Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012502.D
Acq On : 19 Sep 2019 03:04
Operator : JC/SP
Sample : K4858-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D3-20190911

Quant Time: Sep 19 06:09:39 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	186240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124111	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.00%			
35) Dibromofluoromethane	5.49	113	90052	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
50) Toluene-d8	8.71	98	340425	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
62) 4-Bromofluorobenzene	11.14	95	115497	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	2224	2.167	ug/l	91
3) Chloromethane	1.31	50	457	0.446	ug/l #	76
5) Bromomethane	1.64	94	221	0.508	ug/l	87
6) Chloroethane	1.72	64	342	0.395	ug/l #	70
7) Trichlorofluoromethane	1.92	101	633	0.312	ug/l	98
8) Diethyl Ether	2.19	74	195	0.213	ug/l	61
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11214	7.640	ug/l	96
10) Methyl Iodide	2.51	142	191	4.580	ug/l #	57
11) Tert butyl alcohol	3.00	59	2443	Below Cal #		85
12) 1,1-Dichloroethene	2.36	96	1615	1.379	ug/l #	75
13) Acrolein	2.28	56	54	Below Cal #		1
16) Acetone	2.44	43	1753	Below Cal		95
17) Carbon Disulfide	2.57	76	277	1.968	ug/l #	1
24) 1,1-Dichloroethane	3.69	63	781	0.256	ug/l #	76
27) cis-1,2-Dichloroethene	4.59	96	3352	1.845	ug/l	91
29) Tetrahydrofuran	5.11	42	303	0.296	ug/l #	34
30) Chloroform	5.19	83	751	0.214	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	791	0.270	ug/l #	39
36) 1,1-Dichloropropene	5.65	75	15783	8.756	ug/l #	54
38) Carbon Tetrachloride	5.66	117	21052	9.390	ug/l #	16
42) 1,2-Dichloroethane	6.20	62	838	0.315	ug/l	90
44) Trichloroethene	7.21	130	182064	120.746	ug/l	97
45) 1,2-Dichloropropane	7.52	63	361	0.205	ug/l	92
49) 1,4-Dioxane	7.75	88	1355	23.782	ug/l #	82
55) 1,1,2-Trichloroethane	9.21	97	527	0.277	ug/l #	75
60) Dibromochloromethane	9.33	129	2207	1.139	ug/l #	11
64) Tetrachloroethene	9.34	164	2243	1.997	ug/l #	81
71) Bromoform	10.81	173	24	2.885	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	58265	28.405	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	58265	76.249	ug/l #	8

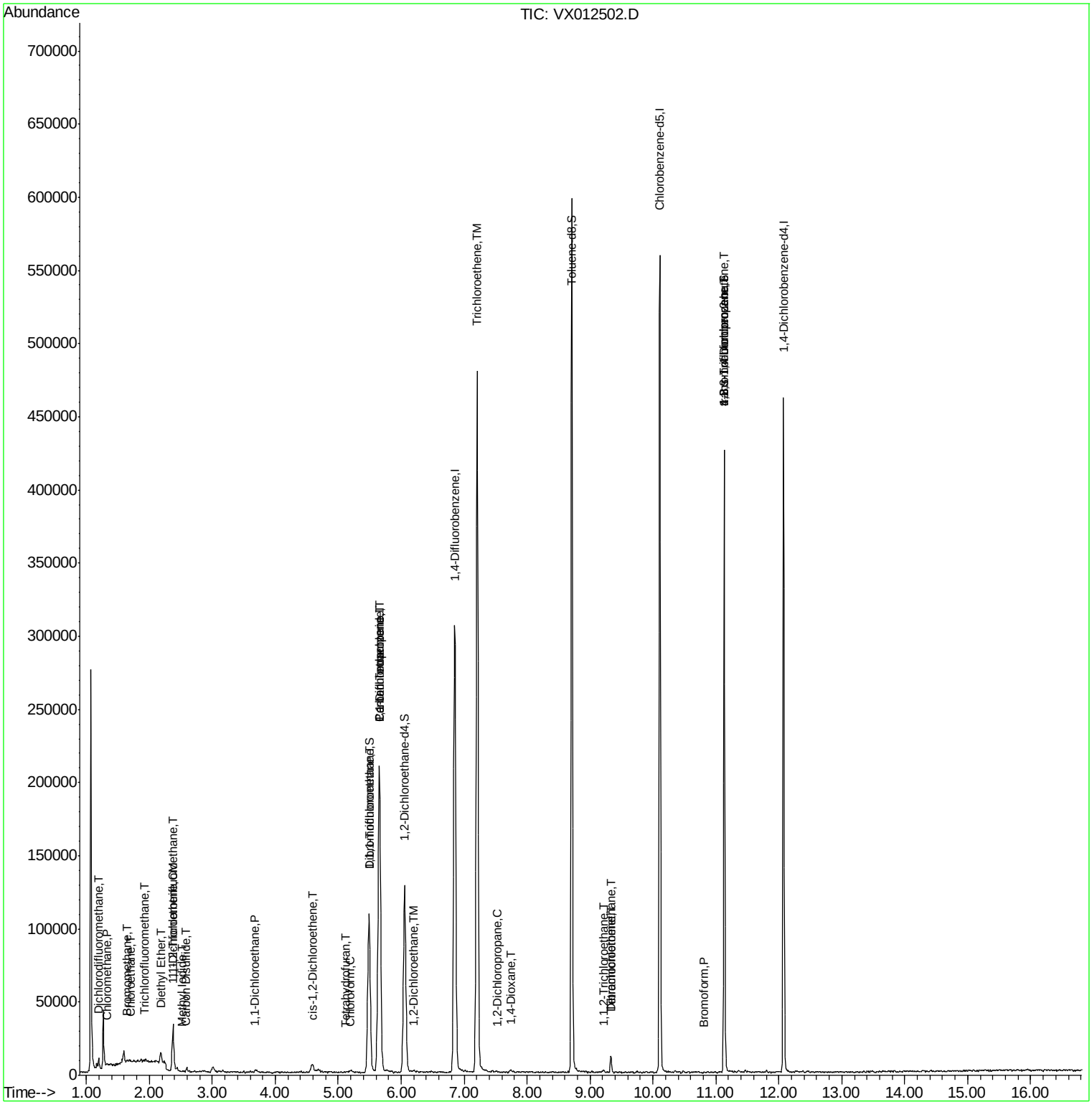
(#) = qualifier out of range (m) = manual integration (+) = signals summed

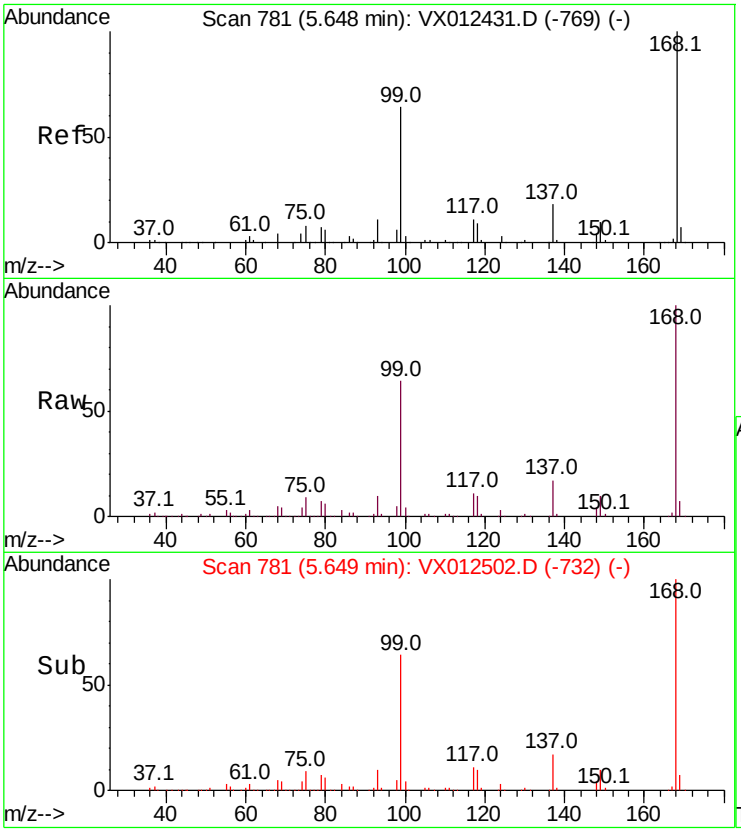
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012502.D
Acq On : 19 Sep 2019 03:04
Operator : JC/SP
Sample : K4858-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Quant Time: Sep 19 06:09:39 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



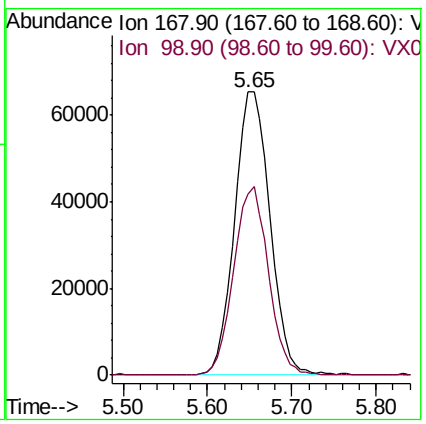


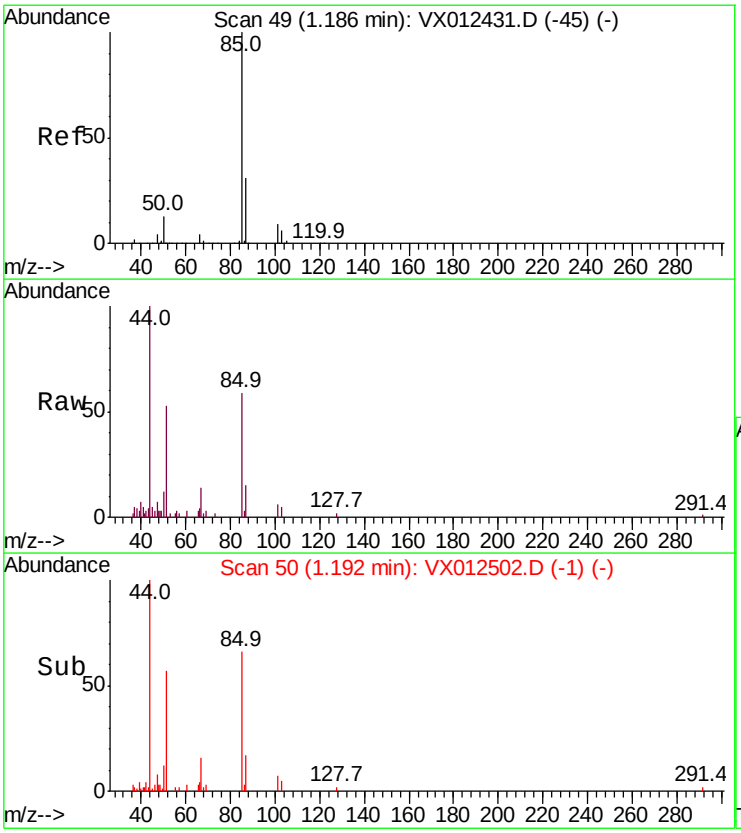
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion:168 Resp: 186240

Ion	Ratio	Lower	Upper
168	100		
99	63.9	51.4	77.2

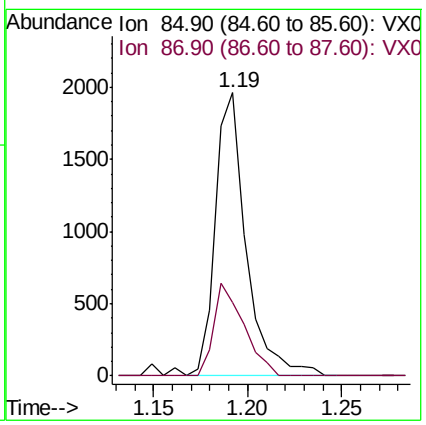


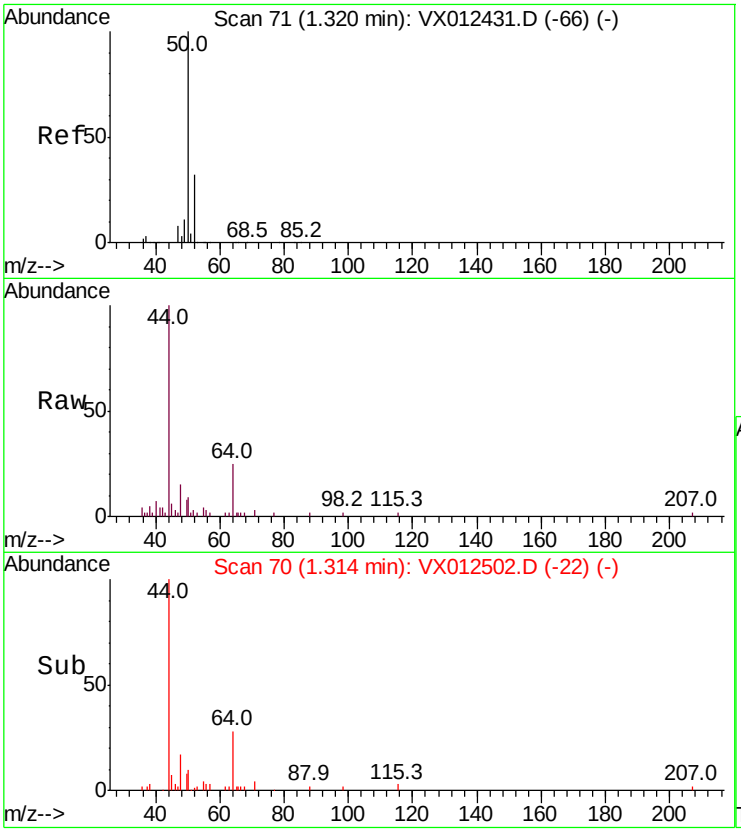


#2
Dichlorodifluoromethane
Concen: 2.167 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 85 Resp: 2224

