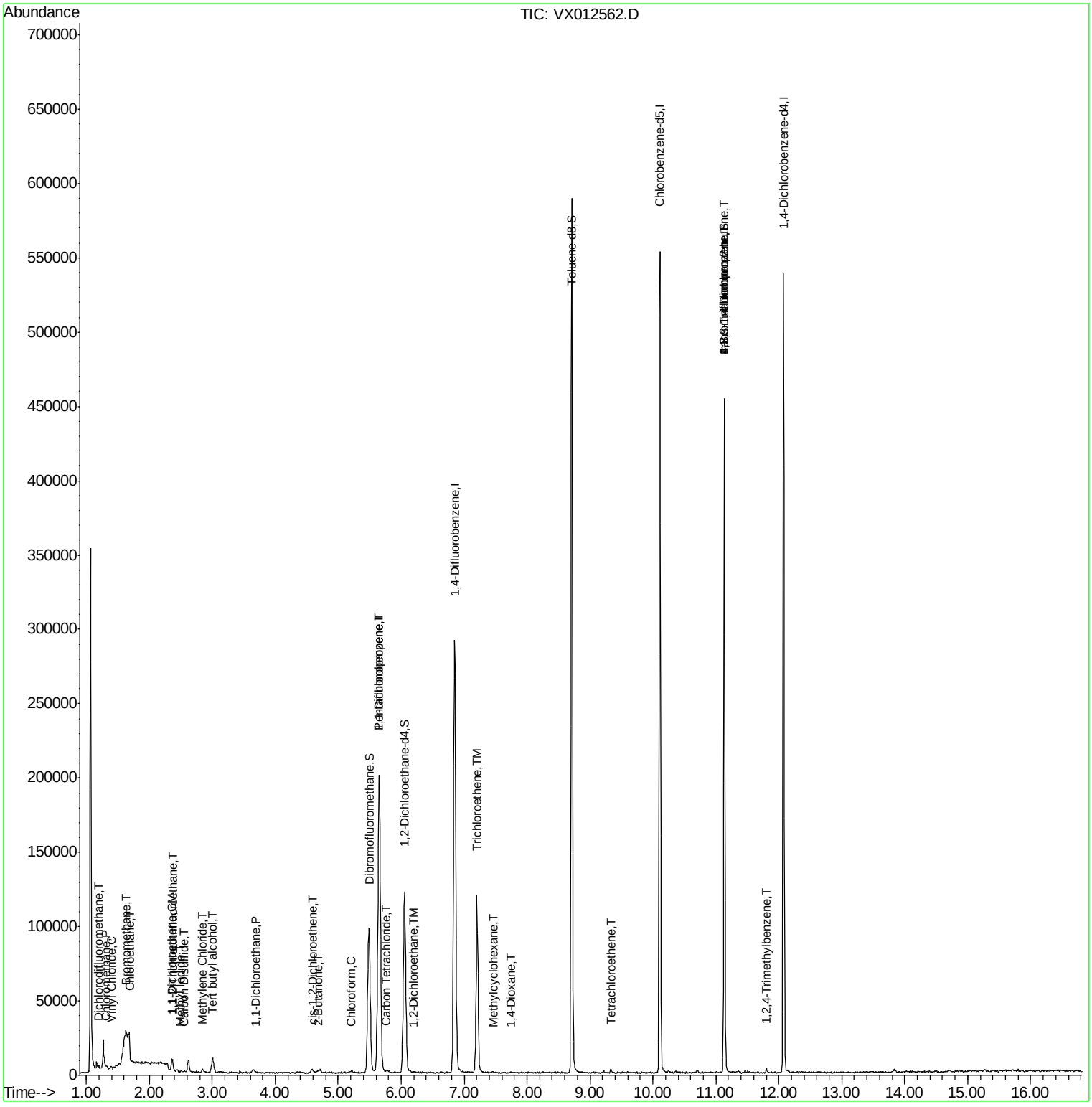
(#) = qualifier out of range (m) = manual integration (+) = signals summed

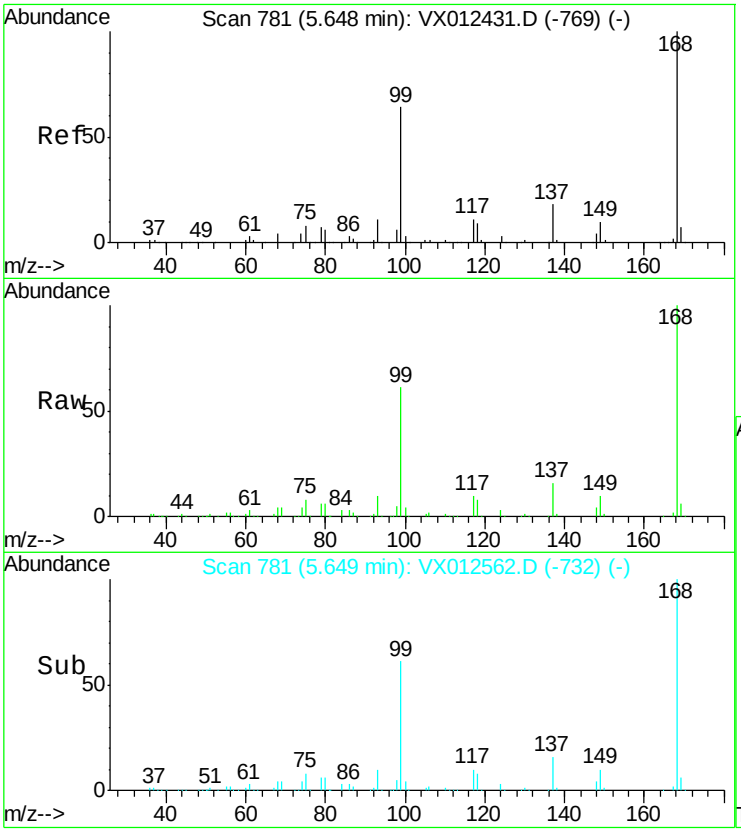
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012562.D
Acq On : 20 Sep 2019 17:09
Operator : JC/SP
Sample : K4858-25DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Quant Time: Sep 21 01:35:45 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



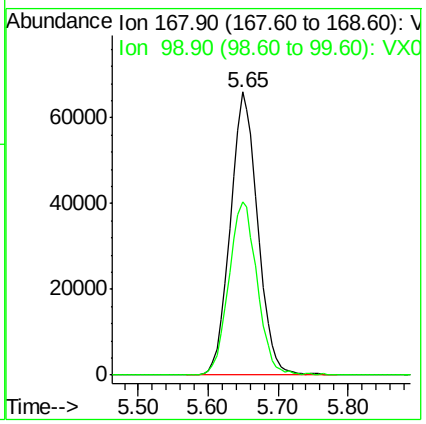


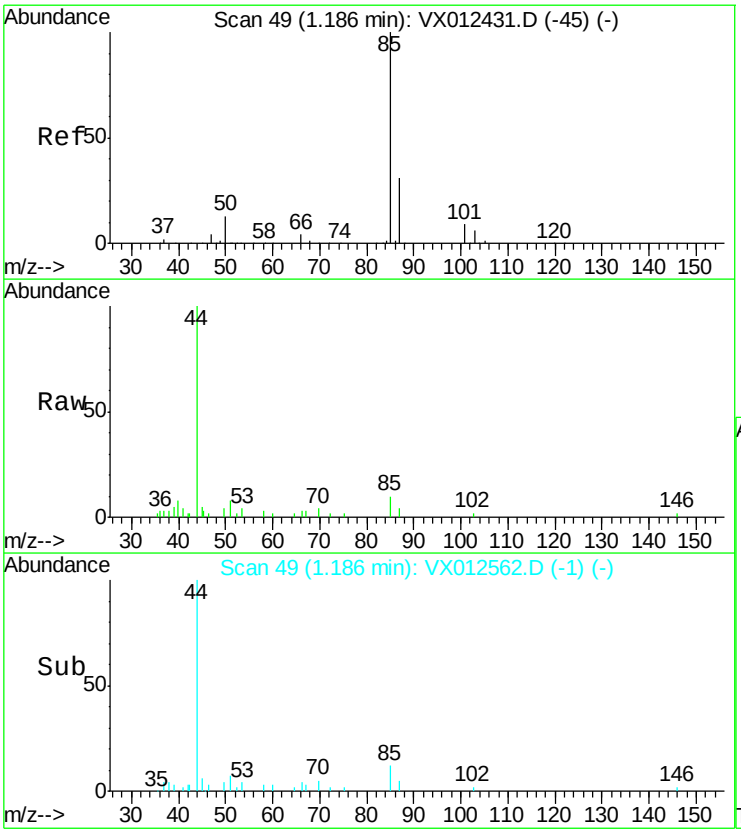
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:168 Resp: 179740

Ion	Ratio	Lower	Upper
168	100		
99	61.1	51.4	77.2

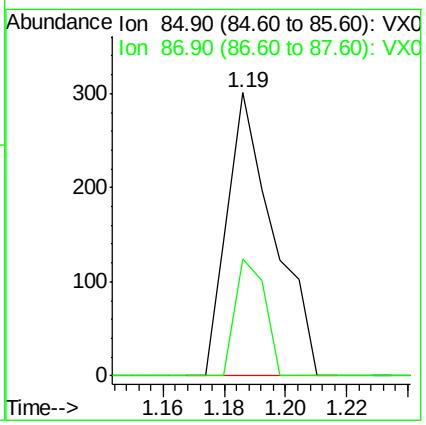


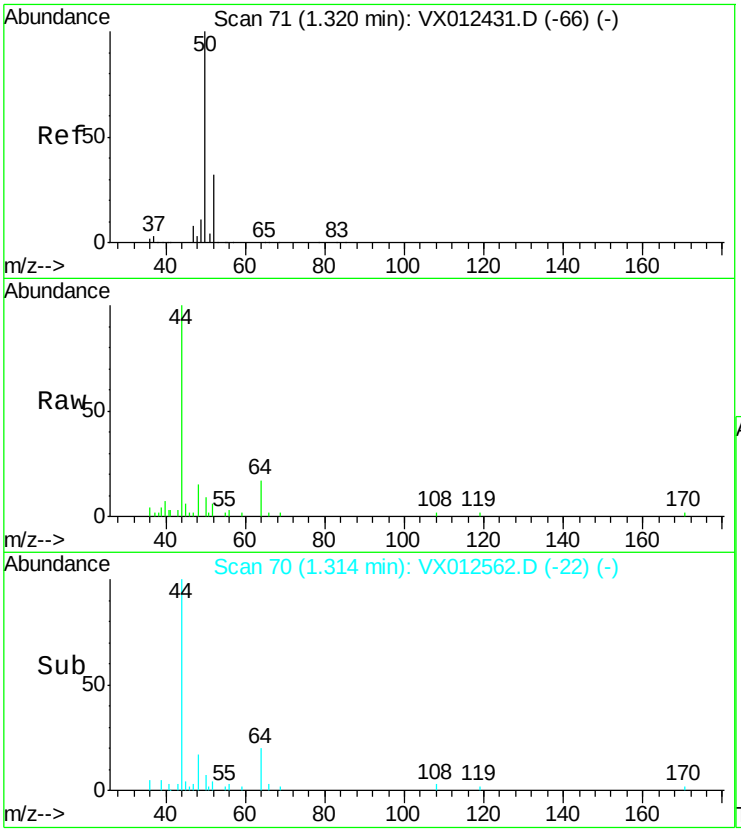


#2
Dichlorodifluoromethane
Concen: 0.654 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 85 Resp: 318

