Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032044.D
Acq On : 16 May 2019 13:04
Operator : JC/SP
Sample : VSTD00508
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: May 17 02:17:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 02:13:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432008	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193792	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	180509	4.46	ug/L	0.00
7) Chloroethane-d5	1.68	69	153506	4.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	296149	4.72	ug/L	0.00
20) 2-Butanone-d5	4.20	46	373324	42.98	ug/L	0.00
24) Chloroform-d	4.64	84	320711	4.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	162796	4.87	ug/L	0.00
32) Benzene-d6	5.33	84	673725	4.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	194365	4.48	ug/L	0.00
41) Toluene-d8	7.56	98	605646	4.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	70833	4.80	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	339017	48.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160047	4.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	211129	4.97	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	112029	5.230	ug/L	100
3) Chloromethane	1.32	50	98362	4.046	ug/L	100
5) Vinyl chloride	1.40	62	107453	4.526	ug/L	100
6) Bromomethane	1.63	94	61902	4.904	ug/L	100
8) Chloroethane	1.70	64	64136	4.107	ug/L	100
9) Trichlorofluoromethane	1.88	101	134959	5.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	87430	5.111	ug/L	100
12) 1,1-Dichloroethene	2.28	96	85958	5.071	ug/L	100
13) Acetone	2.34	43	114166	41.870	ug/L	100
14) Carbon disulfide	2.47	76	273158	4.706	ug/L	100
15) Methyl Acetate	2.62	43	30649	3.856	ug/L	100
16) Methylene chloride	2.69	84	96235	4.826	ug/L	100
17) Methyl tert-butyl Ether	3.00	73	201281	4.856	ug/L	100
18) trans-1,2-Dichloroethene	2.97	96	93635	5.016	ug/L	100
19) 1,1-Dichloroethane	3.44	63	148364	4.695	ug/L	100
21) 2-Butanone	4.29	43	176943	42.473	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	91988	4.944	ug/L	100
23) Bromochloromethane	4.55	128	38558	4.816	ug/L	100
25) Chloroform	4.67	83	158287	4.887	ug/L	100
27) 1,2-Dichloroethane	5.40	62	92390	4.917	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	124381	4.972	ug/L	100
30) Cyclohexane	4.98	56	116363	4.270	ug/L	100
31) Carbon tetrachloride	5.13	117	107054	5.034	ug/L	100
33) Benzene	5.38	78	340683	4.738	ug/L	100
34) Trichloroethene	6.18	95	92980	4.865	ug/L	100
35) Methylcyclohexane	6.41	83	130766	4.862	ug/L	100
37) 1,2-Dichloropropane	6.43	63	79924	4.433	ug/L	100
38) Bromodichloromethane	6.76	83	104982	4.813	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	116616	4.975	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	392138	41.153	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032044.D
Acq On : 16 May 2019 13:04
Operator : JC/SP
Sample : VSTD00508
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: May 17 02:17:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 02:13:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	368324	5.010	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	91002	4.940	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	61088	4.831	ug/L	100
47) Tetrachloroethene	8.22	164	68145	5.048	ug/L	100
48) 2-Hexanone	8.36	43	309975	43.077	ug/L	100
49) Dibromochloromethane	8.47	129	69059	5.016	ug/L	100
50) 1,2-Dibromoethane	8.58	107	58929	5.078	ug/L	100
51) Chlorobenzene	9.12	112	222238	4.923	ug/L	100
52) Ethylbenzene	9.25	91	363161	4.921	ug/L	100
53) m,p-Xylene	9.37	106	135096	4.957	ug/L	100
54) o-Xylene	9.77	106	134047	5.055	ug/L	100
55) Styrene	9.79	104	232004	5.380	ug/L	100
56) Isopropylbenzene	10.16	105	347119	5.152	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	76225	4.891	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	52161	4.758	ug/L	100
61) Bromoform	9.96	173	39224	5.311	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	160463	5.026	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	163797	5.032	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	162767	5.147	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	10935	4.965	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	120901	5.233	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	86664	5.463	ug/L	100
69) Naphthalene	13.74	128	126847	4.758	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	86531	5.342	ug/L	100

