Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091819\
Data File : VX012469.D
Acq On : 18 Sep 2019 13:27
Operator : JC/SP
Sample : K4858-15DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190910DL

Quant Time: Sep 19 06:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	130864	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
35) Dibromofluoromethane	5.49	113	90673	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	356150	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.80%			
62) 4-Bromofluorobenzene	11.14	95	135775	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	222	0.559	ug/l #	43
5) Bromomethane	1.63	94	341	0.742	ug/l #	44
8) Diethyl Ether	2.20	74	210	0.217	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	2.36	101	18218	11.746	ug/l	99
10) Methyl Iodide	2.50	142	554	4.821	ug/l #	88
11) Tert butyl alcohol	3.00	59	14502	14.750	ug/l #	75
12) 1,1-Dichloroethene	2.35	96	524	0.424	ug/l #	55
13) Acrolein	2.26	56	136	Below Cal	#	15
16) Acetone	2.45	43	1505	Below Cal	#	89
17) Carbon Disulfide	2.55	76	267	1.954	ug/l #	75
20) Methylene Chloride	2.83	84	727	0.426	ug/l #	58
21) trans-1,2-Dichloroethene	3.15	96	268	0.209	ug/l #	33
27) cis-1,2-Dichloroethene	4.60	96	1279	0.666	ug/l #	1
30) Chloroform	5.20	83	1028	0.277	ug/l #	59
31) Cyclohexane	5.64	56	4805	2.467	ug/l #	10
36) 1,1-Dichloropropene	5.64	75	16633	8.934	ug/l #	53
38) Carbon Tetrachloride	5.65	117	21043	9.088	ug/l #	17
39) Methylcyclohexane	7.21	83	1226	0.677	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	556	0.202	ug/l #	75
44) Trichloroethene	7.20	130	83120	53.375	ug/l	98
49) 1,4-Dioxane	7.80	88	20	0.340	ug/l #	1
60) Dibromochloromethane	9.33	129	1810	0.904	ug/l #	11
64) Tetrachloroethene	9.33	164	1946	1.599	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	69645	25.849	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	69645	69.666	ug/l #	8

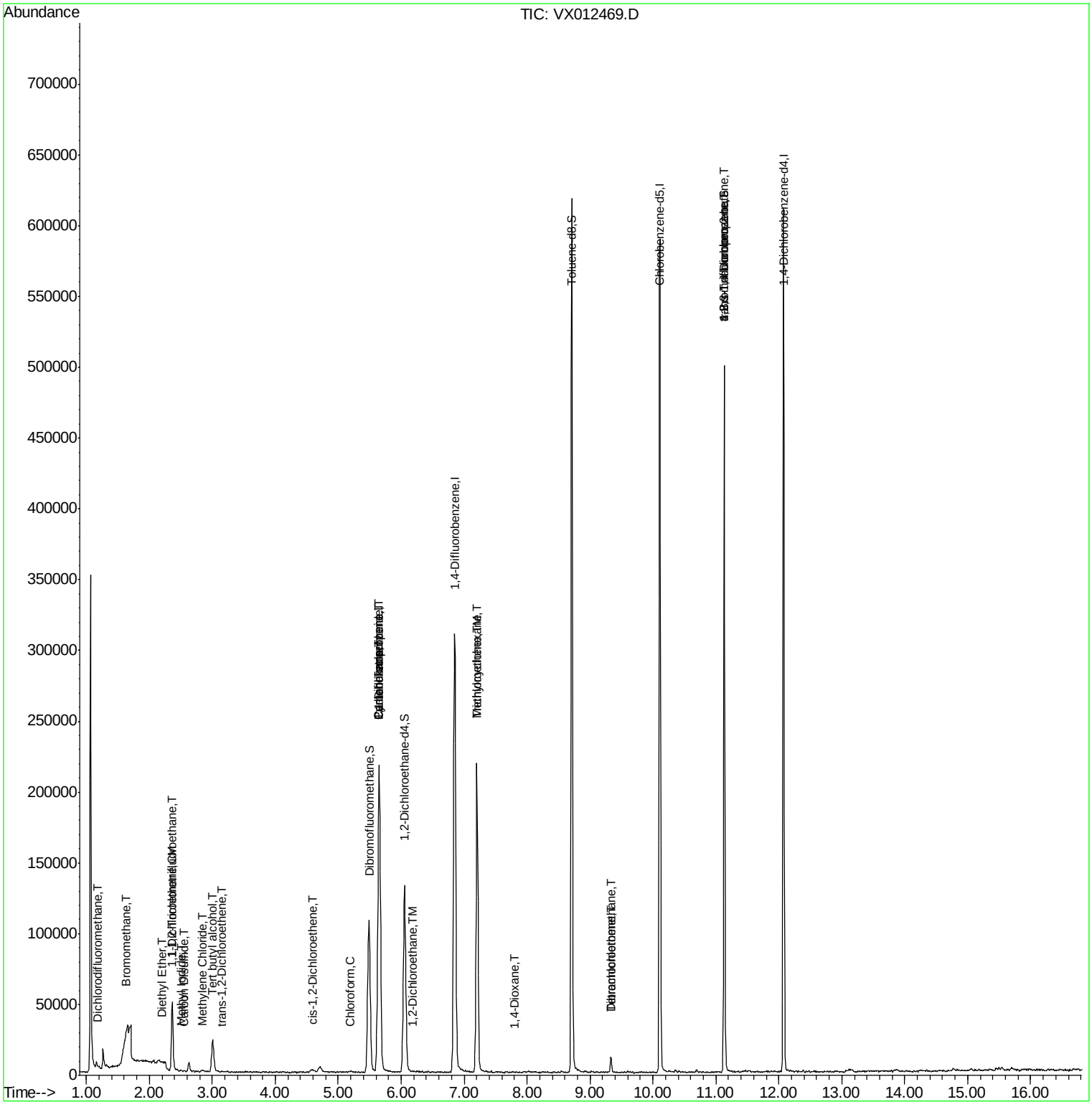
(#) = qualifier out of range (m) = manual integration (+) = signals summed

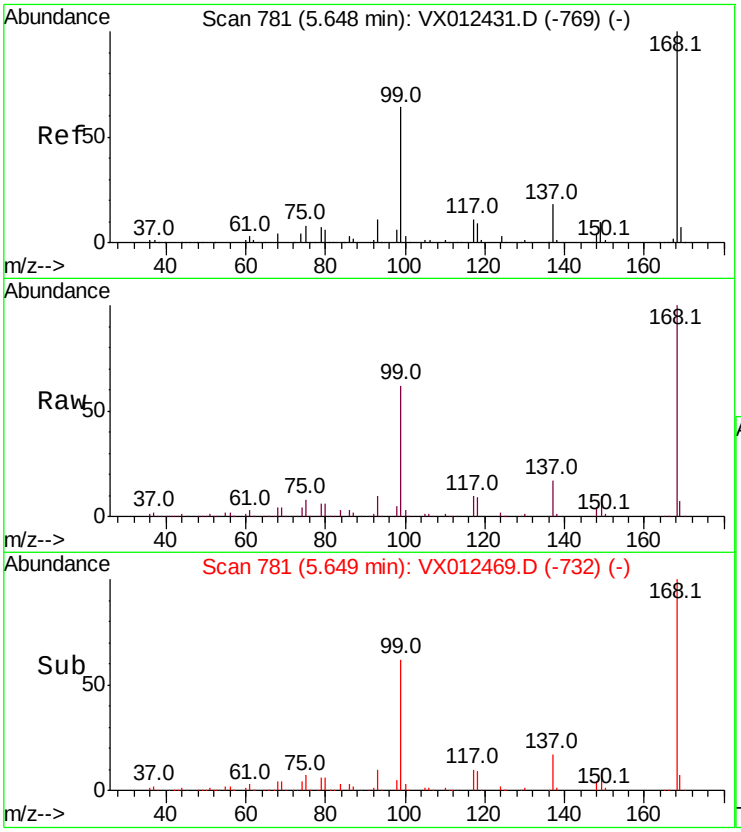
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012469.D
Acq On : 18 Sep 2019 13:27
Operator : JC/SP
Sample : K4858-15DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Quant Time: Sep 19 06:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



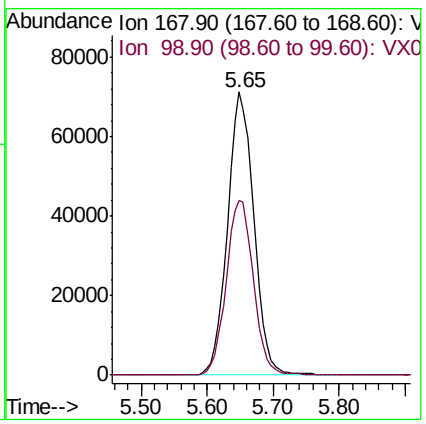


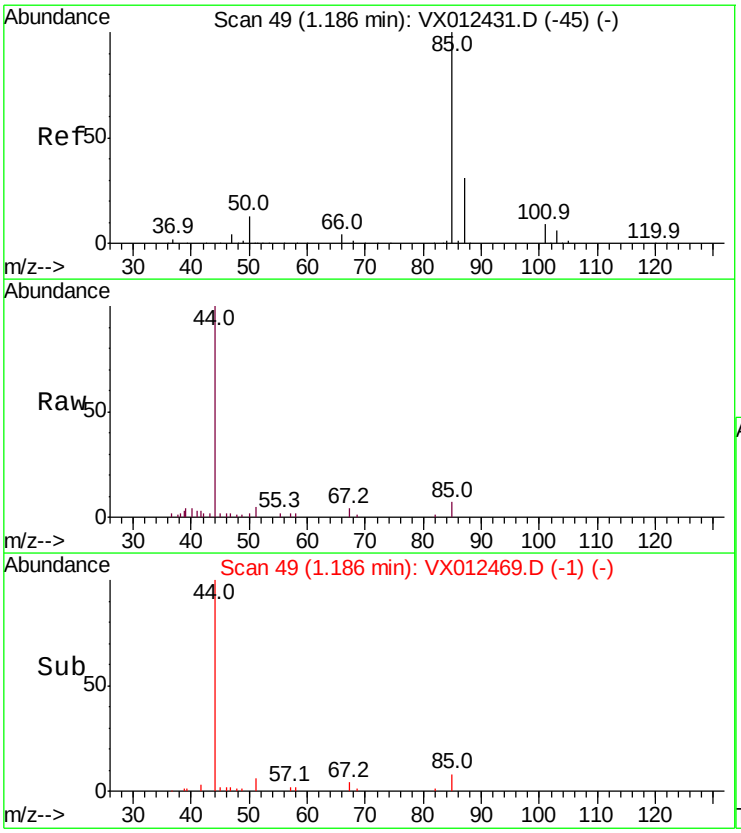
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion:168 Resp: 196794