Ion	Ratio	Lower	Upper
85	100		
87	41.5	15.6	46.8



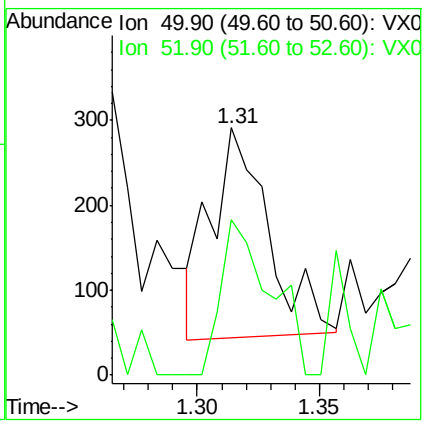


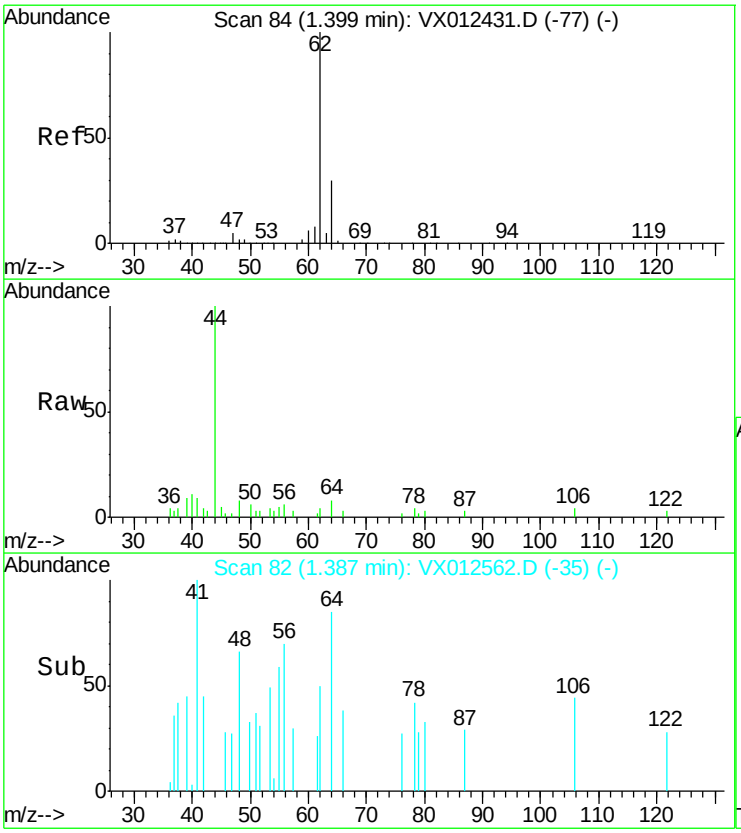
#3
Chloromethane
Concen: 0.406 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 50 Resp: 401

Ion	Ratio	Lower	Upper
50	100		
52	77.5	25.7	38.5#

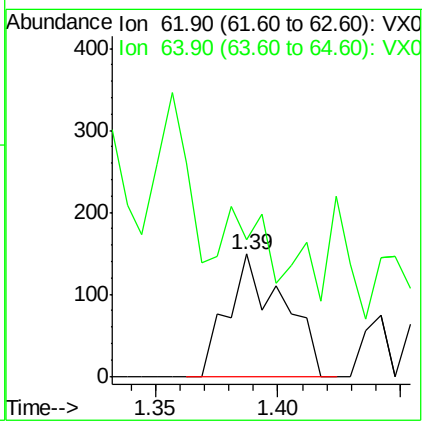


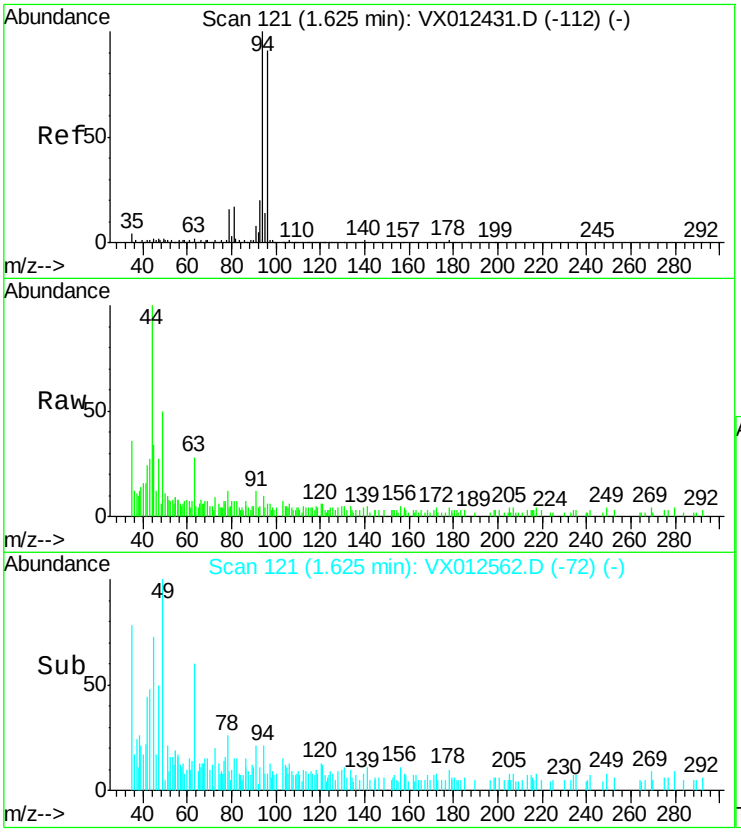


#4
Vinyl Chloride
Concen: 0.217 ug/l
RT: 1.39 min Scan# 82
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 62 Resp: 232

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.2	36.2#



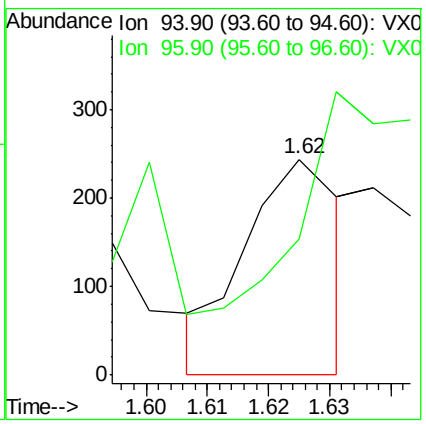


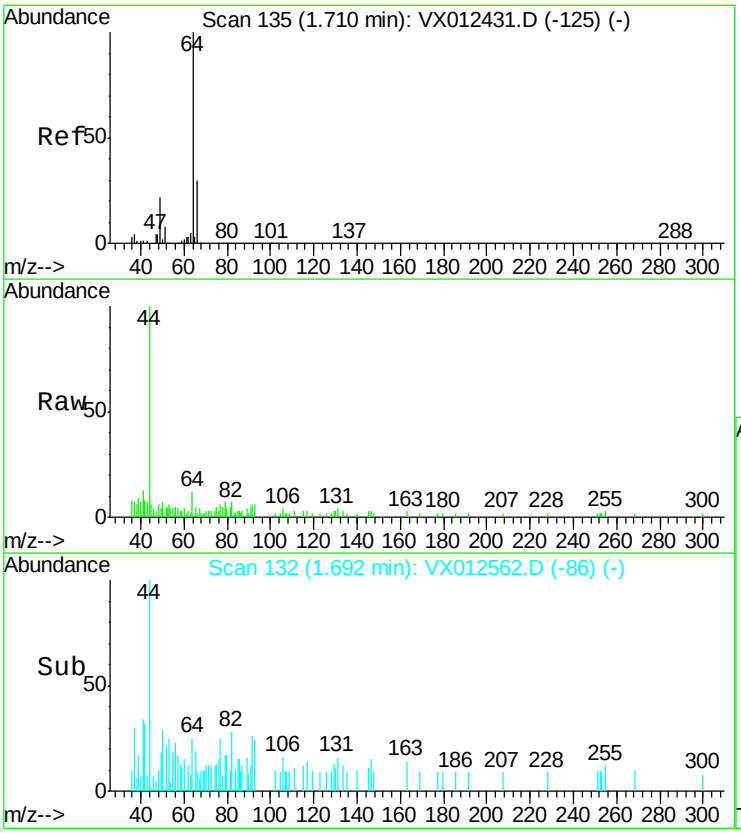
#5
Bromomethane
Concen: 0.632 ug/l
RT: 1.62 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 94 Resp: 265

Ion	Ratio	Lower	Upper
94	100		
96	49.4	72.8	109.2#

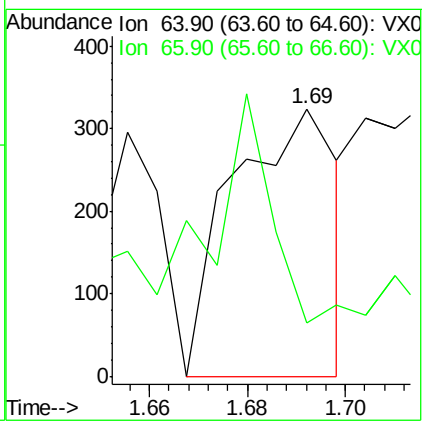


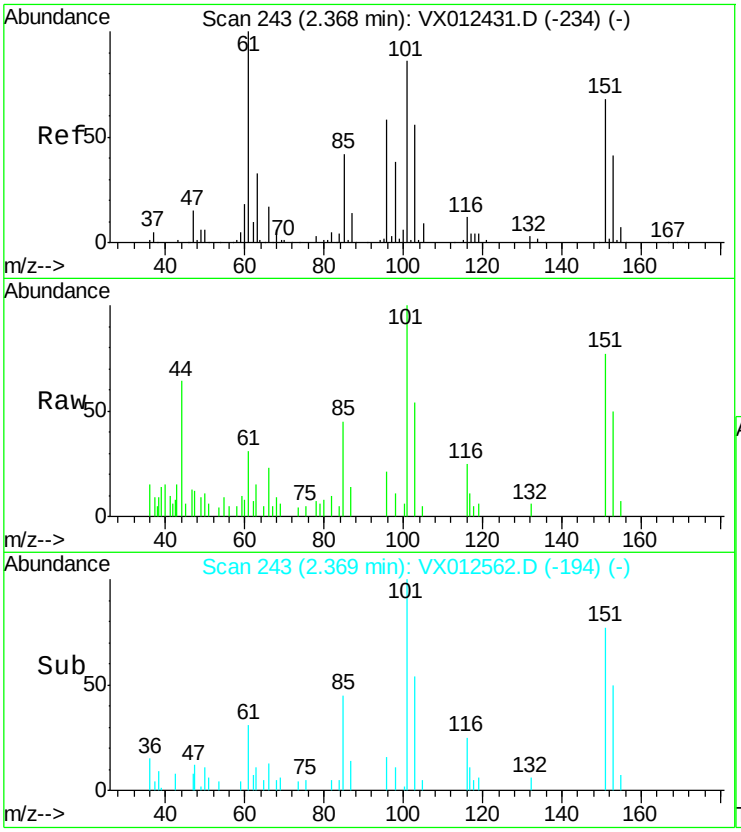


#6
Chloroethane
Concen: 0.582 ug/l
RT: 1.69 min Scan# 132
Delta R.T. -0.02 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 64 Resp: 486

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#



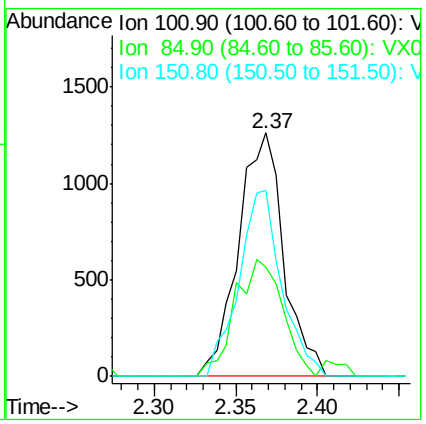


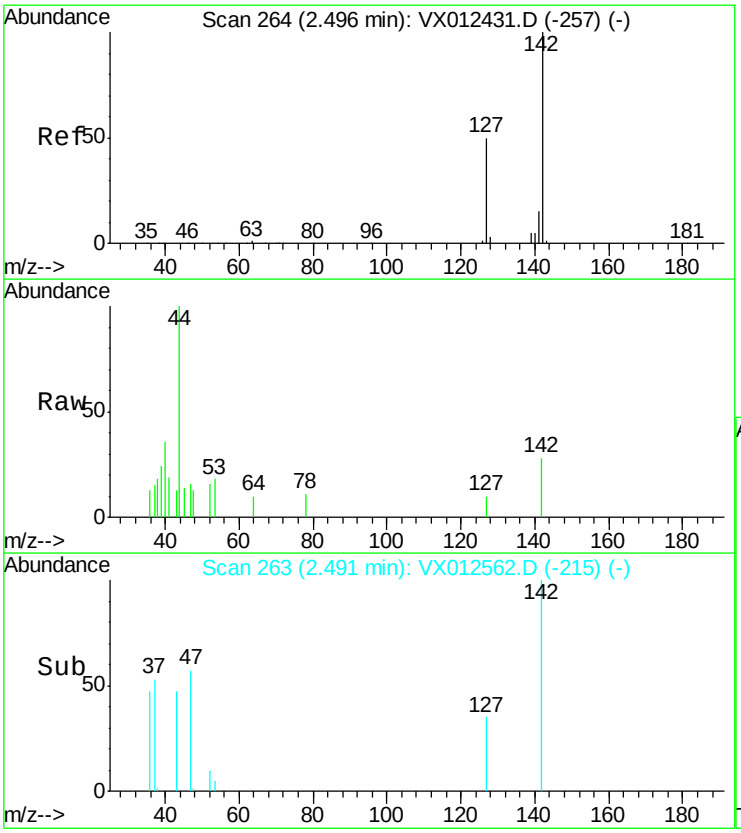
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.723 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:101 Resp: 2441

