Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012472.D
Acq On : 18 Sep 2019 14:37
Operator : JC/SP
Sample : K4858-18DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE131D3-20190910DL

Quant Time: Sep 19 06:01:13 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	190215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127283	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
35) Dibromofluoromethane	5.49	113	89904	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
50) Toluene-d8	8.71	98	343455	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
62) 4-Bromofluorobenzene	11.14	95	118223	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	215	0.559	ug/l	89
3) Chloromethane	1.31	50	429	0.410	ug/l #	8
5) Bromomethane	1.64	94	151	0.340	ug/l	90
6) Chloroethane	1.70	64	1116	1.262	ug/l #	47
8) Diethyl Ether	2.17	74	232	0.248	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89578	59.754	ug/l	98
10) Methyl Iodide	2.51	142	267	4.631	ug/l #	65
11) Tert butyl alcohol	3.00	59	7669	5.346	ug/l #	75
12) 1,1-Dichloroethene	2.37	96	881	0.737	ug/l #	55
13) Acrolein	2.28	56	273	Below Cal #		74
15) Acrylonitrile	3.14	53	304	0.257	ug/l #	59
16) Acetone	2.44	43	1021	Below Cal #		77
17) Carbon Disulfide	2.55	76	211	1.927	ug/l #	75
20) Methylene Chloride	2.84	84	505	0.306	ug/l #	73
30) Chloroform	5.19	83	831	0.232	ug/l #	64
36) 1,1-Dichloropropene	5.65	75	16278	8.913	ug/l #	53
38) Carbon Tetrachloride	5.65	117	20692	9.110	ug/l #	15
42) 1,2-Dichloroethane	6.20	62	619	0.230	ug/l #	75
44) Trichloroethene	7.21	130	7818	5.117	ug/l	95
49) 1,4-Dioxane	7.74	88	57	0.987	ug/l #	22
60) Dibromochloromethane	9.33	129	2459	1.252	ug/l #	11
64) Tetrachloroethene	9.33	164	2399	2.130	ug/l #	85
76) 1,2,3-Trichloropropane	11.14	75	59811	27.824	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	59811	74.755	ug/l #	8

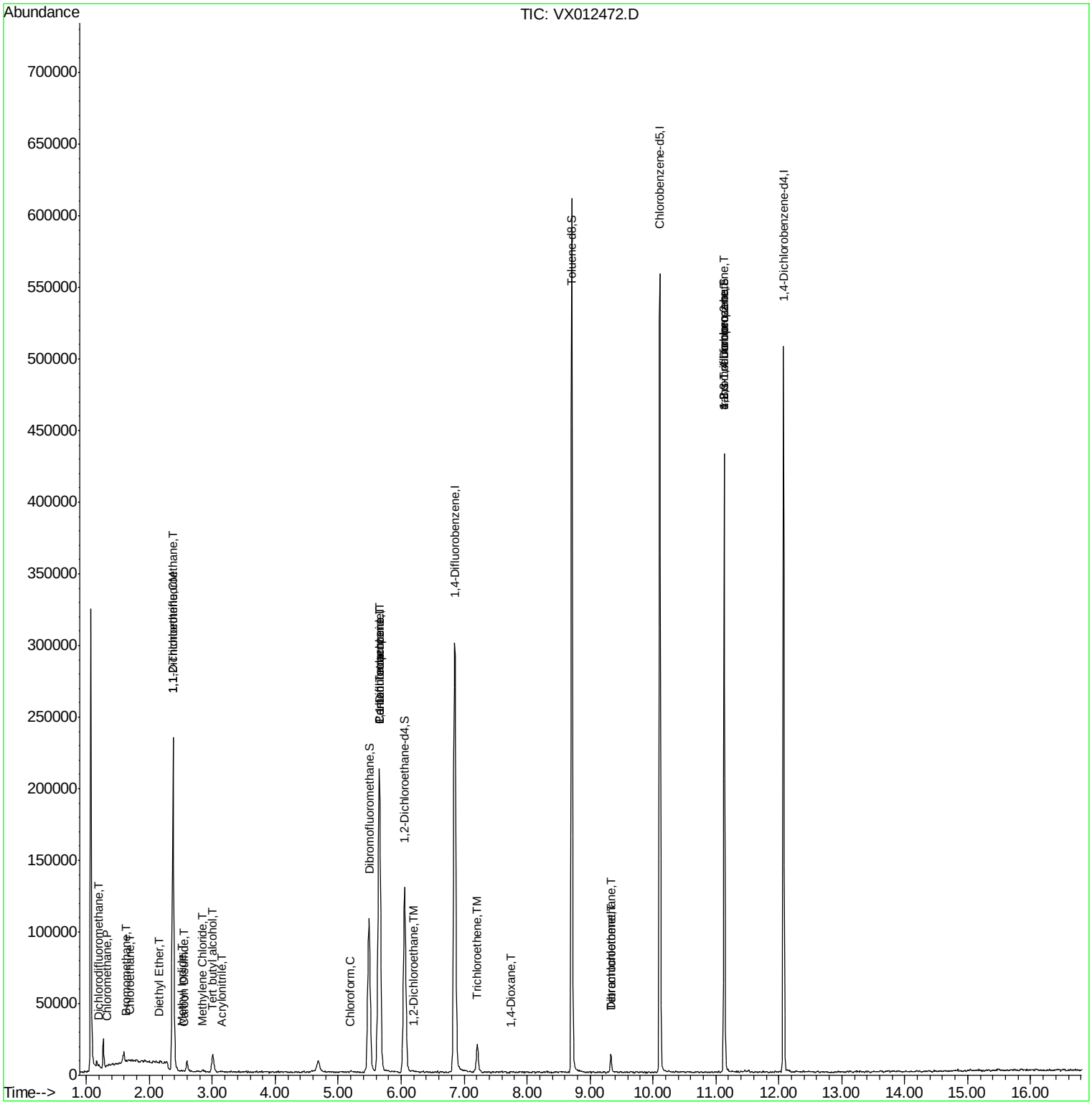
(#) = qualifier out of range (m) = manual integration (+) = signals summed

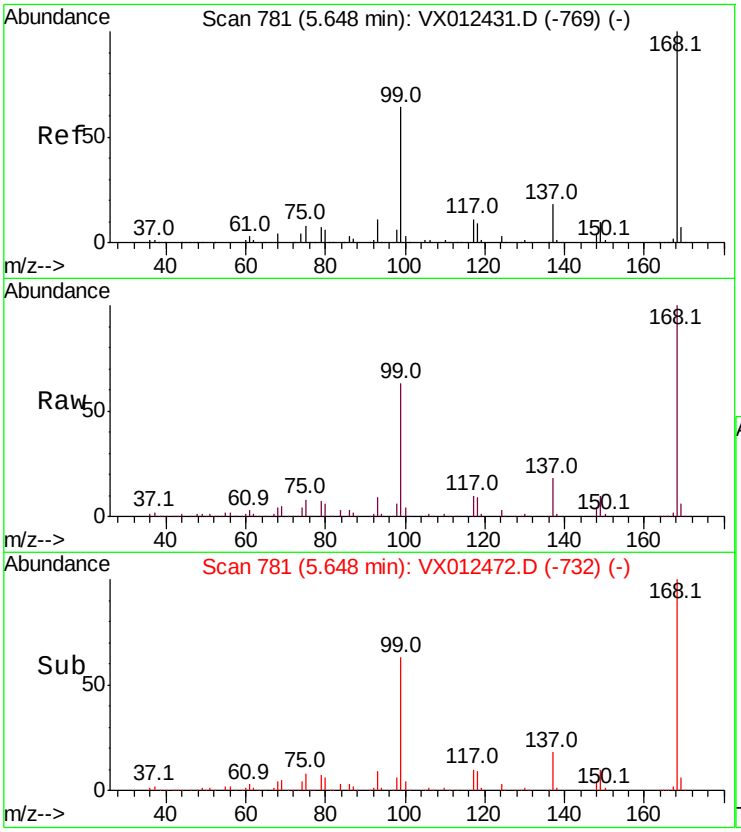
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012472.D
Acq On : 18 Sep 2019 14:37
Operator : JC/SP
Sample : K4858-18DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Quant Time: Sep 19 06:01:13 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



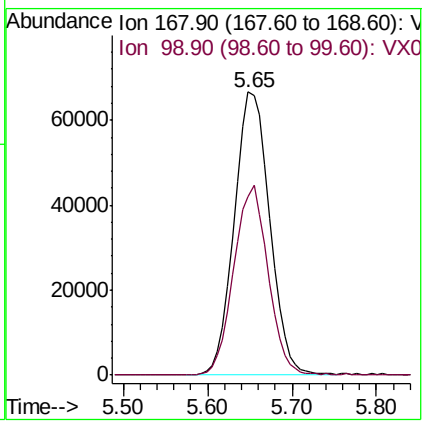


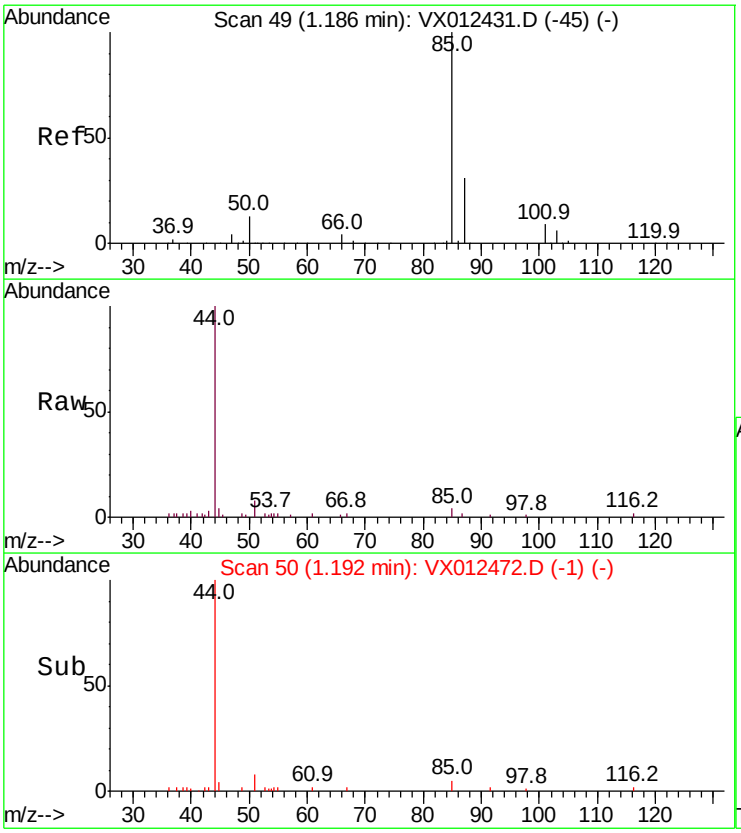
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion:168 Resp: 190215