Ion	Ratio	Lower	Upper
85	100		
87	26.2	15.6	46.8



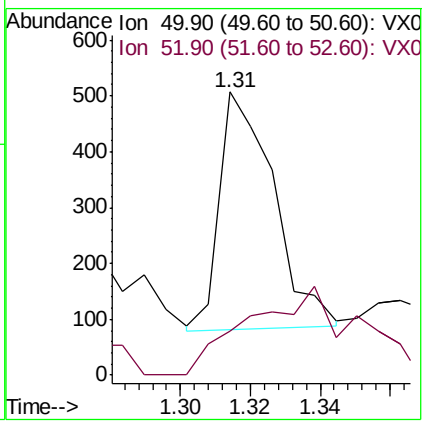


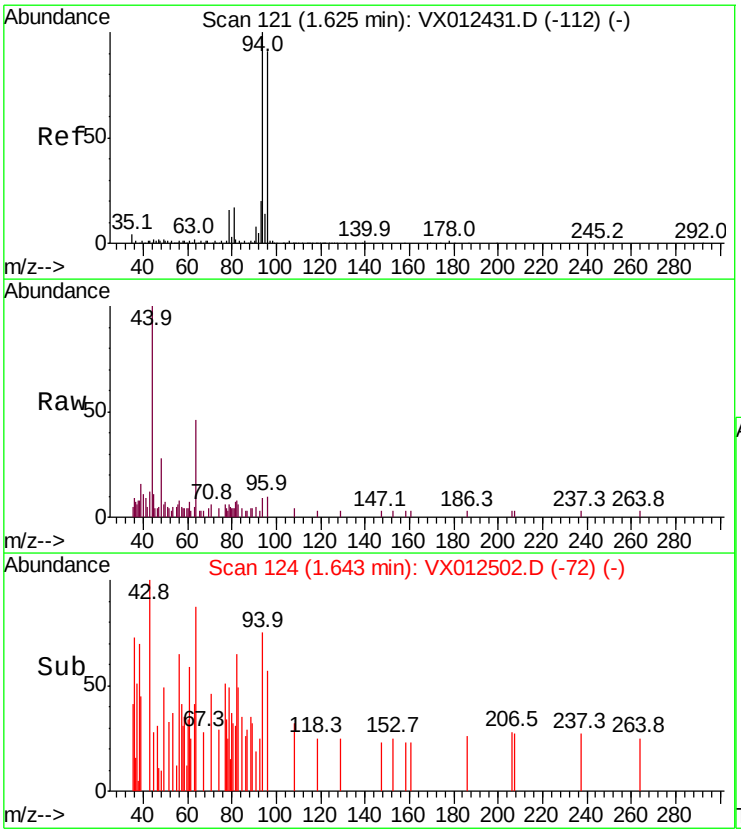
#3
Chloromethane
Concen: 0.446 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 50 Resp: 457

Ion	Ratio	Lower	Upper
50	100		
52	18.9	25.7	38.5#

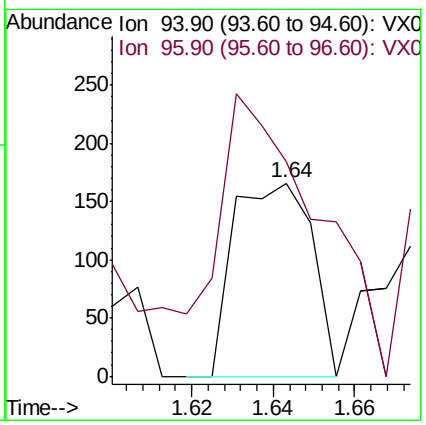


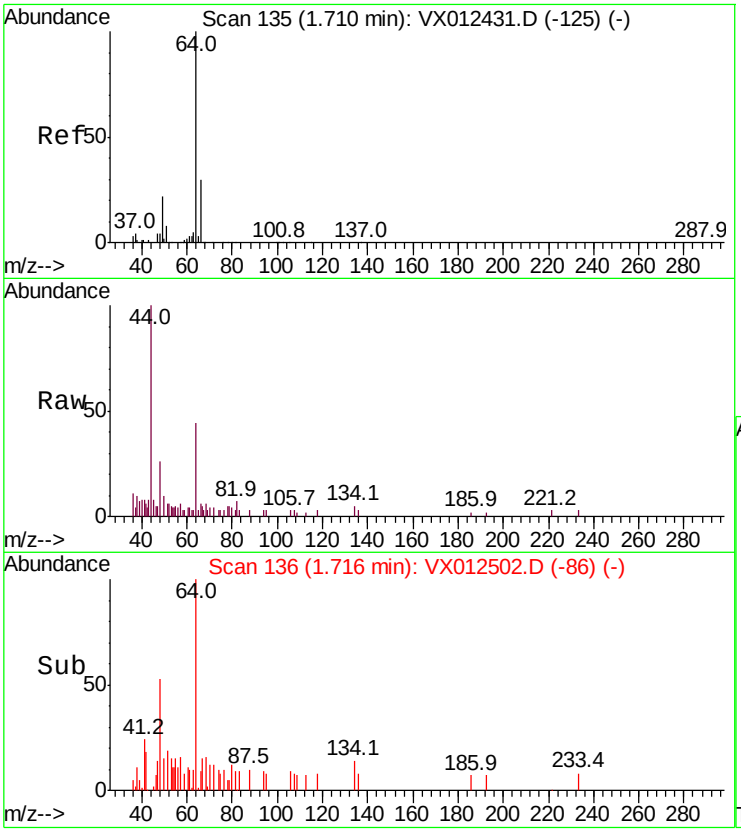


#5
Bromomethane
Concen: 0.508 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 94 Resp: 221

Ion	Ratio	Lower	Upper
94	100		
96	78.9	72.8	109.2



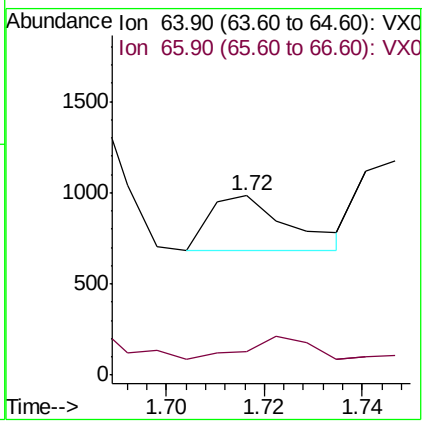


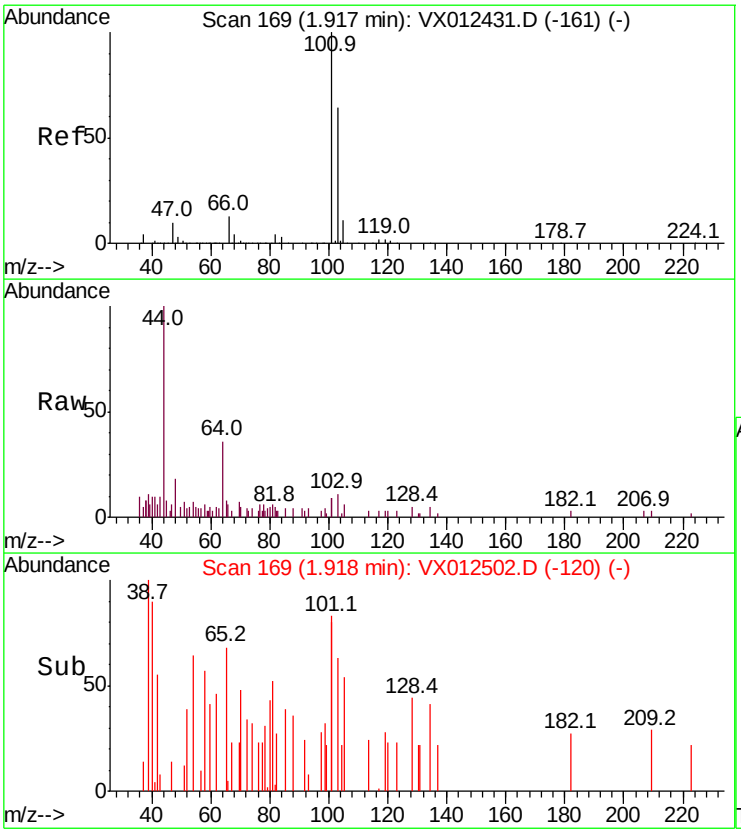
#6
Chloroethane
Concen: 0.395 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 64 Resp: 342

Ion	Ratio	Lower	Upper
64	100		
66	13.6	24.0	36.0#

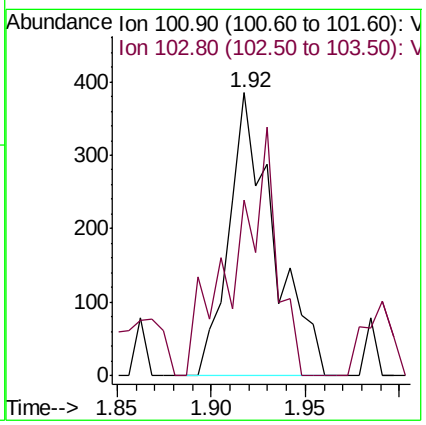


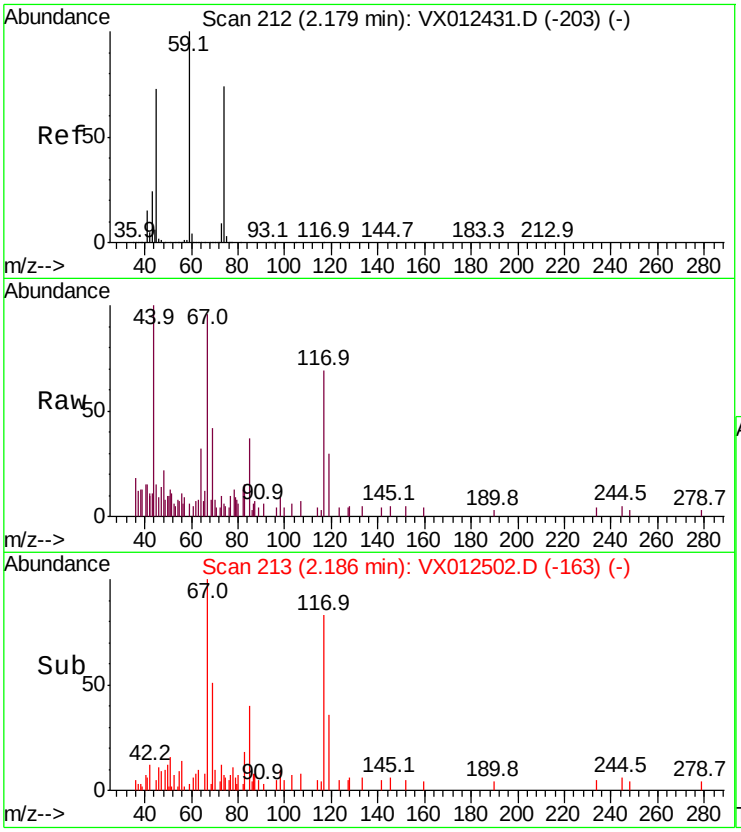


#7
Trichlorofluoromethane
Concen: 0.312 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:101 Resp: 633

Ion	Ratio	Lower	Upper
101	100		
103	62.1	51.0	76.4



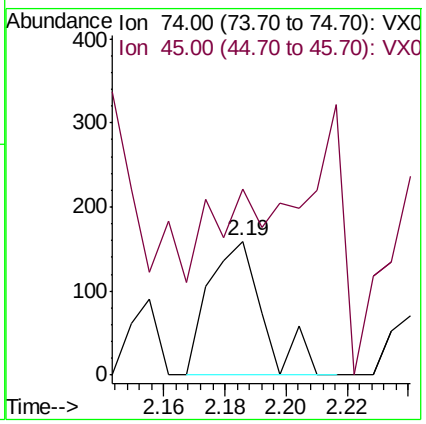


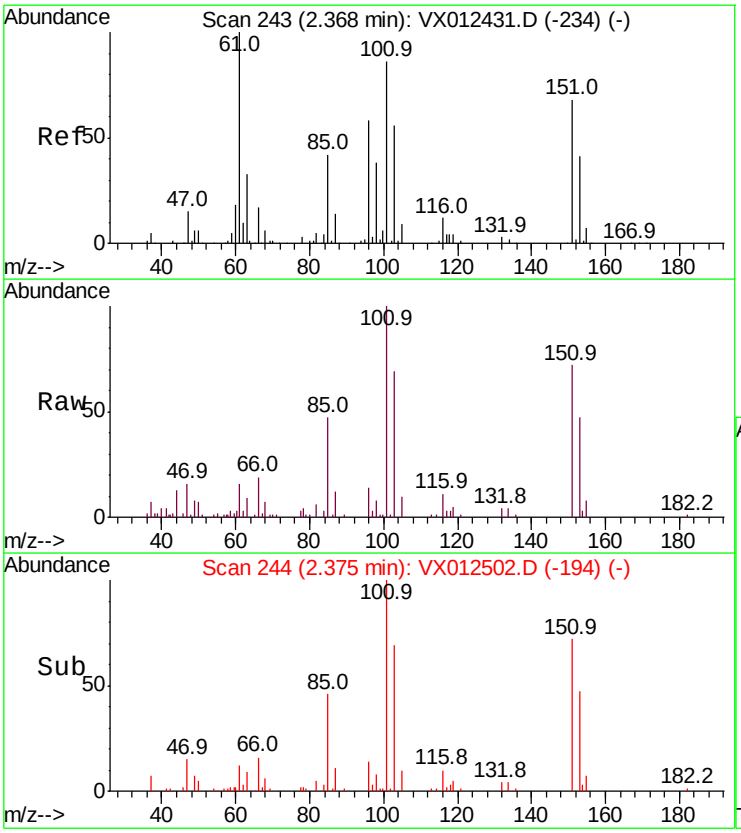
#8
Diethyl Ether
Concen: 0.213 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 74 Resp: 195