Ion	Ratio	Lower	Upper
101	100		
85	50.2	37.3	55.9
151	72.3	61.0	91.4

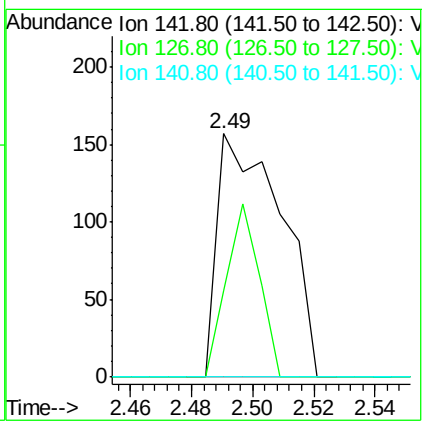


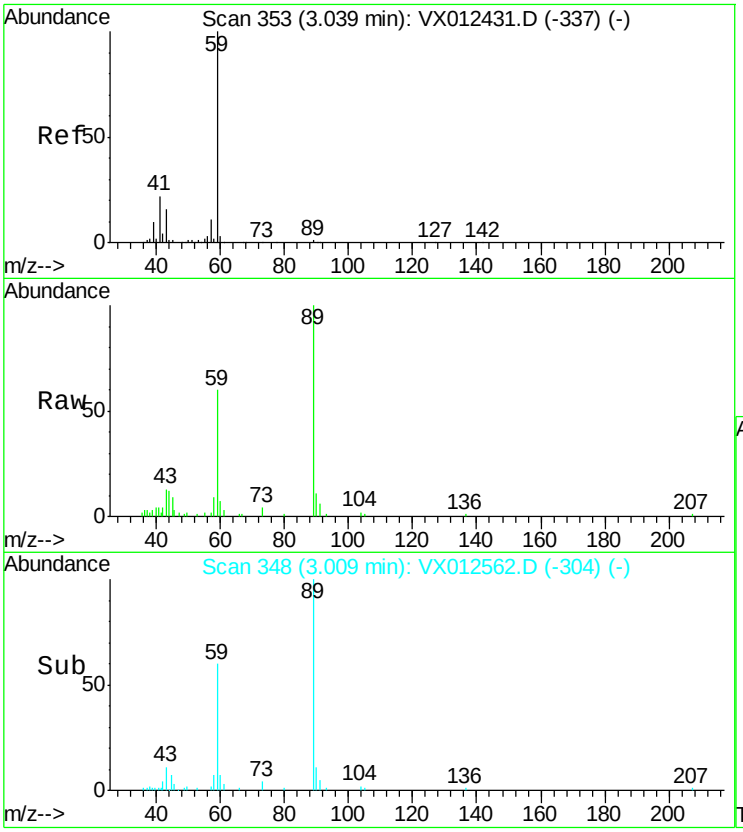


#10
Methyl Iodide
Concen: 4.612 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion:142 Resp: 227

Ion	Ratio	Lower	Upper
142	100		
127	36.6	40.8	61.2#
141	0.0	12.1	18.1#



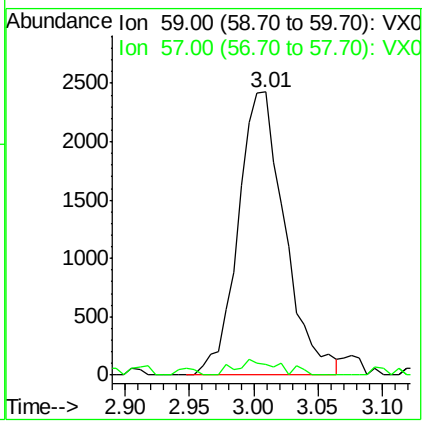


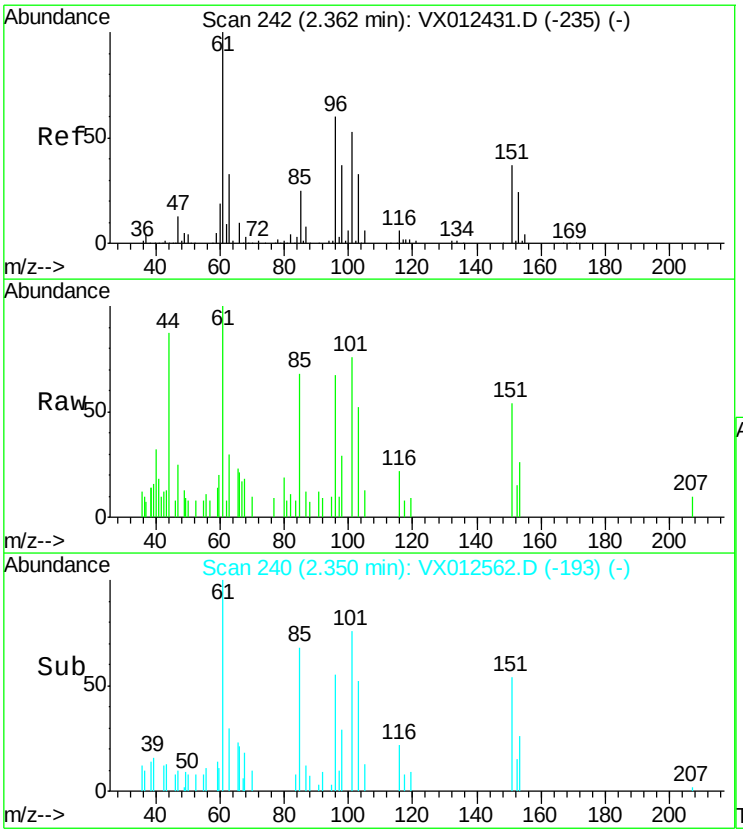
#11
Tert butyl alcohol
Concen: 3.536 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 59 Resp: 6092

Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.3	12.5#

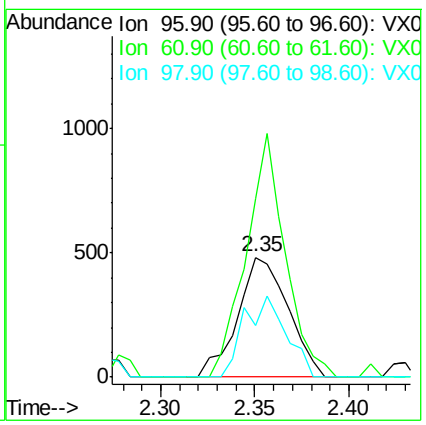


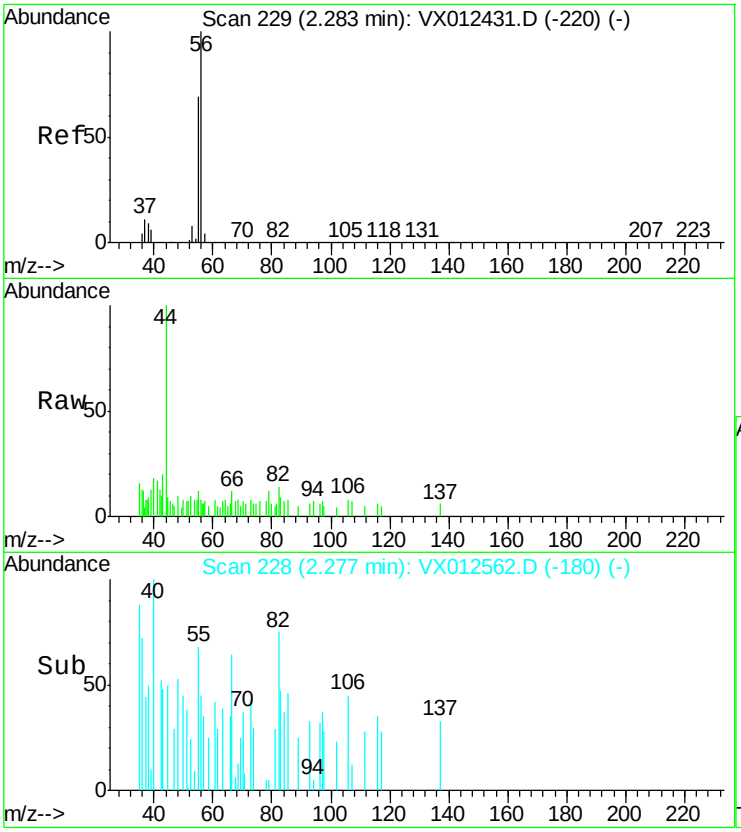


#12
1,1-Dichloroethene
Concen: 0.792 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 96 Resp: 895

Ion	Ratio	Lower	Upper
96	100		
61	149.1	133.8	200.6
98	43.3	49.9	74.9#



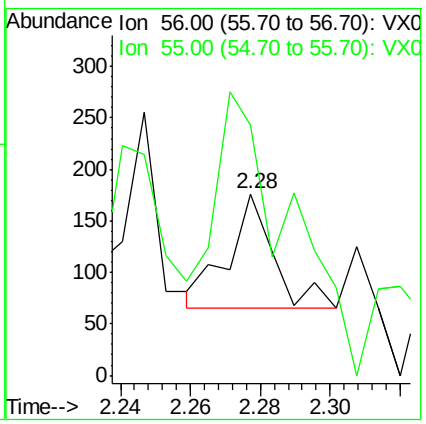


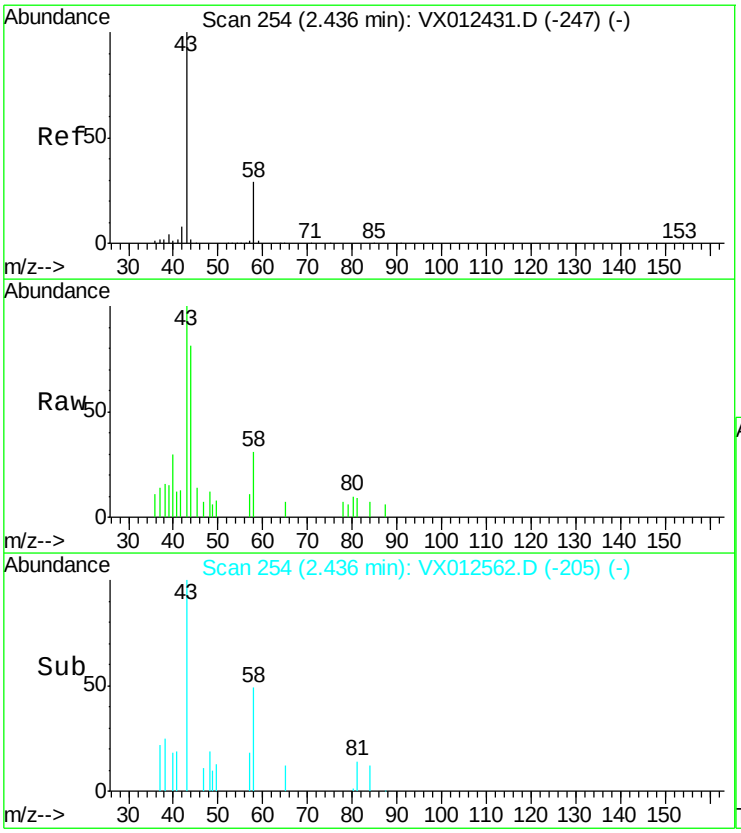
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	417.0	55.8	83.8#