Ion	Ratio	Lower	Upper
168	100		
99	63.2	51.4	77.2

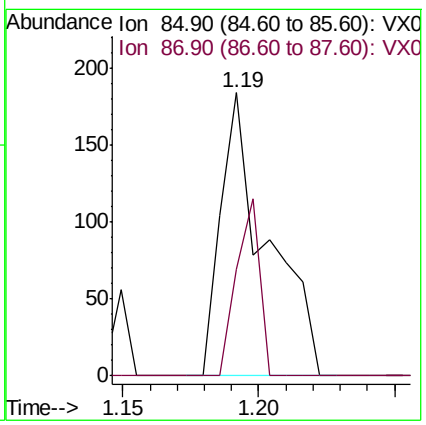


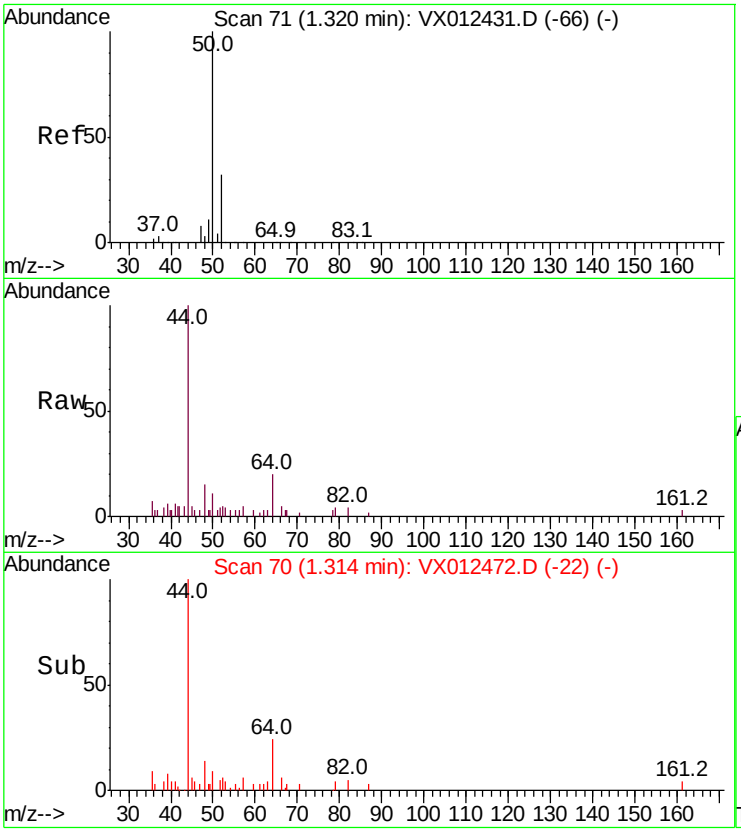


#2
Dichlorodifluoromethane
Concen: 0.559 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 85 Resp: 215

Ion	Ratio	Lower	Upper
85	100		
87	37.5	15.6	46.8



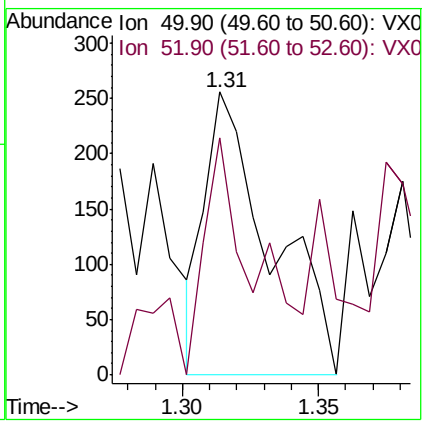


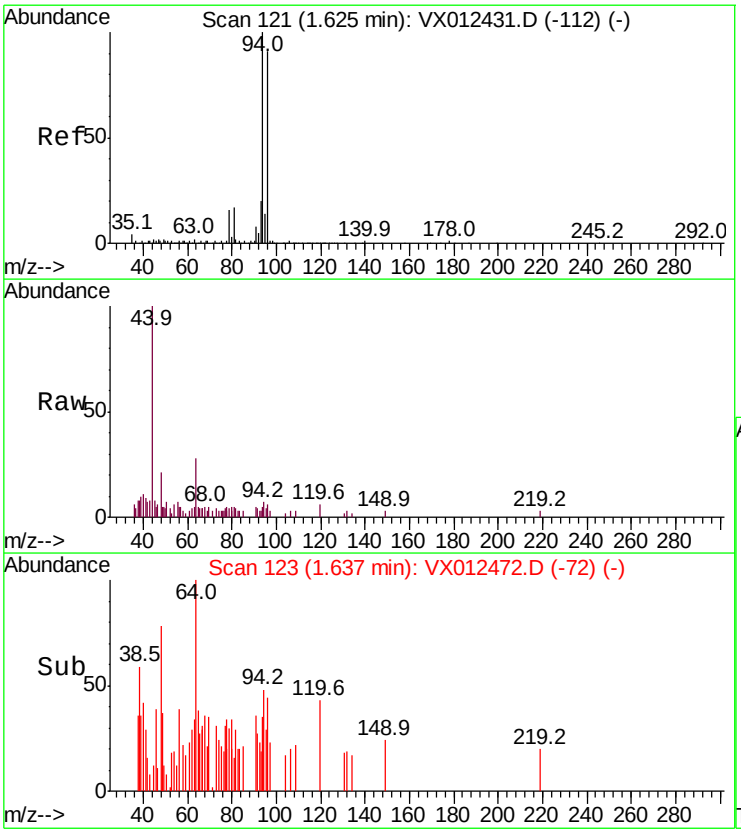
#3
Chloromethane
Concen: 0.410 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 50 Resp: 429

Ion	Ratio	Lower	Upper
50	100		
52	83.6	25.7	38.5#

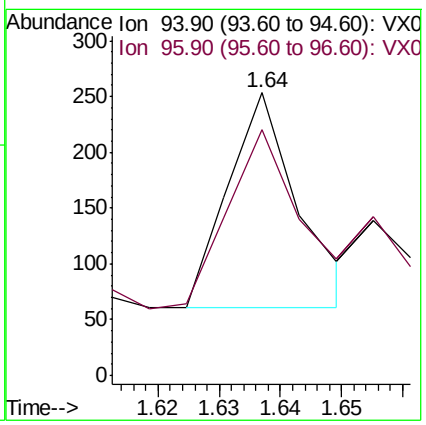


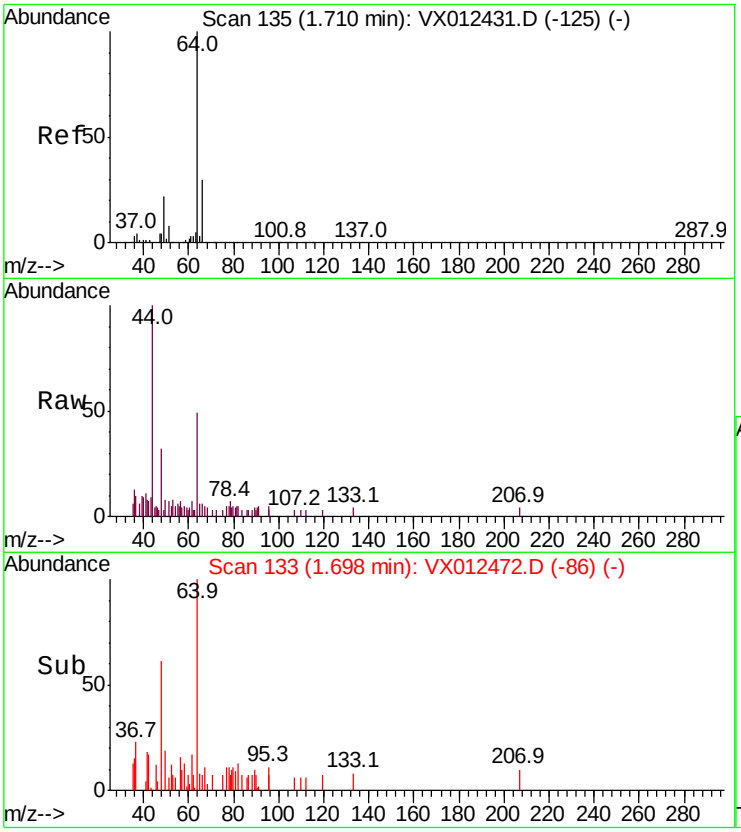


#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 94 Resp: 151

Ion	Ratio	Lower	Upper
94	100		
96	81.3	72.8	109.2



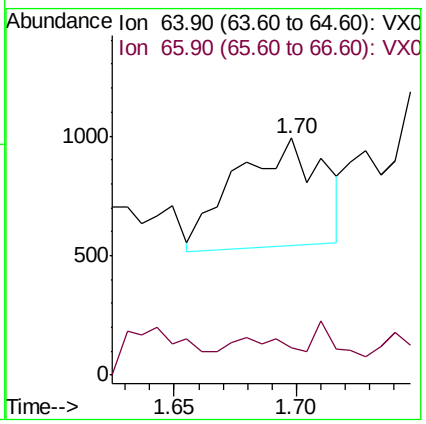


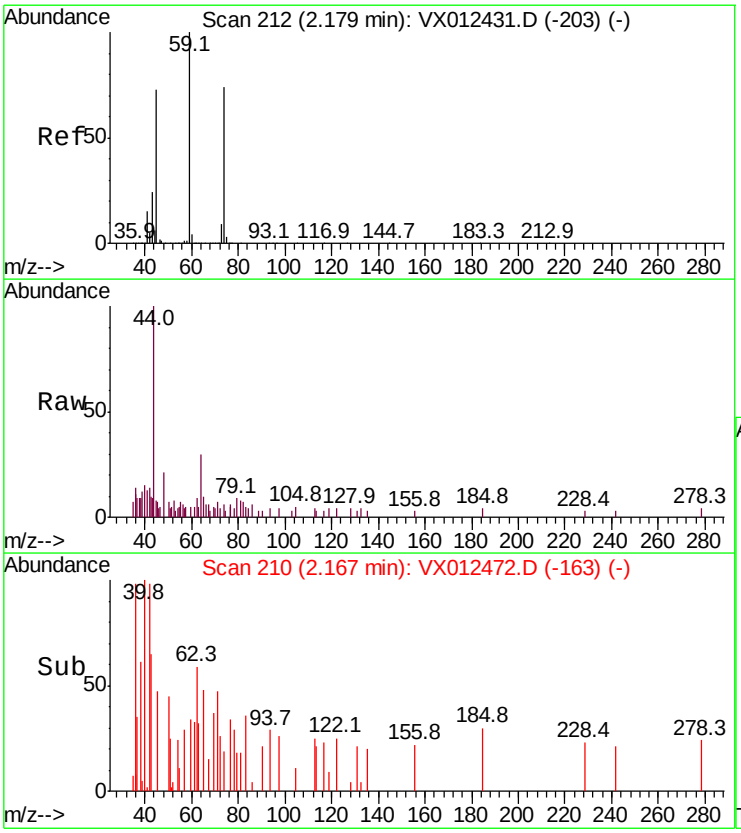
#6
Chloroethane
Concen: 1.262 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 64 Resp: 1116

Ion	Ratio	Lower	Upper
64	100		
66	1.1	24.0	36.0#

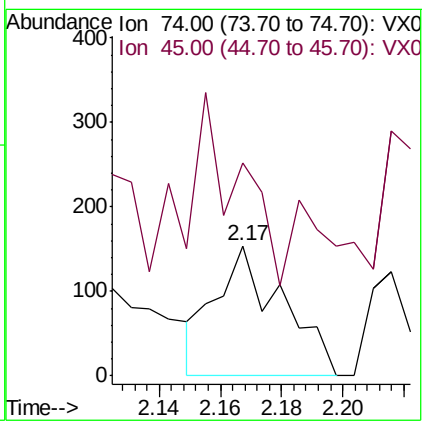


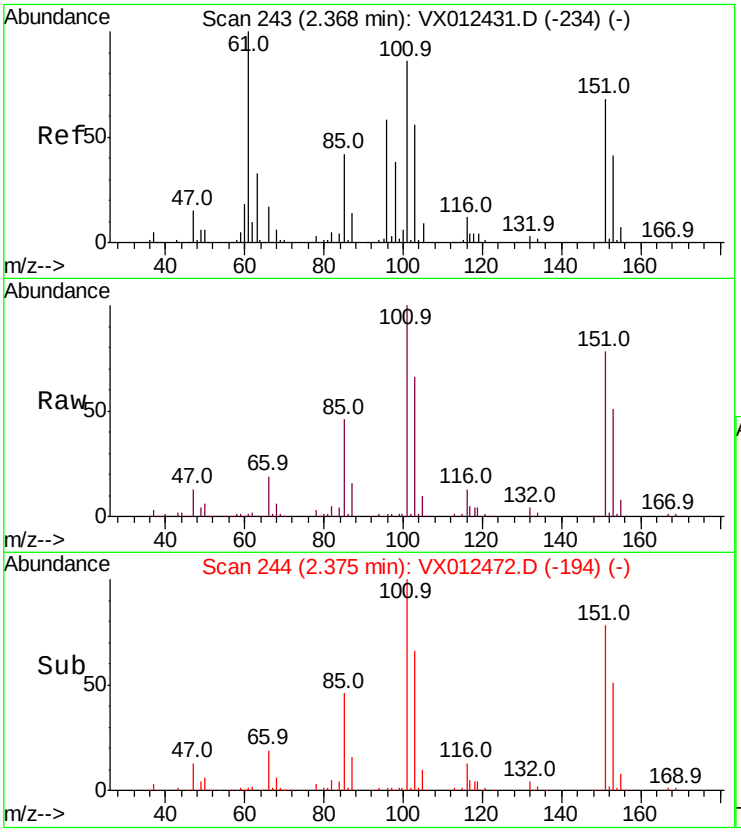


#8
Diethyl Ether
Concen: 0.248 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 74 Resp: 232