Ion	Ratio	Lower	Upper
168	100		
99	61.6	51.4	77.2

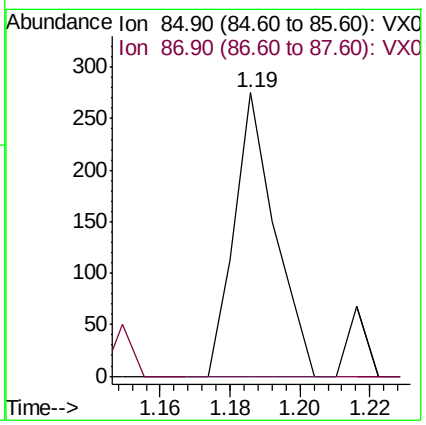


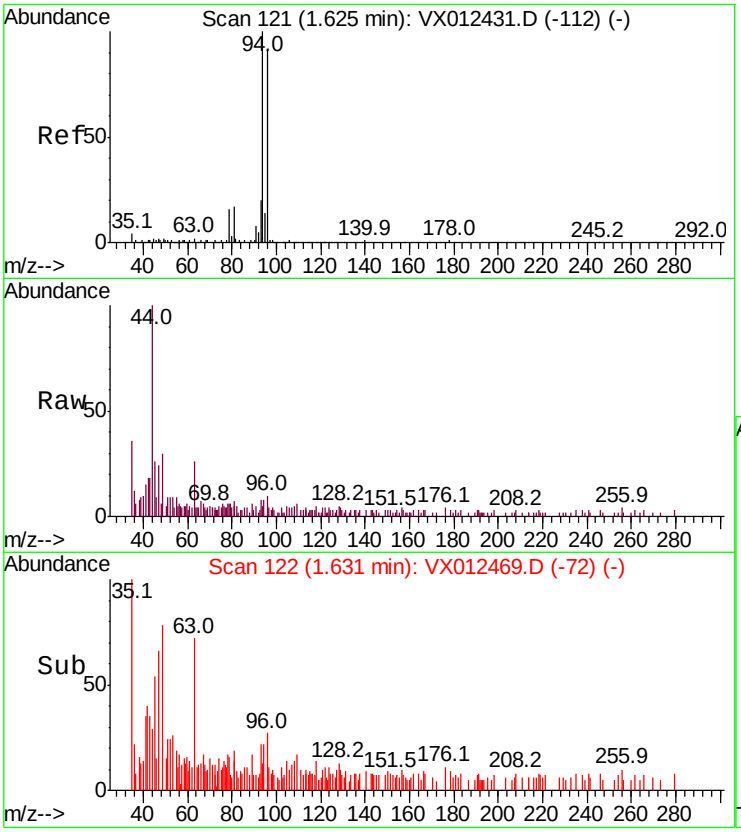


#2
Dichlorodifluoromethane
Concen: 0.559 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 85 Resp: 222

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



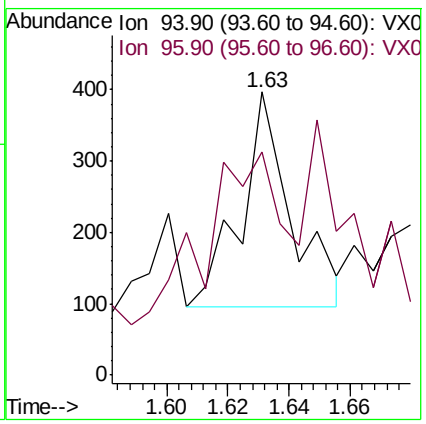


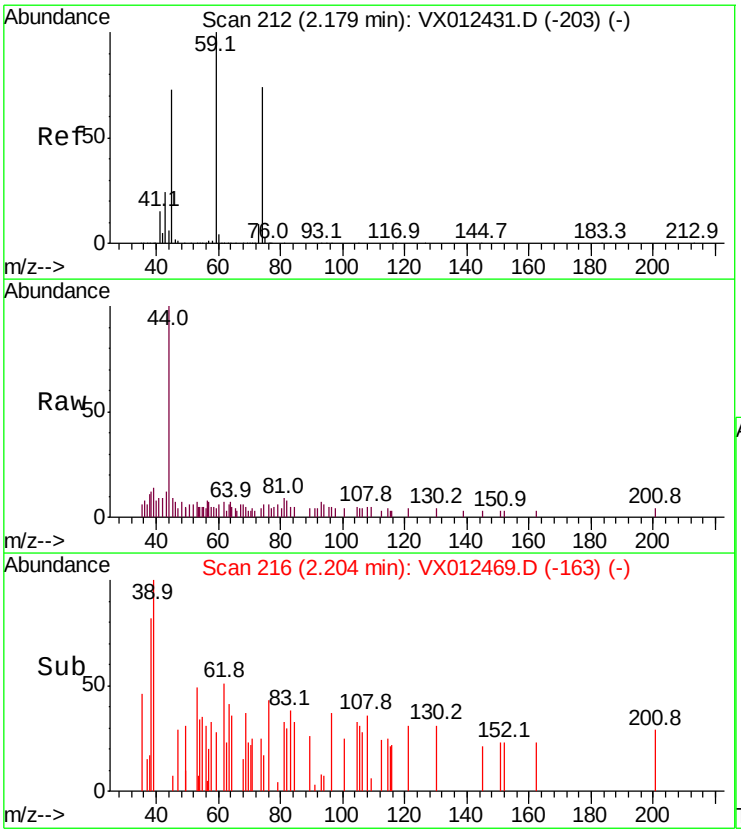
#5
Bromomethane
Concen: 0.742 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 94 Resp: 341

Ion	Ratio	Lower	Upper
94	100		
96	37.5	72.8	109.2#

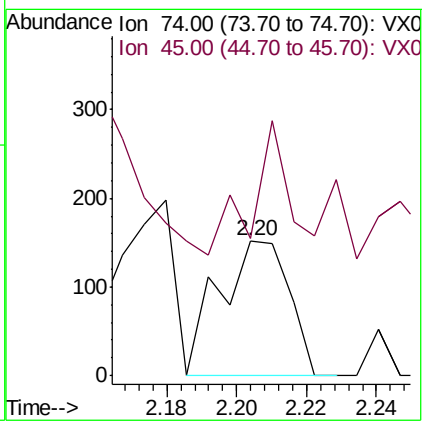


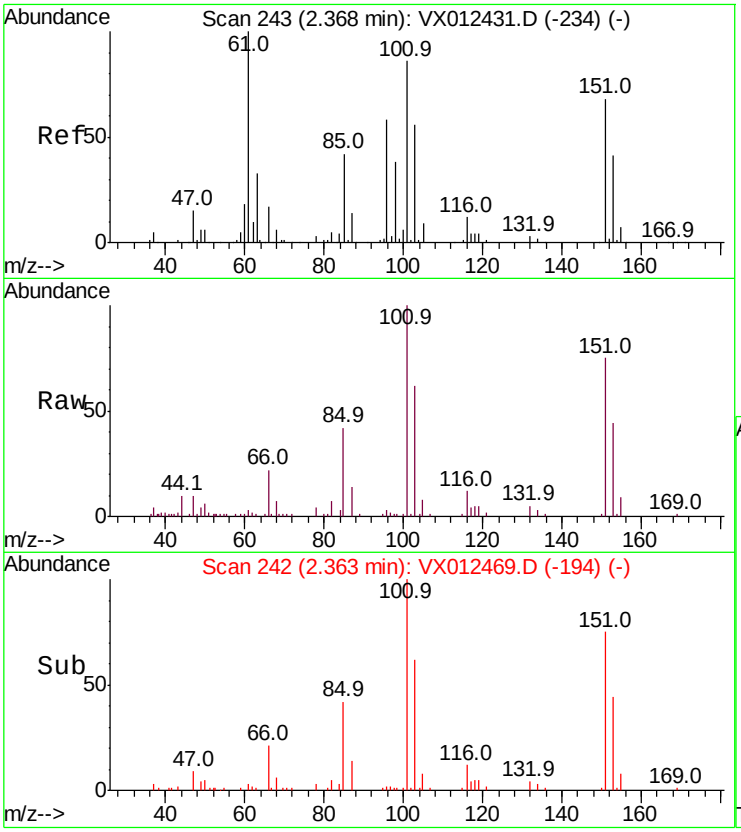


#8
Diethyl Ether
Concen: 0.217 ug/l
RT: 2.20 min Scan# 216
Delta R.T. 0.02 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 74 Resp: 210

Ion	Ratio	Lower	Upper
74	100		
45	51.9	49.9	149.7



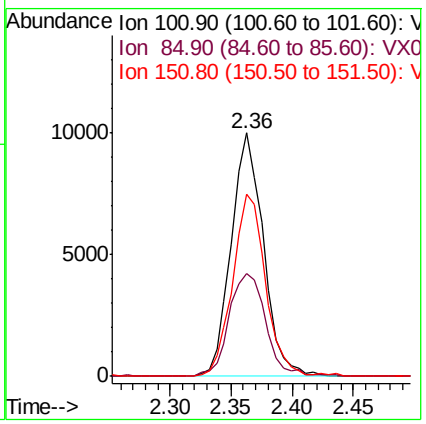


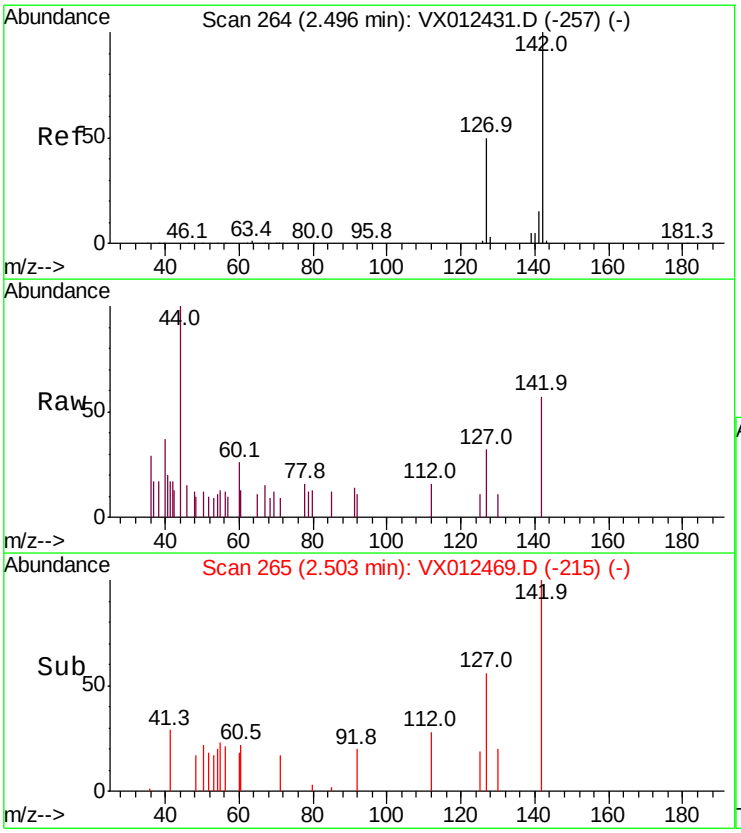
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.746 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion:101 Resp: 18218

Ion	Ratio	Lower	Upper
101	100		
85	48.0	37.3	55.9
151	76.2	61.0	91.4

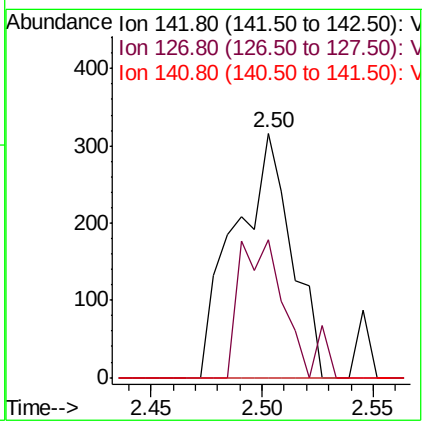


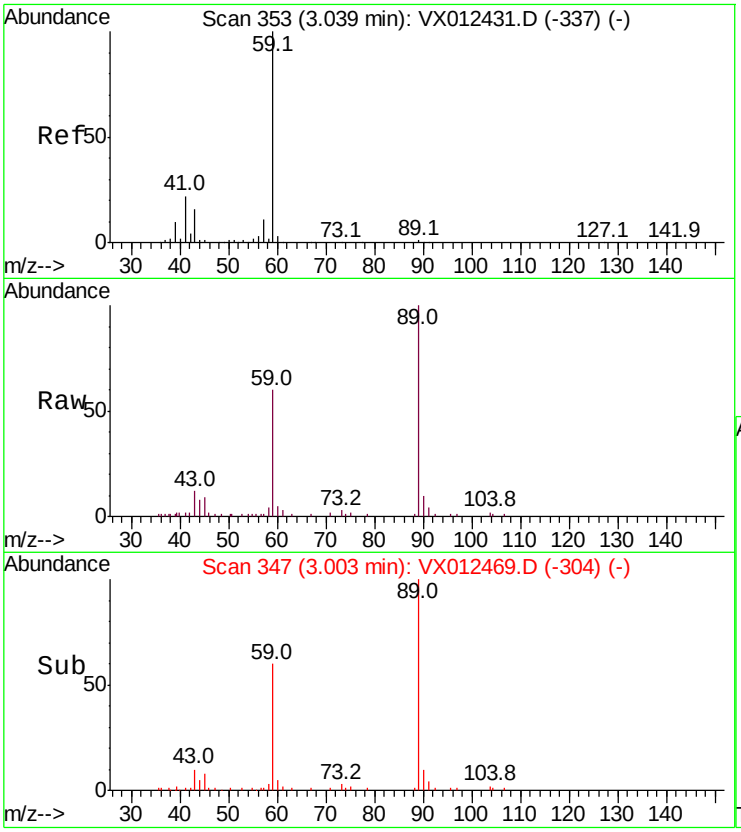


#10
Methyl Iodide
Concen: 4.821 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion:142 Resp: 554