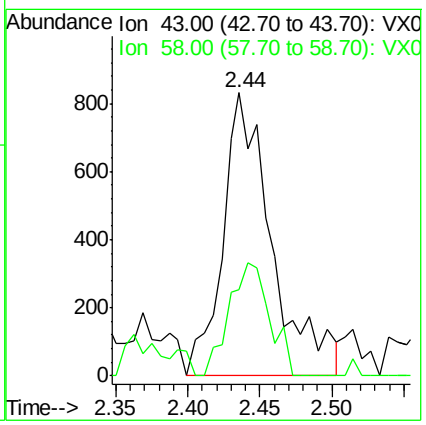


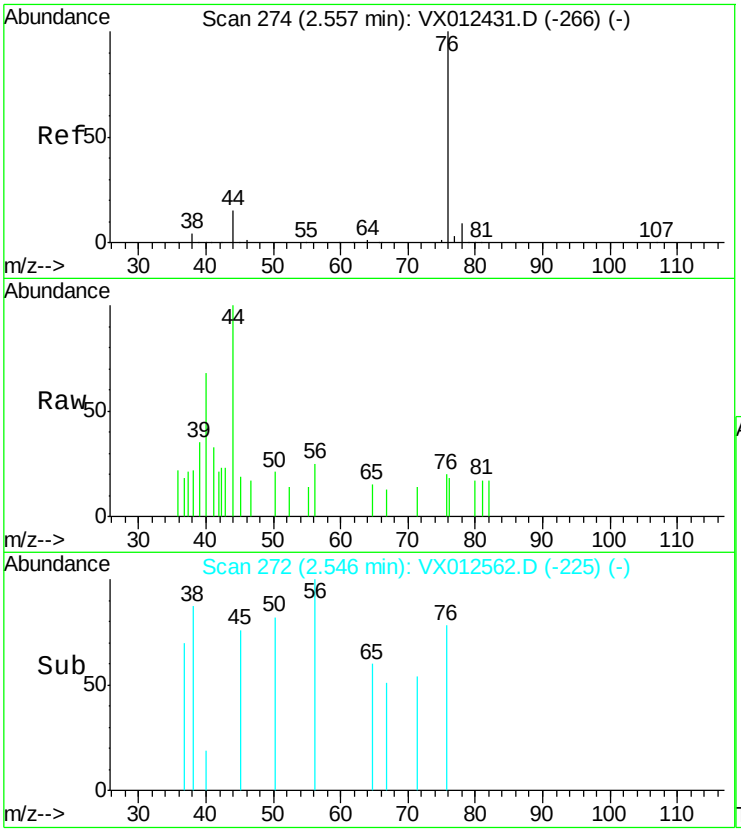


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 43 Resp: 1981

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.3	34.9



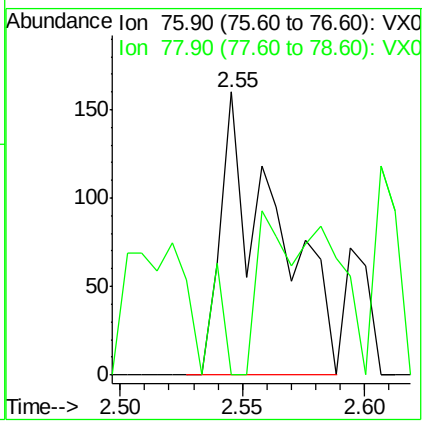


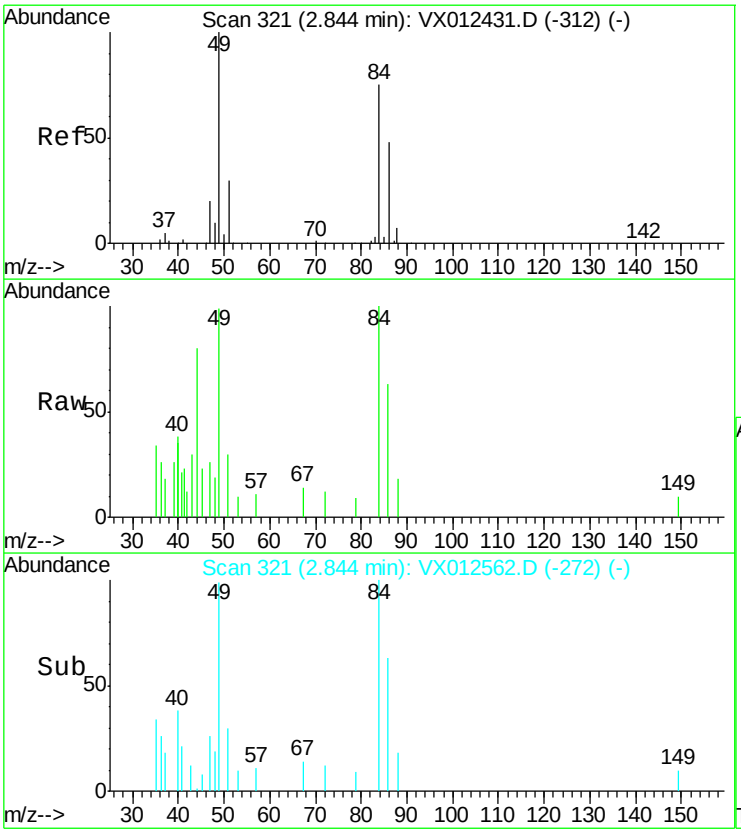
#17
Carbon Disulfide
Concen: 1.958 ug/l
RT: 2.55 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 76 Resp: 251

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

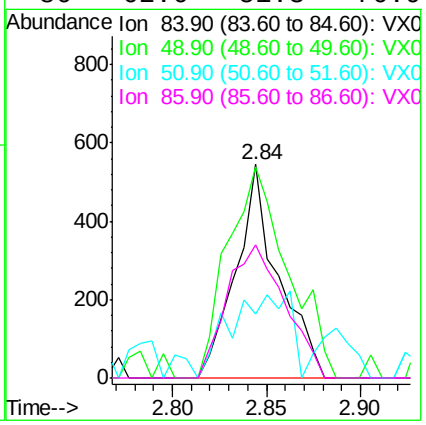


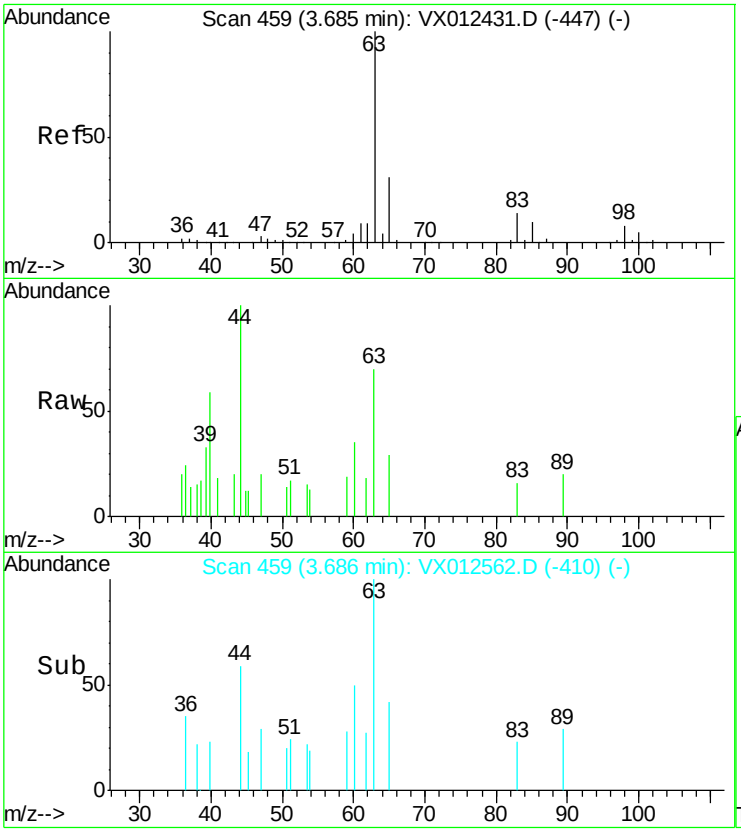


#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 84 Resp: 848

Ion	Ratio	Lower	Upper
84	100		
49	98.7	106.8	160.2#
51	20.9	32.3	48.5#
86	62.6	51.3	76.9



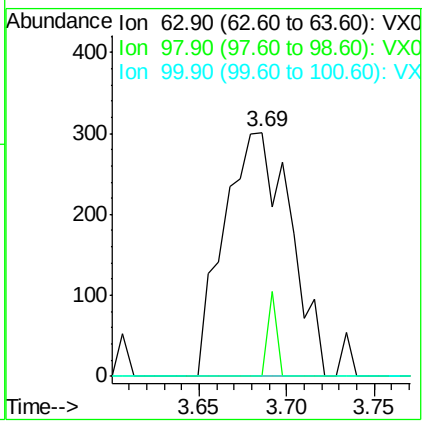


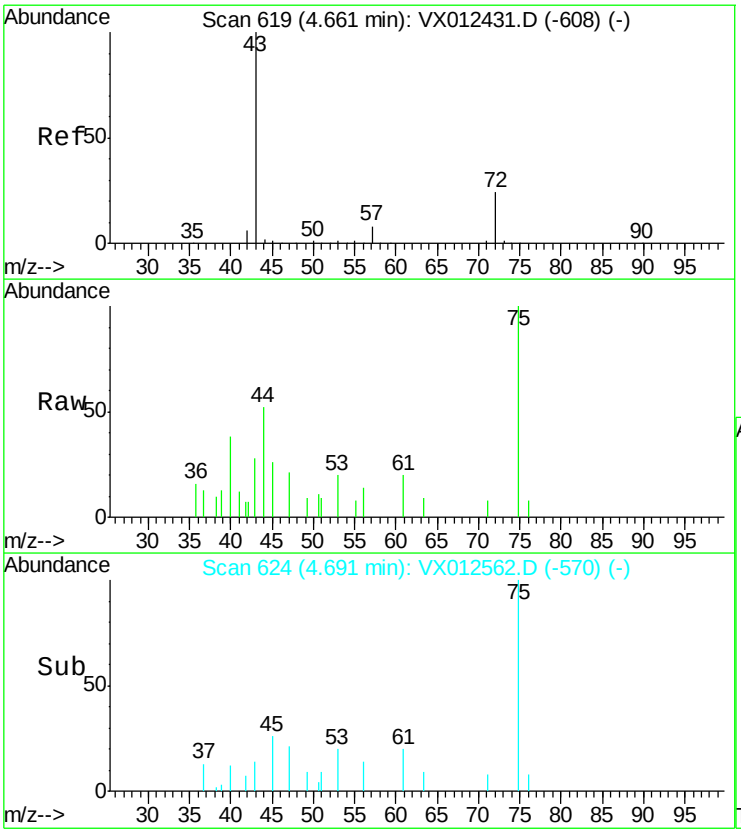
#24
1,1-Dichloroethane
Concen: 0.269 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 63 Resp: 792

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

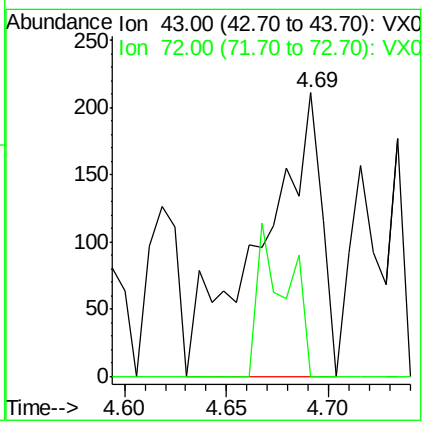


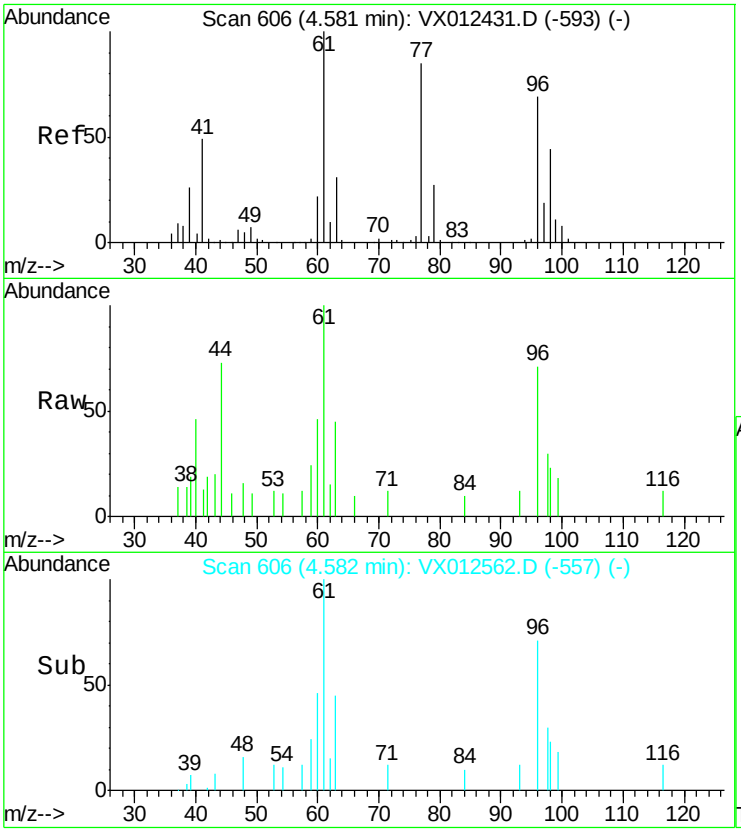


#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.69 min Scan# 624
Delta R.T. 0.03 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 43 Resp: 430