Ion	Ratio	Lower	Upper
74	100		
45	116.4	49.9	149.7



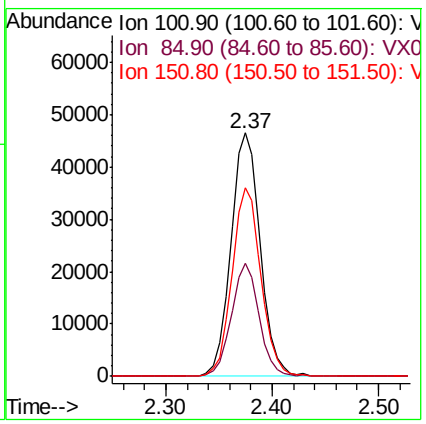


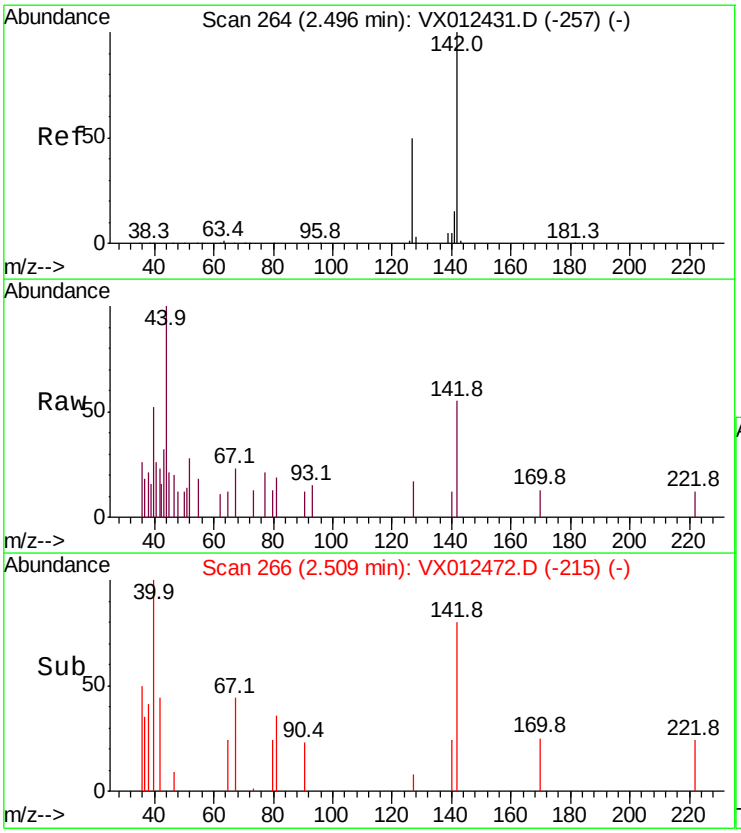
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.754 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion:101 Resp: 89578

Ion	Ratio	Lower	Upper
101	100		
85	44.3	37.3	55.9
151	76.5	61.0	91.4

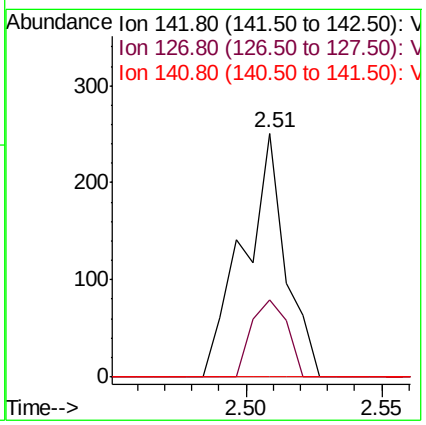


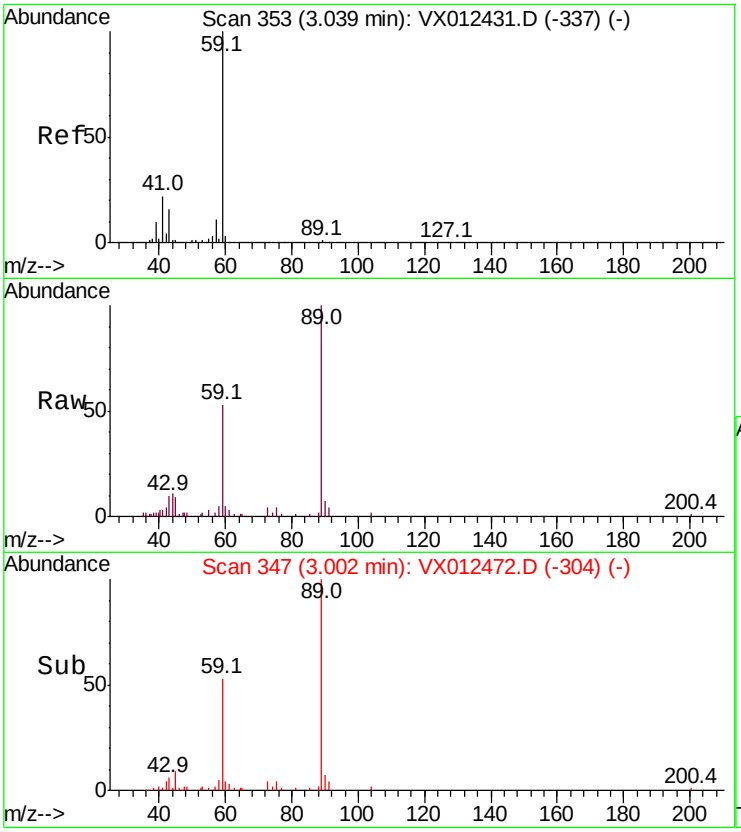


#10
Methyl Iodide
Concen: 4.631 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:142 Resp: 267

Ion	Ratio	Lower	Upper
142	100		
127	27.0	40.8	61.2#
141	0.0	12.1	18.1#



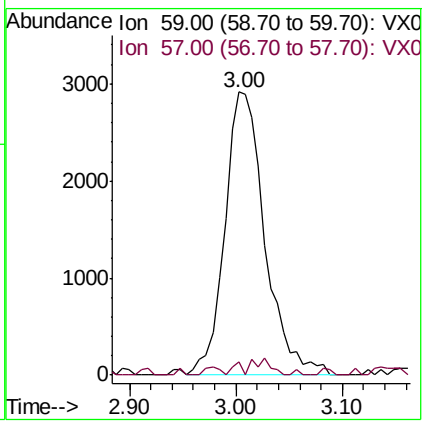


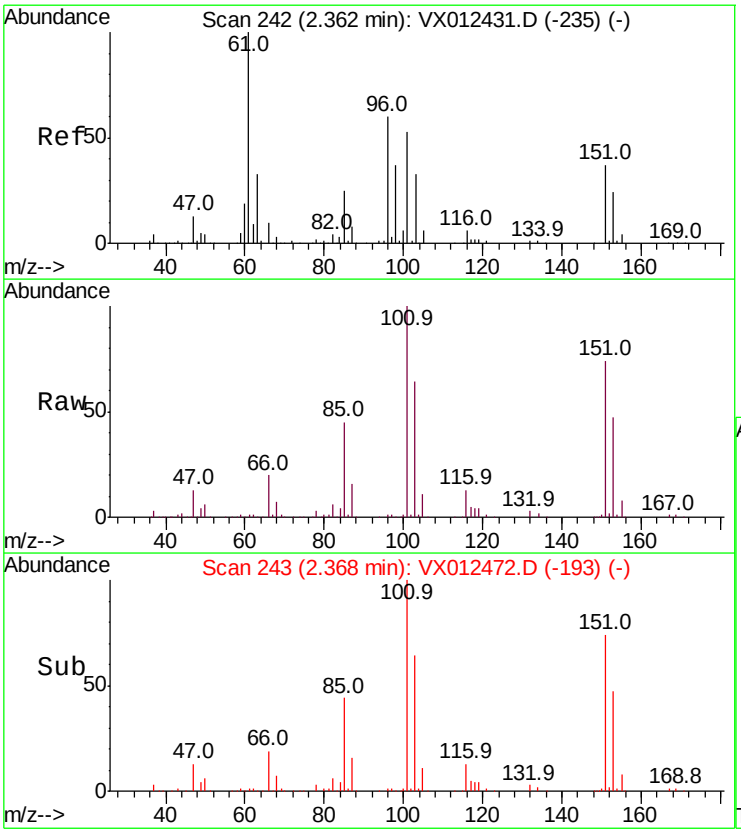
#11
Tert butyl alcohol
Concen: 5.346 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 59 Resp: 7669

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.3	12.5#

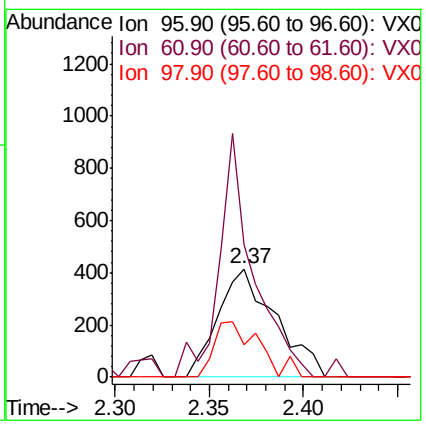


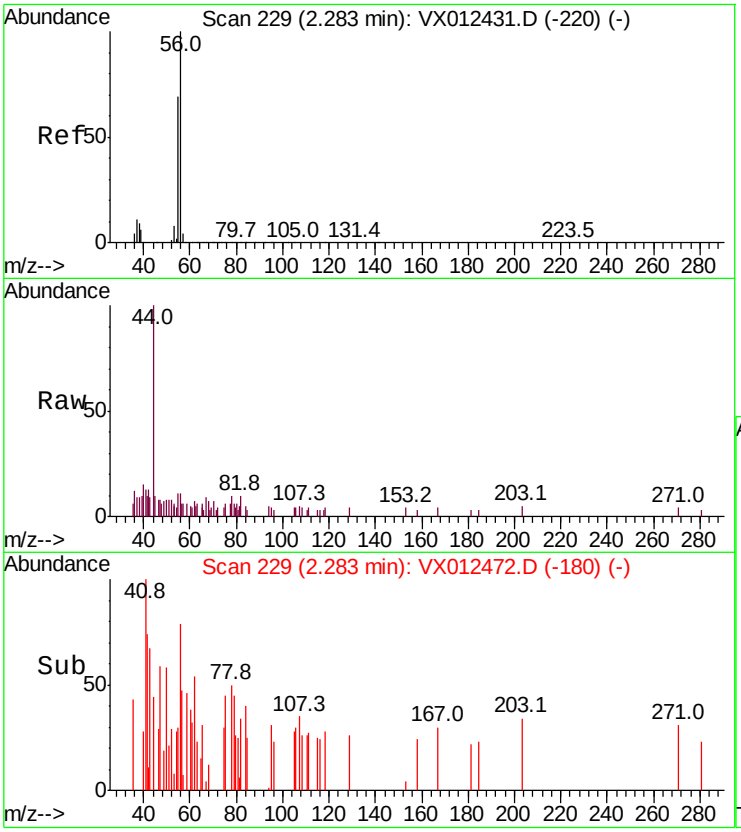


#12
1,1-Dichloroethene
Concen: 0.737 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 96 Resp: 881