Ion	Ratio	Lower	Upper
74	100		
45	61.0	49.9	149.7

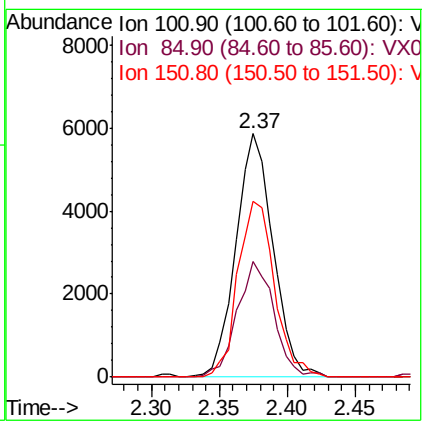


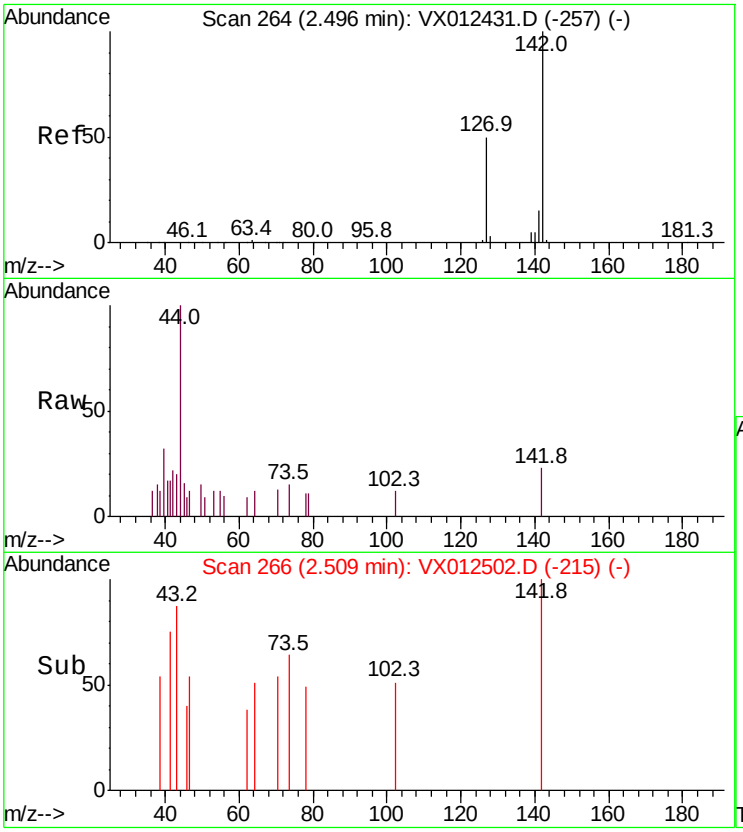


#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.640 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:101 Resp: 11214

Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.3	55.9
151	71.1	61.0	91.4



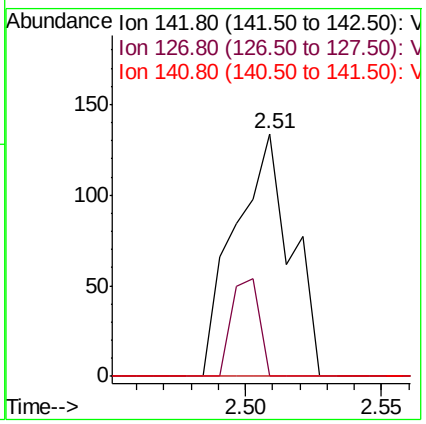


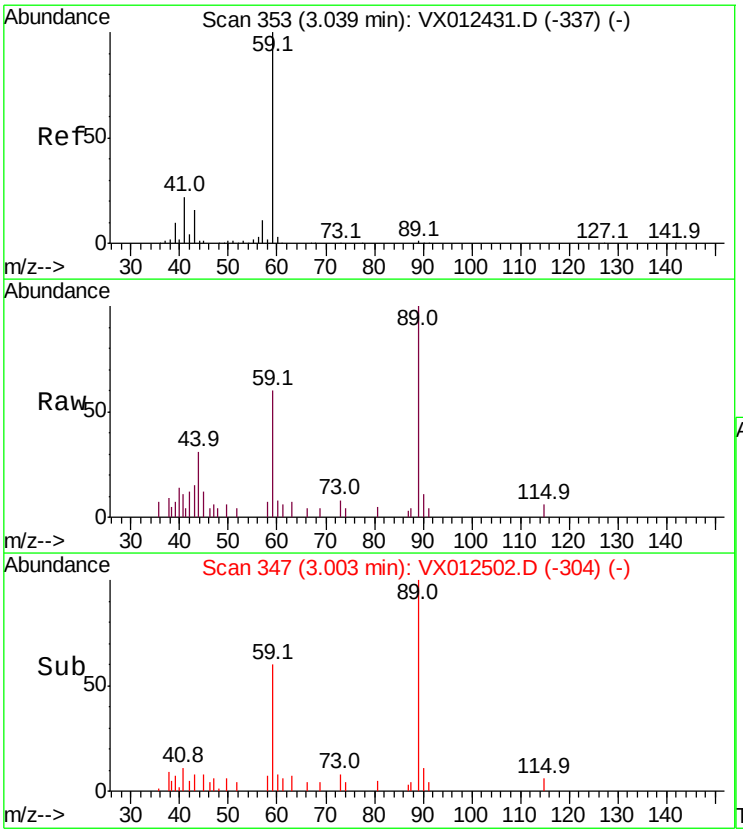
#10
Methyl Iodide
Concen: 4.580 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument : MSVOA_X
ClientSampleId : RE132D3-20190911

Tgt Ion:142 Resp: 191

Ion	Ratio	Lower	Upper
142	100		
127	19.9	40.8	61.2#
141	0.0	12.1	18.1#

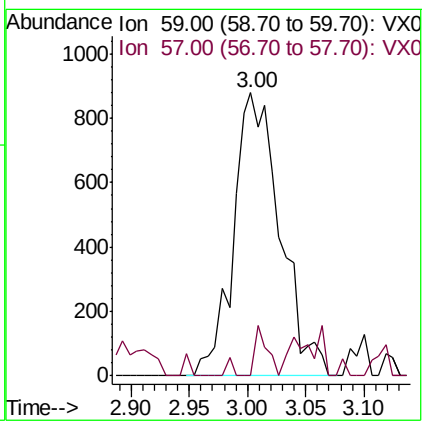


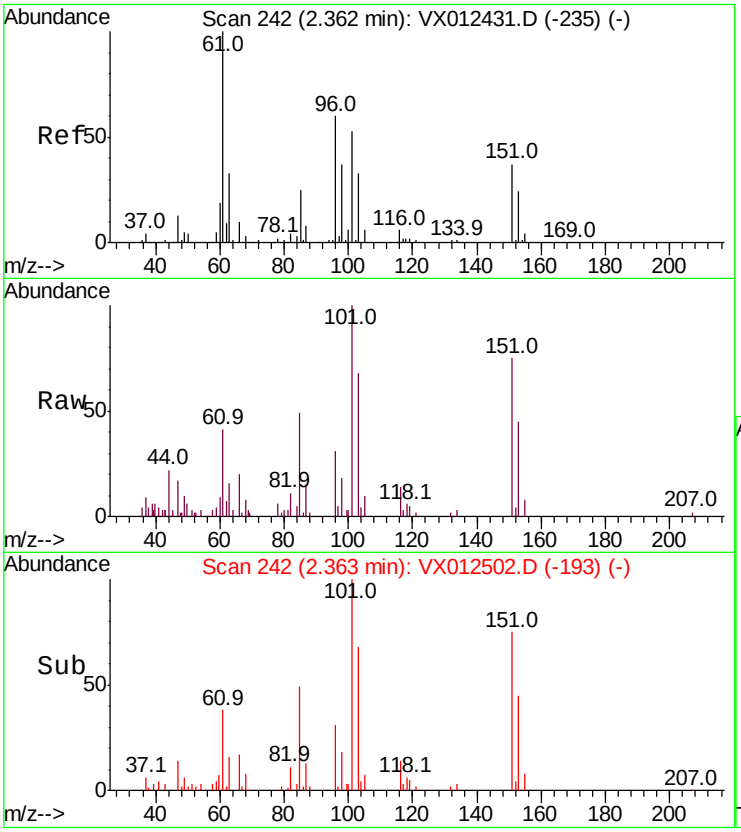


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 59 Resp: 2443

Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.3	12.5#



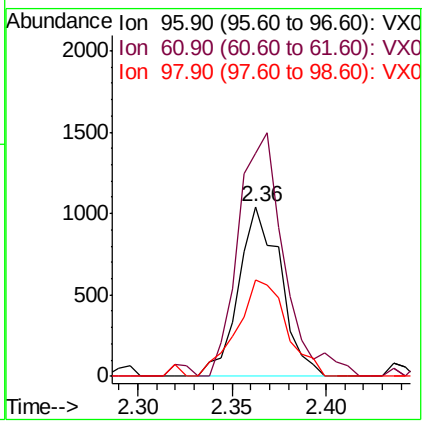


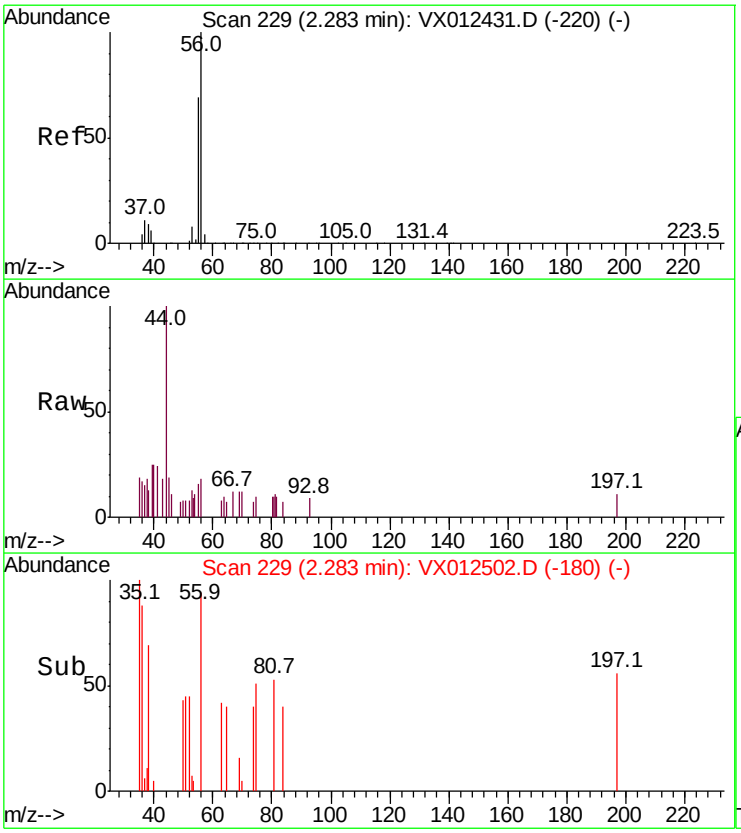
#12
1,1-Dichloroethene
Concen: 1.379 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument : MSVOA_X
ClientSampleId : RE132D3-20190911