Ion	Ratio	Lower	Upper
142	100		
127	47.3	40.8	61.2
141	0.0	12.1	18.1#



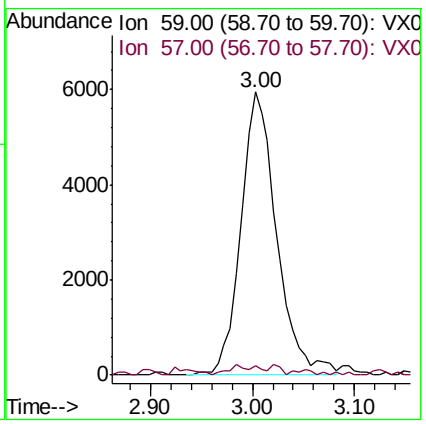


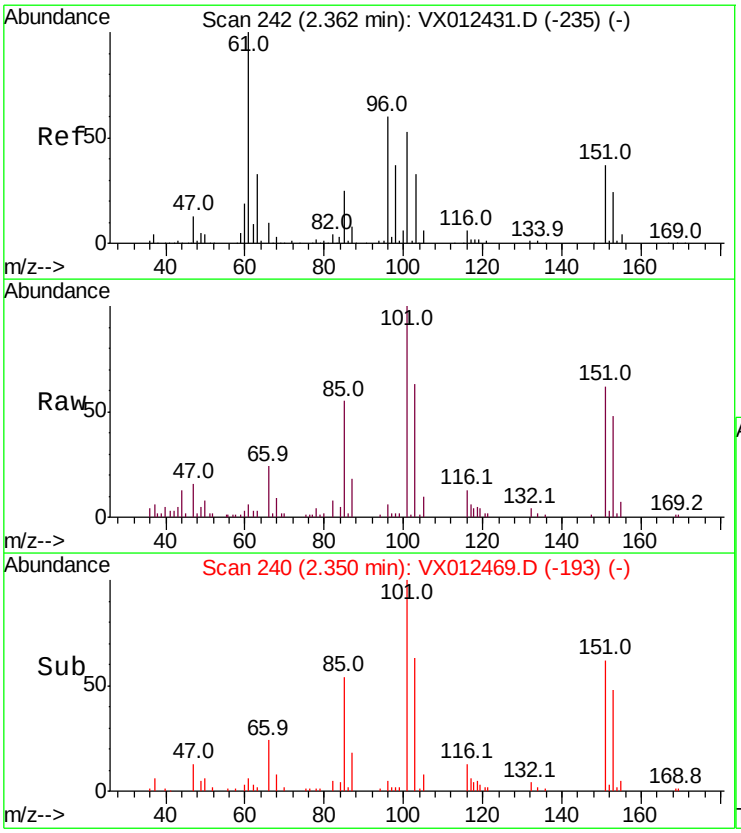
#11
Tert butyl alcohol
Concen: 14.750 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 59 Resp: 14502

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.3	12.5#

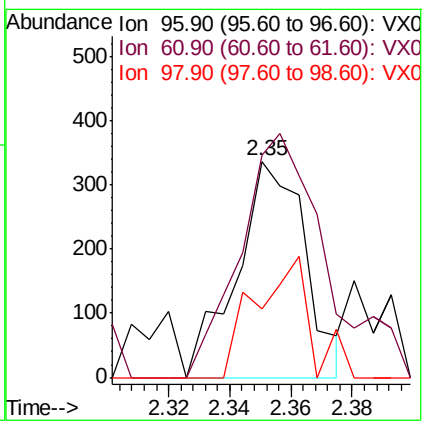


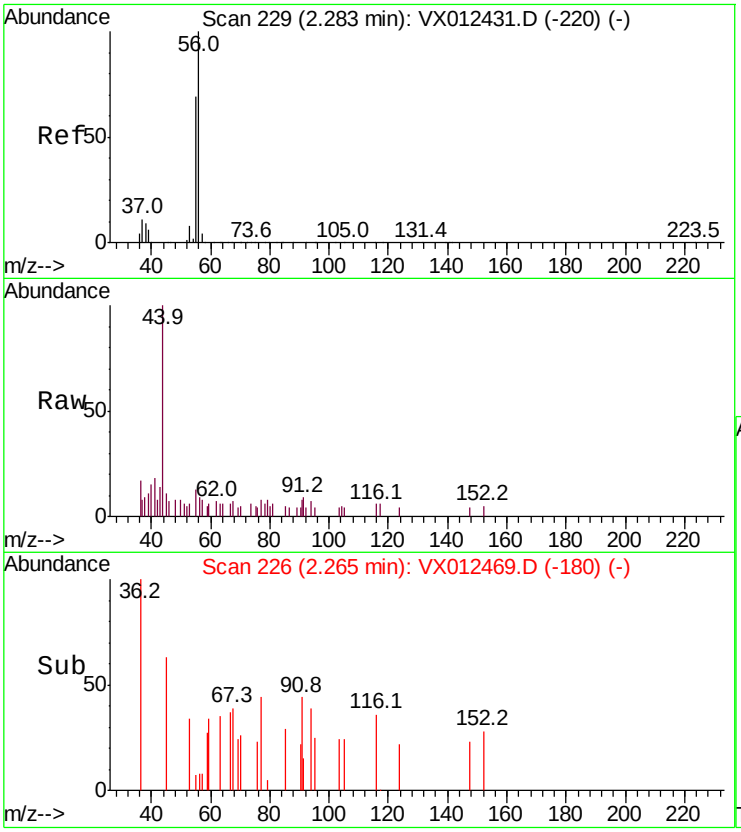


#12
1,1-Dichloroethene
Concen: 0.424 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 96 Resp: 524

Ion	Ratio	Lower	Upper
96	100		
61	103.0	133.8	200.6#
98	31.8	49.9	74.9#



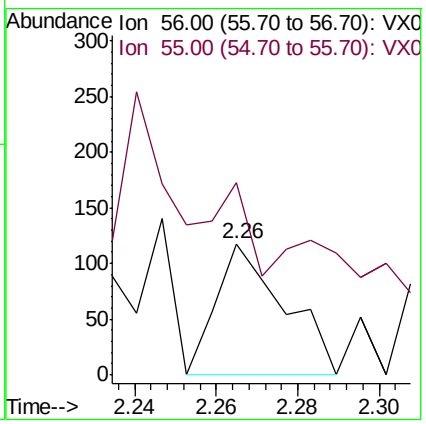


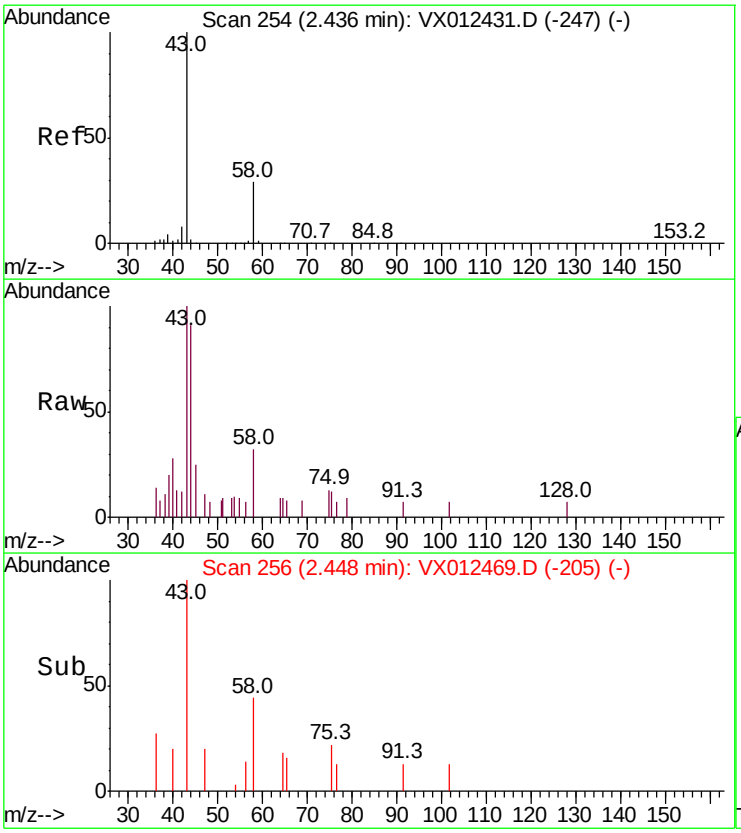
#13
Acrolein
Concen: Below Cal
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 56 Resp: 136

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#

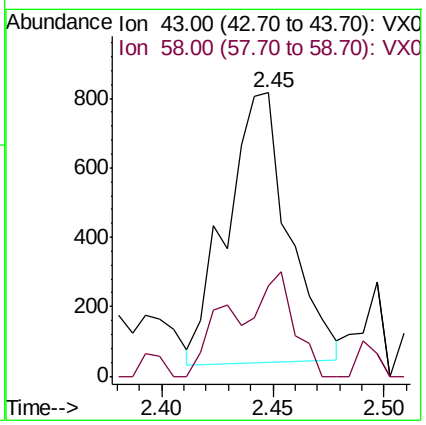


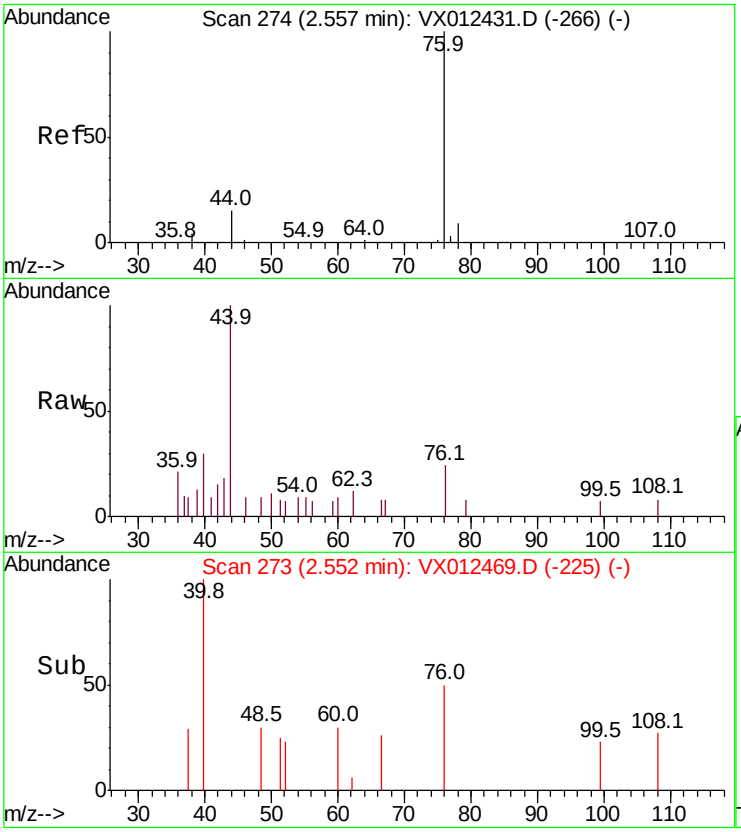


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 256
Delta R.T. 0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 43 Resp: 1505