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

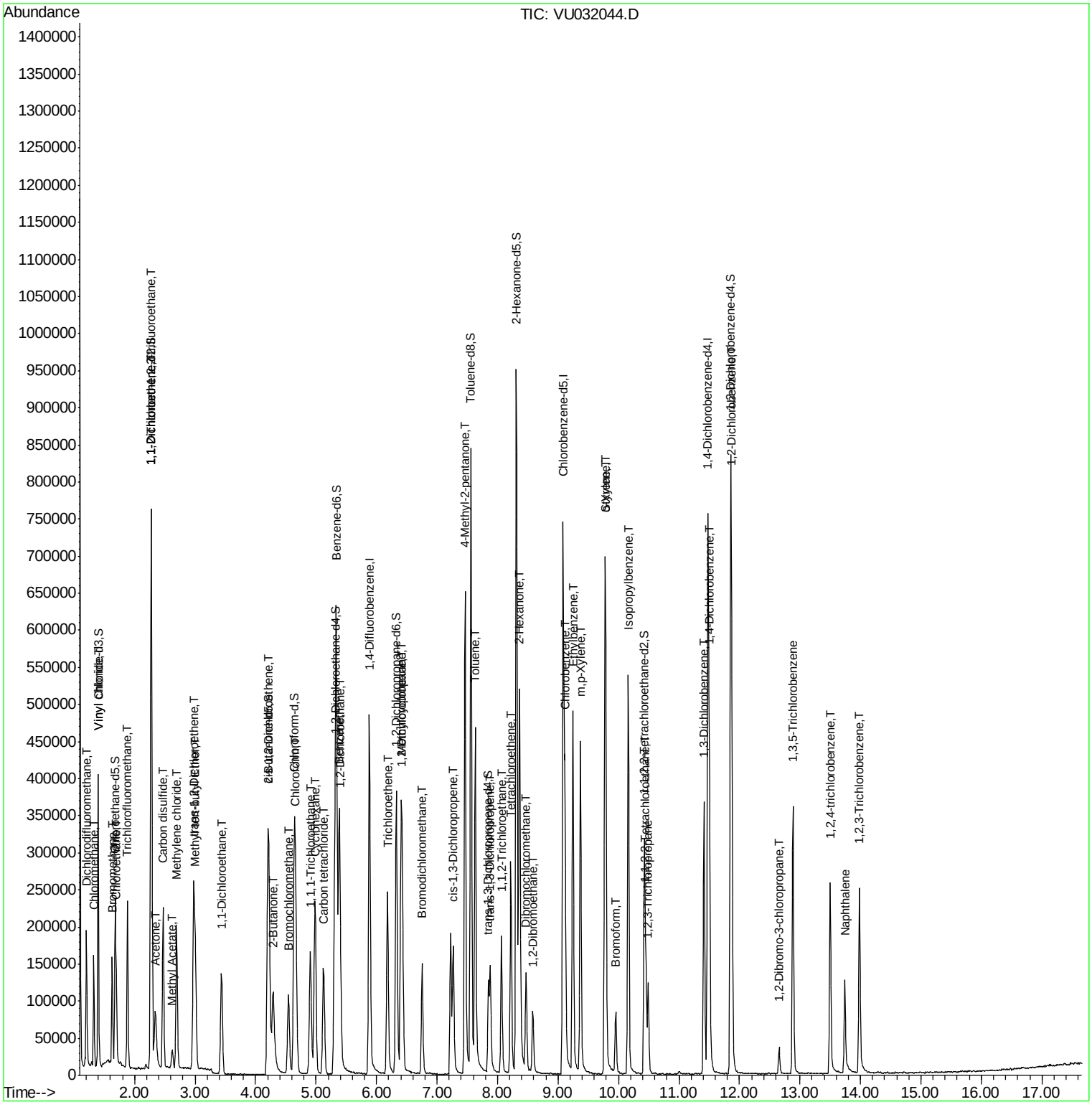
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

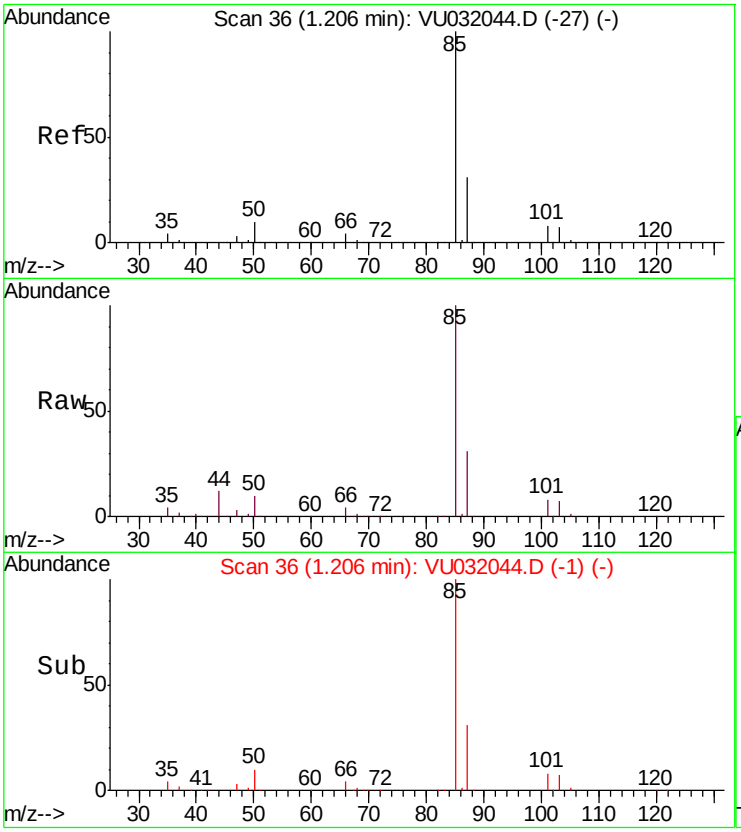
Quantitation Report (Not Reviewed)