Tgt Ion: 96 Resp: 1615

Ion	Ratio	Lower	Upper
96	100		
61	125.2	133.8	200.6#
98	56.8	49.9	74.9

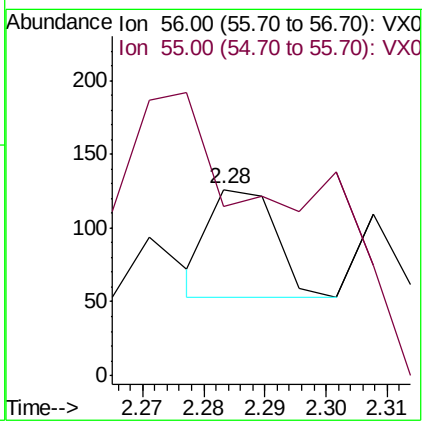


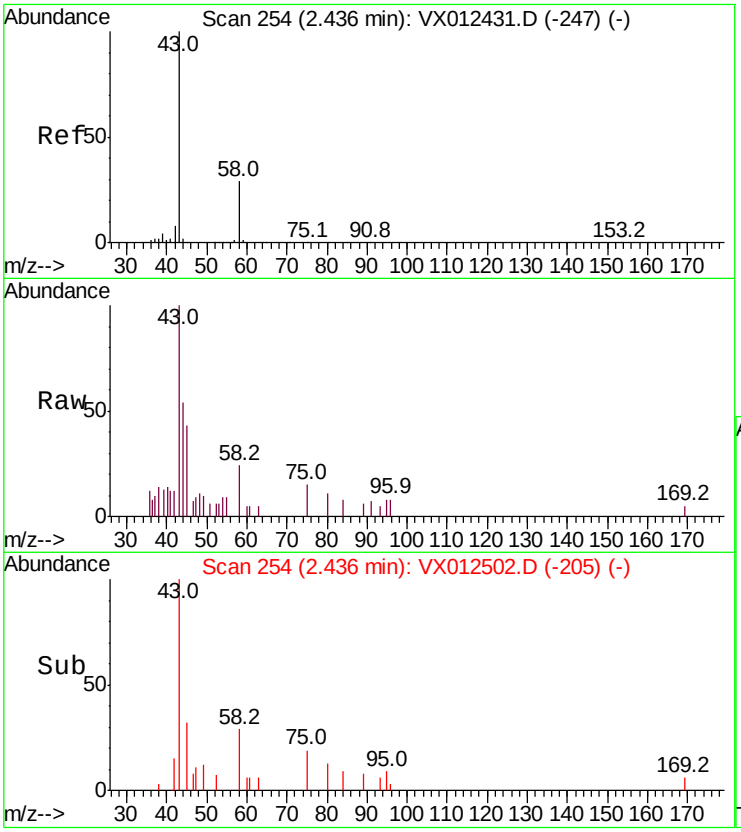


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 56 Resp: 54

Ion	Ratio	Lower	Upper
56	100		
55	637.0	55.8	83.8#



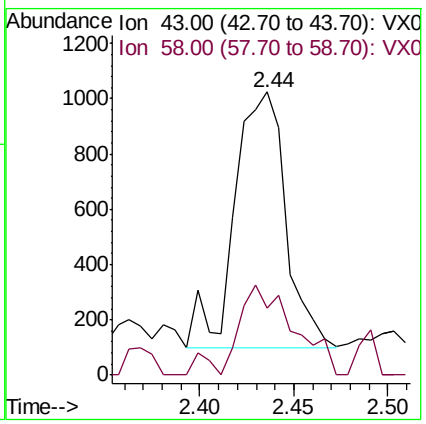


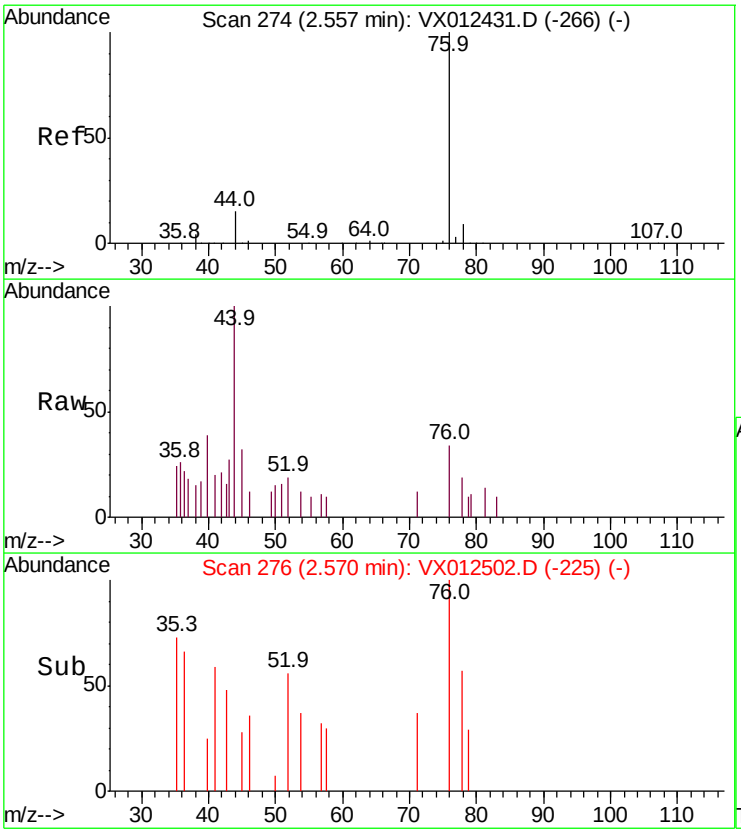
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 43 Resp: 1753

Ion	Ratio	Lower	Upper
43	100		
58	26.2	23.3	34.9

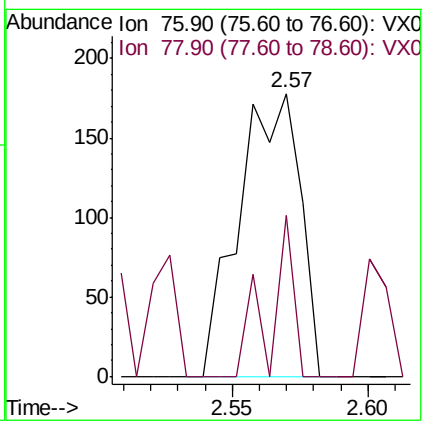


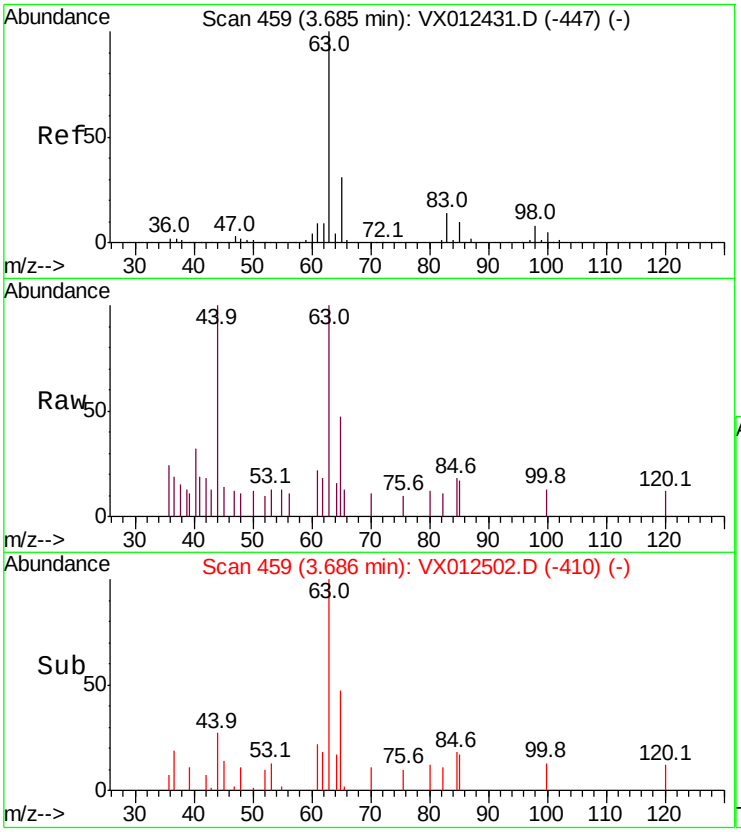


#17
Carbon Disulfide
Concen: 1.968 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 76 Resp: 277

Ion	Ratio	Lower	Upper
76	100		
78	56.7	7.3	10.9#



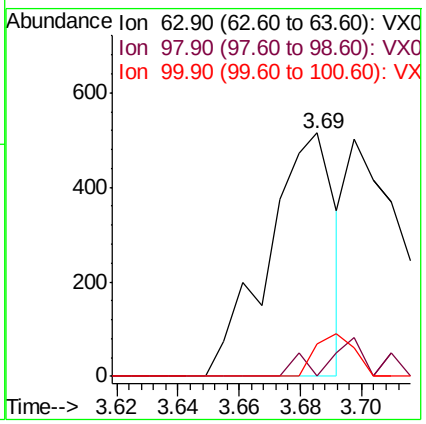


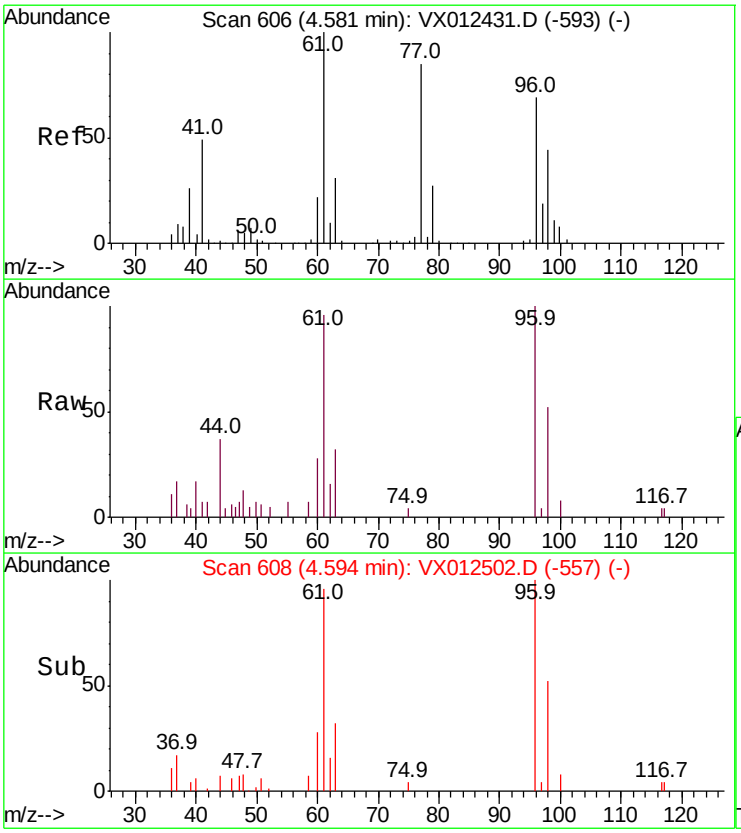
#24
1,1-Dichloroethane
Concen: 0.256 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 63 Resp: 781

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	13.4	2.3	6.9#

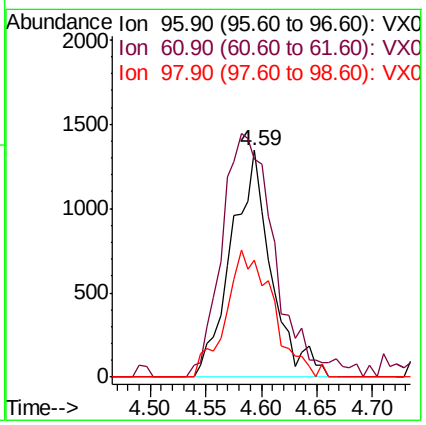


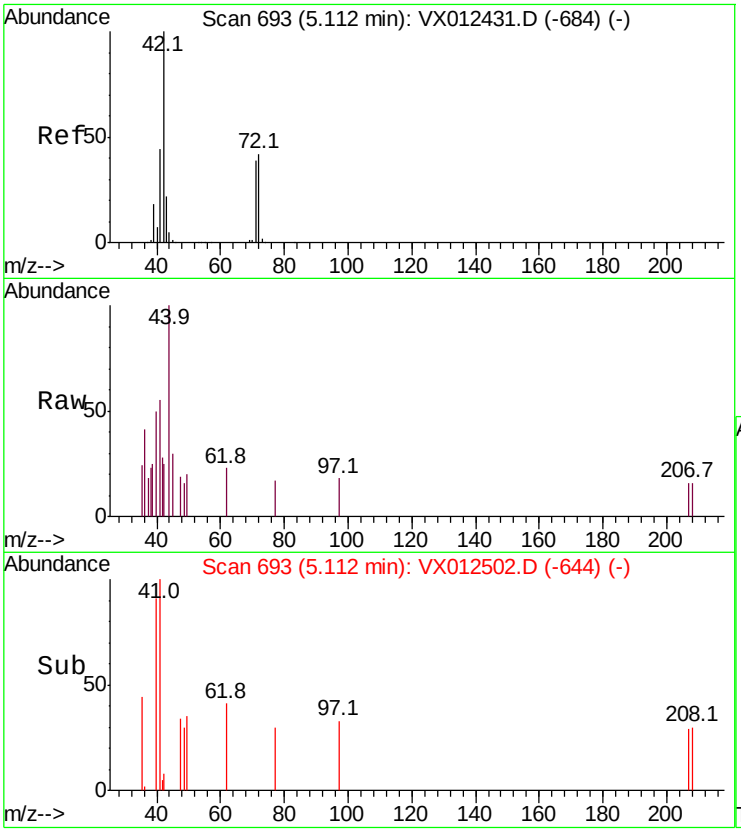


#27
cis-1,2-Dichloroethene
Concen: 1.845 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 96 Resp: 3352

Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	319.4
98	65.5	0.0	130.6



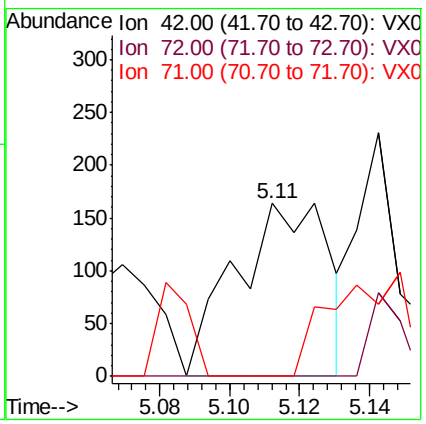


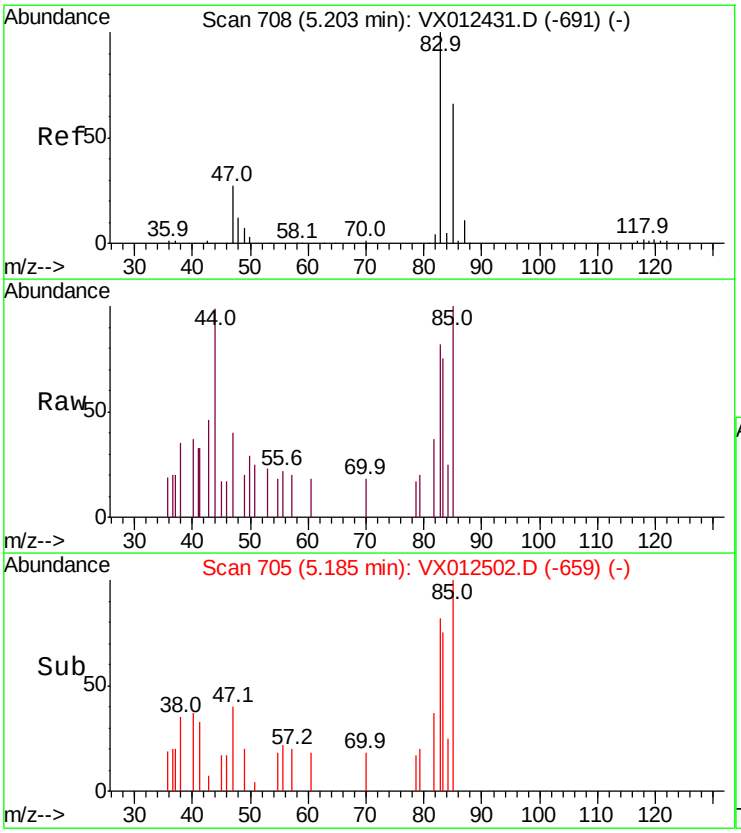
#29
Tetrahydrofuran
Concen: 0.296 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 42 Resp: 303