Ion	Ratio	Lower	Upper
43	100		
58	35.0	23.3	34.9#



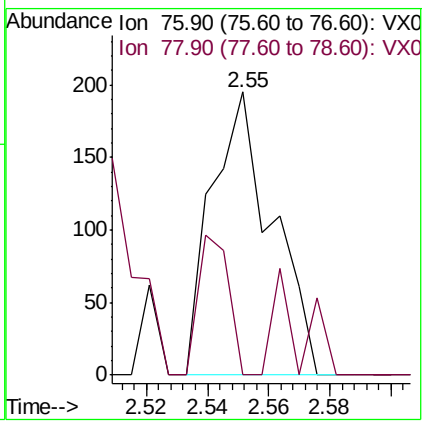


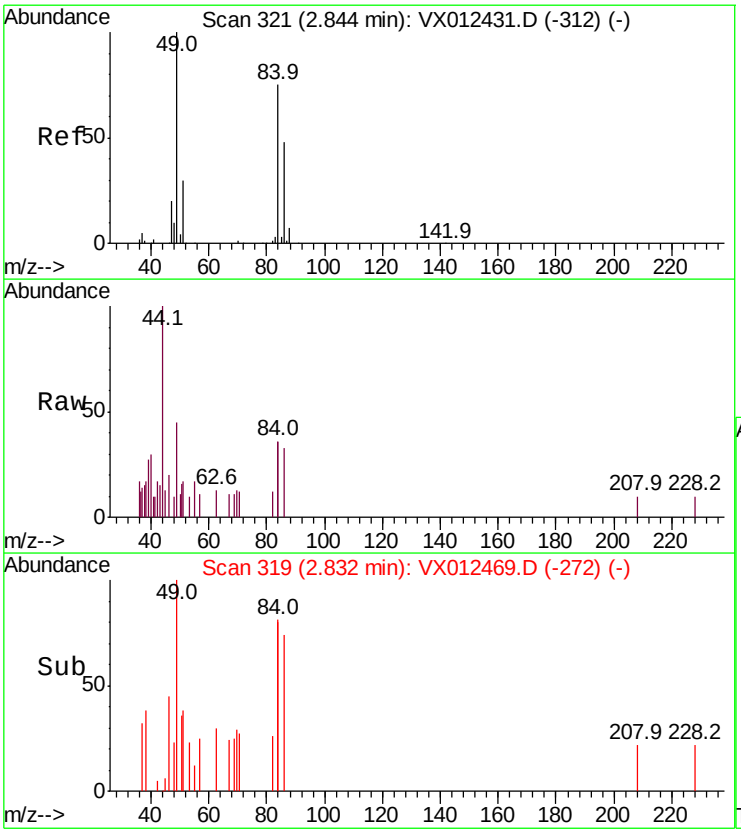
#17
Carbon Disulfide
Concen: 1.954 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 76 Resp: 267

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

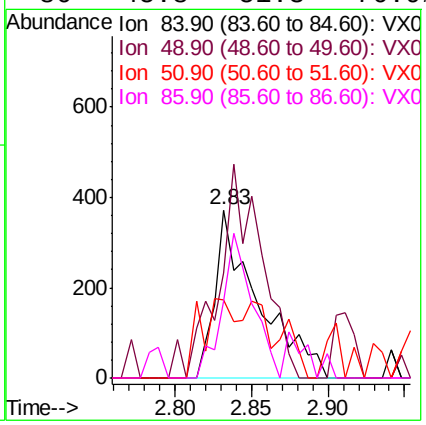


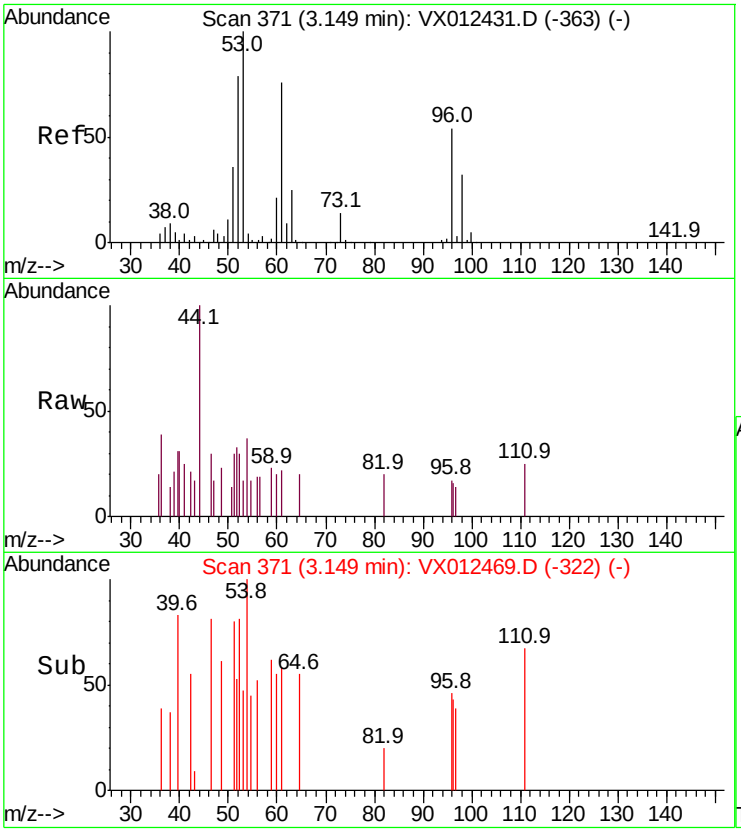


#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 84 Resp: 727

Ion	Ratio	Lower	Upper
84	100		
49	62.2	106.8	160.2#
51	46.4	32.3	48.5
86	45.8	51.3	76.9#



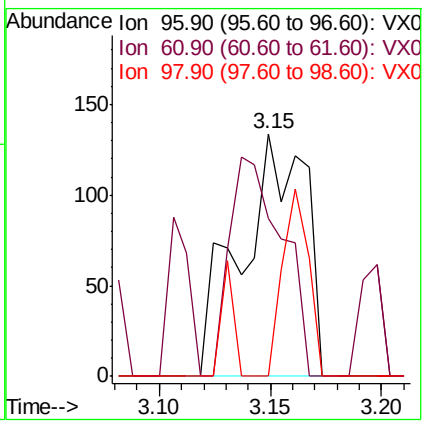


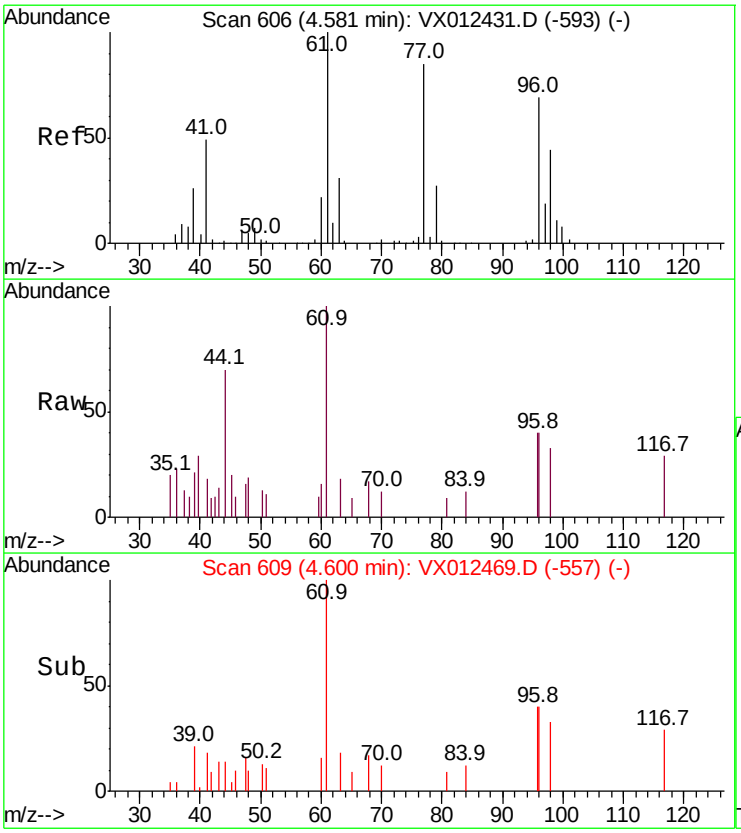
#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 96 Resp: 268

Ion	Ratio	Lower	Upper
96	100		
61	64.9	112.0	168.0#
98	0.0	47.8	71.8#

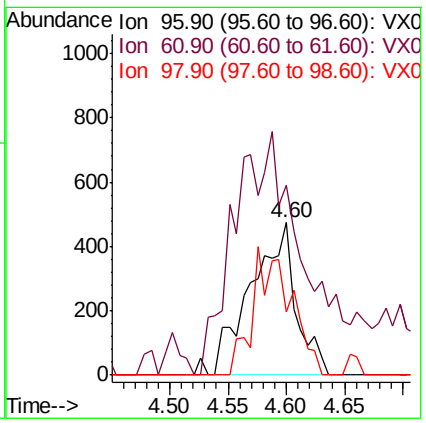


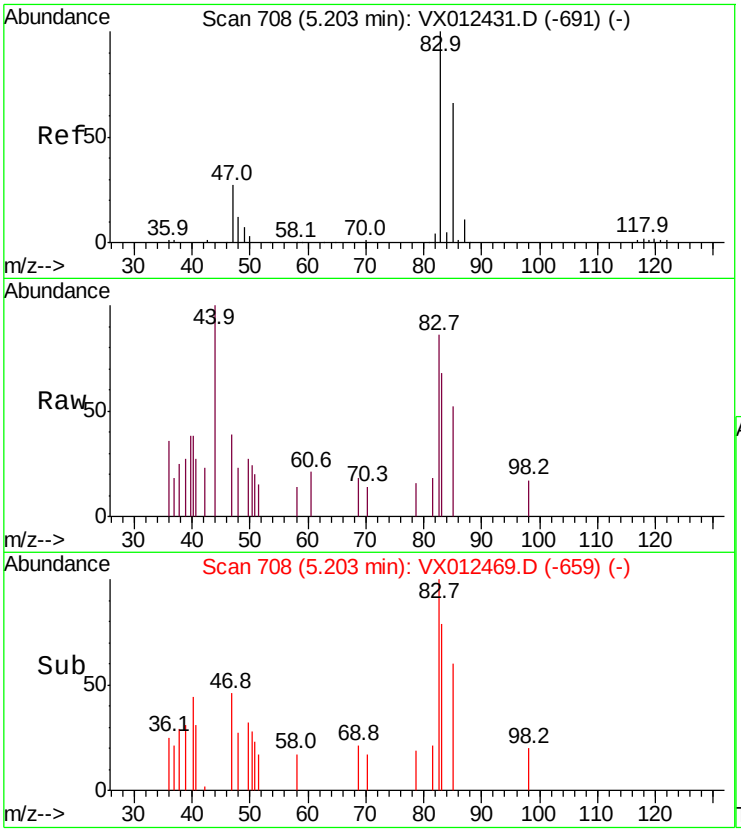


#27
cis-1,2-Dichloroethene
Concen: 0.666 ug/l
RT: 4.60 min Scan# 609
Delta R.T. 0.02 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 96 Resp: 1279

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



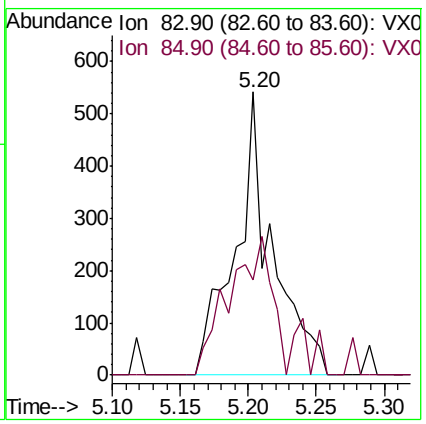


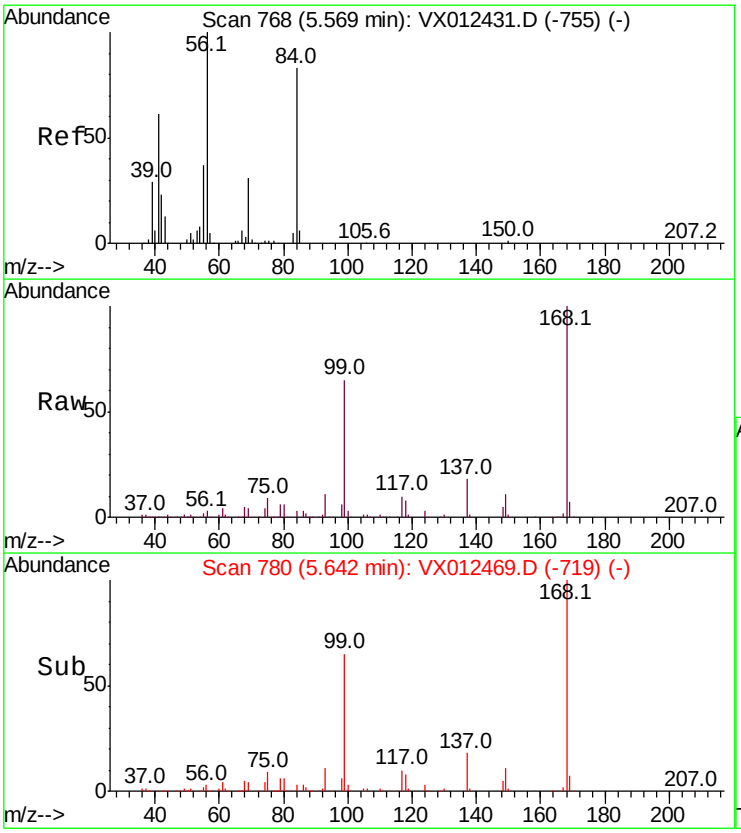
#30
Chloroform
Concen: 0.277 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 83 Resp: 1028