Data File : VU032044.D
Acq On : 16 May 2019 13:04
Operator : JC/SP
Sample : VSTD00508
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Quant Time: May 17 02:17:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 02:13:58 2019
Response via : Initial Calibration



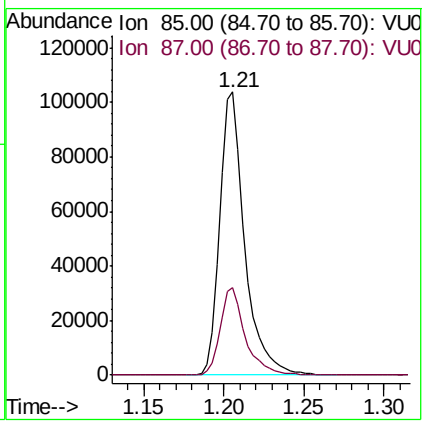


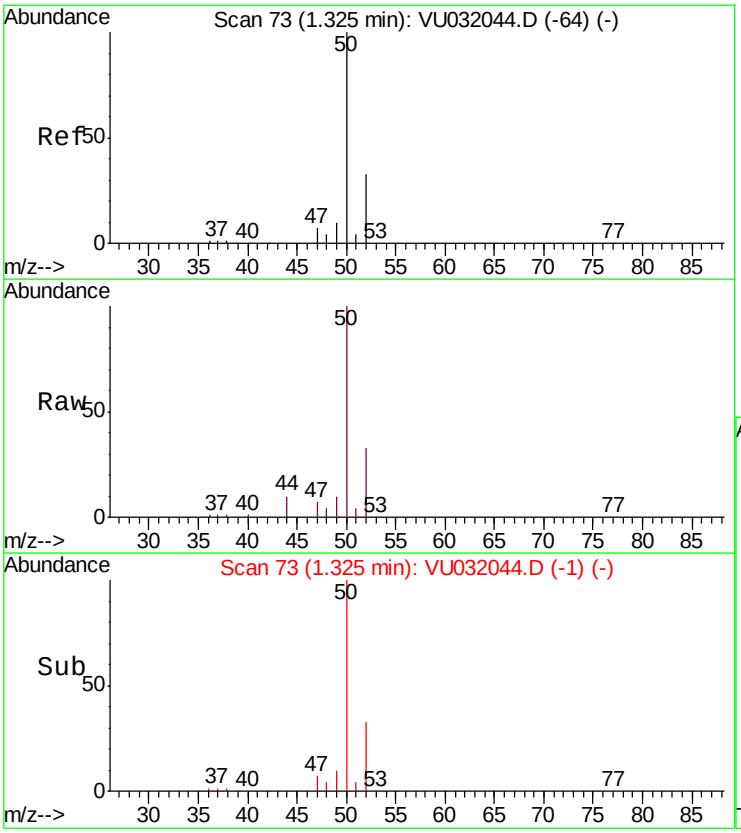
#2
Dichlorodifluoromethane
Concen: 5.230 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 85 Resp: 112029