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

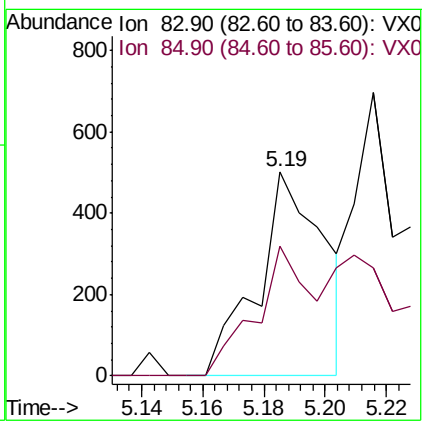


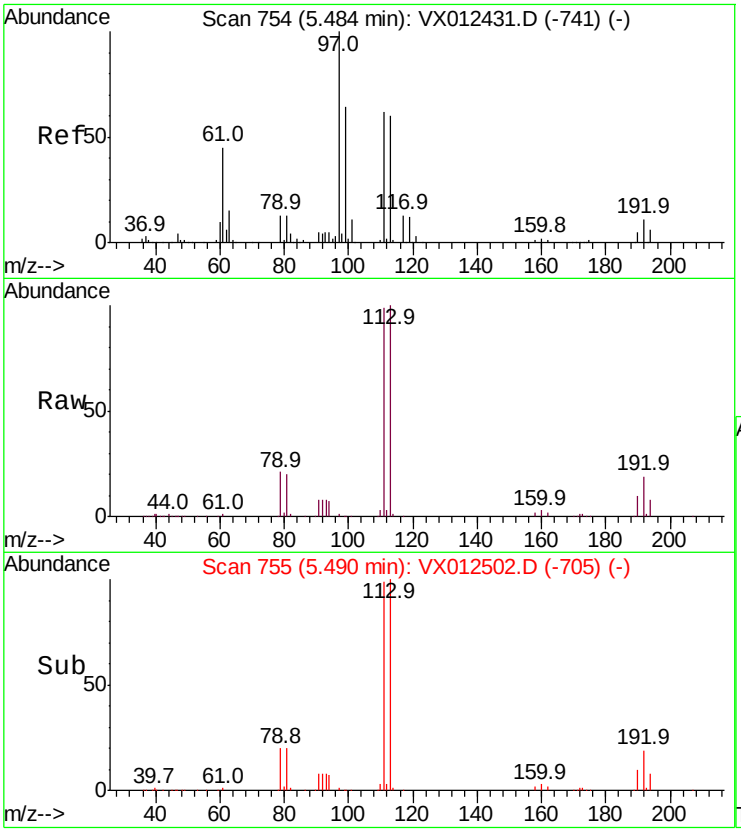


#30
Chloroform
Concen: 0.214 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.02 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 83 Resp: 751

Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.0	79.4



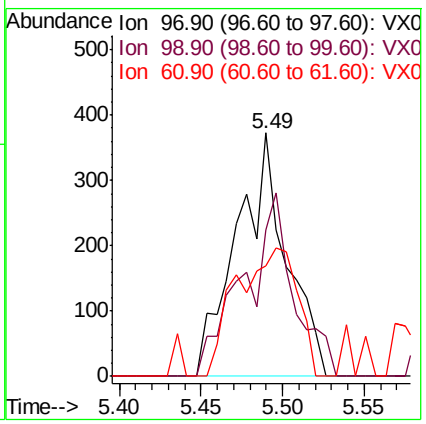


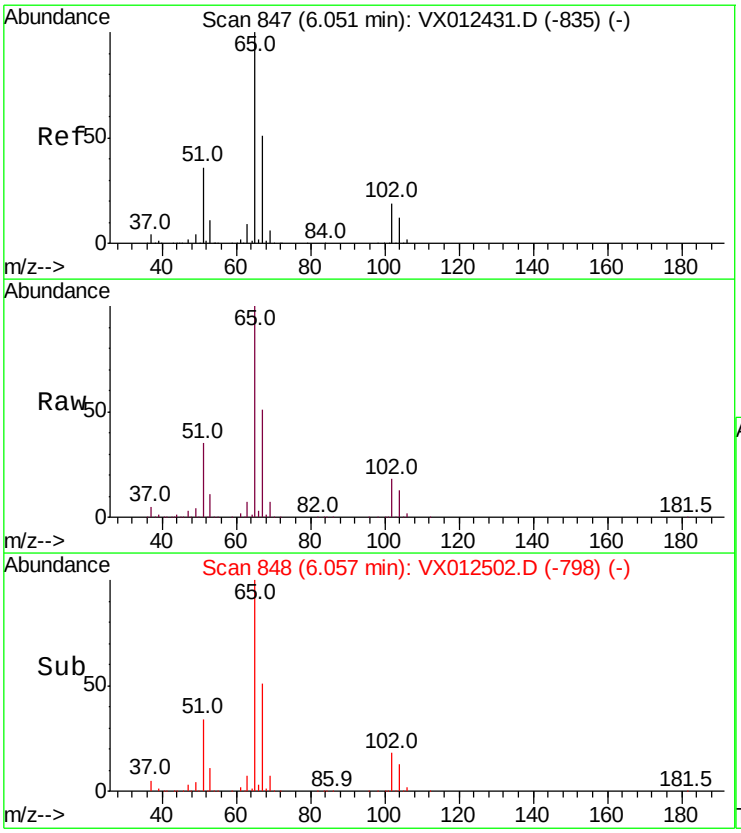
#32
1,1,1-Trichloroethane
Concen: 0.270 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 97 Resp: 791

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	65.0	36.1	54.1#

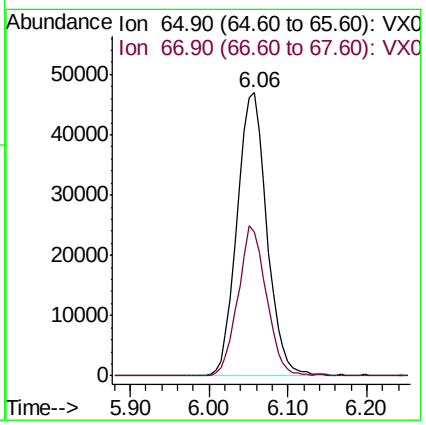


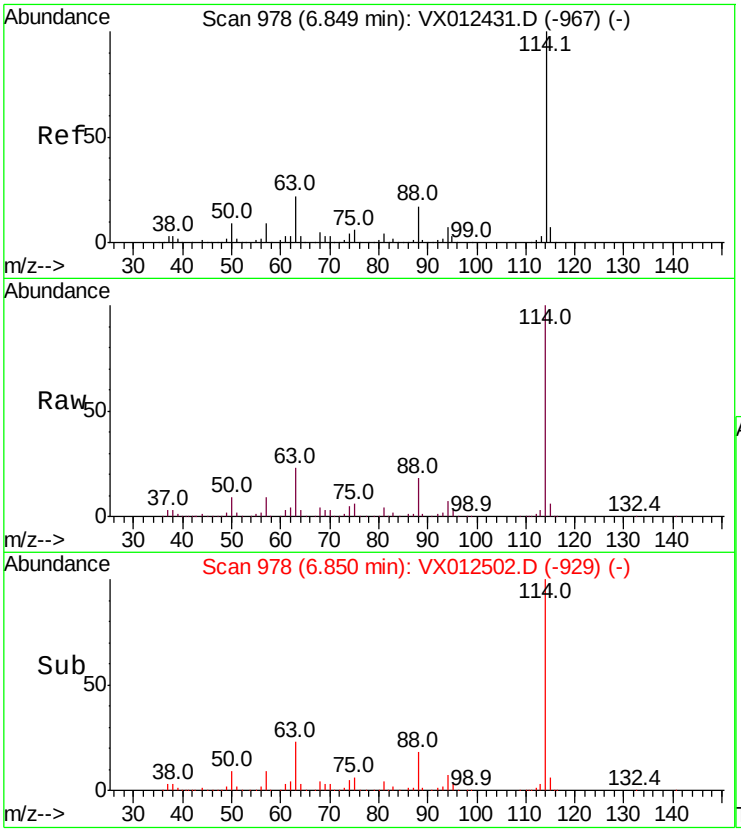


#33
1,2-Dichloroethane-d4
Concen: 46.498 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 65 Resp: 124111

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.2



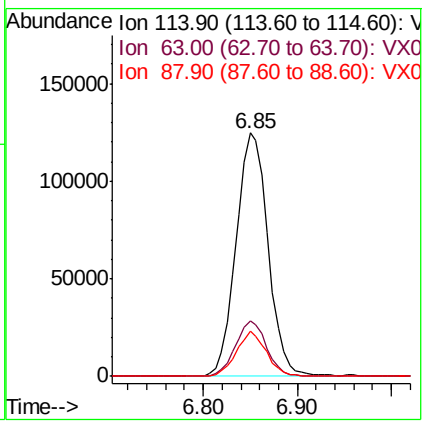


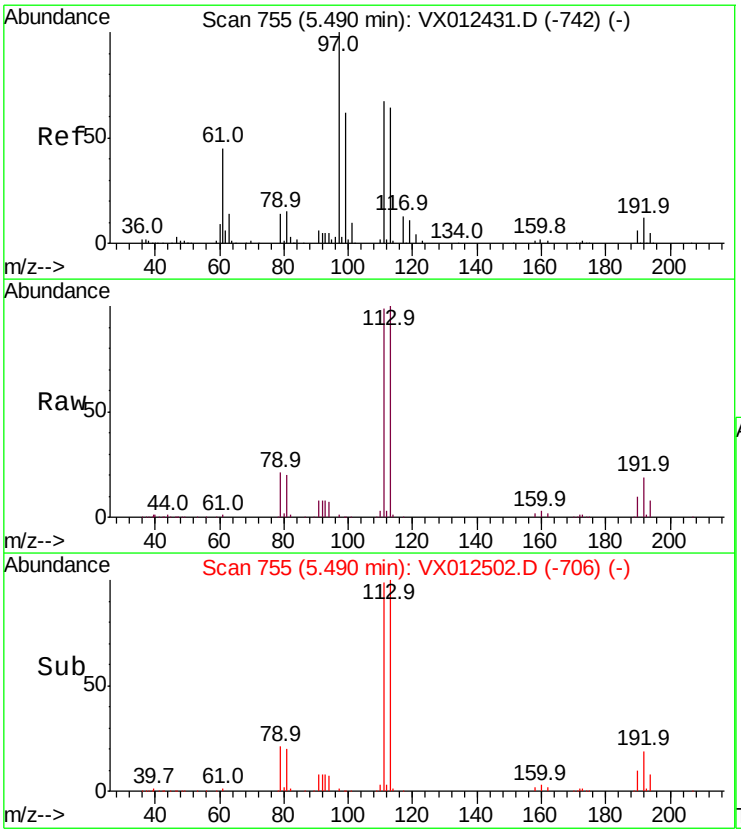
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion:114 Resp: 296593

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	18.4	0.0	33.2

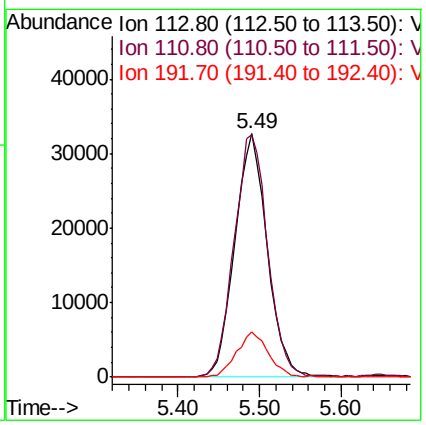


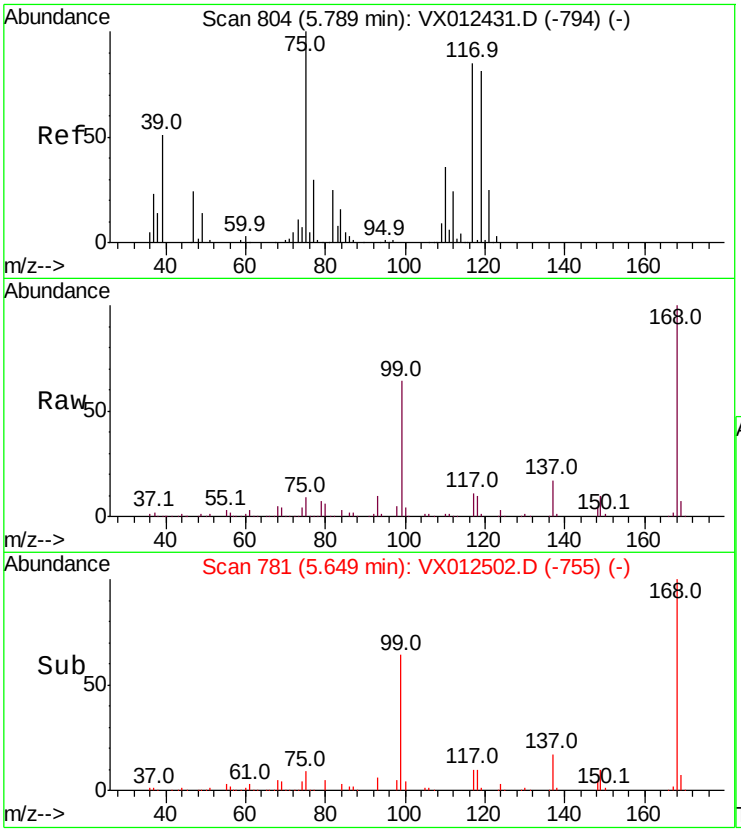


#35
Dibromofluoromethane
Concen: 50.164 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:113 Resp: 90052