Ion	Ratio	Lower	Upper
83	100		
85	33.8	53.0	79.4#

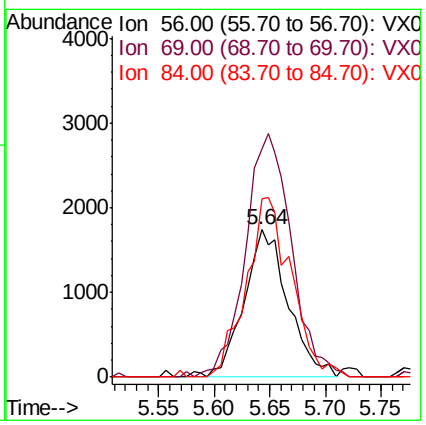


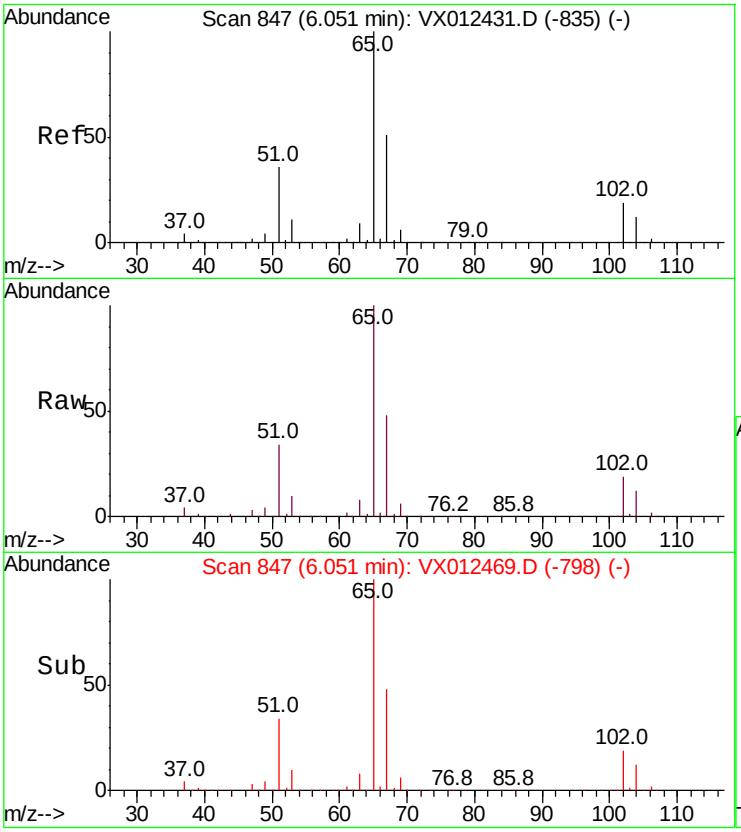


#31
Cyclohexane
Concen: 2.467 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 56 Resp: 4805

Ion	Ratio	Lower	Upper
56	100		
69	150.8	25.0	37.6#
84	120.9	66.4	99.6#



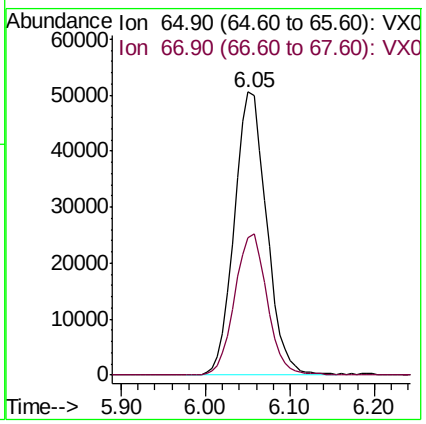


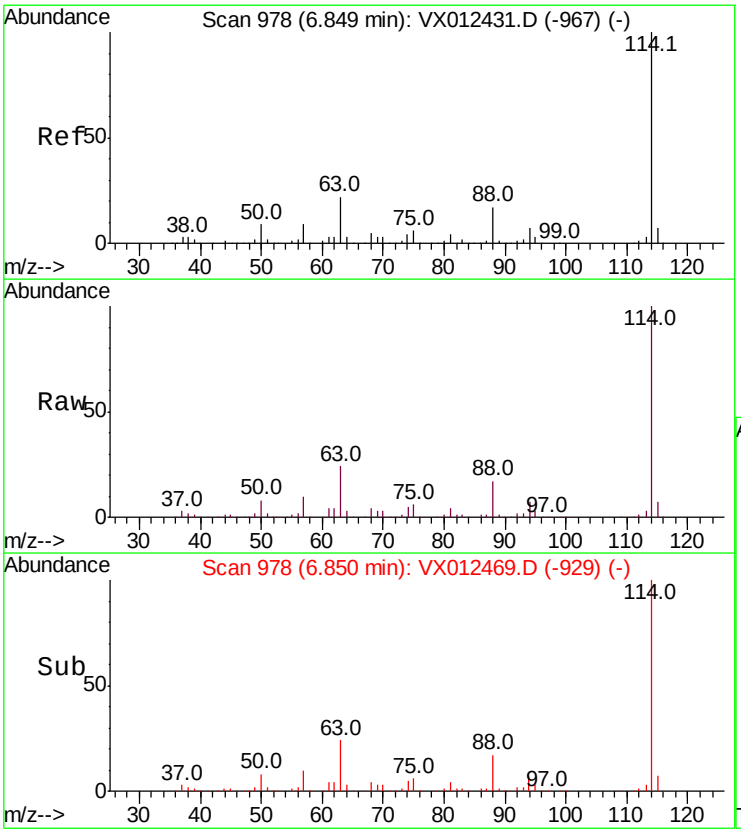
#33
1,2-Dichloroethane-d4
Concen: 46.398 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 65 Resp: 130864

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.2

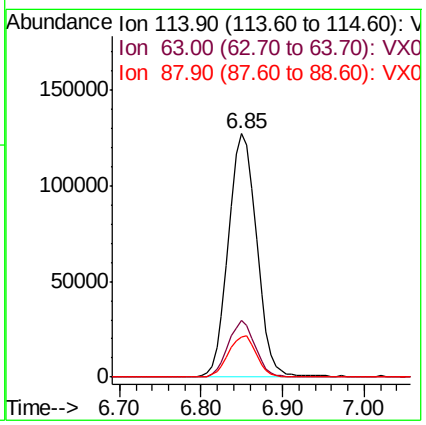


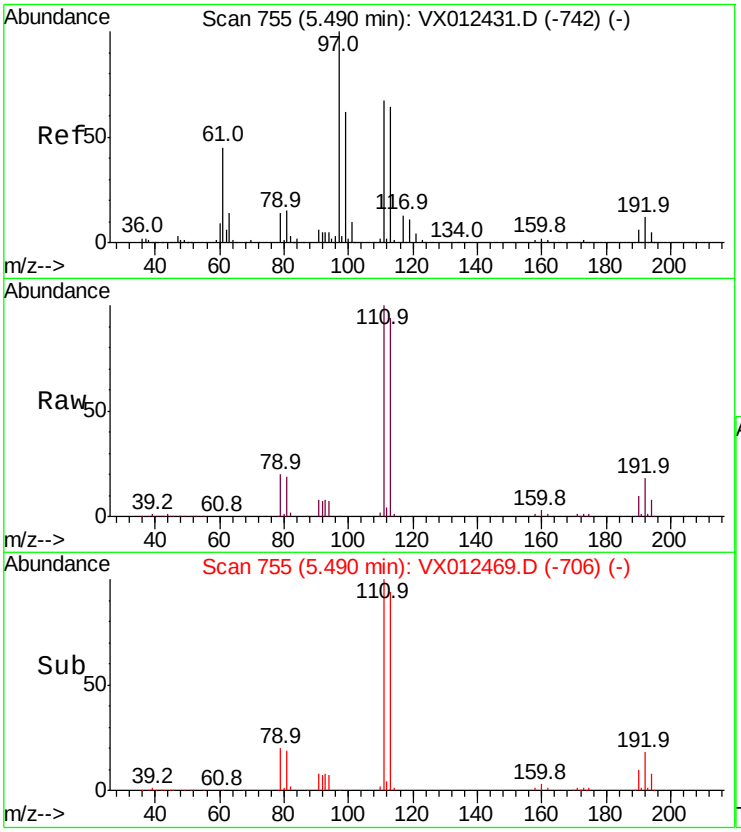


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion:114 Resp: 306321

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.2
88	16.7	0.0	33.2



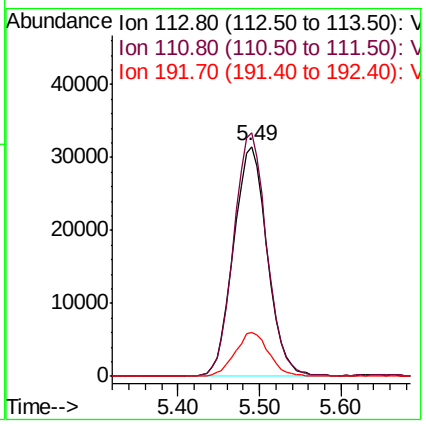


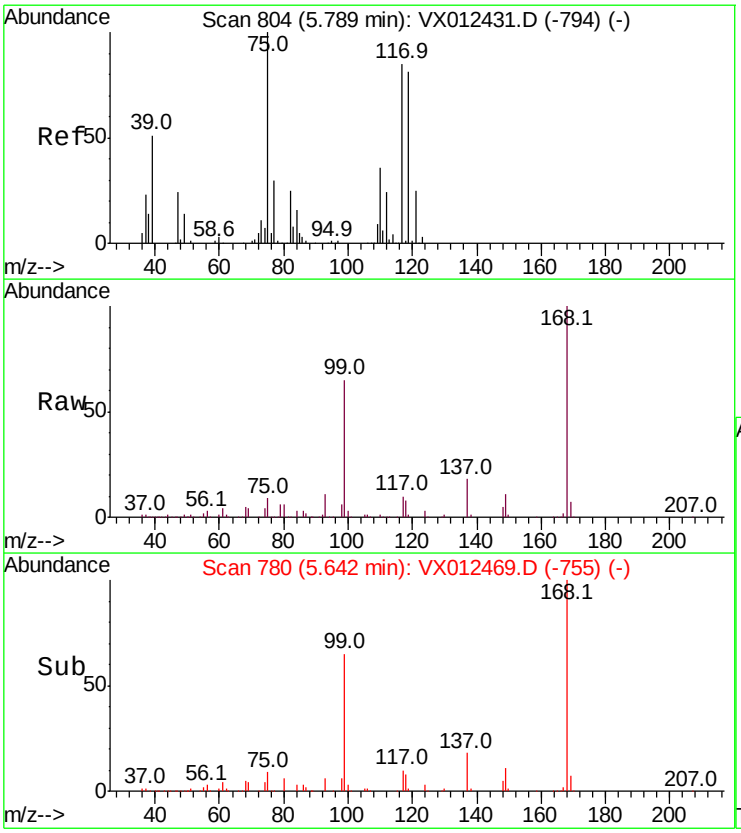
#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion:113 Resp: 90673