Ion	Ratio	Lower	Upper
85	100		
87	31.0	24.8	37.2

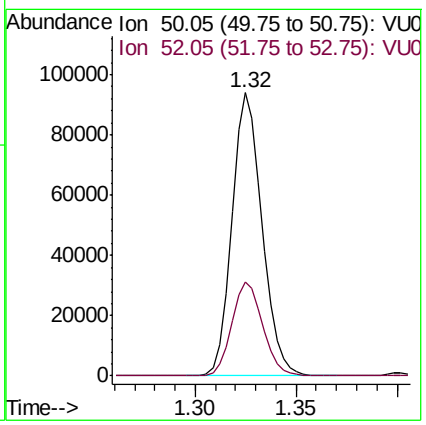


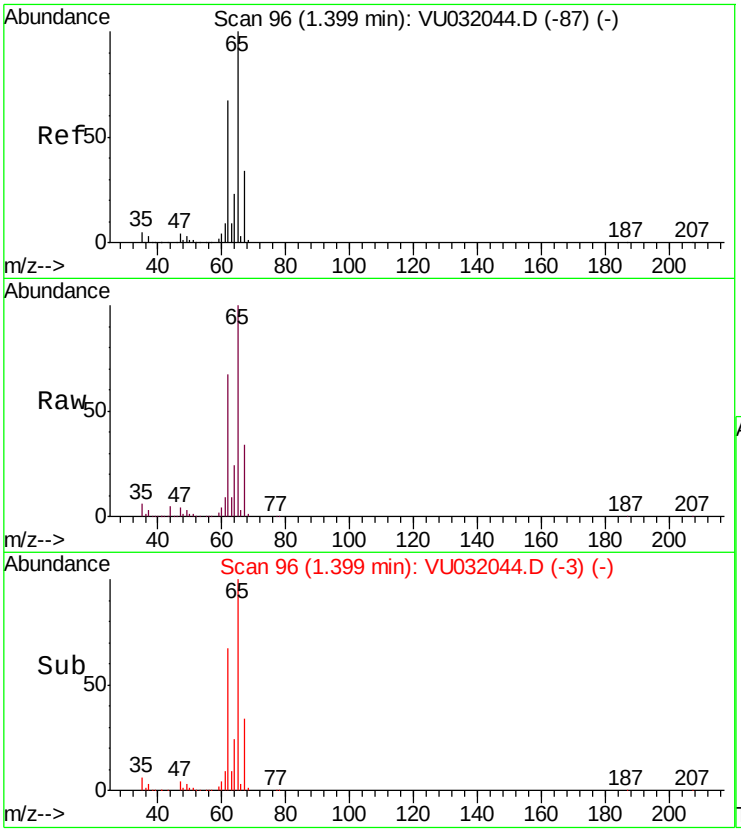


#3
Chloromethane
Concen: 4.046 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 50 Resp: 98362

Ion	Ratio	Lower	Upper
50	100		
52	33.1	23.2	43.0



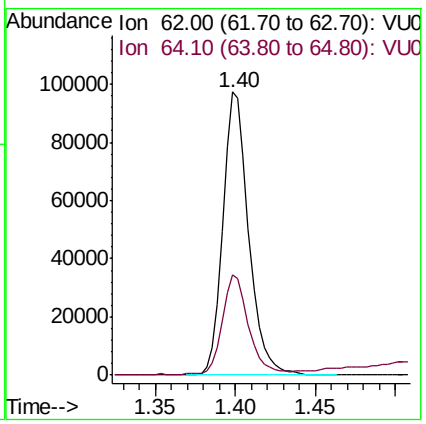


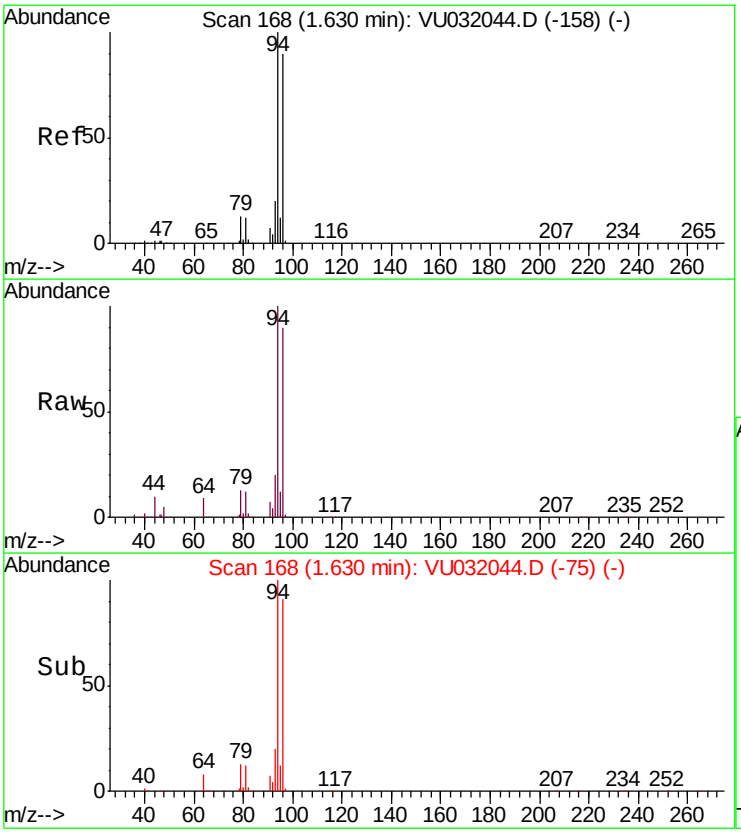
#5
Vinyl chloride
Concen: 4.526 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 62 Resp: 107453