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	18.1	14.4	21.6



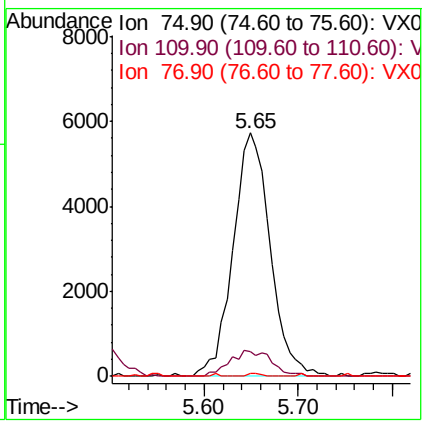


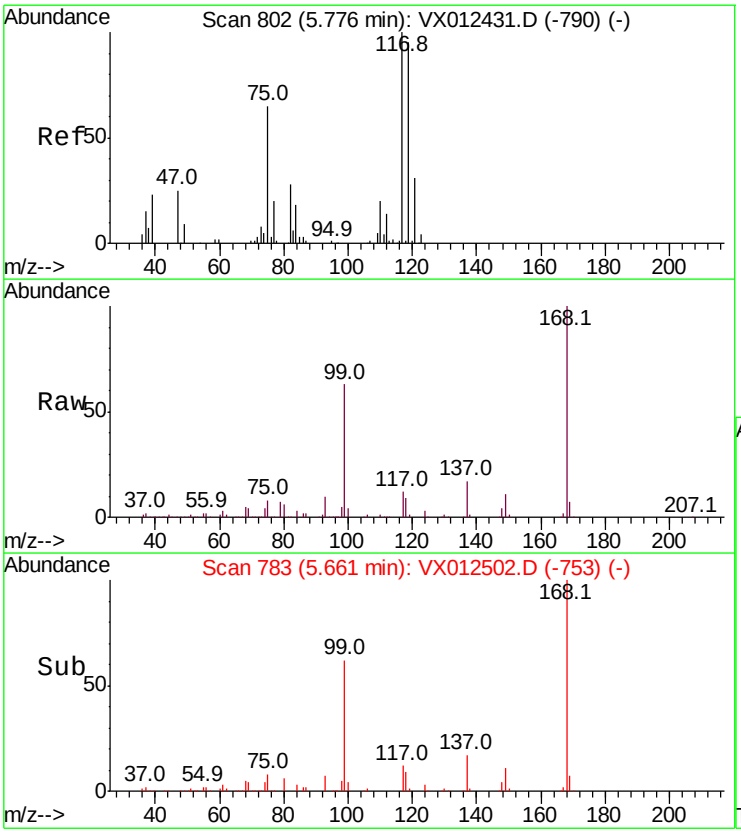
#36
1,1-Dichloropropene
Concen: 8.756 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 75 Resp: 15783

Ion	Ratio	Lower	Upper
75	100		
110	11.8	16.7	50.0#
77	0.4	24.2	36.2#

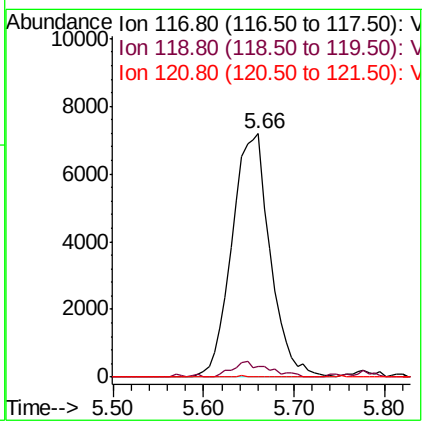


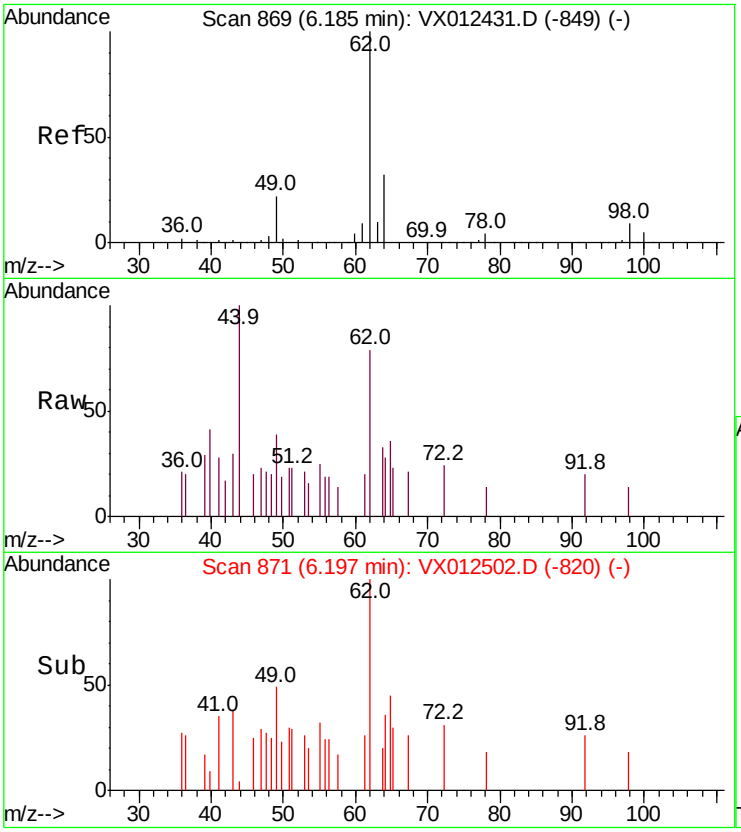


#38
Carbon Tetrachloride
Concen: 9.390 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:117 Resp: 21052

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.7	113.5#
121	0.0	24.2	36.4#

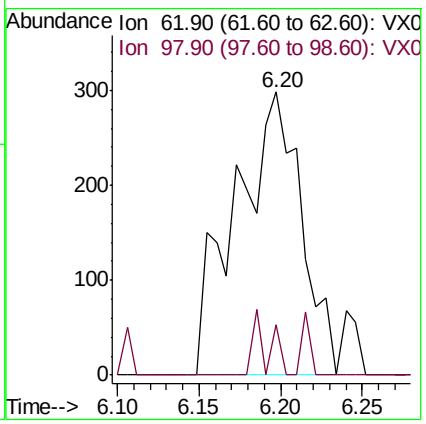




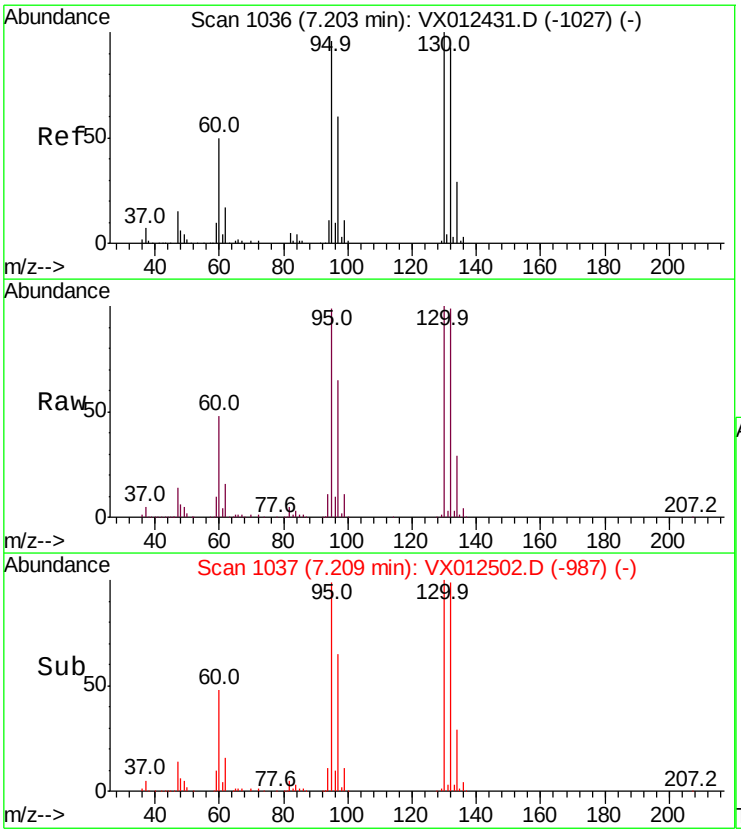
#42
1,2-Dichloroethane
Concen: 0.315 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 62 Resp: 838

Ion	Ratio	Lower	Upper
62	100		
98	5.4	0.0	17.8



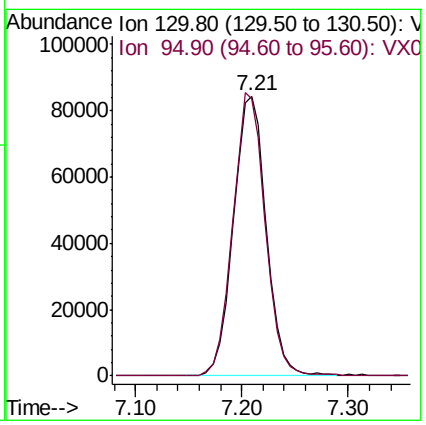
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

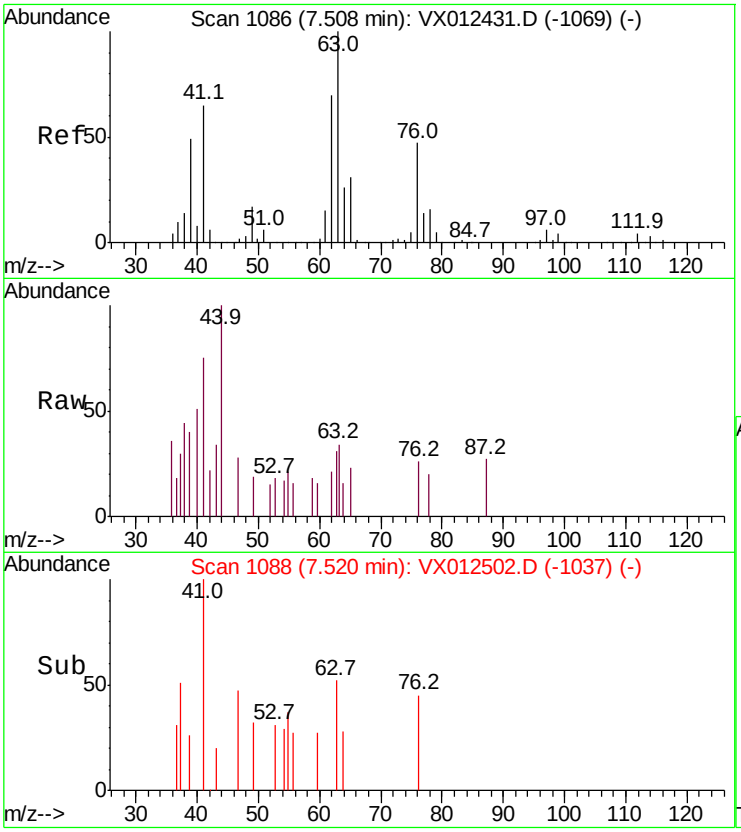


#44
Trichloroethene
Concen: 120.746 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:130 Resp: 182064

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	193.0



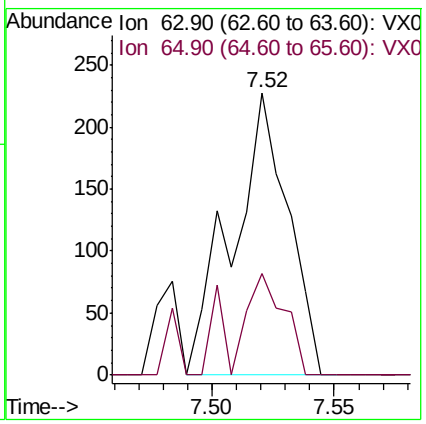


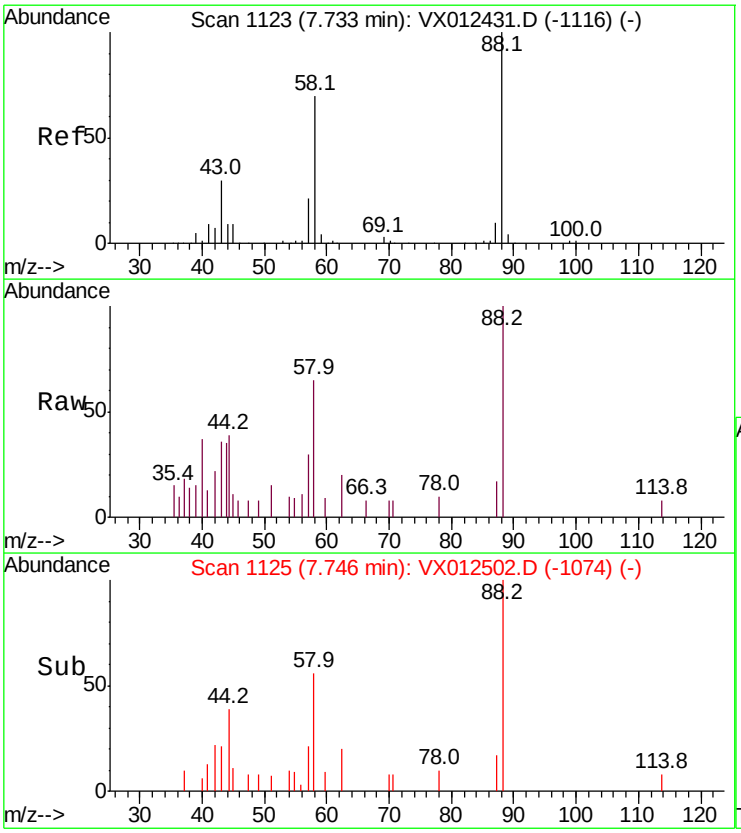
#45
1,2-Dichloropropane
Concen: 0.205 ug/l
RT: 7.52 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 63 Resp: 361