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



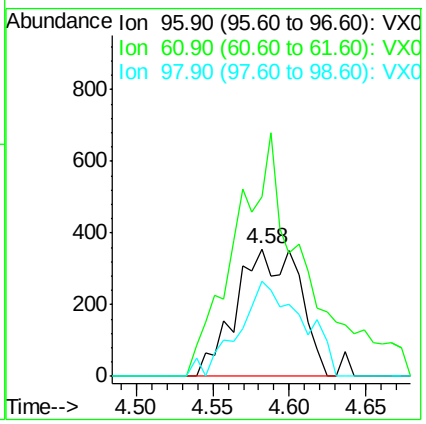


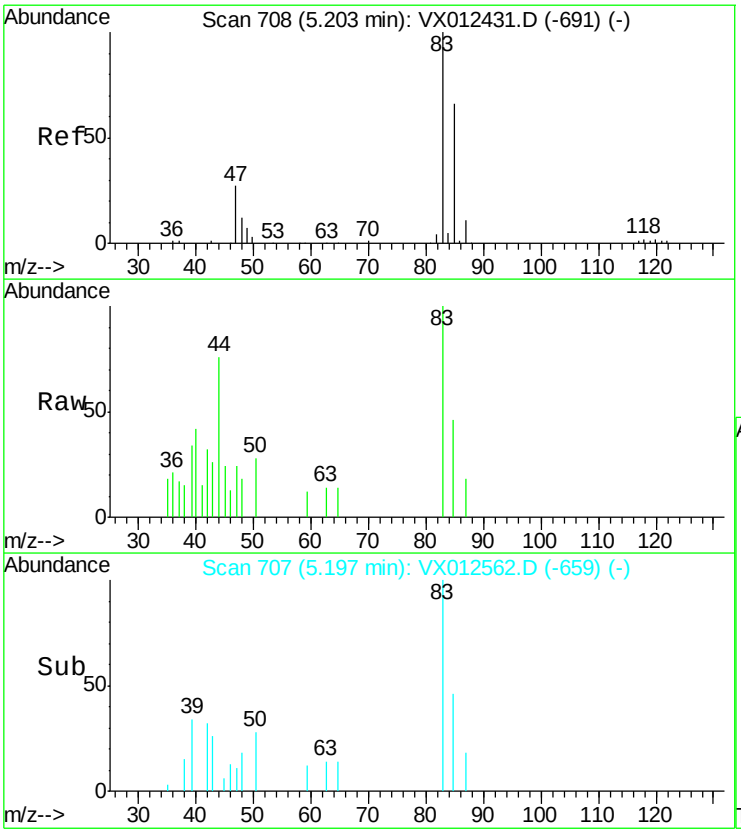
#27
cis-1,2-Dichloroethene
Concen: 0.581 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 96 Resp: 1018

Ion	Ratio	Lower	Upper
96	100		
61	212.8	0.0	319.4
98	75.4	0.0	130.6

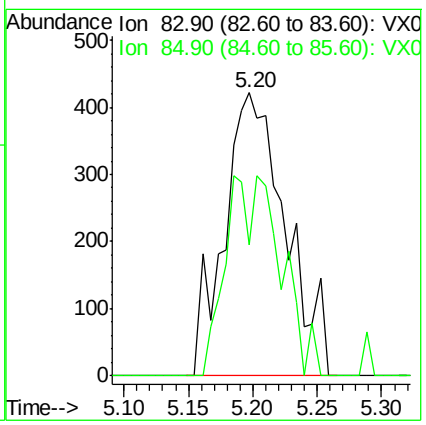


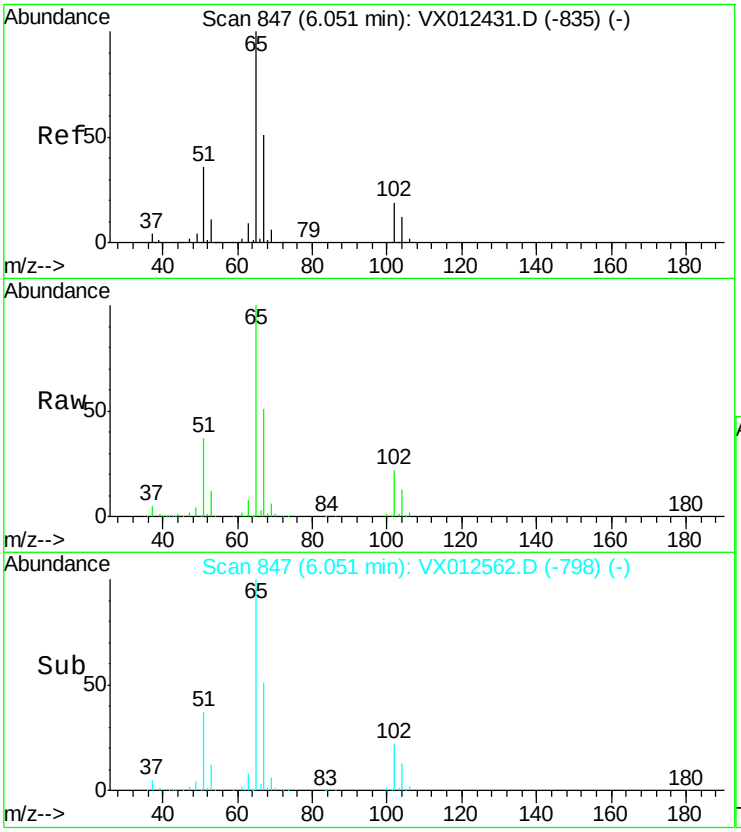


#30
Chloroform
Concen: 0.411 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 83 Resp: 1391

Ion	Ratio	Lower	Upper
83	100		
85	46.2	53.0	79.4#



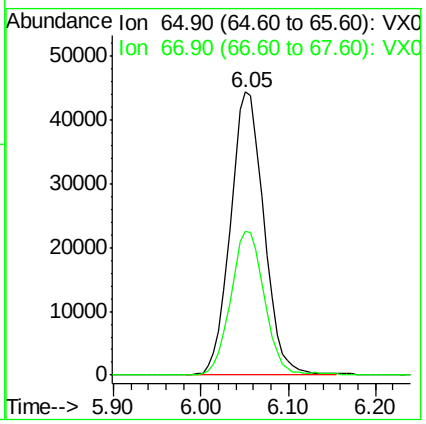


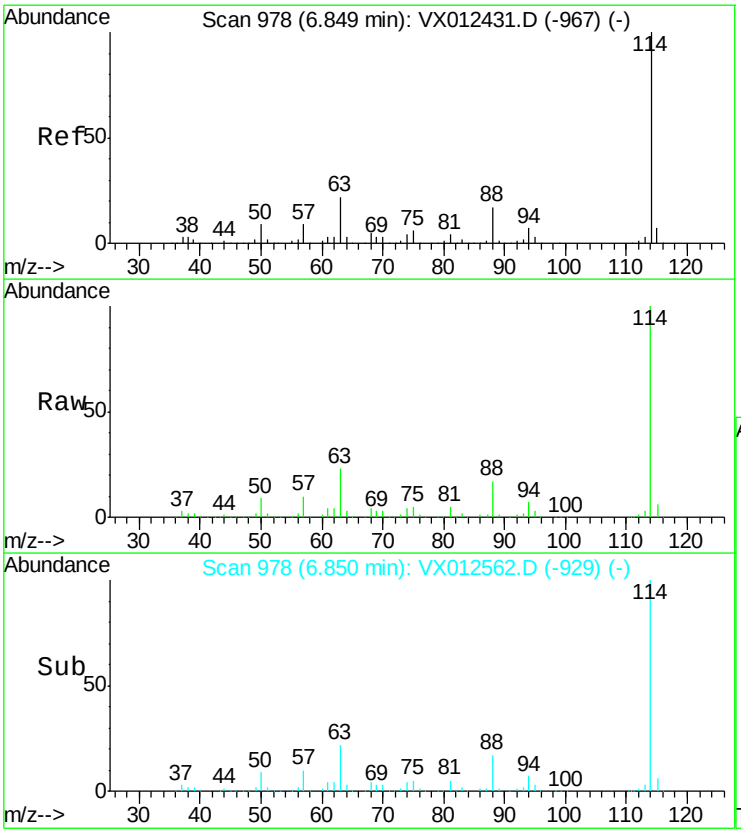
#33
1,2-Dichloroethane-d4
Concen: 45.918 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 65 Resp: 118287

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.2

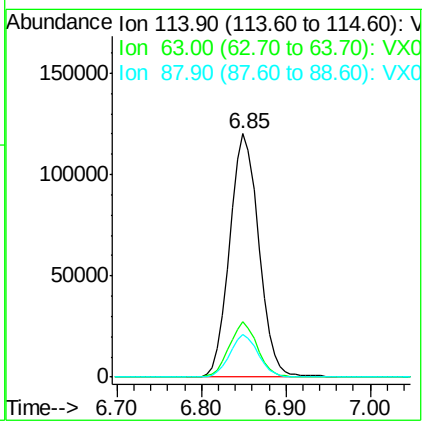


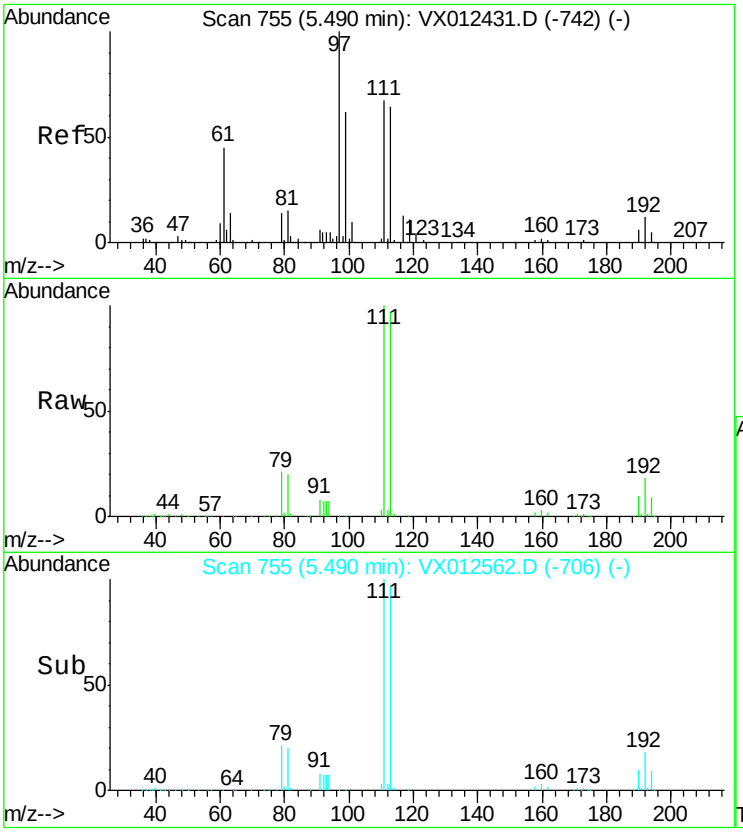


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion:114 Resp: 281718

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.2
88	17.3	0.0	33.2



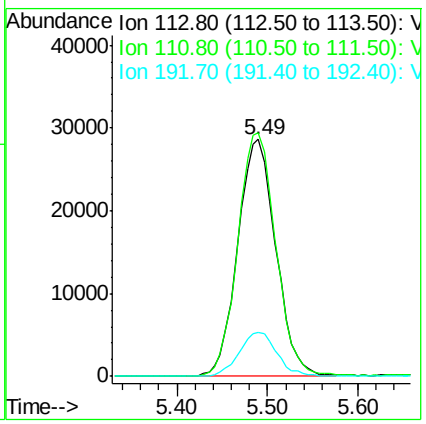


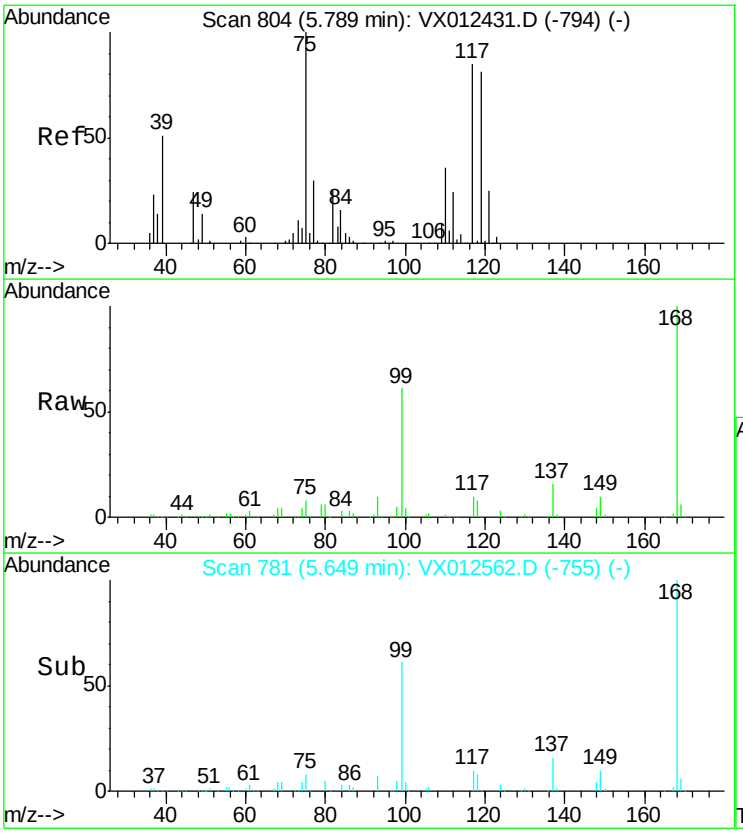
#35
Dibromofluoromethane
Concen: 48.733 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:113 Resp: 83095