Ion	Ratio	Lower	Upper
62	100		
64	35.5	24.8	46.1

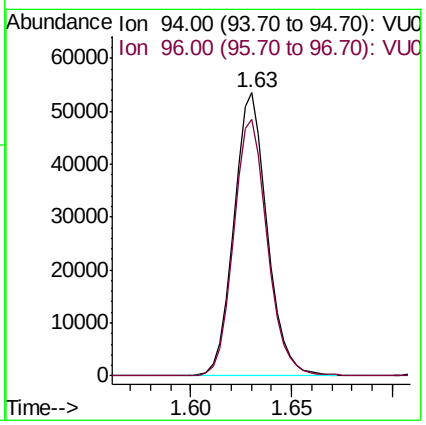


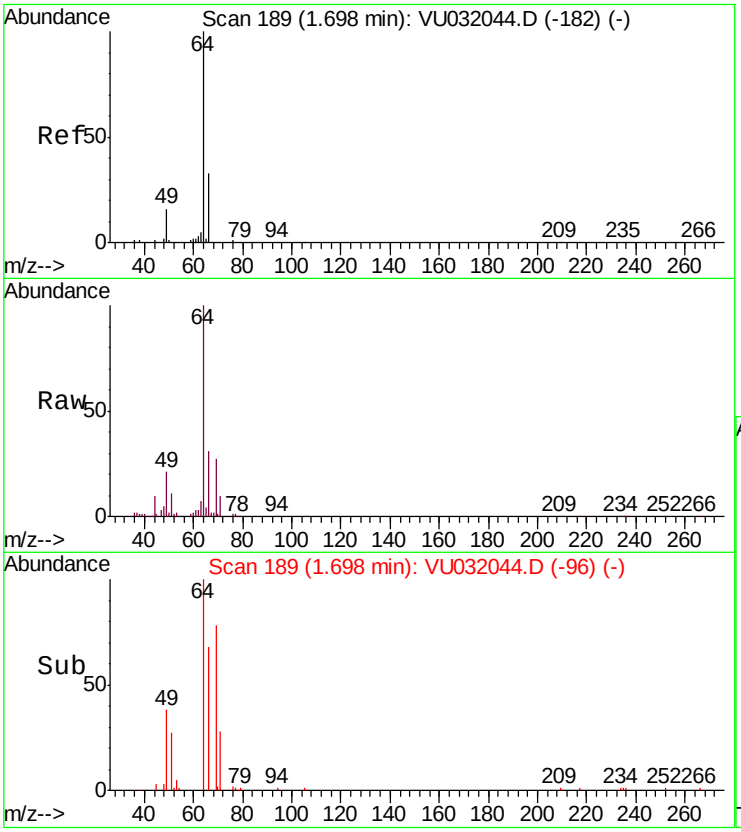


#6
Bromomethane
Concen: 4.904 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 94 Resp: 61902

Ion	Ratio	Lower	Upper
94	100		
96	90.5	63.3	117.7



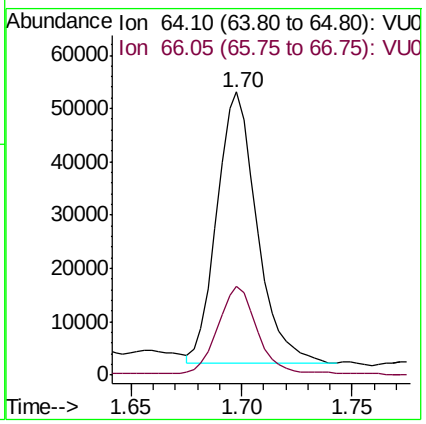


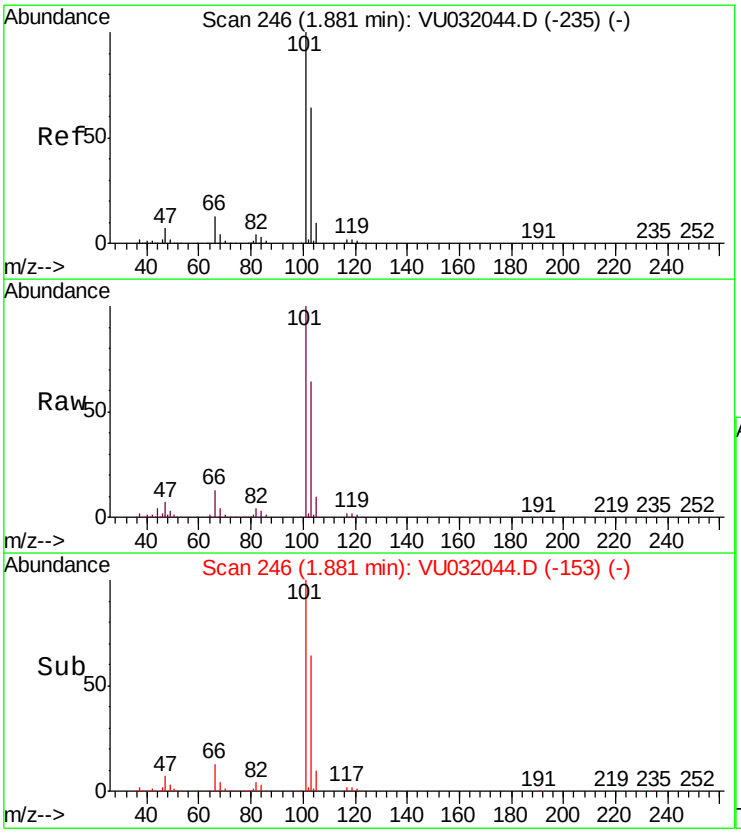
#8
Chloroethane
Concen: 4.107 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 64 Resp: 64136