Ion	Ratio	Lower	Upper
96	100		
61	105.0	133.8	200.6#
98	29.6	49.9	74.9#



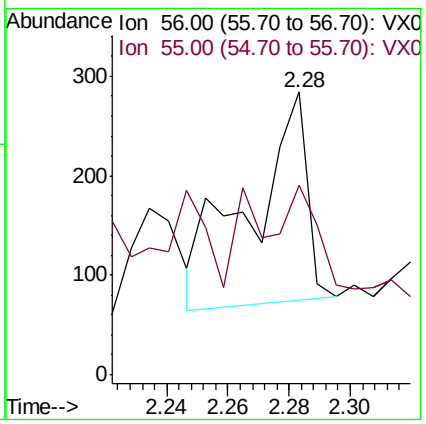


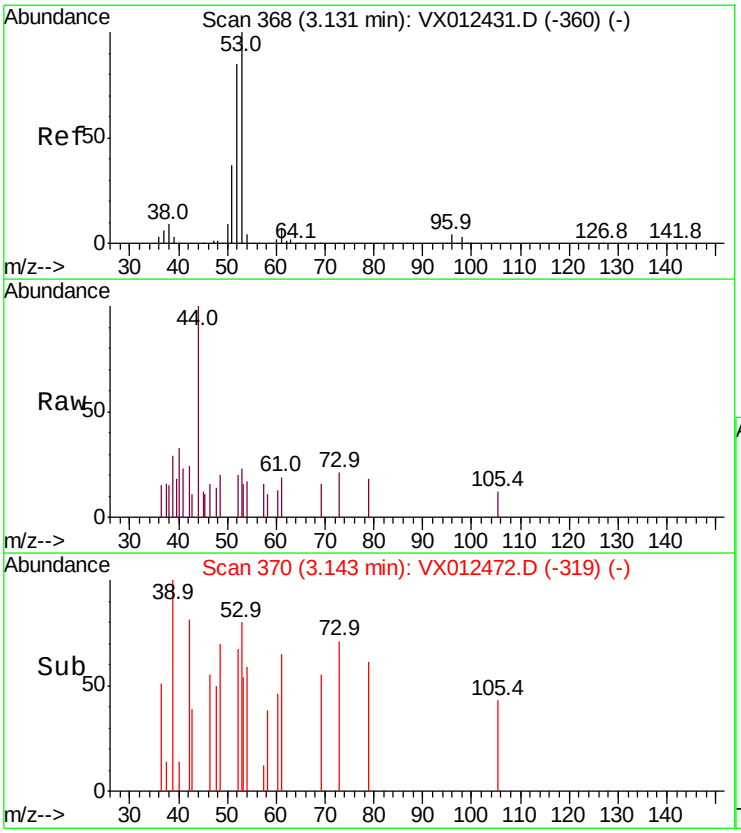
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 56 Resp: 273

Ion	Ratio	Lower	Upper
56	100		
55	91.2	55.8	83.8#

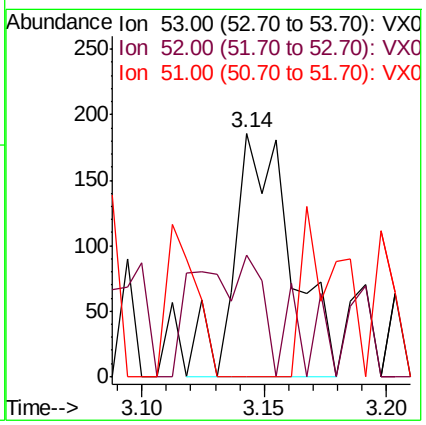


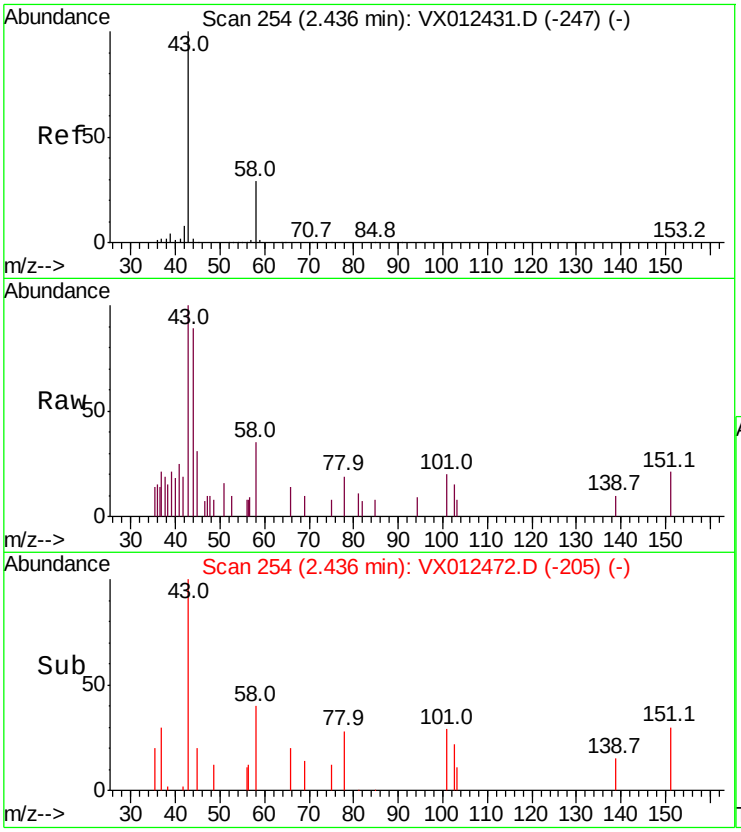


#15
Acrylonitrile
Concen: 0.257 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 53 Resp: 304

Ion	Ratio	Lower	Upper
53	100		
52	55.6	67.0	100.4#
51	0.0	29.6	44.4#



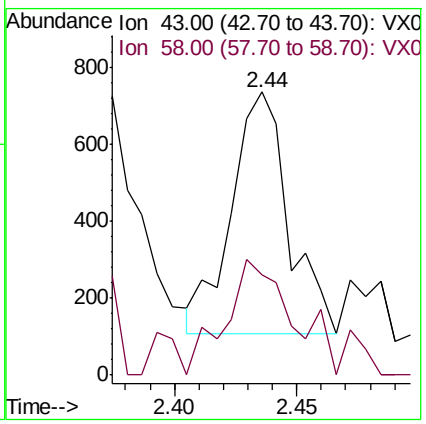


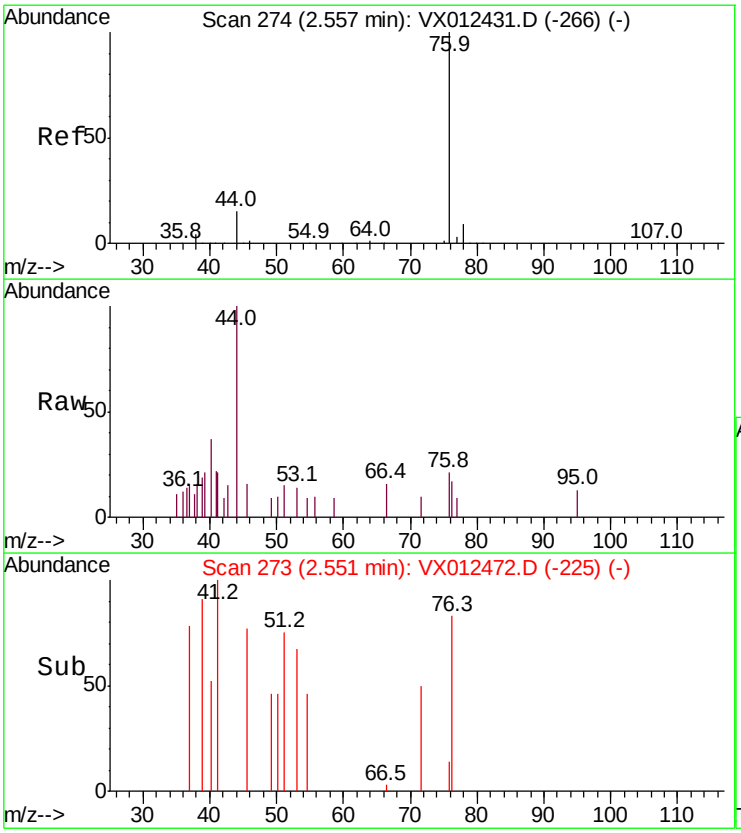
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 43 Resp: 1021

Ion	Ratio	Lower	Upper
43	100		
58	41.5	23.3	34.9#

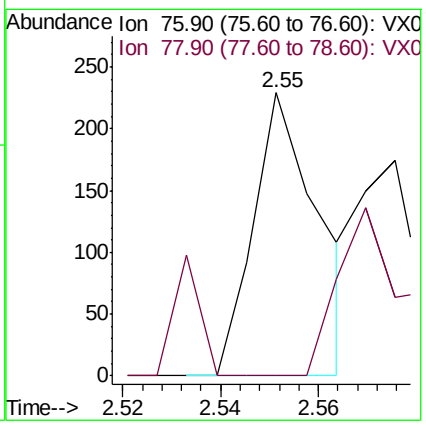


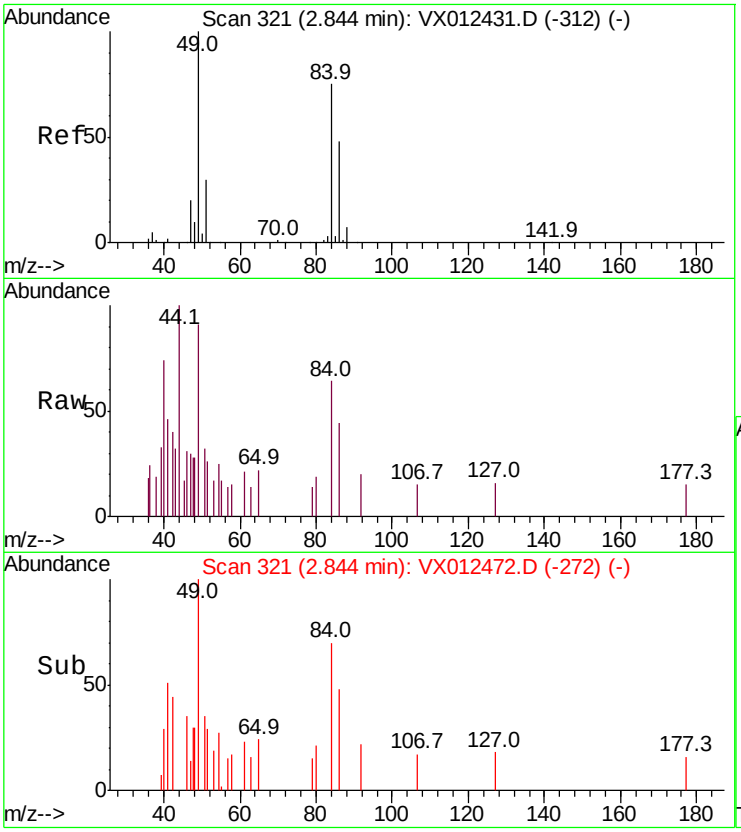


#17
Carbon Disulfide
Concen: 1.927 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 76 Resp: 211