Ion	Ratio	Lower	Upper
63	100		
65	36.0	25.0	37.6

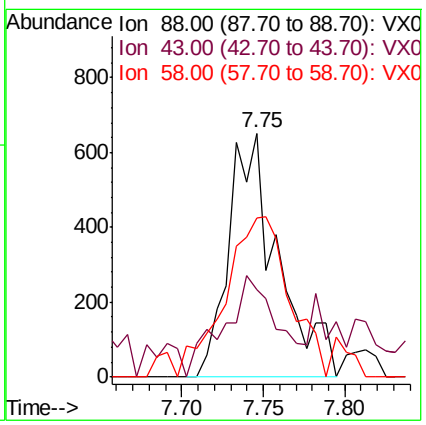


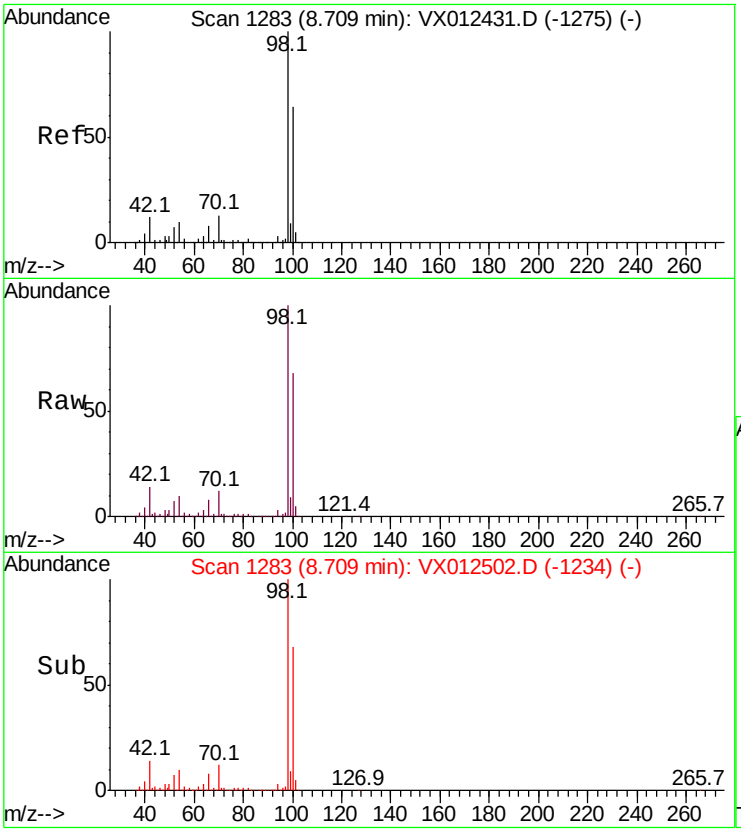


#49
1,4-Dioxane
Concen: 23.782 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 88 Resp: 1355

Ion	Ratio	Lower	Upper
88	100		
43	47.3	29.4	44.0#
58	86.8	57.5	86.3#



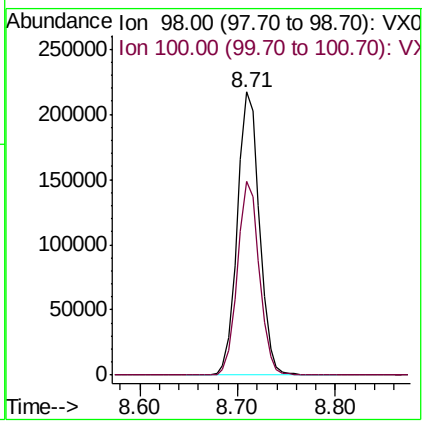


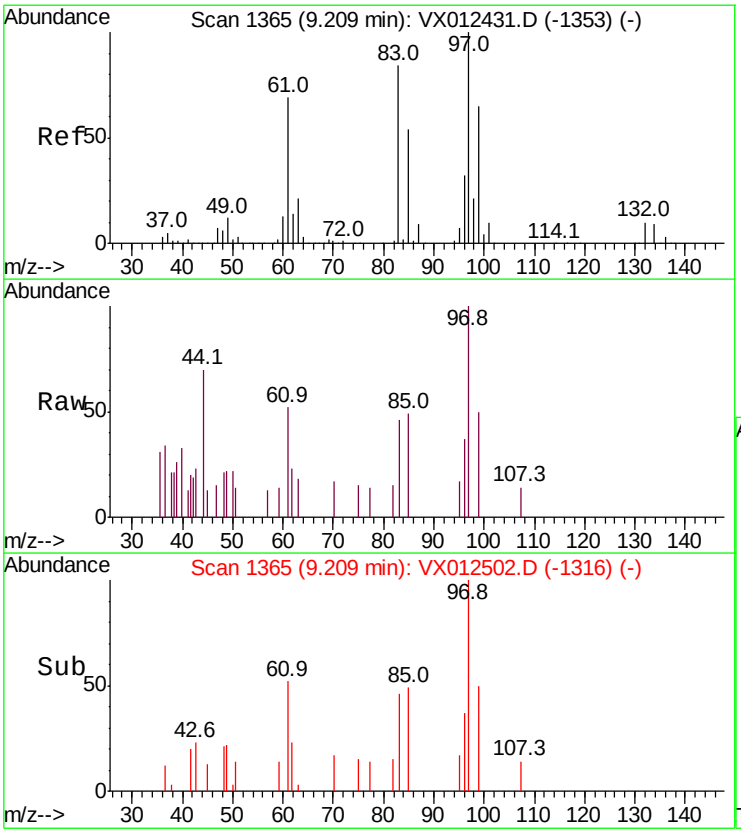
#50
Toluene-d8
Concen: 51.233 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 98 Resp: 340425

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2

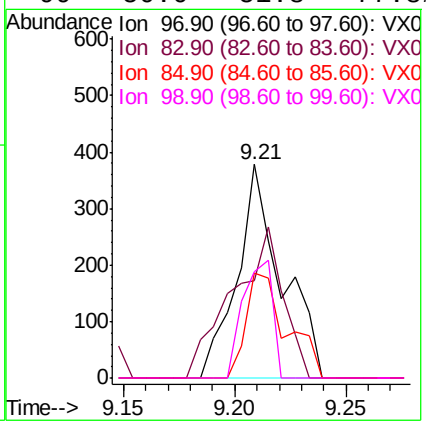


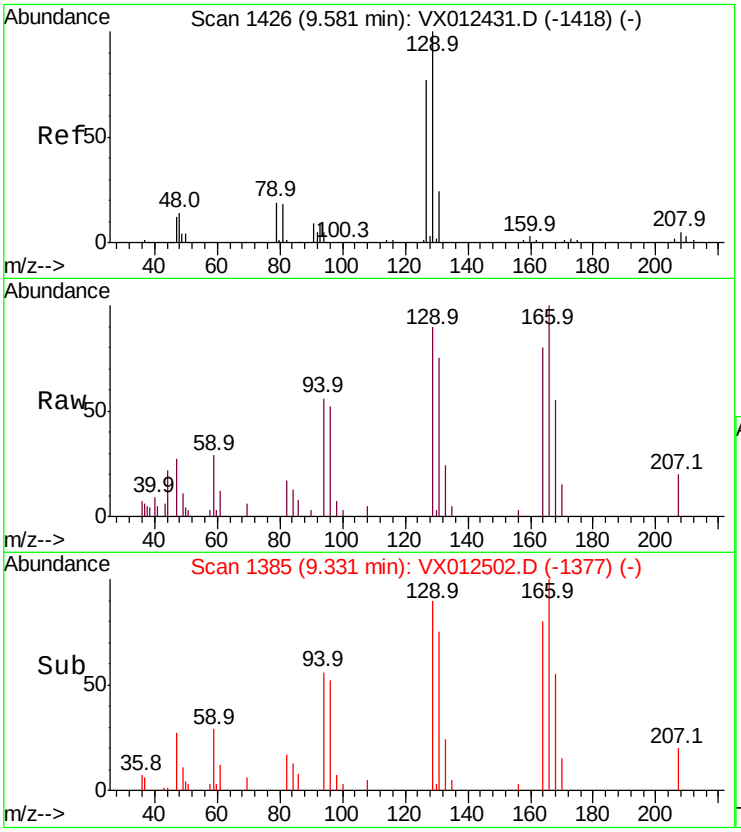


#55
1,1,2-Trichloroethane
Concen: 0.277 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 97 Resp: 527

Ion	Ratio	Lower	Upper
97	100		
83	45.8	67.4	101.2#
85	49.2	43.5	65.3
99	50.0	51.8	77.8#



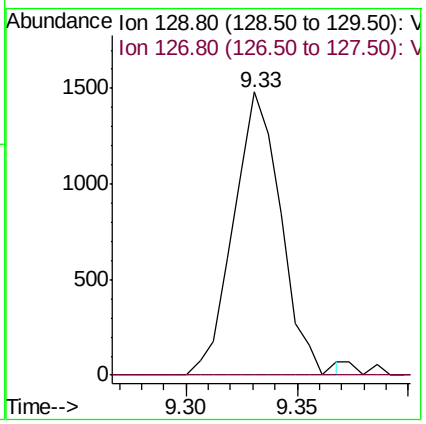


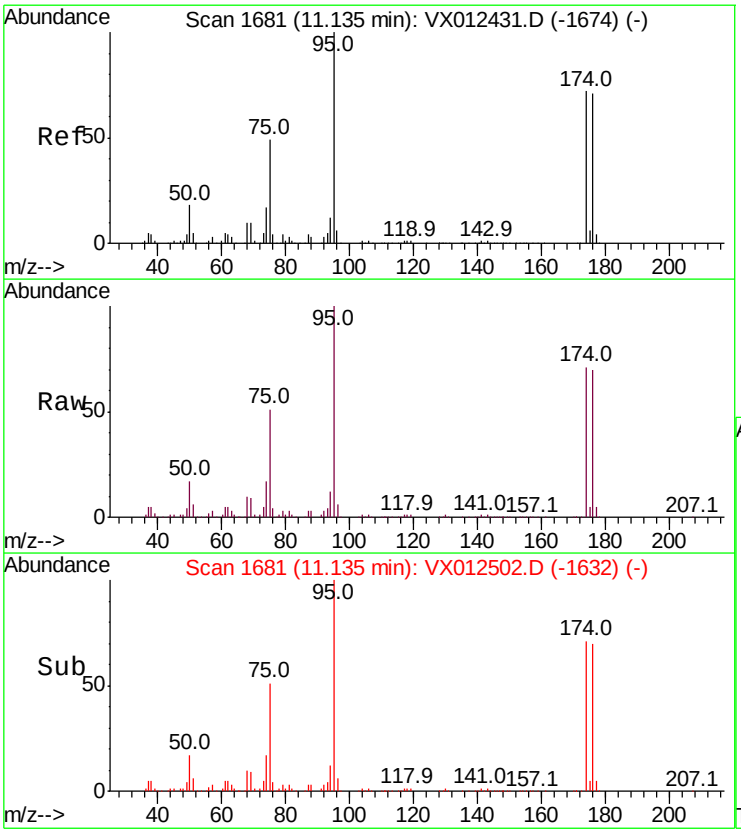
#60
Dibromochloromethane
Concen: 1.139 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion:129 Resp: 2207

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

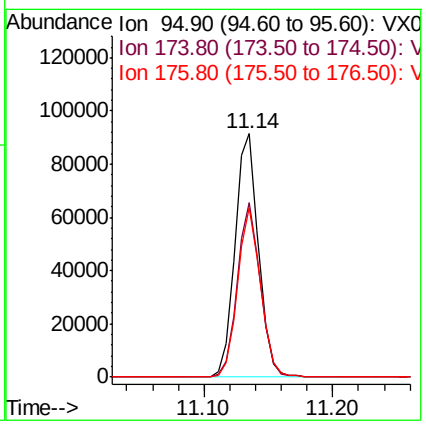


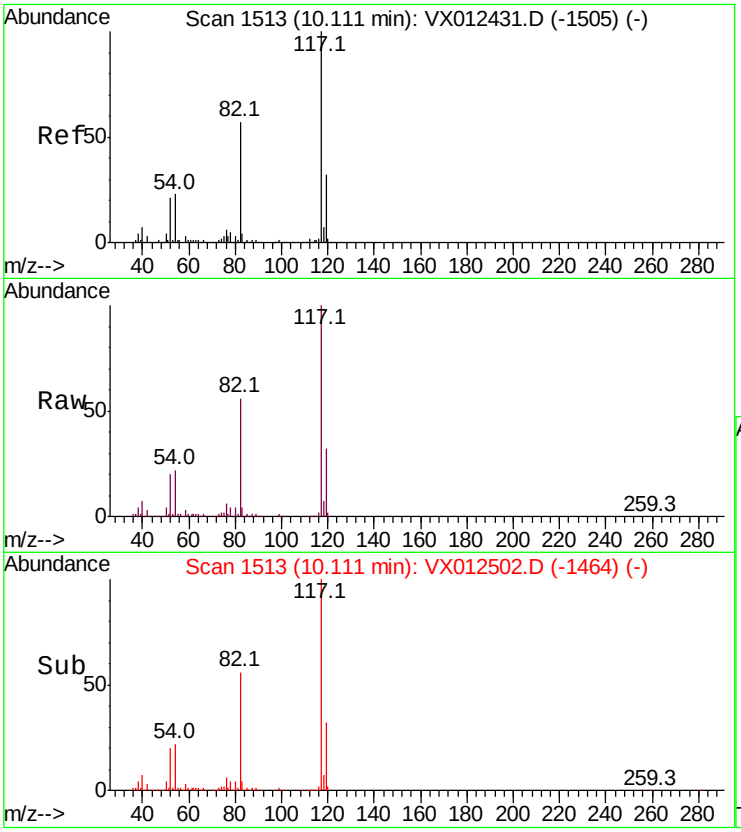


#62
4-Bromofluorobenzene
Concen: 41.863 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 95 Resp: 115497