Ion	Ratio	Lower	Upper
64	100		
66	31.5	22.0	41.0

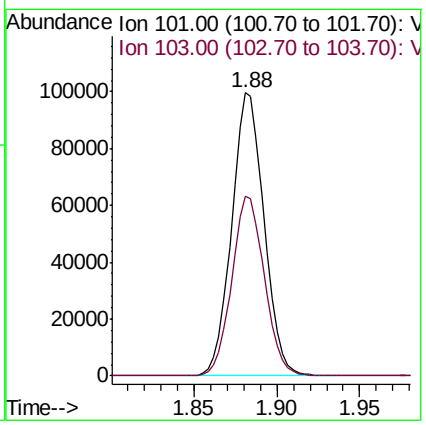


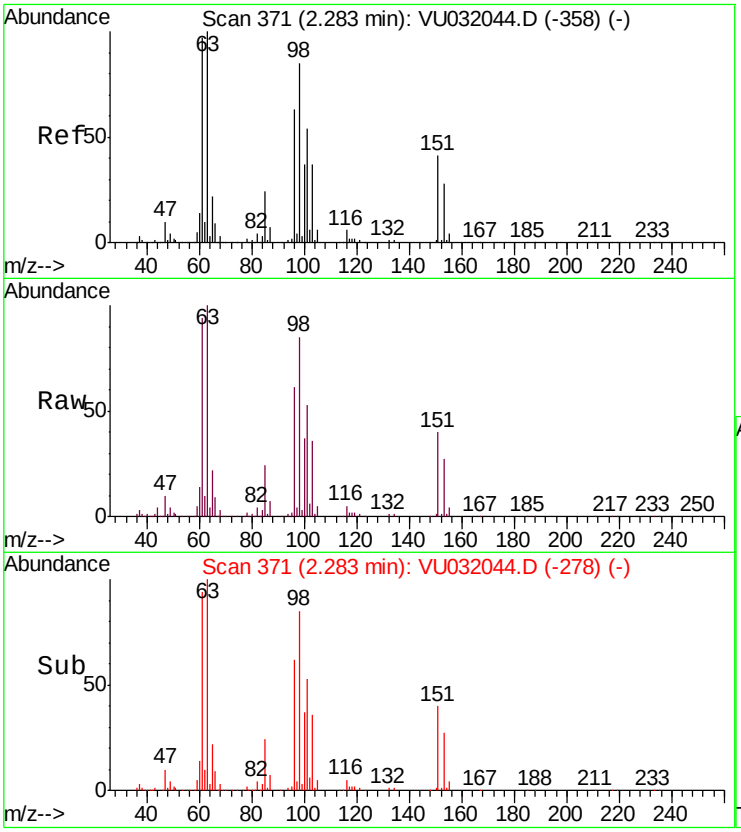


#9
Trichlorofluoromethane
Concen: 5.169 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:101 Resp: 134959

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.0



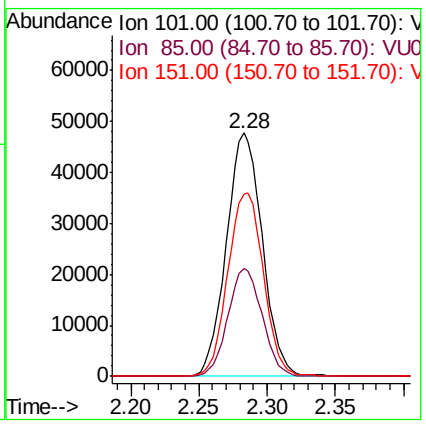


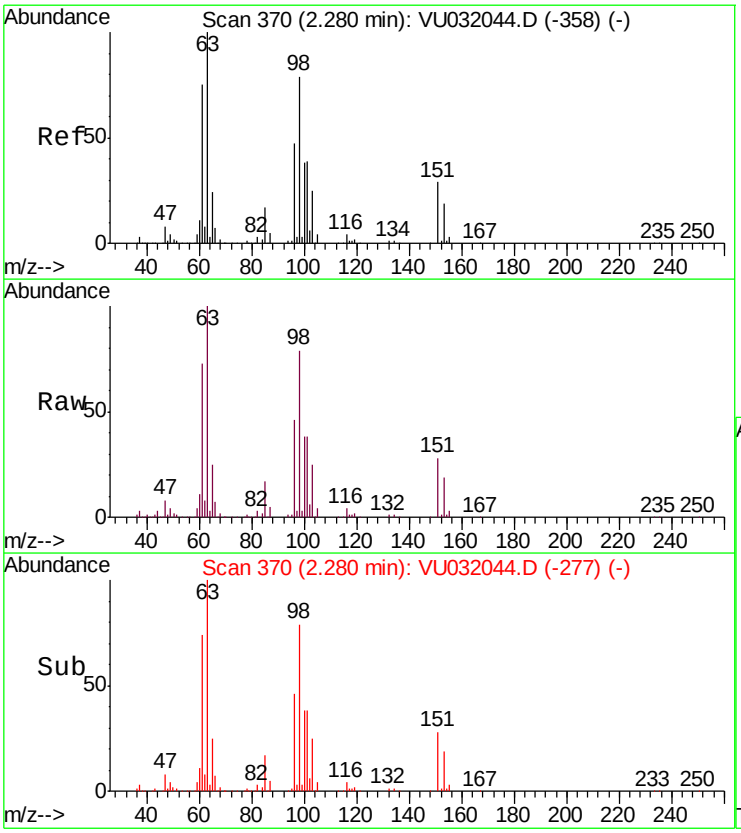
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.111 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:101 Resp: 87430