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	19.1	14.4	21.6

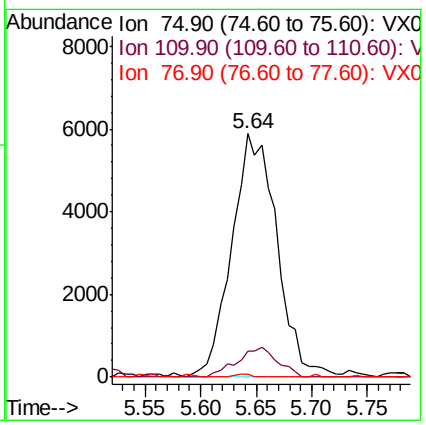


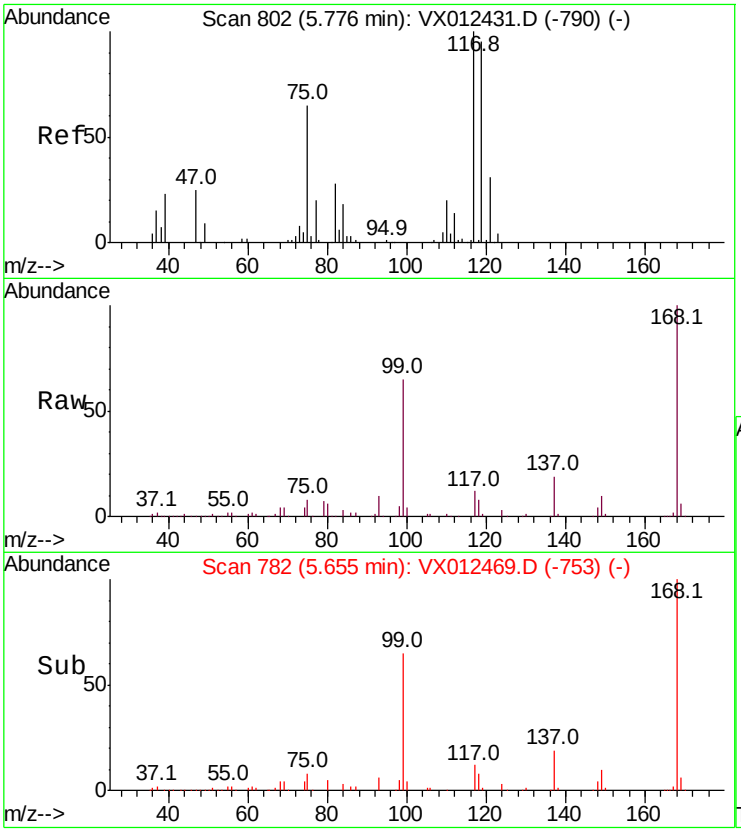


#36
1,1-Dichloropropene
Concen: 8.934 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 75 Resp: 16633

Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.7	50.0#
77	0.5	24.2	36.2#



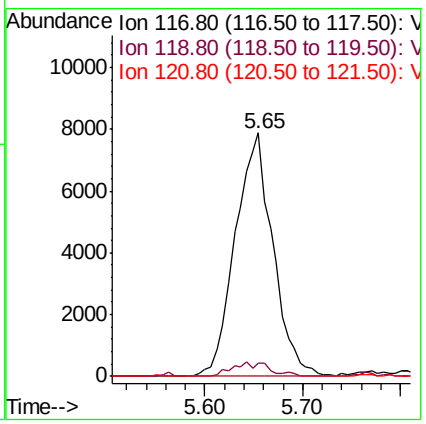


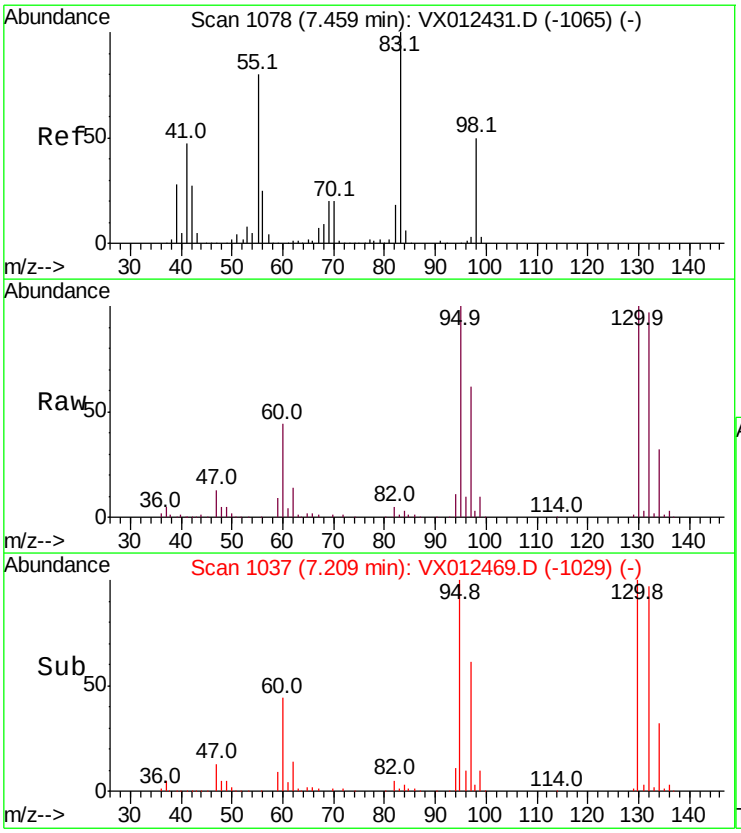
#38
Carbon Tetrachloride
Concen: 9.088 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190910DL

Tgt Ion:117 Resp: 21043

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.7	113.5#
121	0.0	24.2	36.4#

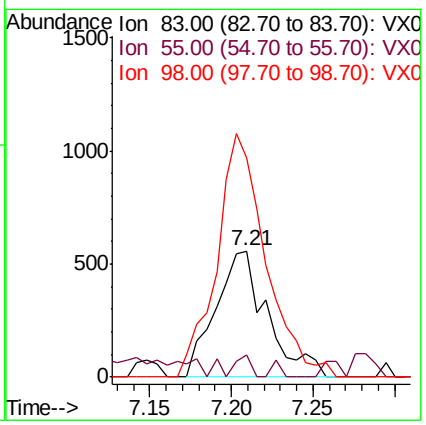


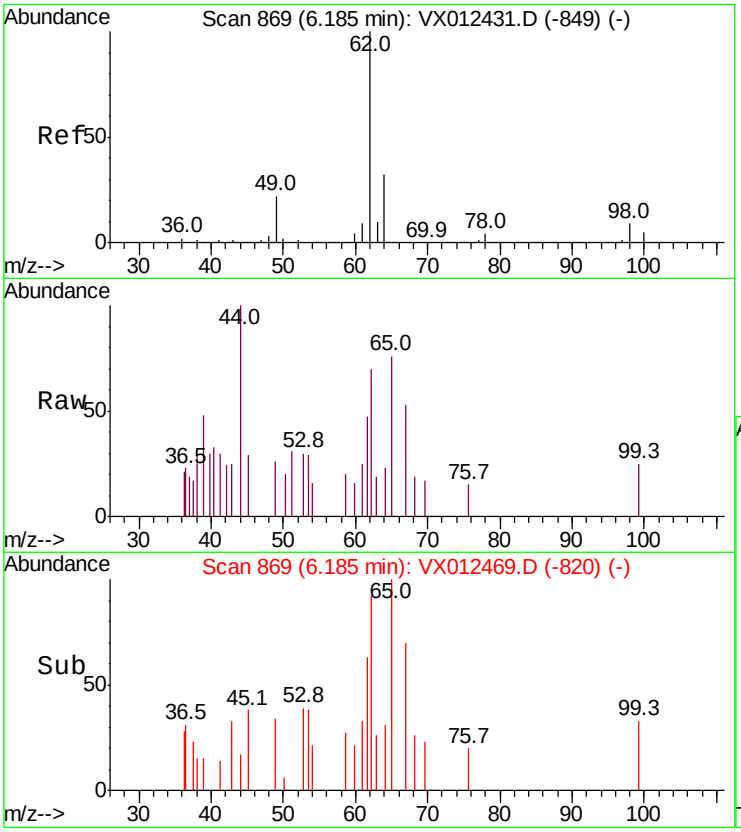


#39
Methylcyclohexane
Concen: 0.677 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 83 Resp: 1226

Ion	Ratio	Lower	Upper
83	100		
55	7.0	64.4	96.6#
98	174.0	40.1	60.1#

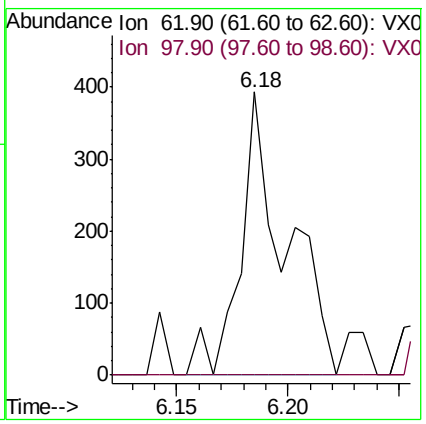




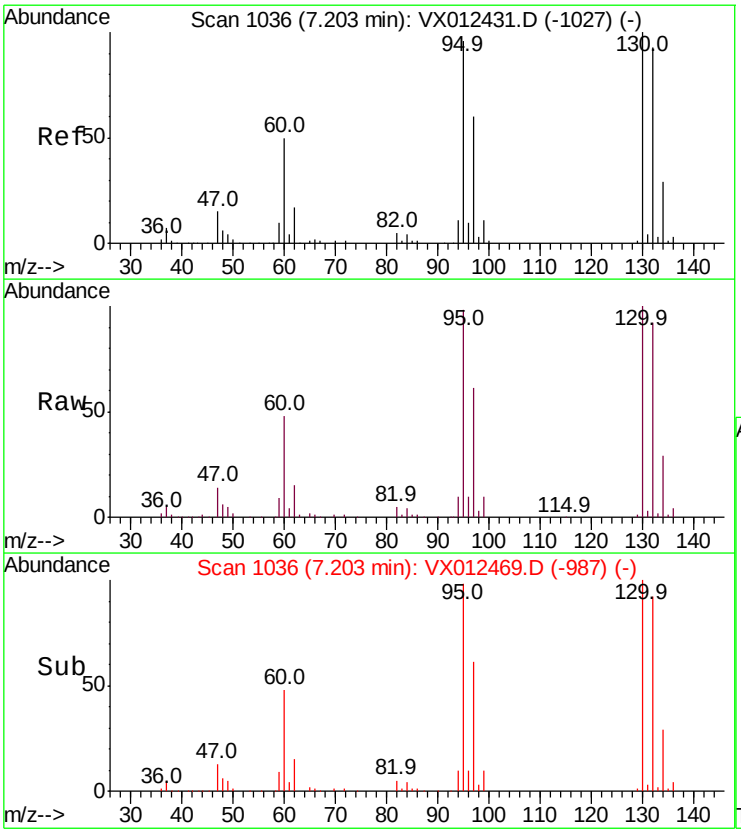
#42
1,2-Dichloroethane
Concen: 0.202 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 62 Resp: 556

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



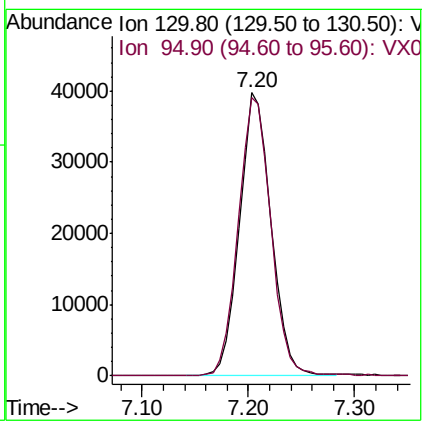
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