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



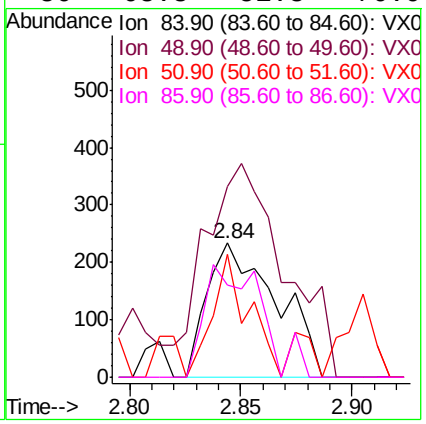


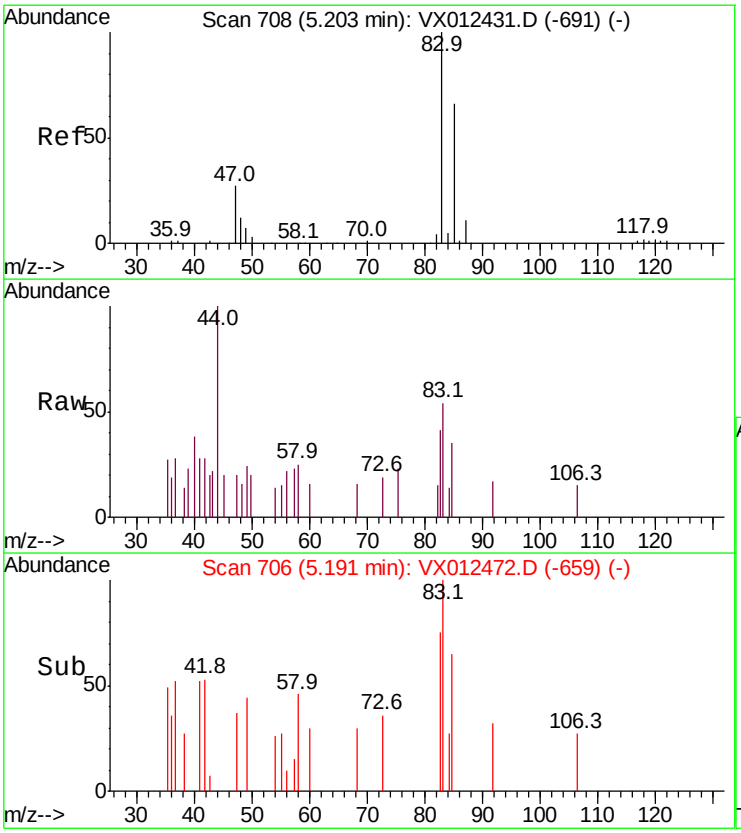
#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument : MSVOA_X
ClientSampleId : RE131D3-20190910DL

Tgt Ion: 84 Resp: 505

Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.8	160.2
51	91.5	32.3	48.5#
86	68.8	51.3	76.9

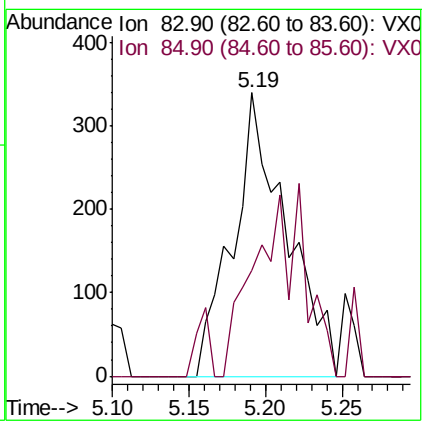


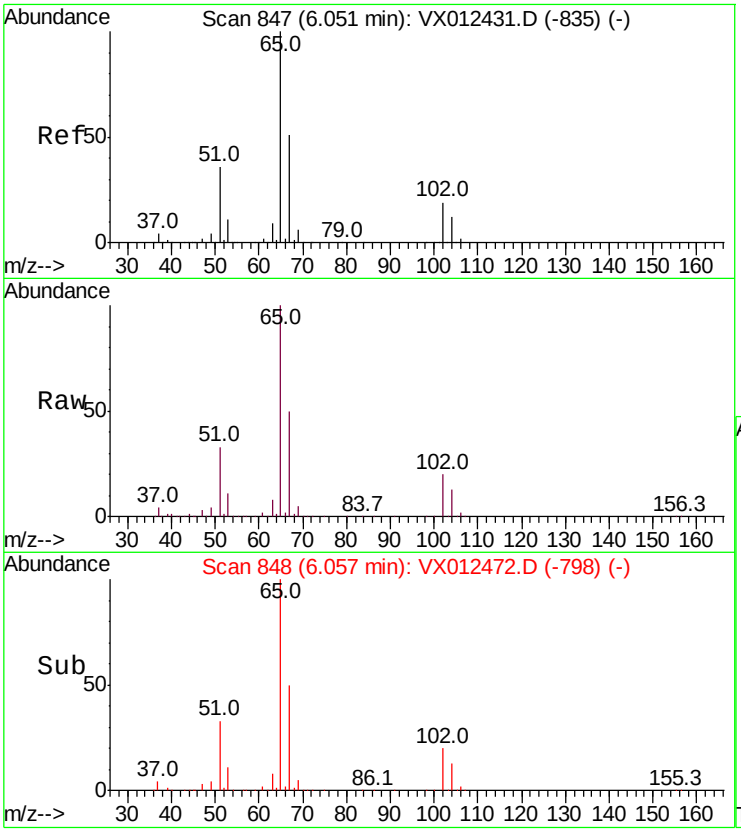


#30
Chloroform
Concen: 0.232 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 83 Resp: 831

Ion	Ratio	Lower	Upper
83	100		
85	37.4	53.0	79.4#



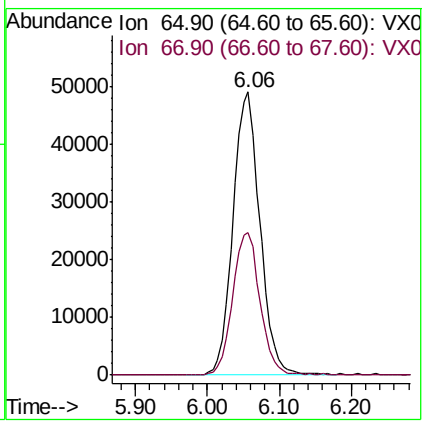


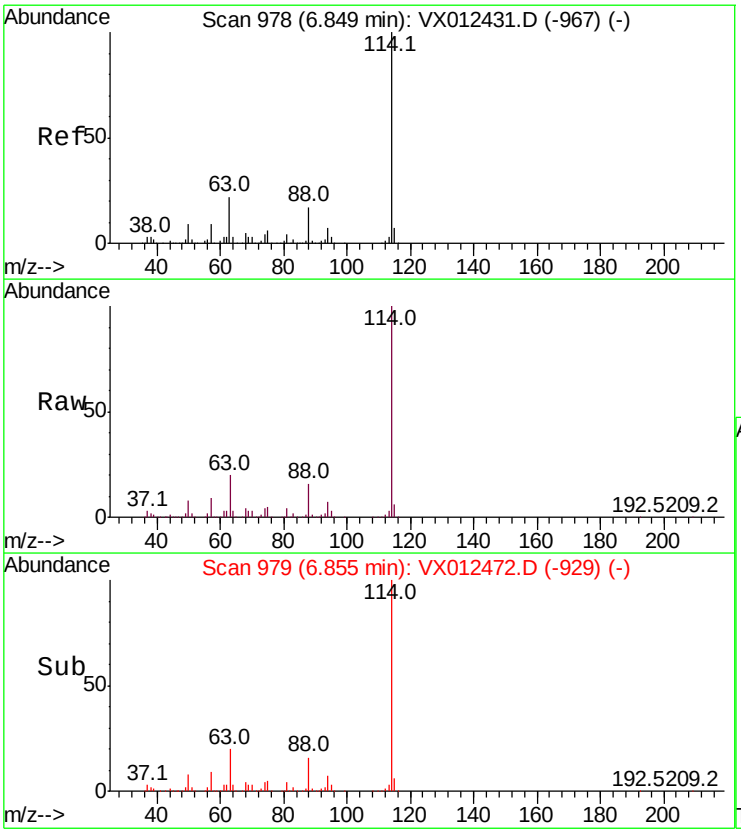
#33
1,2-Dichloroethane-d4
Concen: 46.689 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 65 Resp: 127283