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.8
151	74.3	59.4	89.2

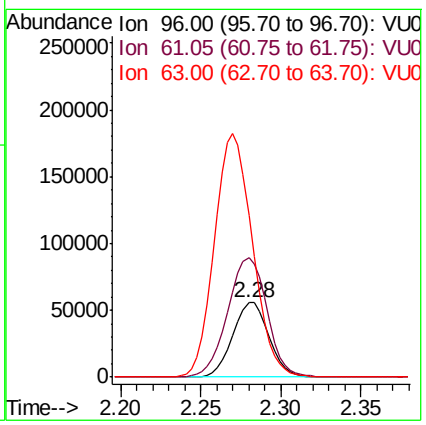


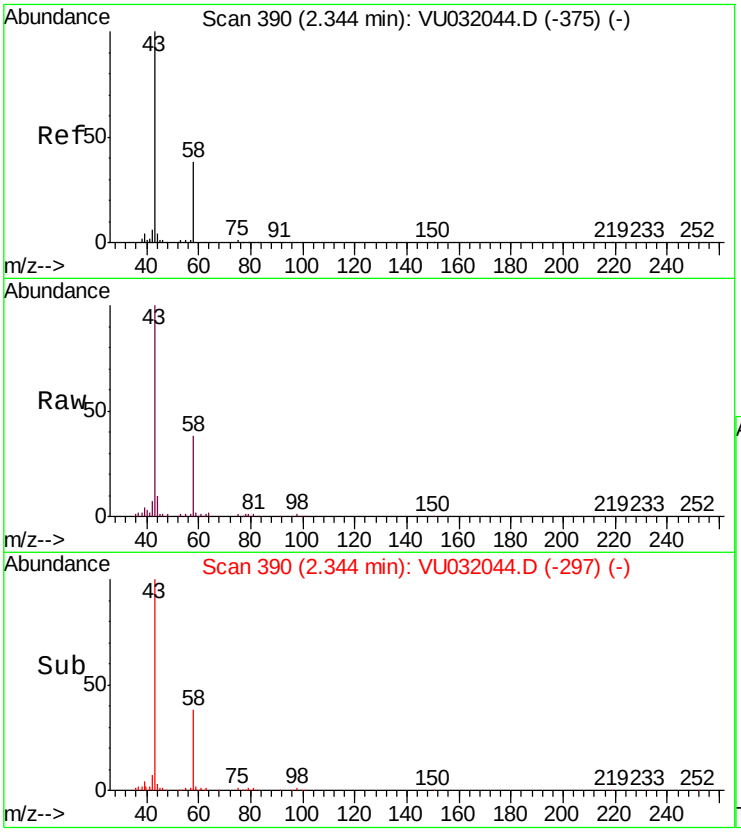


#12
1,1-Dichloroethene
Concen: 5.071 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 96 Resp: 85958