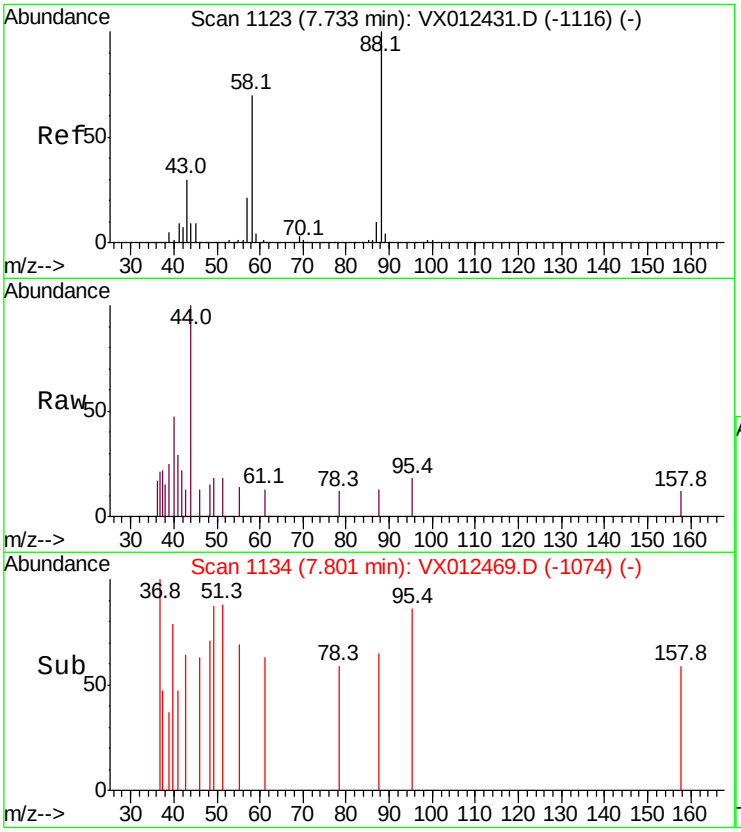


#44
Trichloroethene
Concen: 53.375 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion:130 Resp: 83120

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	193.0



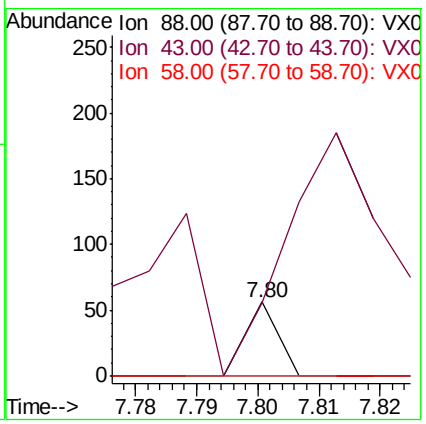


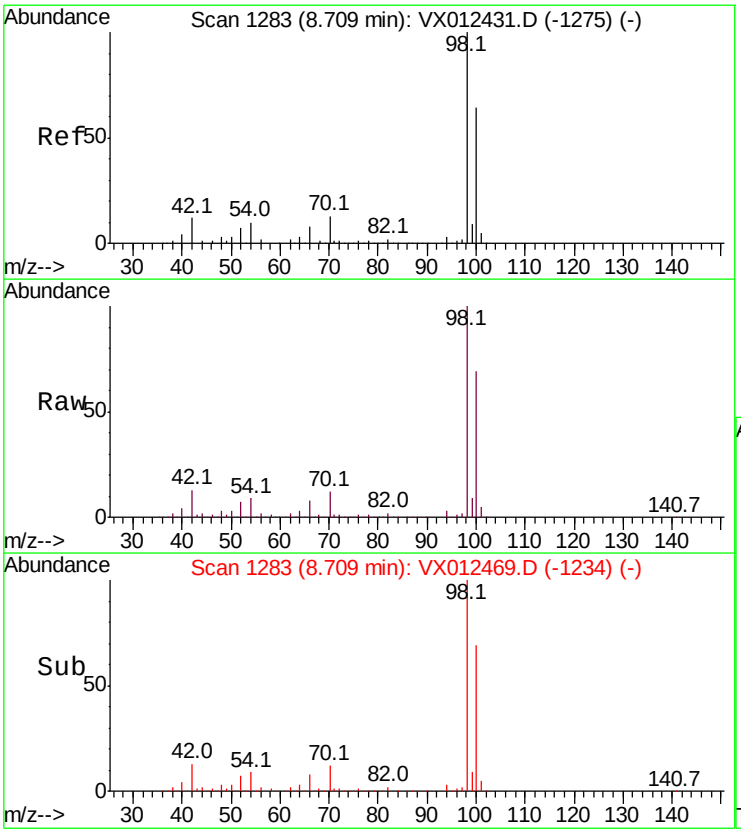
#49
1,4-Dioxane
Concen: 0.340 ug/l
RT: 7.80 min Scan# 1134
Delta R.T. 0.07 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1035.0	29.4	44.0#
58	0.0	57.5	86.3#

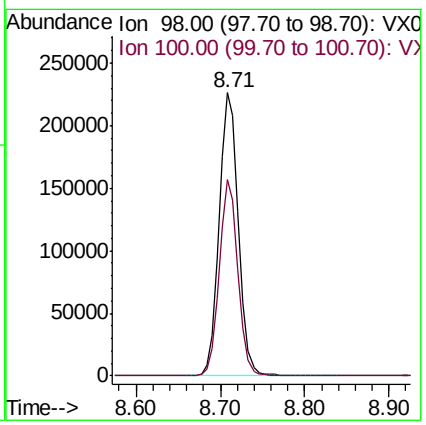


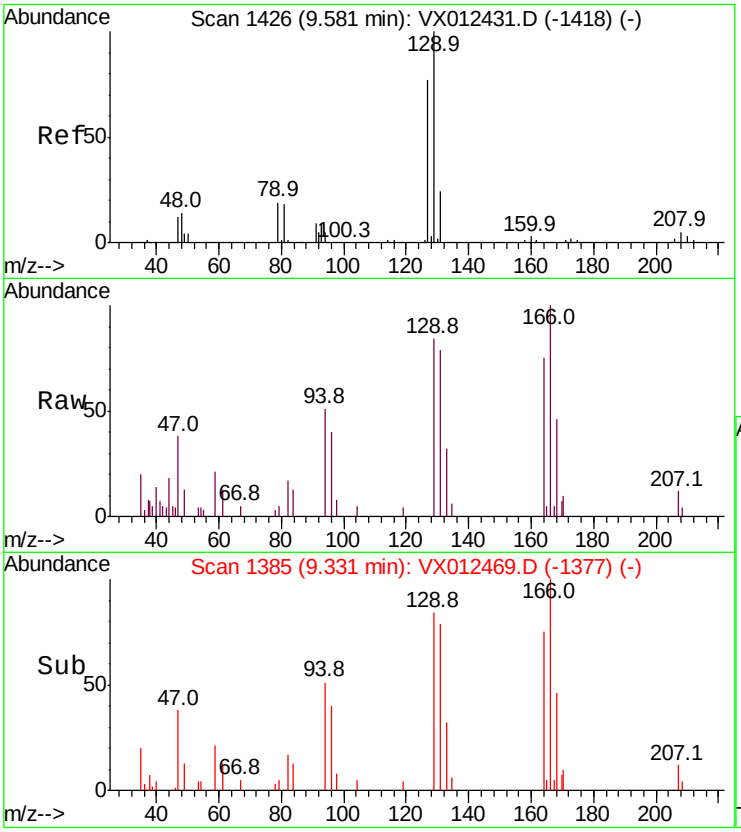


#50
Toluene-d8
Concen: 51.897 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 98 Resp: 356150

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2



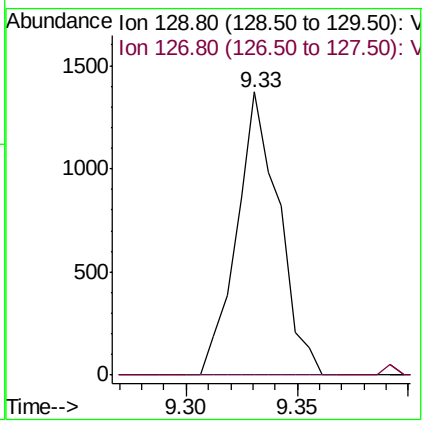


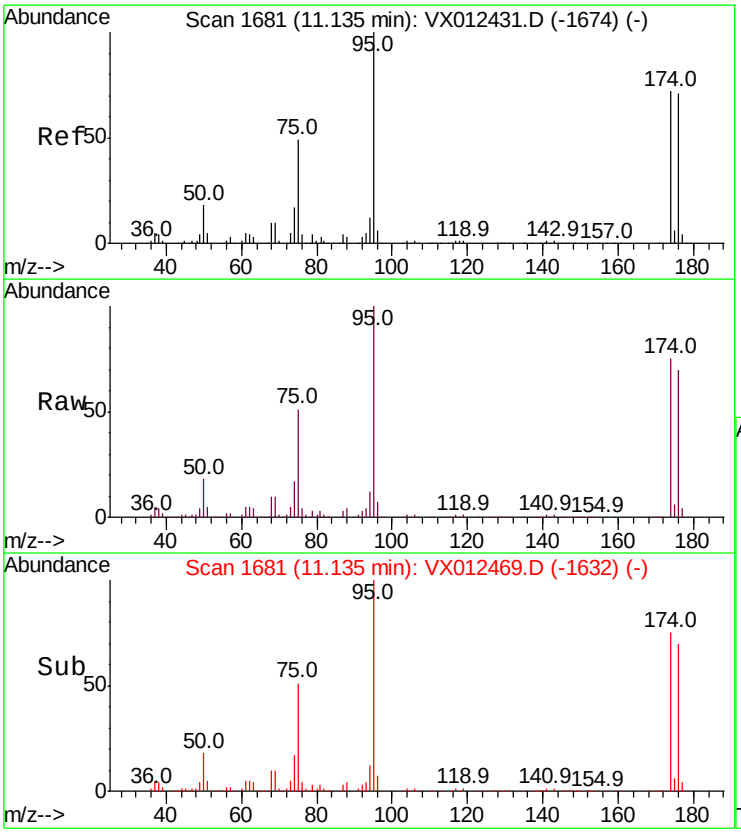
#60
Dibromochloromethane
Concen: 0.904 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion:129 Resp: 1810