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	18.4	14.4	21.6

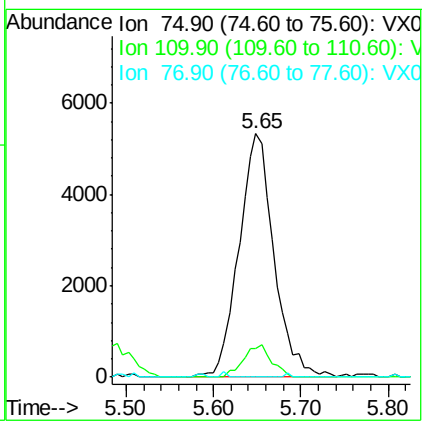


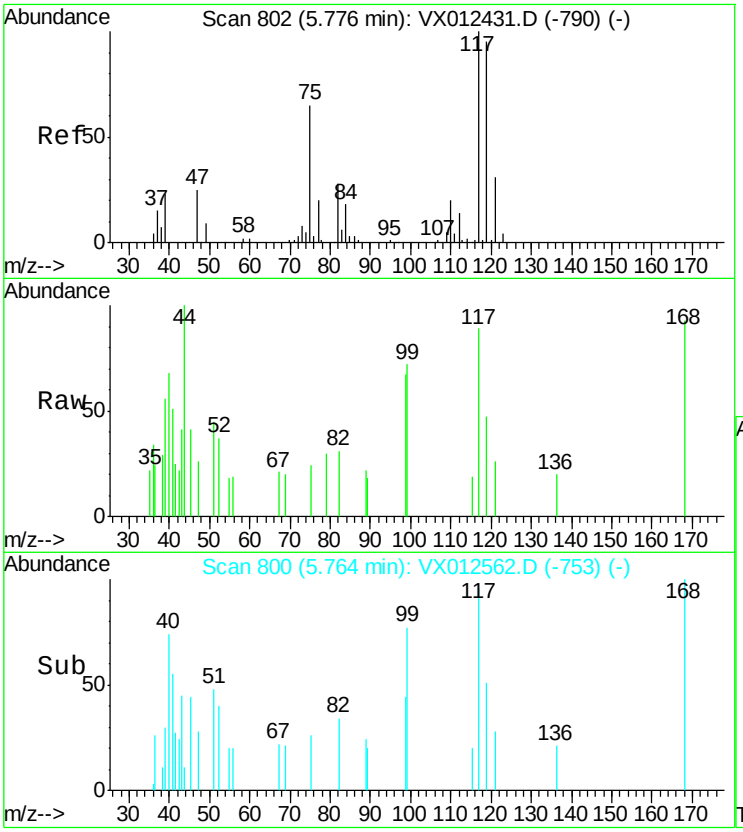


#36
1,1-Dichloropropene
Concen: 8.647 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 75 Resp: 14805

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.7	50.0#
77	0.0	24.2	36.2#



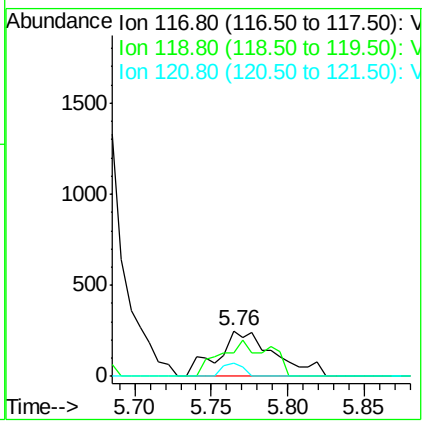


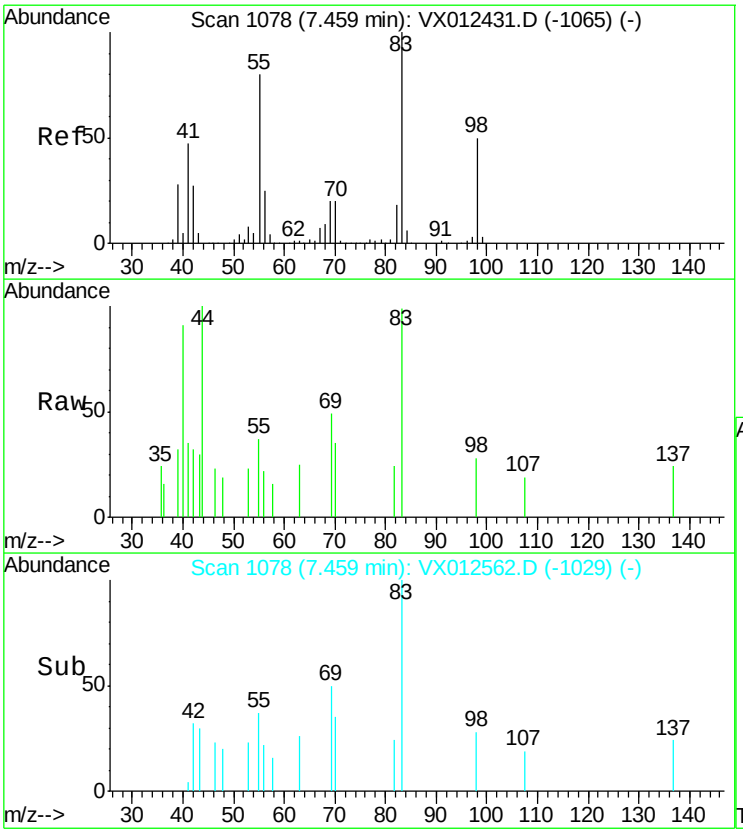
#38
Carbon Tetrachloride
Concen: 0.302 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:117 Resp: 643

Ion	Ratio	Lower	Upper
117	100		
119	52.8	75.7	113.5#
121	29.6	24.2	36.4

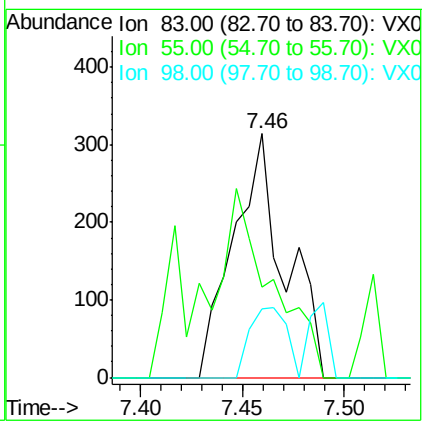


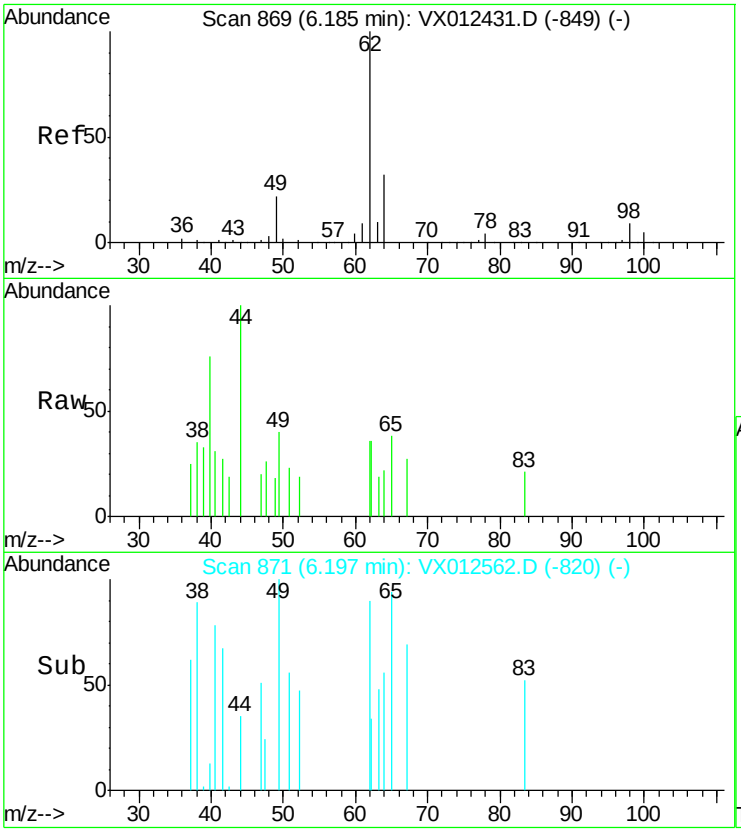


#39
Methylcyclohexane
Concen: 0.332 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 83 Resp: 552

Ion	Ratio	Lower	Upper
83	100		
55	37.3	64.4	96.6#
98	28.0	40.1	60.1#



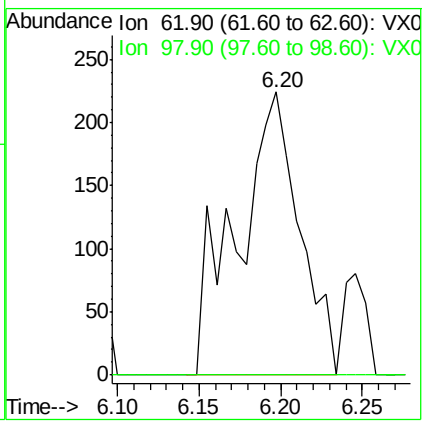


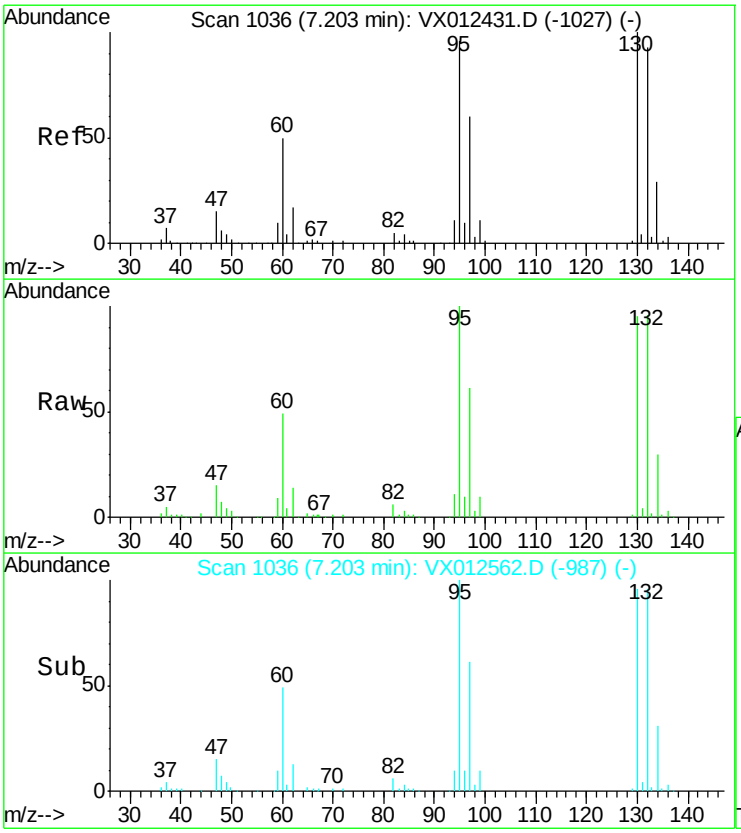
#42
1,2-Dichloroethane
Concen: 0.236 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 62 Resp: 595