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.2

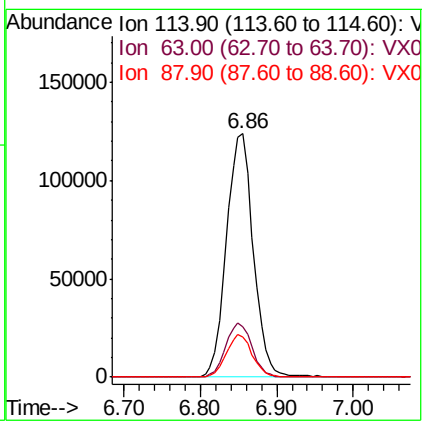


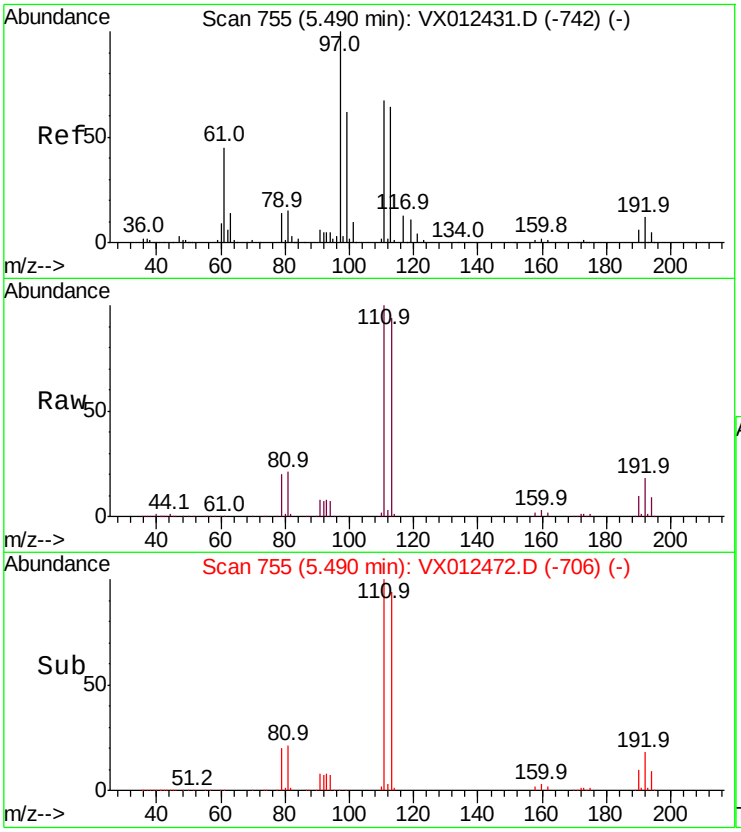


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:114 Resp: 300505

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	16.3	0.0	33.2



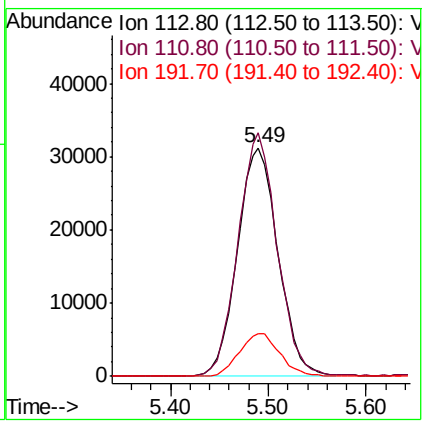


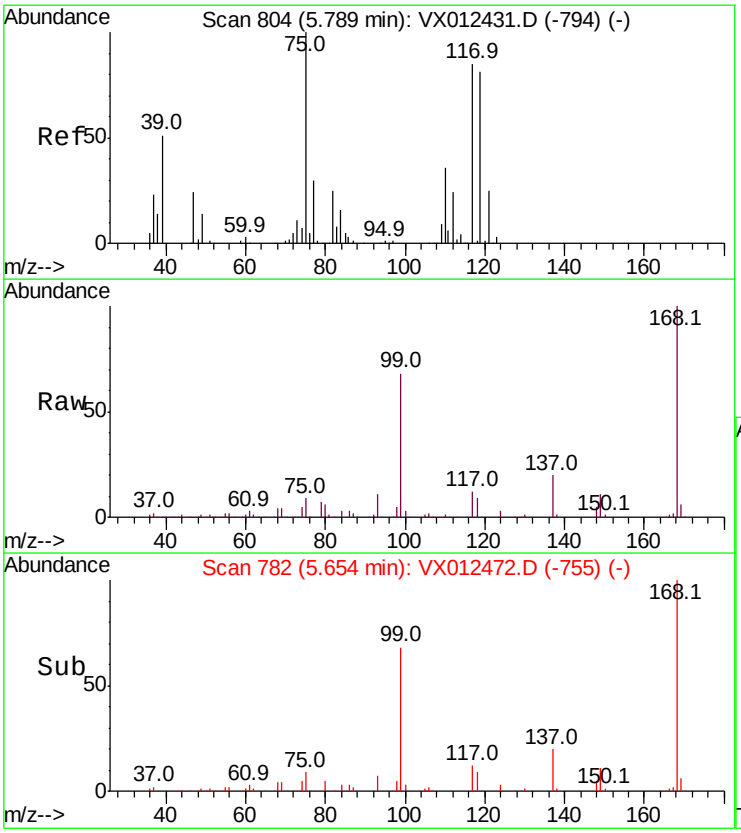
#35
Dibromofluoromethane
Concen: 49.429 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion:113 Resp: 89904

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.9	14.4	21.6

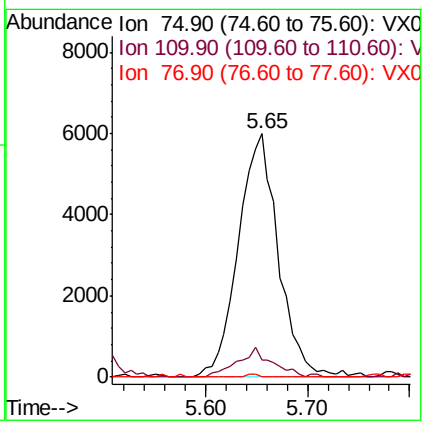


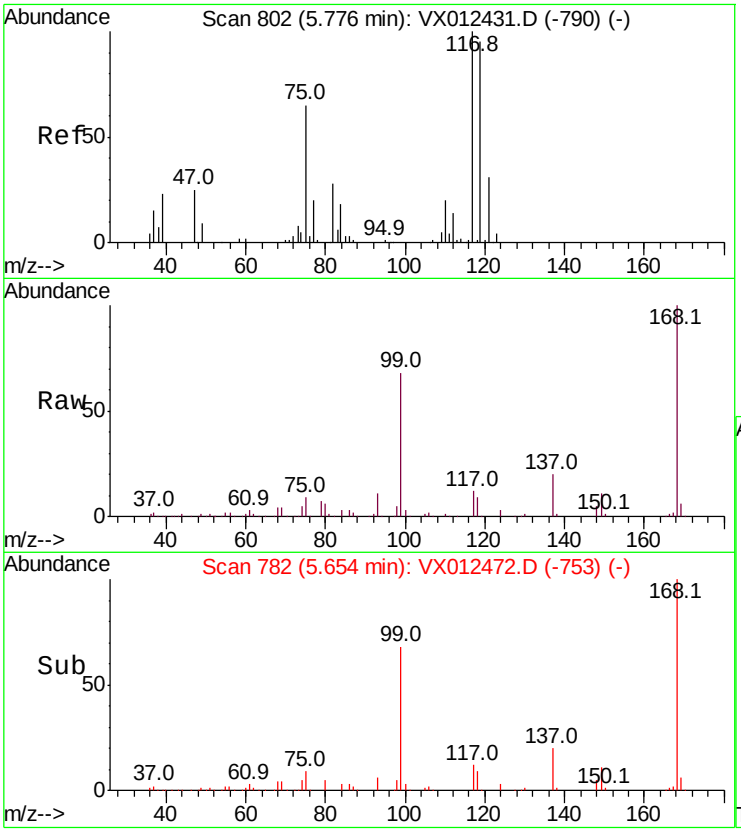


#36
1,1-Dichloropropene
Concen: 8.913 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 75 Resp: 16278

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.7	50.0#
77	0.3	24.2	36.2#



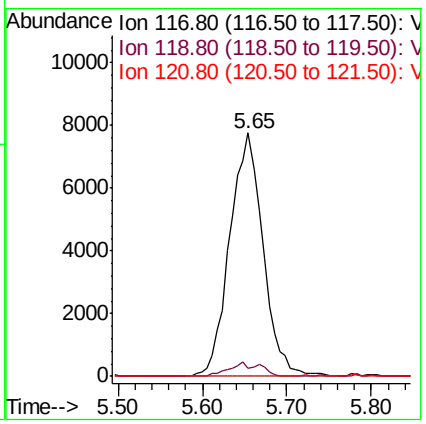


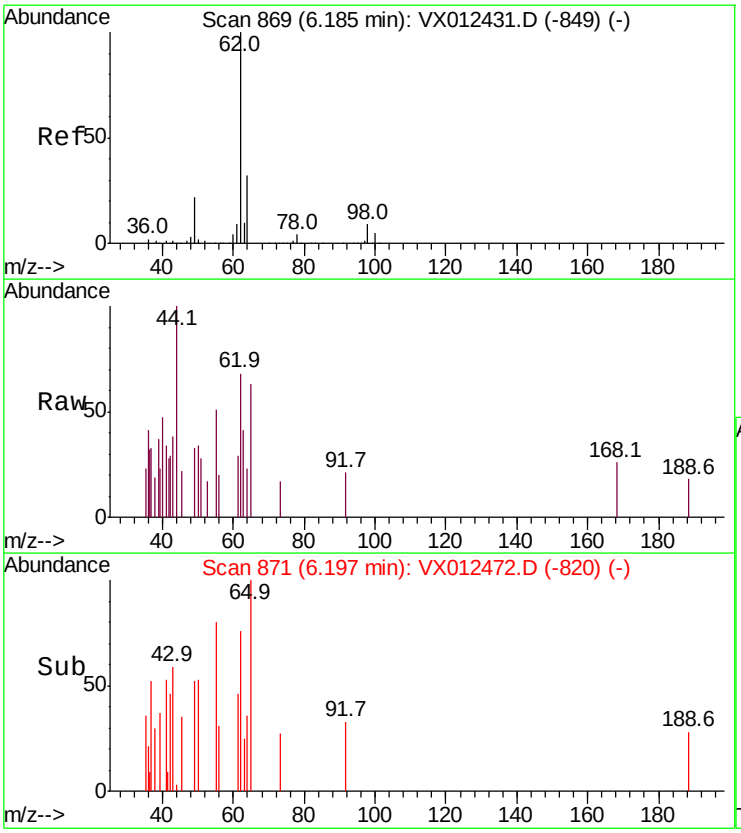
#38
Carbon Tetrachloride
Concen: 9.110 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument : MSVOA_X
ClientSampleId : RE131D3-20190910DL

Tgt Ion:117 Resp: 20692

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.7	113.5#
121	0.0	24.2	36.4#

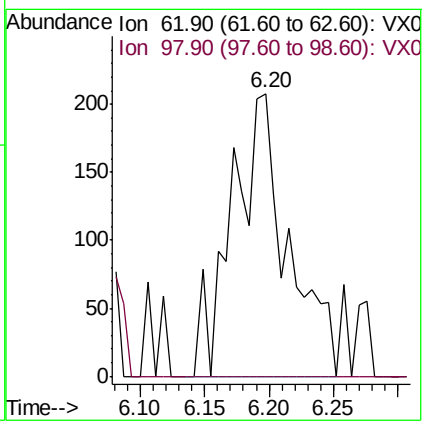


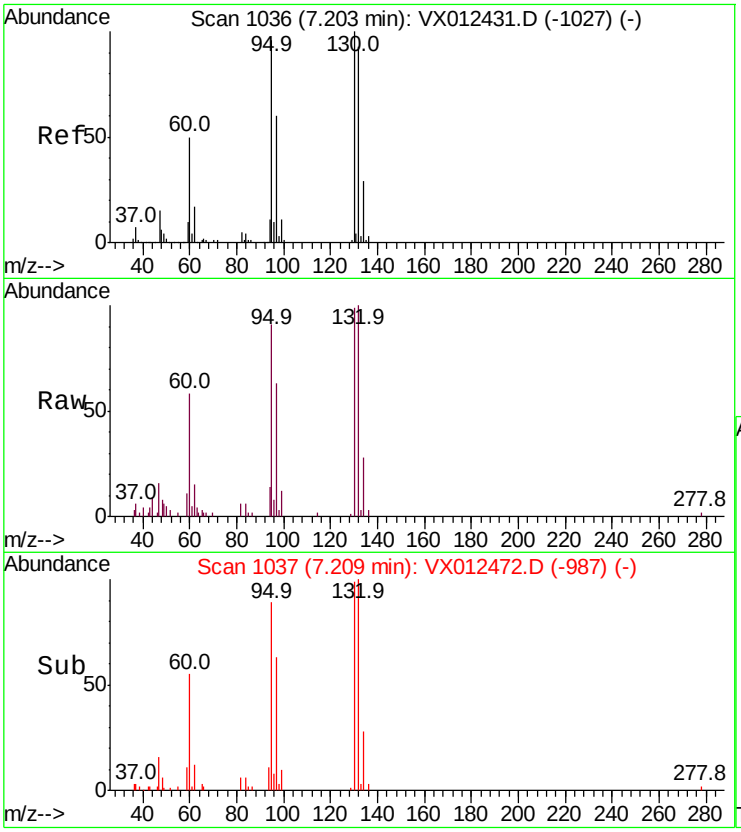


#42
1,2-Dichloroethane
Concen: 0.230 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 62 Resp: 619

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



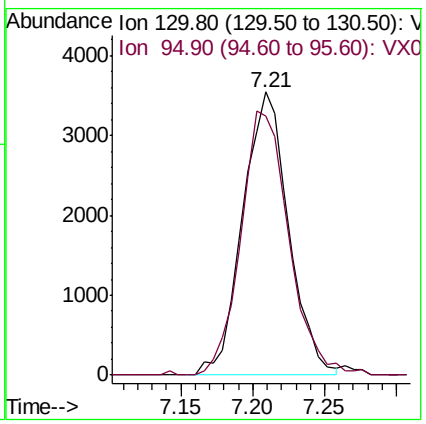


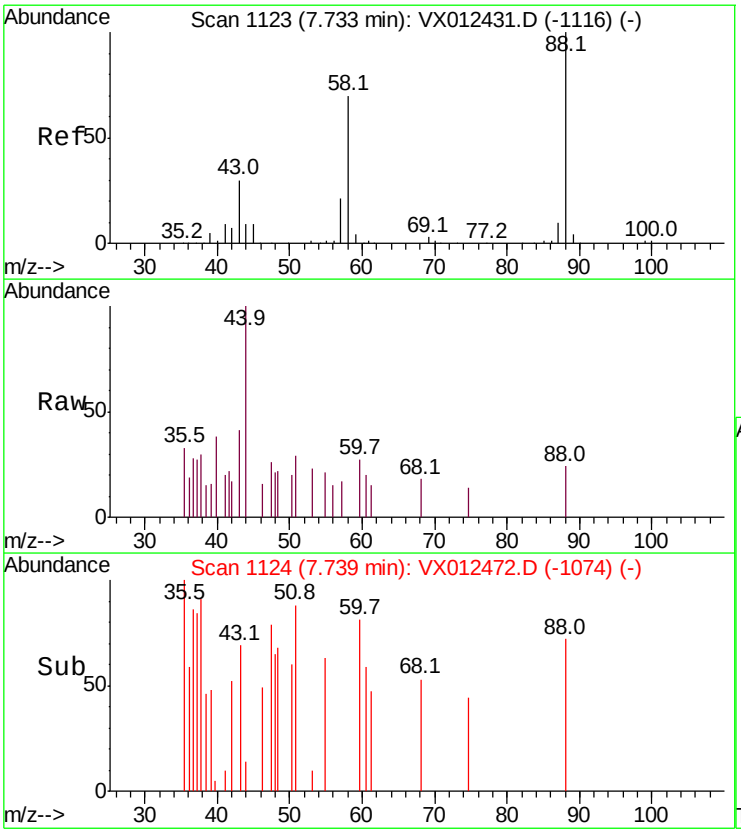
#44
Trichloroethene
Concen: 5.117 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion:130 Resp: 7818

Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	193.0

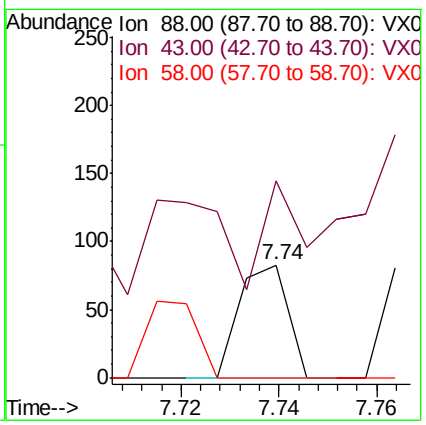


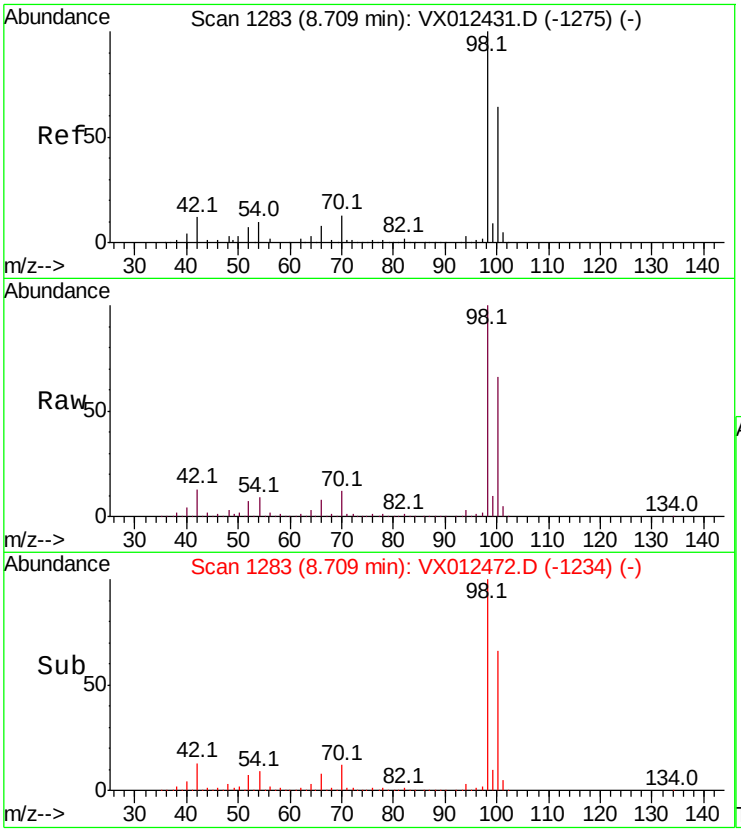


#49
1,4-Dioxane
Concen: 0.987 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
43	73.7	29.4	44.0#
58	0.0	57.5	86.3#



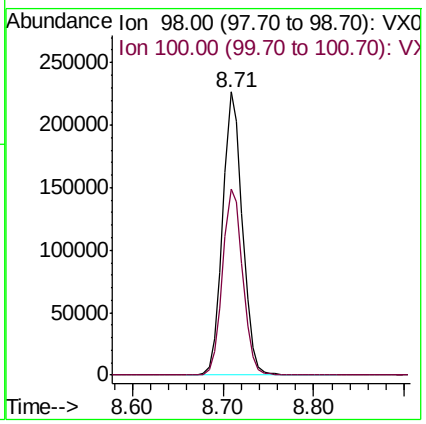


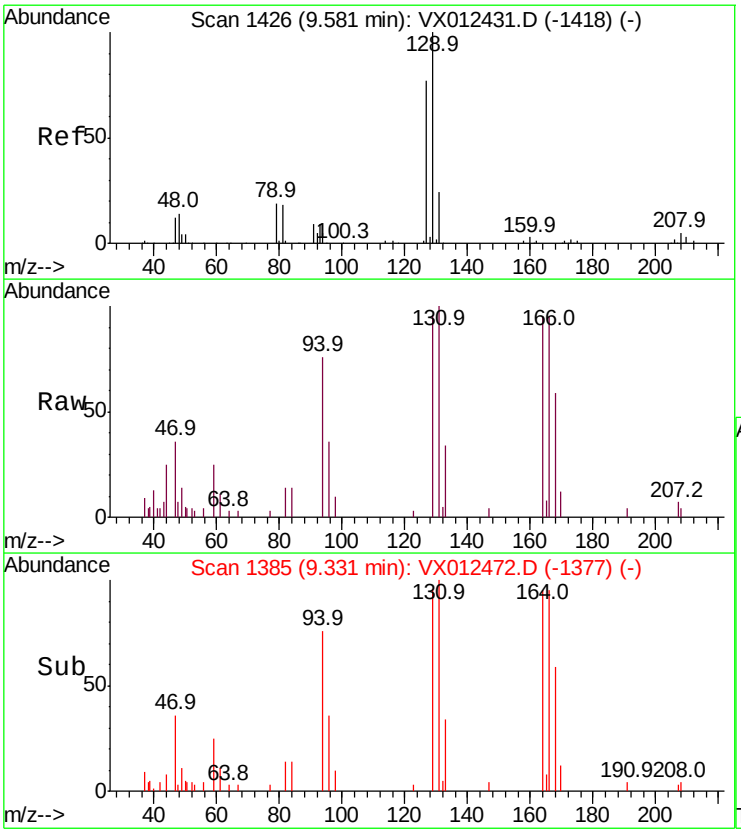
#50
Toluene-d8
Concen: 51.016 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument : MSVOA_X
ClientSampleId : RE131D3-20190910DL

Tgt Ion: 98 Resp: 343455

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2

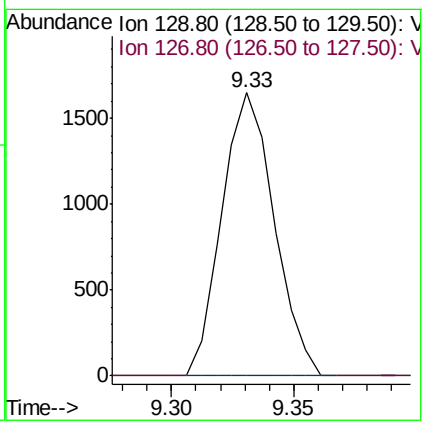


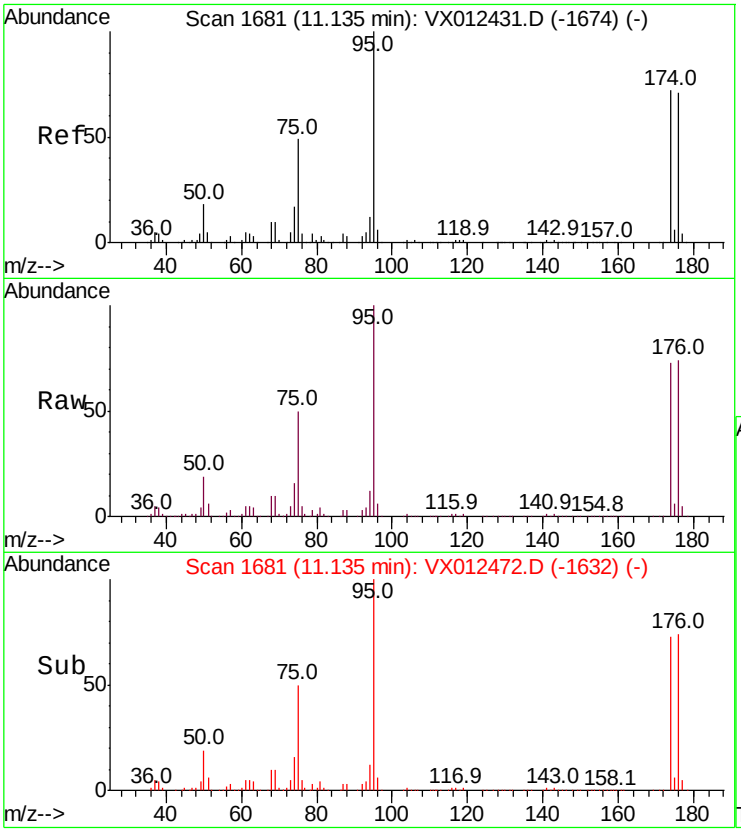


#60
Dibromochloromethane
Concen: 1.252 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:129 Resp: 2459

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



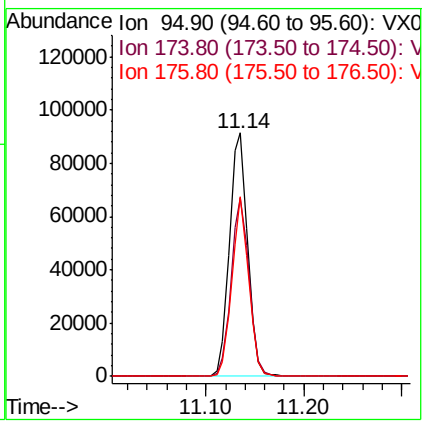


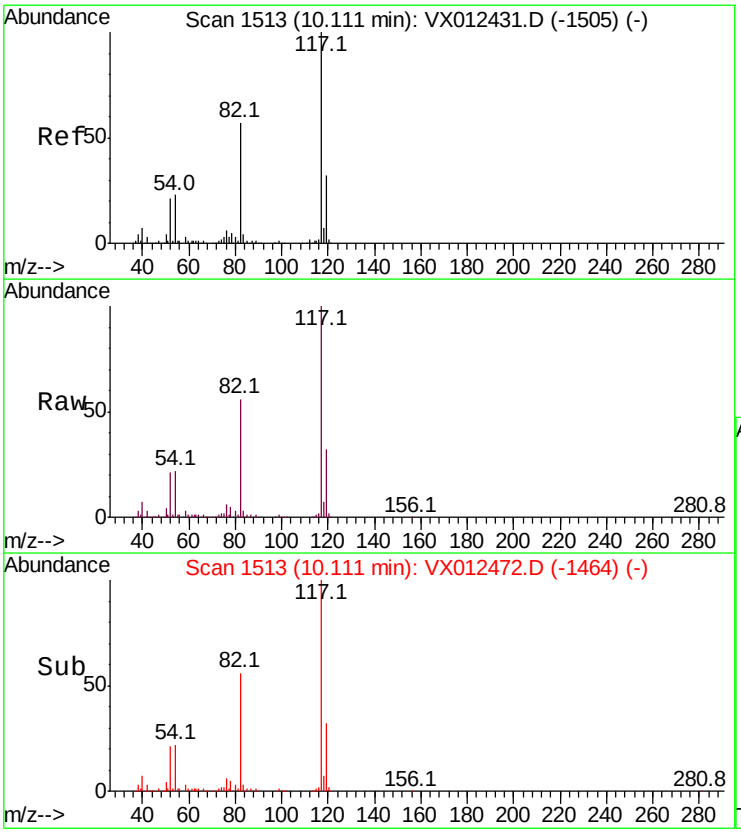
#62
4-Bromofluorobenzene
Concen: 42.293 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 95 Resp: 118223