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

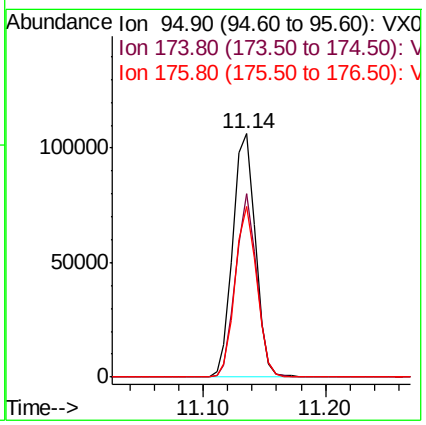


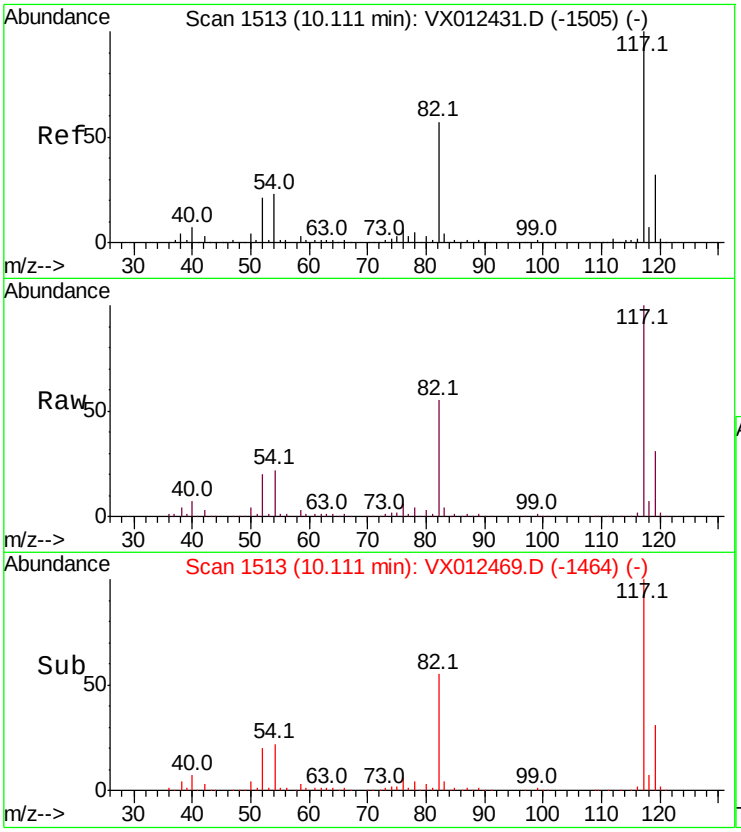


#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 95 Resp: 135775

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	140.0
176	67.5	0.0	135.4



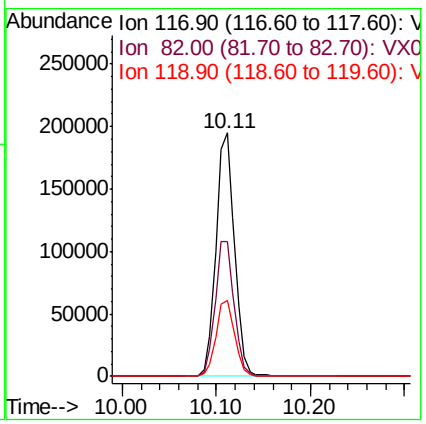


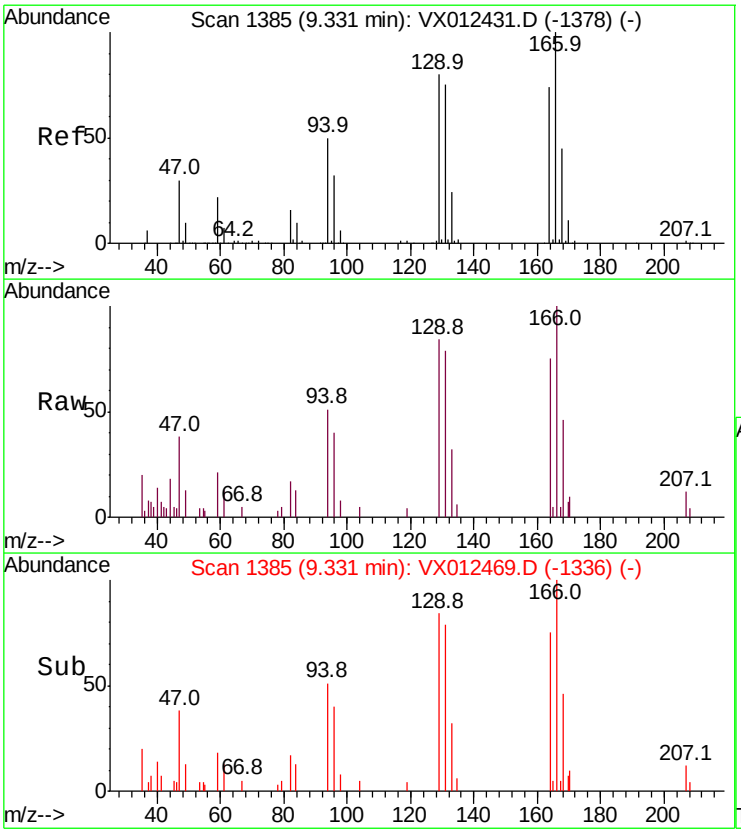
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument : MSVOA_X
ClientSampleId : RE125D3-20190910DL

Tgt Ion:117 Resp: 265665

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.9	68.9
119	31.4	25.3	37.9

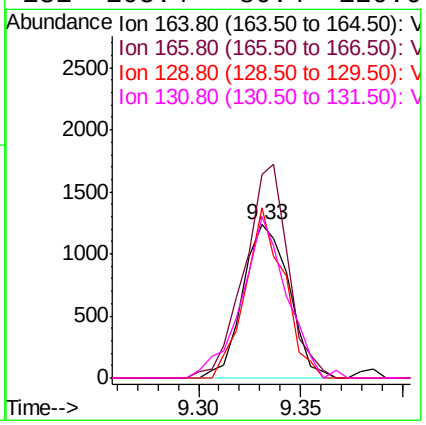


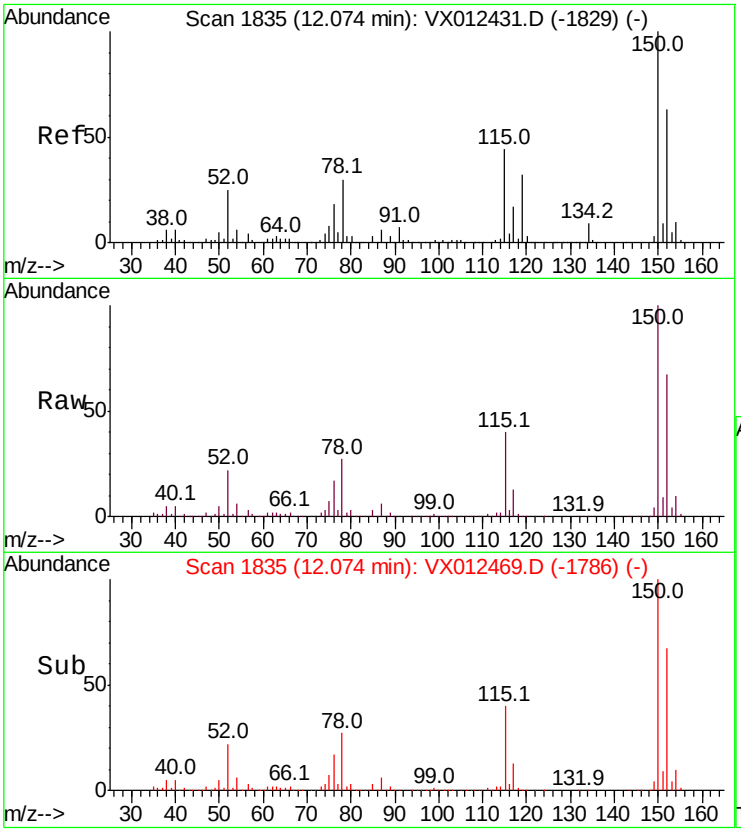


#64
Tetrachloroethene
Concen: 1.599 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion:164 Resp: 1946

Ion	Ratio	Lower	Upper
164	100		
166	133.1	107.8	161.6
129	111.3	86.2	129.2
131	105.4	80.4	120.6



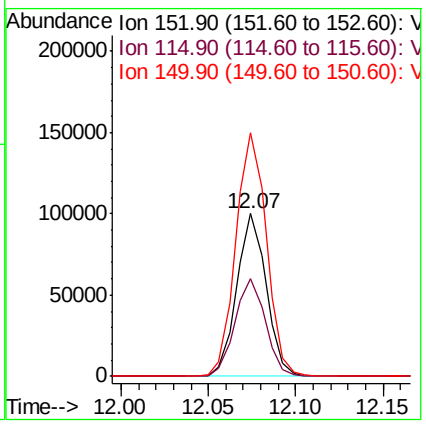


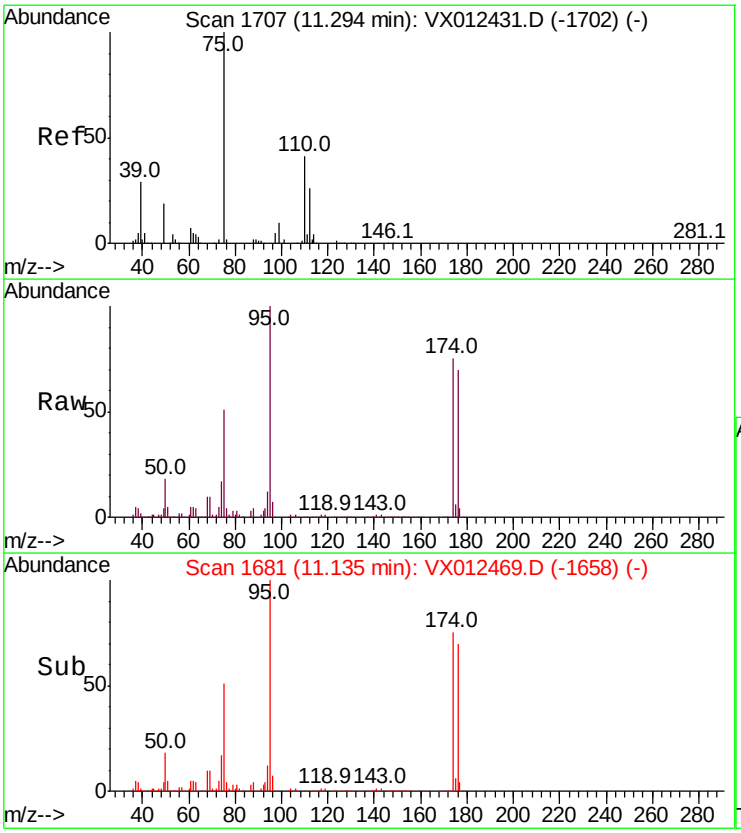
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion:152 Resp: 117294

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.1	132.3
150	155.7	0.0	343.8

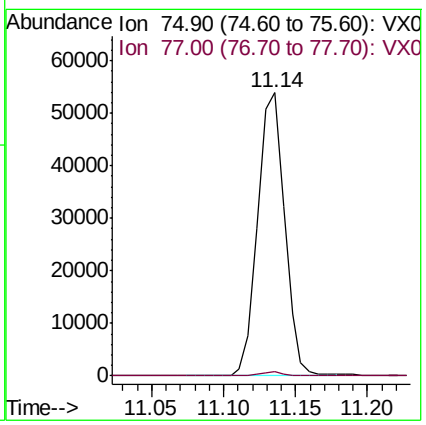


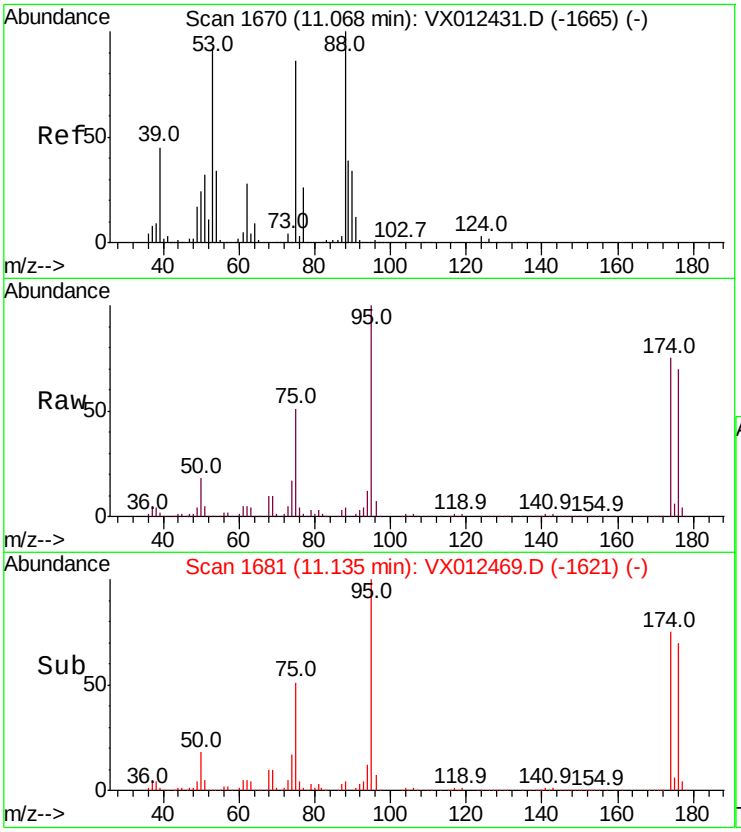


#76
1,2,3-Trichloropropane
Concen: 25.849 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 75 Resp: 69645

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.666 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

Tgt Ion: 75 Resp: 69645

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