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	140.0
176	67.9	0.0	135.4



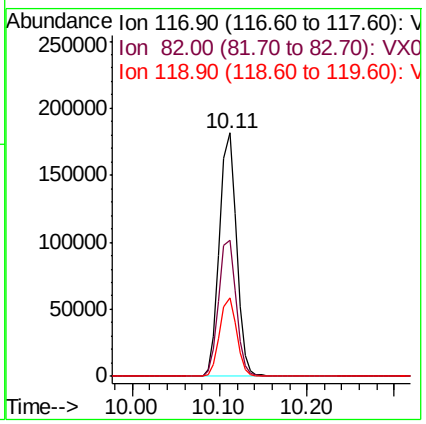


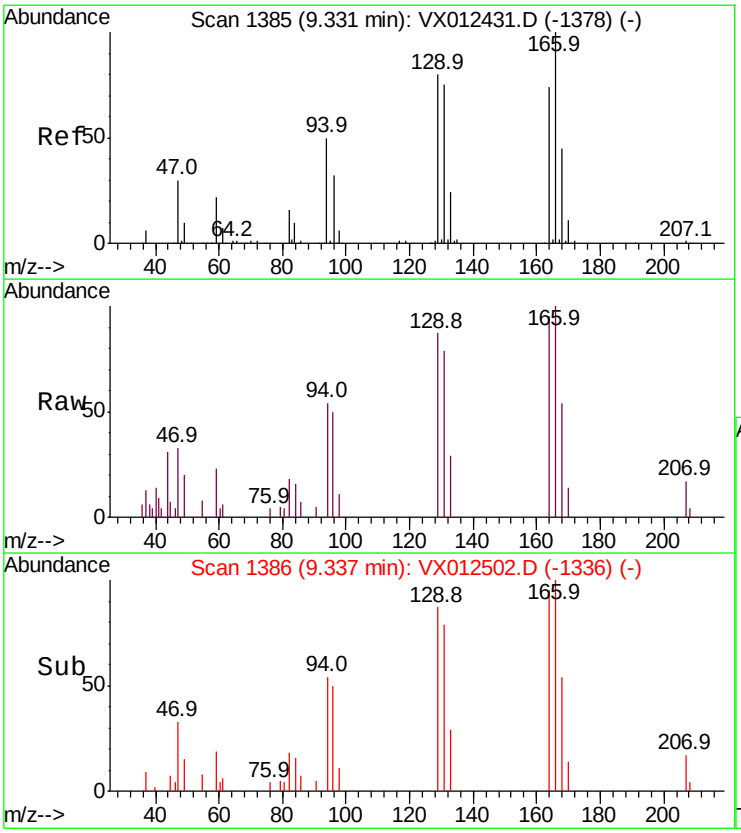
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument : MSVOA_X
ClientSampleId : RE132D3-20190911

Tgt Ion:117 Resp: 245113

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	32.3	25.3	37.9

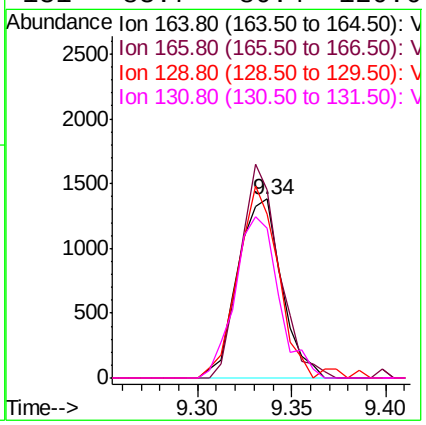


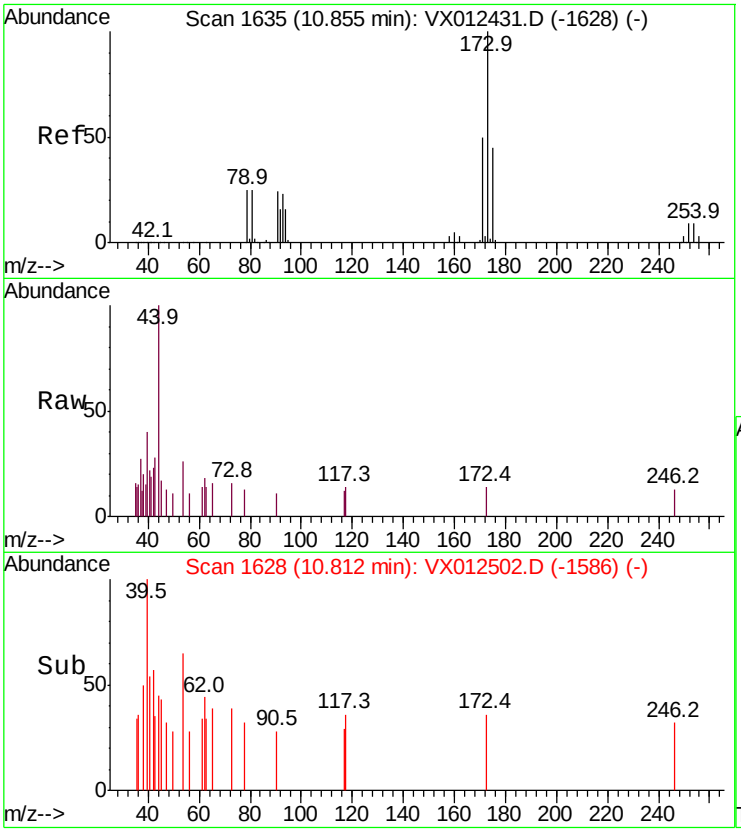


#64
Tetrachloroethene
Concen: 1.997 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:164 Resp: 2243

Ion	Ratio	Lower	Upper
164	100		
166	105.4	107.8	161.6#
129	91.5	86.2	129.2
131	83.7	80.4	120.6



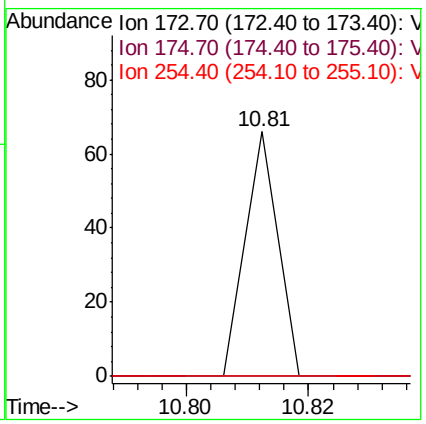


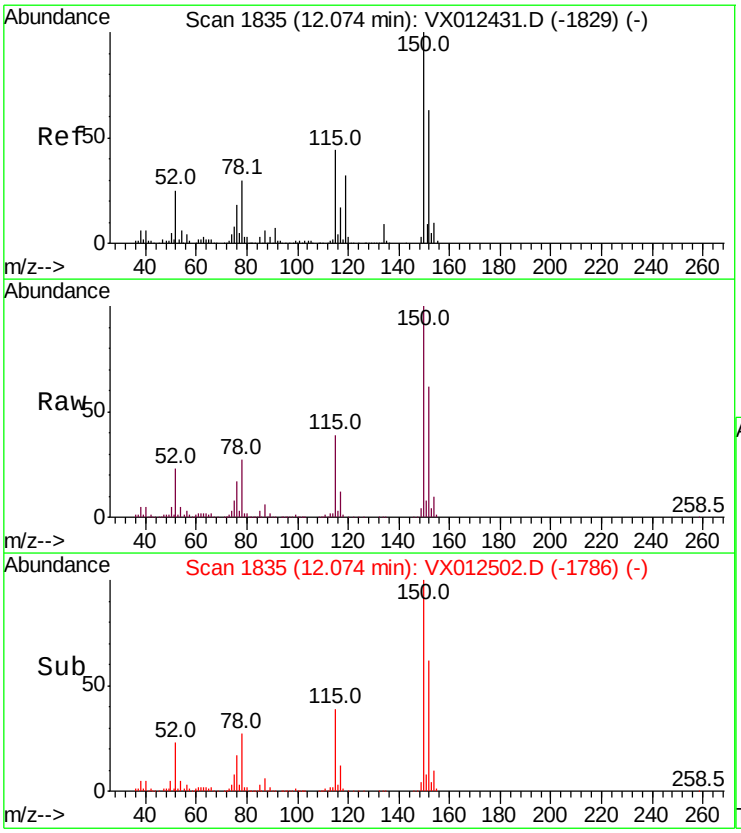
#71
Bromoform
Concen: 2.885 ug/l
RT: 10.81 min Scan# 1628
Delta R.T. -0.04 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion:173 Resp: 24

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.7	71.1#
254	0.0	0.1	0.1#

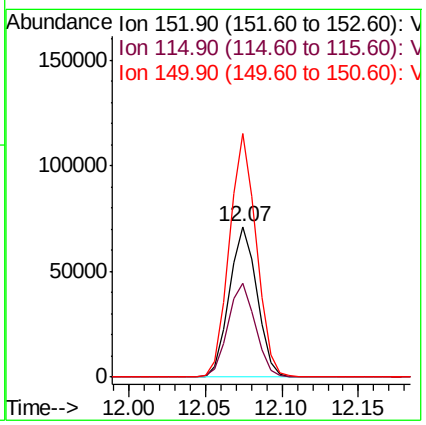


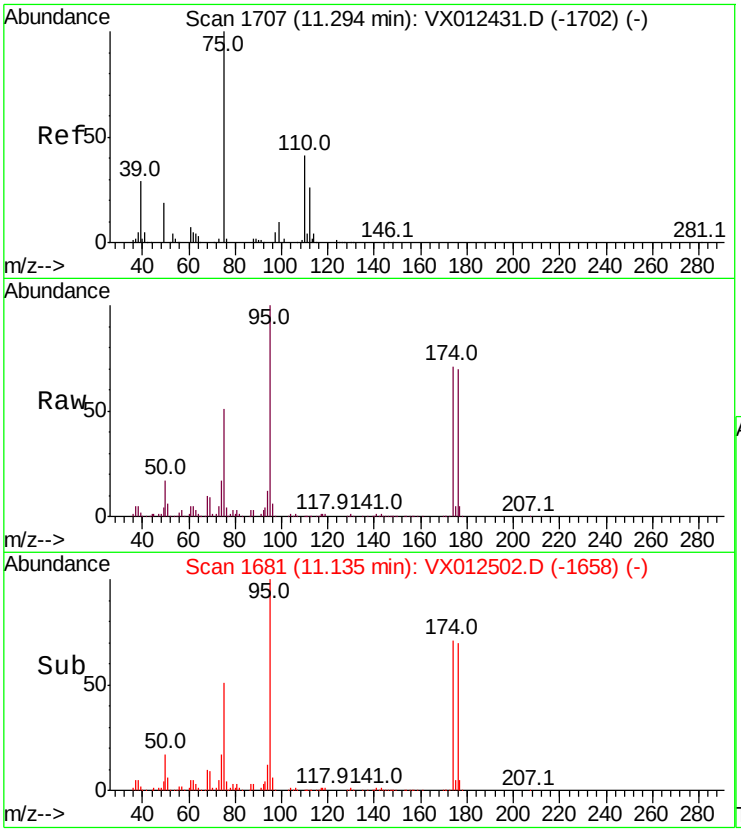


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion:152 Resp: 89298

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.1	132.3
150	157.1	0.0	343.8



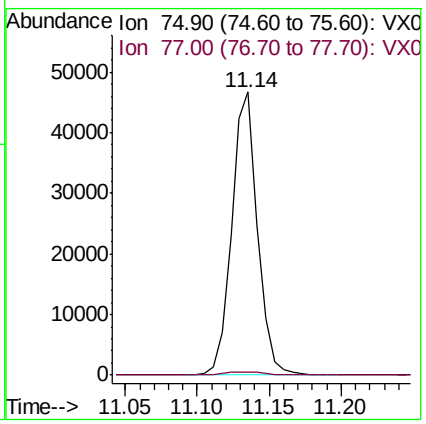


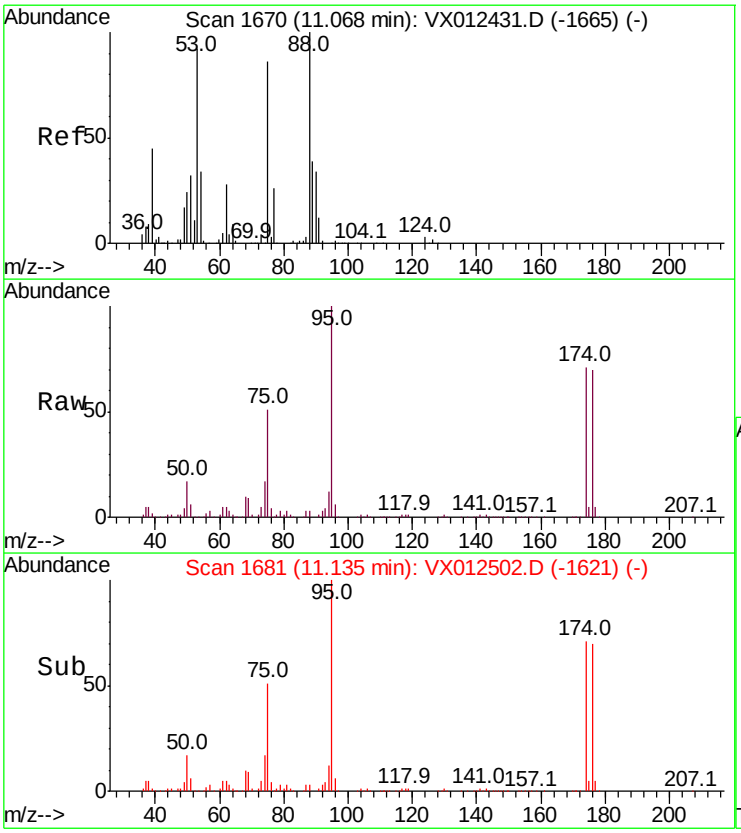
#76
1,2,3-Trichloropropane
Concen: 28.405 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20190911

Tgt Ion: 75 Resp: 58265

Ion	Ratio	Lower	Upper
75	100		
77	1.8	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.249 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012502.D
Acq: 19 Sep 2019 03:04

Tgt Ion: 75 Resp: 58265

Ion	Ratio	Lower	Upper
75	100		
53	0.3	83.6	125.4#
89	0.2	36.3	54.5#