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8

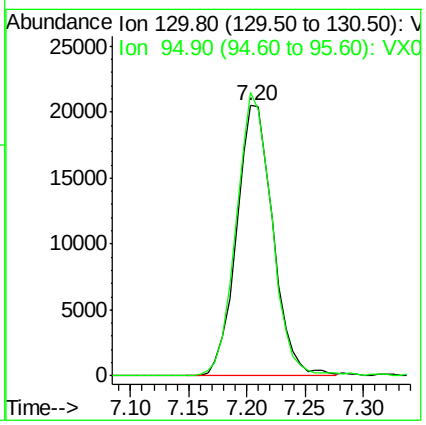


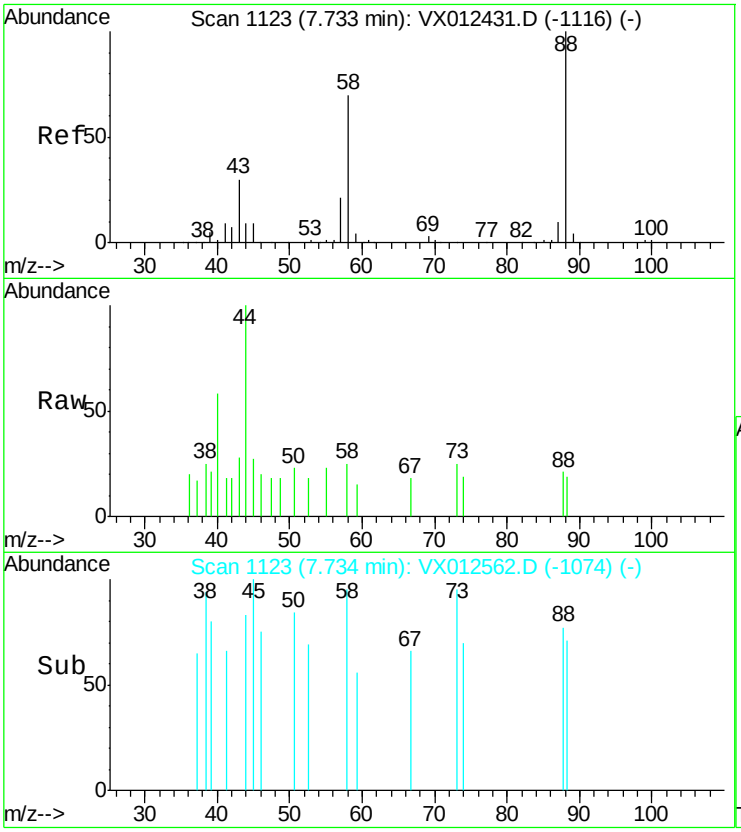


#44
Trichloroethene
Concen: 31.228 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion:130 Resp: 44725

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	193.0



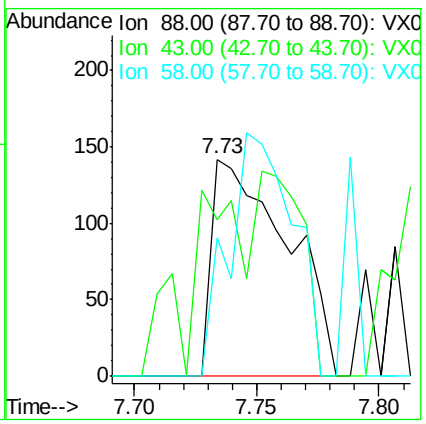


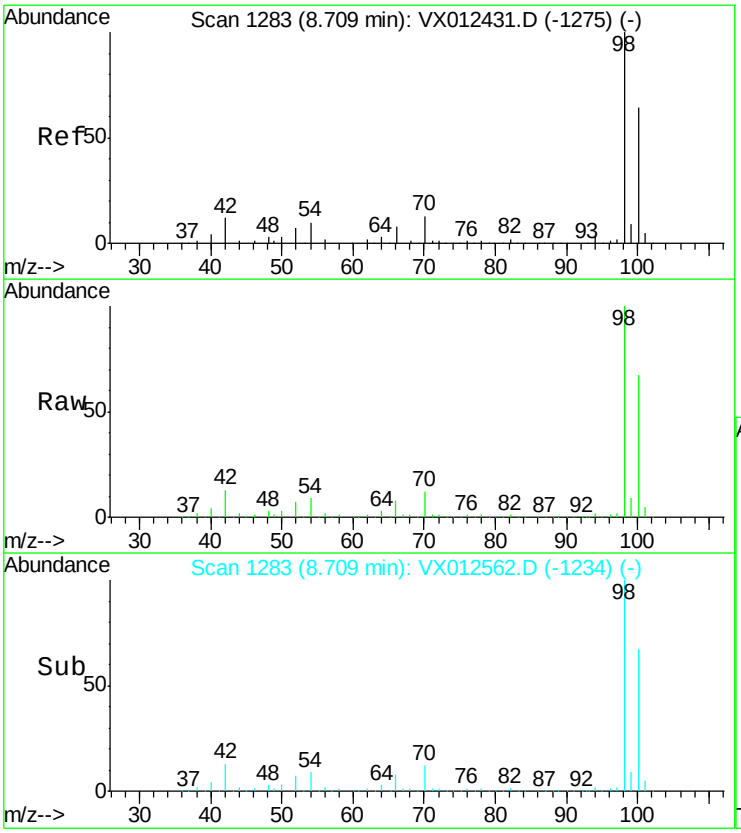
#49
1,4-Dioxane
Concen: 5.617 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 88 Resp: 304

Ion	Ratio	Lower	Upper
88	100		
43	63.2	29.4	44.0#
58	0.0	57.5	86.3#

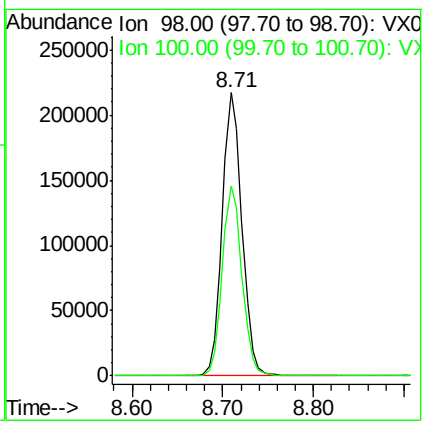


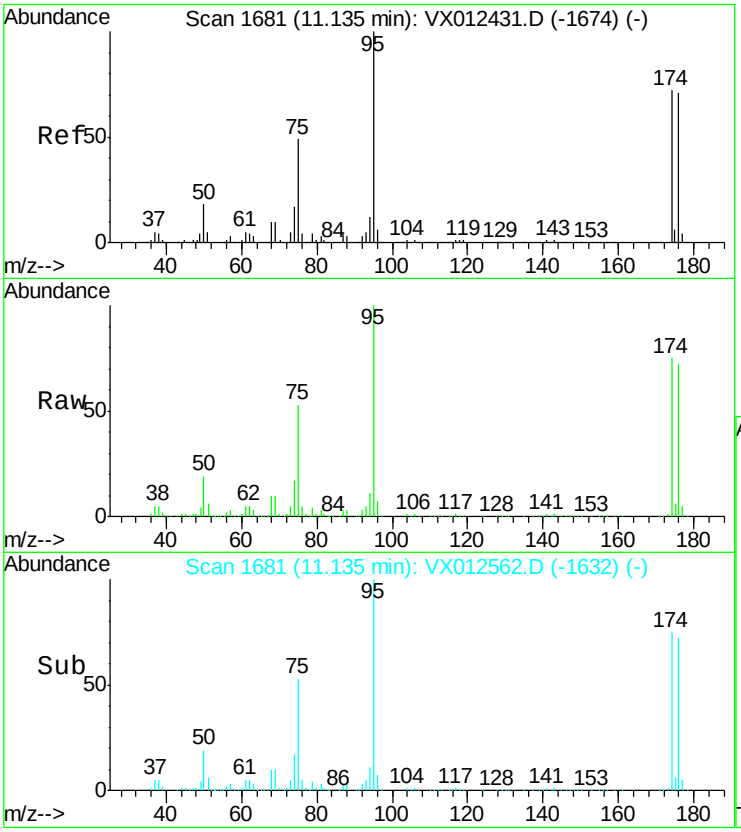


#50
Toluene-d8
Concen: 52.226 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 98 Resp: 329620

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2



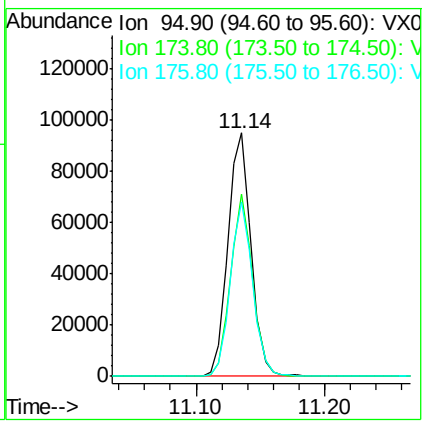


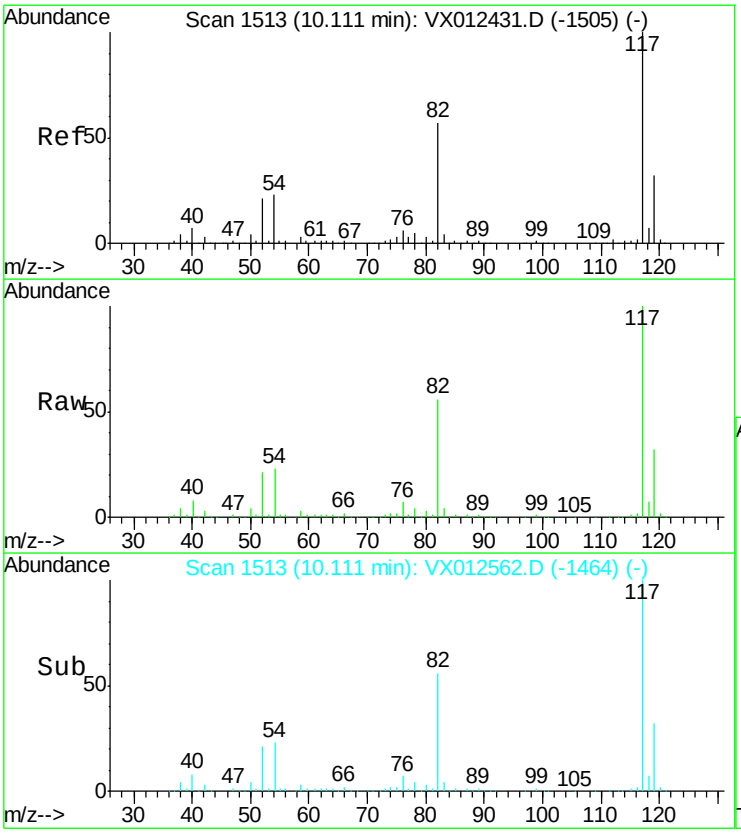
#62
4-Bromofluorobenzene
Concen: 45.989 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 95 Resp: 120517