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	140.0
176	68.1	0.0	135.4

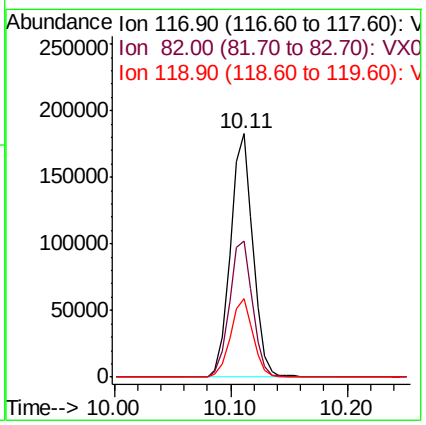


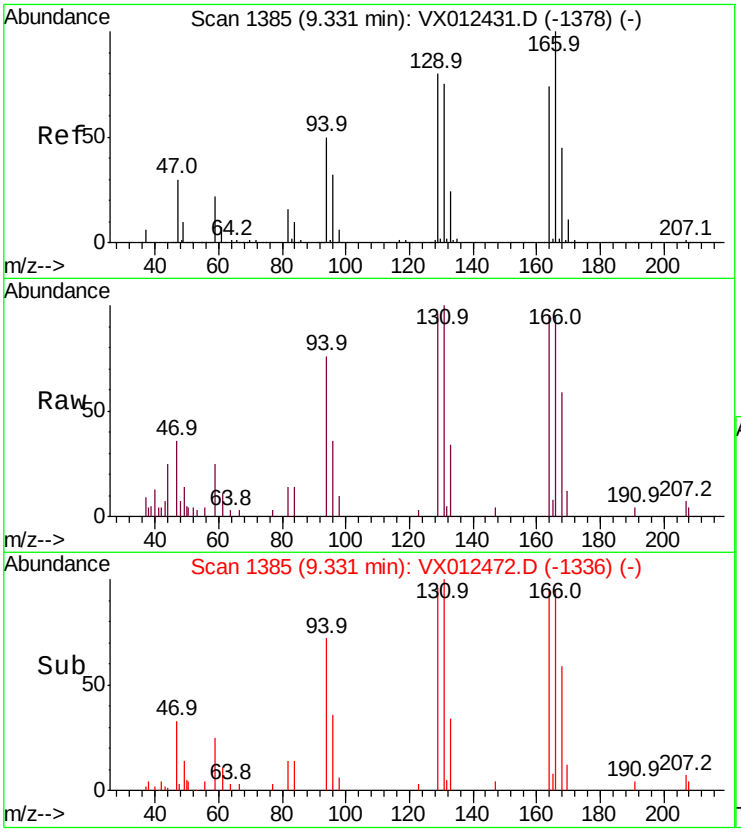


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:117 Resp: 245774

Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.9	68.9
119	32.1	25.3	37.9



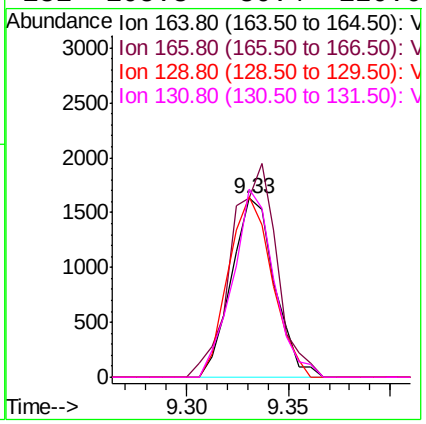


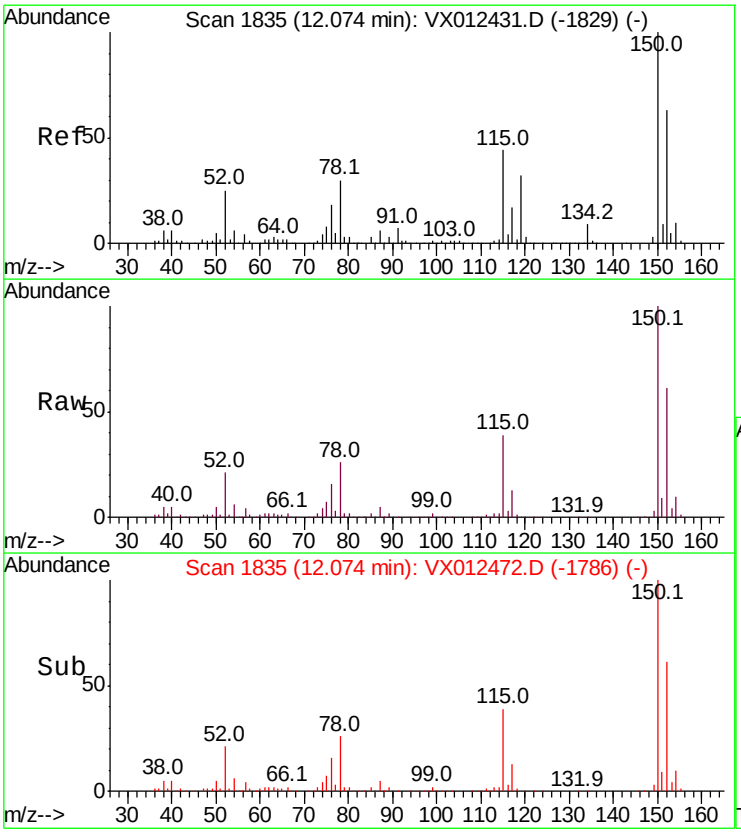
#64
Tetrachloroethene
Concen: 2.130 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion:164 Resp: 2399

Ion	Ratio	Lower	Upper
164	100		
166	100.0	107.8	161.6#
129	101.2	86.2	129.2
131	105.3	80.4	120.6

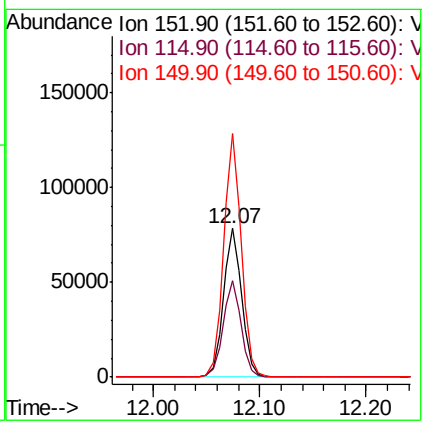


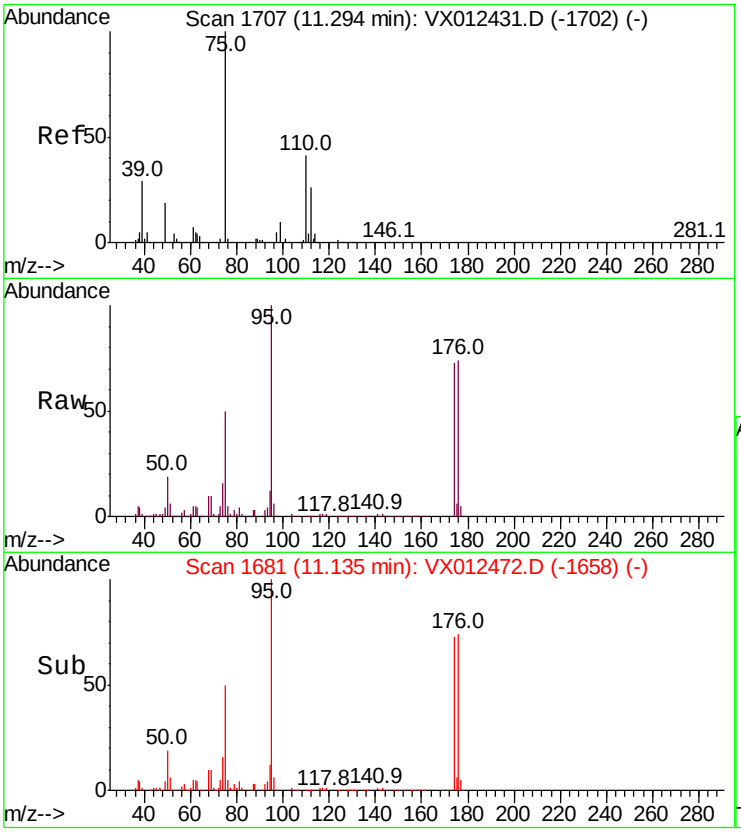


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion:152 Resp: 93579

Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.1	132.3
150	158.9	0.0	343.8



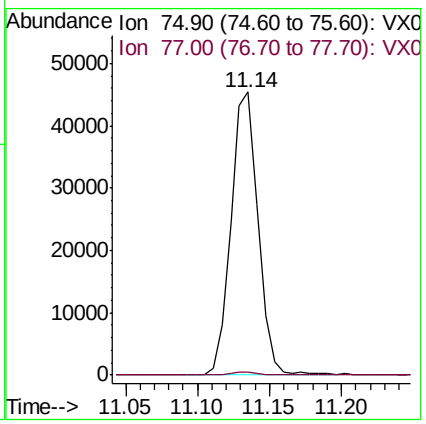


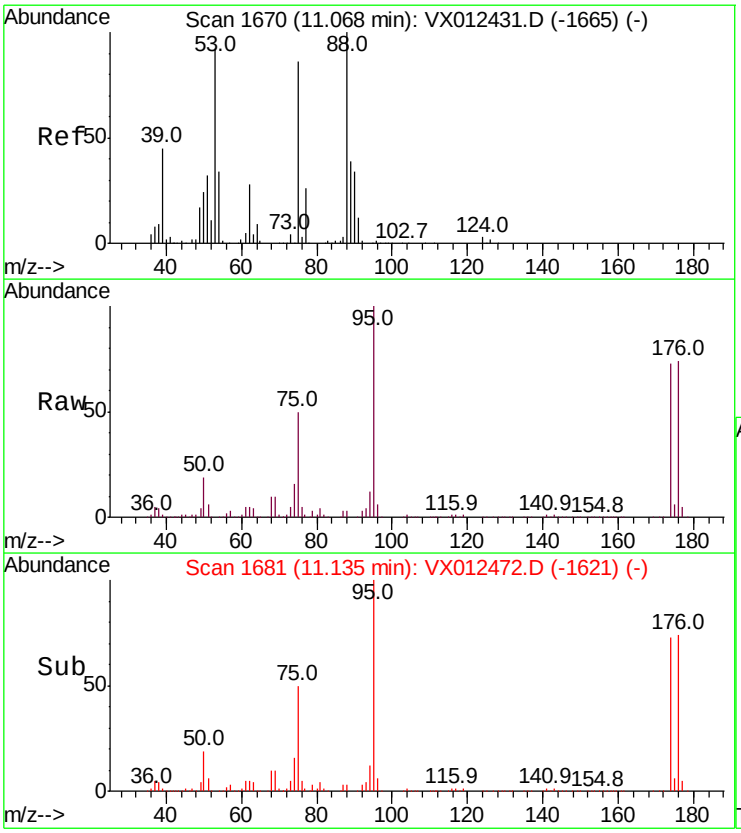
#76
1,2,3-Trichloropropane
Concen: 27.824 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190910DL

Tgt Ion: 75 Resp: 59811

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.755 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012472.D
Acq: 18 Sep 2019 14:37

Tgt Ion: 75 Resp: 59811

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