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	140.0
176	69.1	0.0	135.4

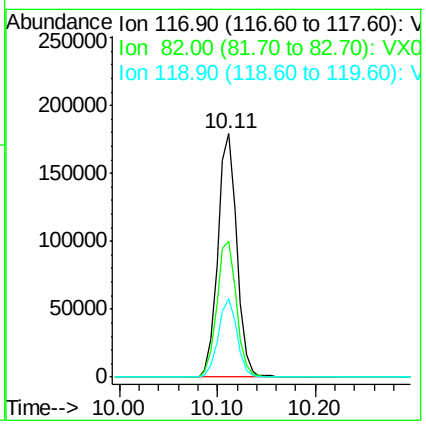


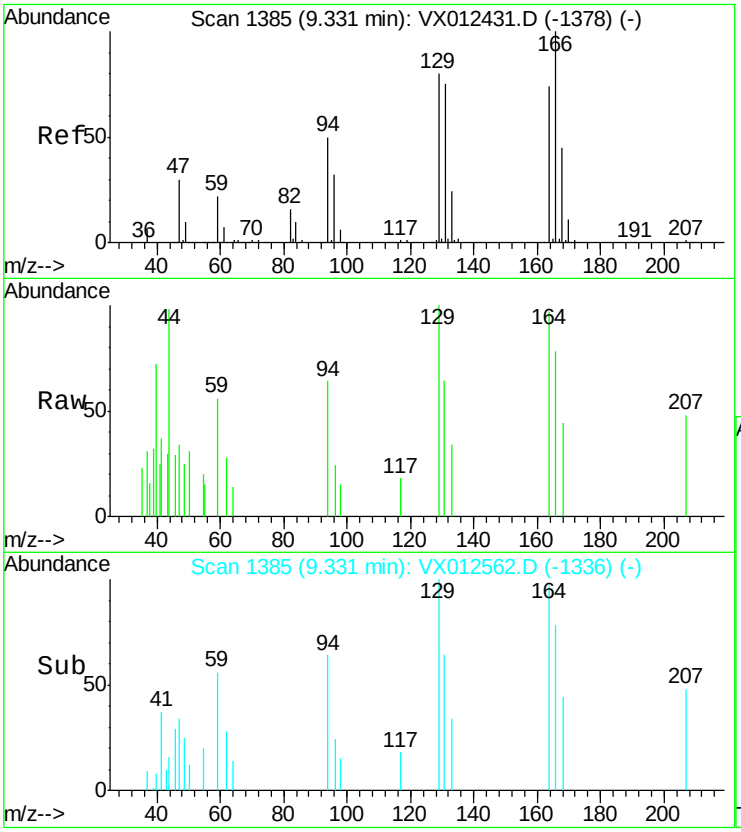


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion:117 Resp: 241250

Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.9	68.9
119	32.2	25.3	37.9



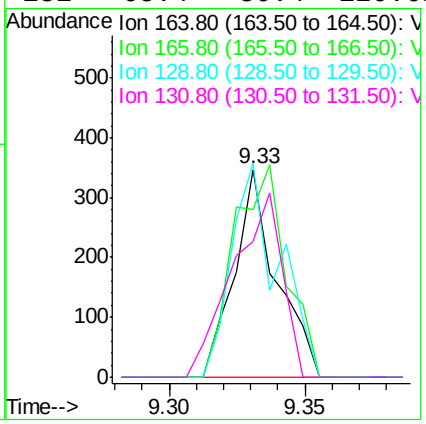


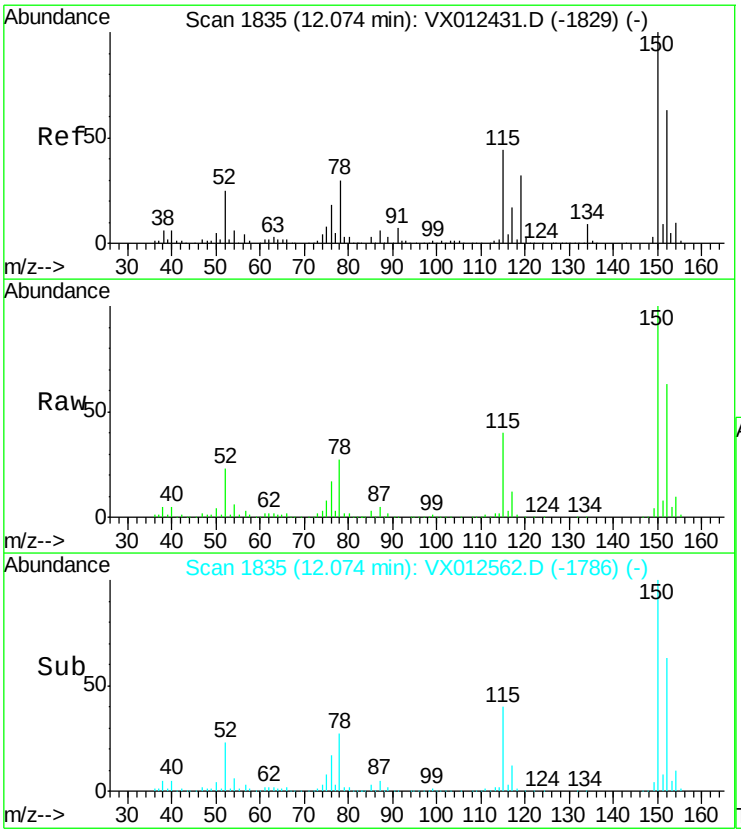
#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:164 Resp: 371

Ion	Ratio	Lower	Upper
164	100		
166	80.4	107.8	161.6#
129	102.9	86.2	129.2
131	65.4	80.4	120.6#

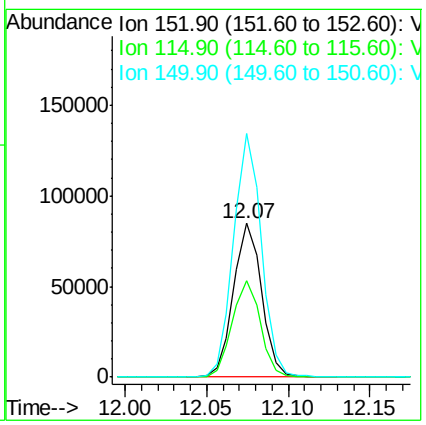


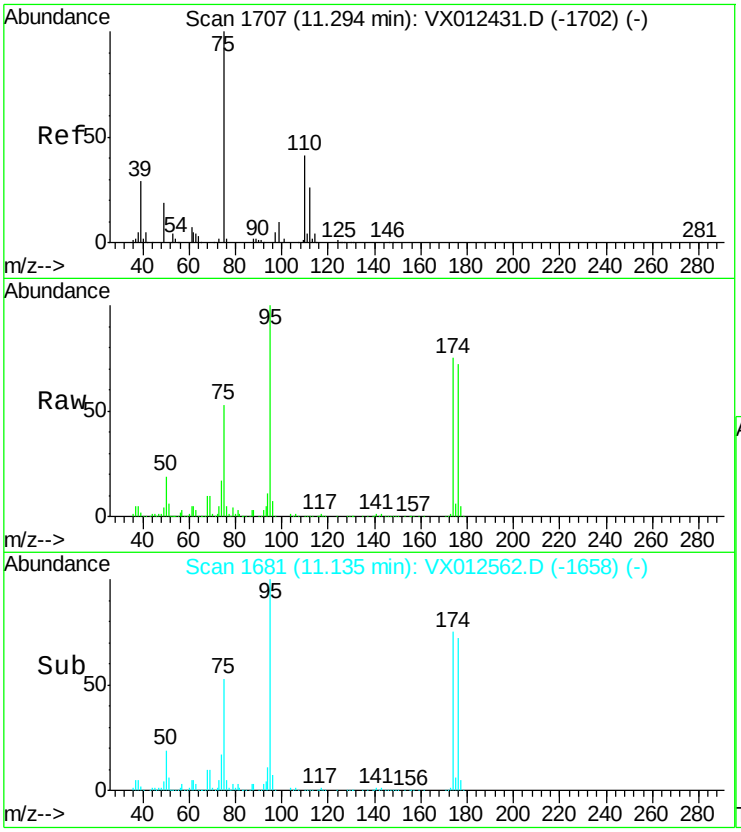


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion:152 Resp: 102026

Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.1	132.3
150	156.9	0.0	343.8



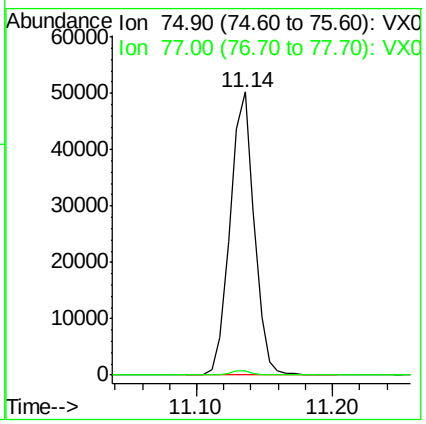


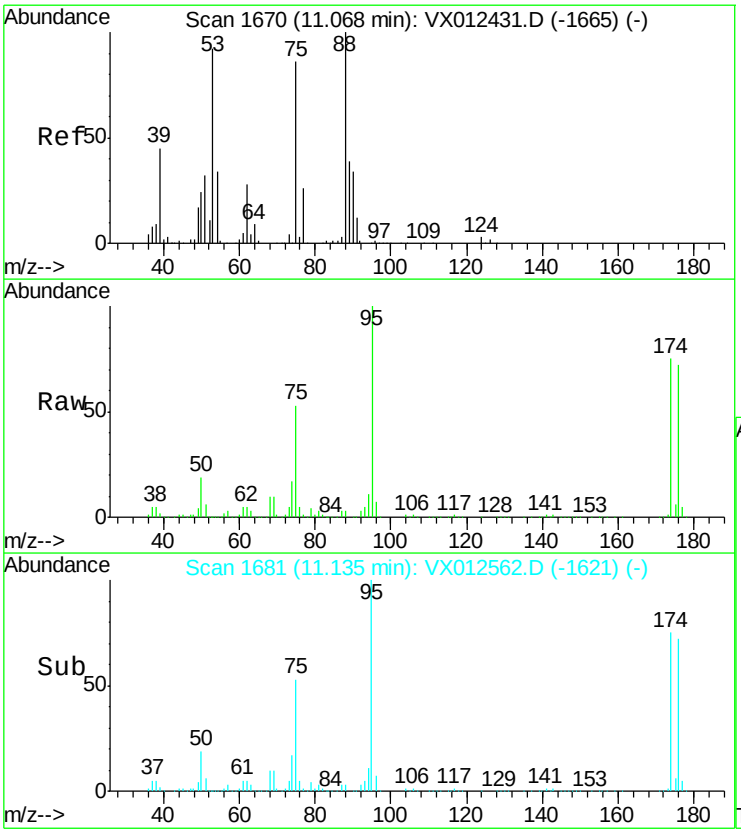
#76
1,2,3-Trichloropropane
Concen: 26.409 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion: 75 Resp: 61893

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.7	59.0#

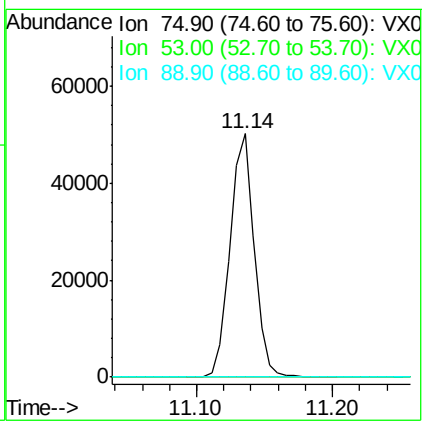


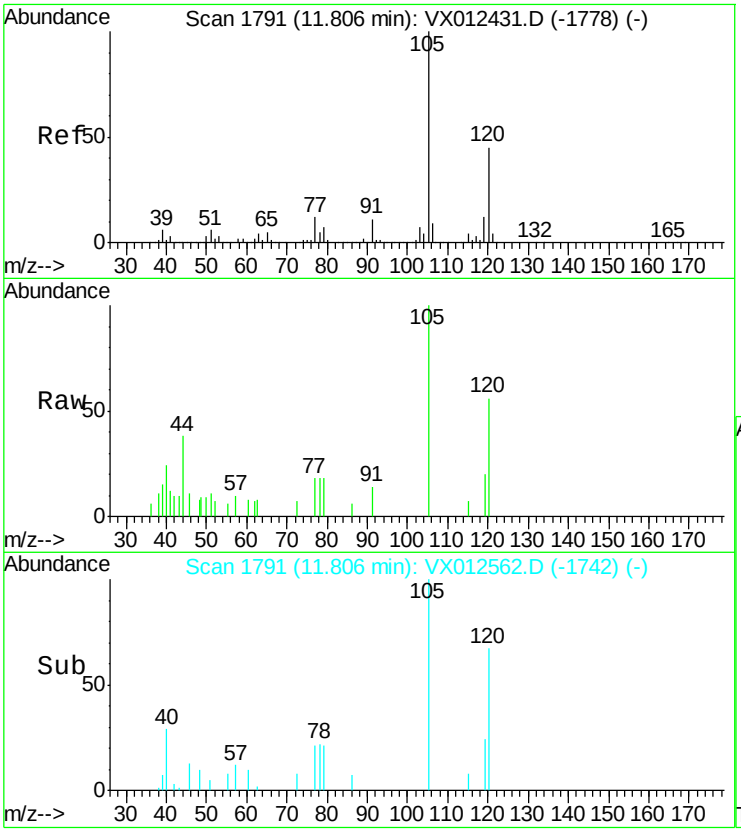


#81
trans-1,4-Dichloro-2-butene
Concen: 71.110 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Tgt Ion: 75 Resp: 61893

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





#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012562.D
Acq: 20 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911DL

Tgt Ion:105 Resp: 1217

Ion	Ratio	Lower	Upper
105	100		
120	54.1	22.2	66.6