Ion	Ratio	Lower	Upper
96	100		
61	159.6	111.7	207.5
63	217.4	152.2	282.6



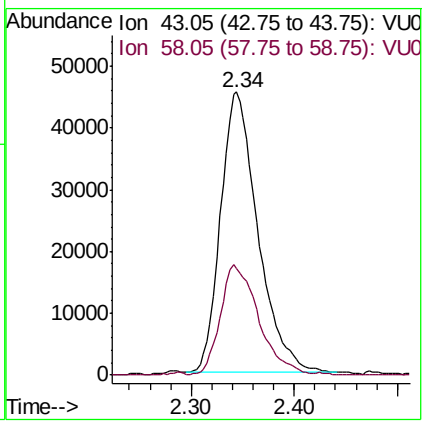


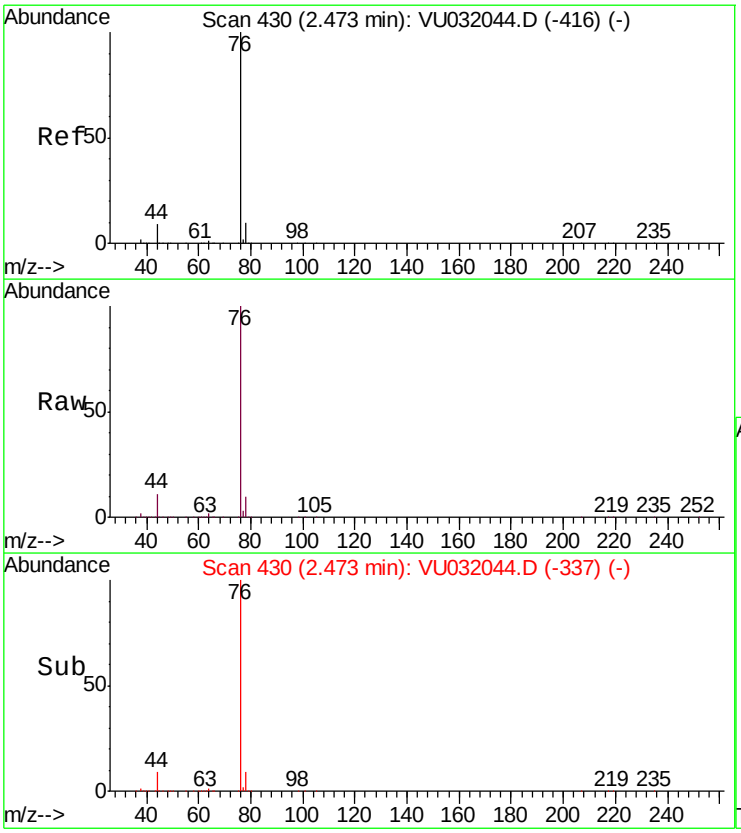
#13
Acetone
Concen: 41.870 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 43 Resp: 114166

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	78.8

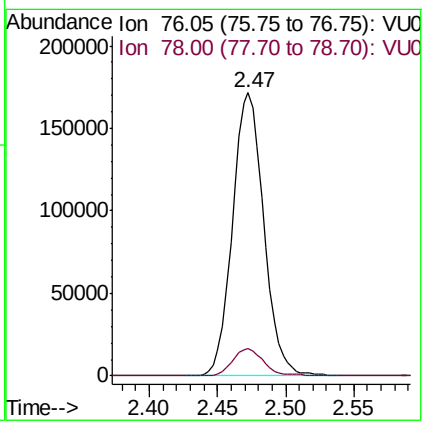


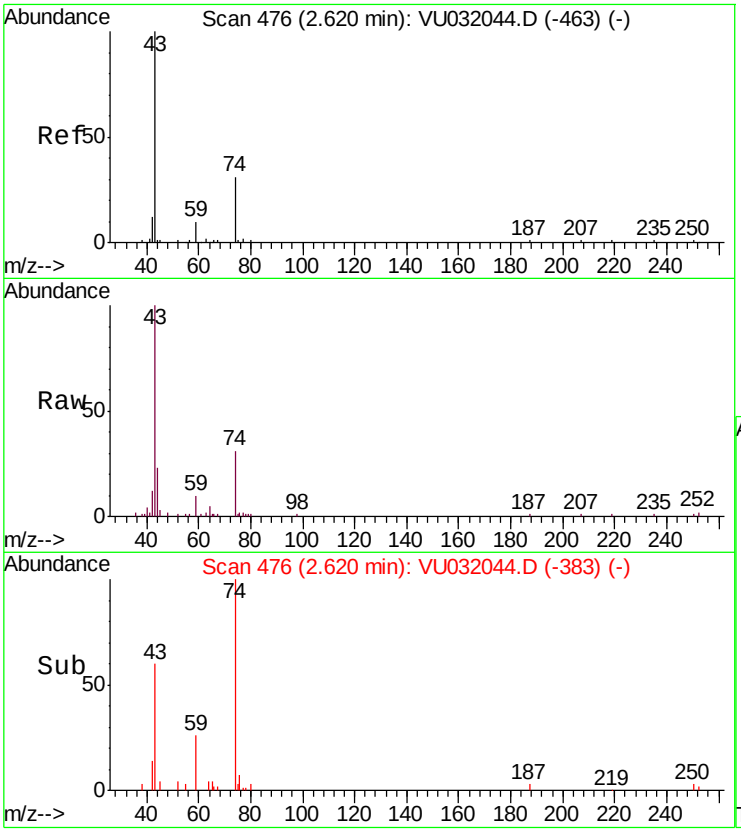


#14
Carbon disulfide
Concen: 4.706 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 76 Resp: 273158

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.8	11.6



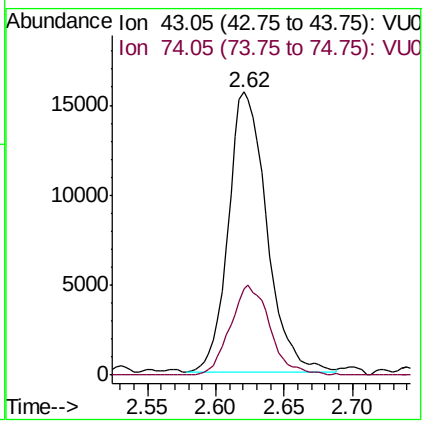


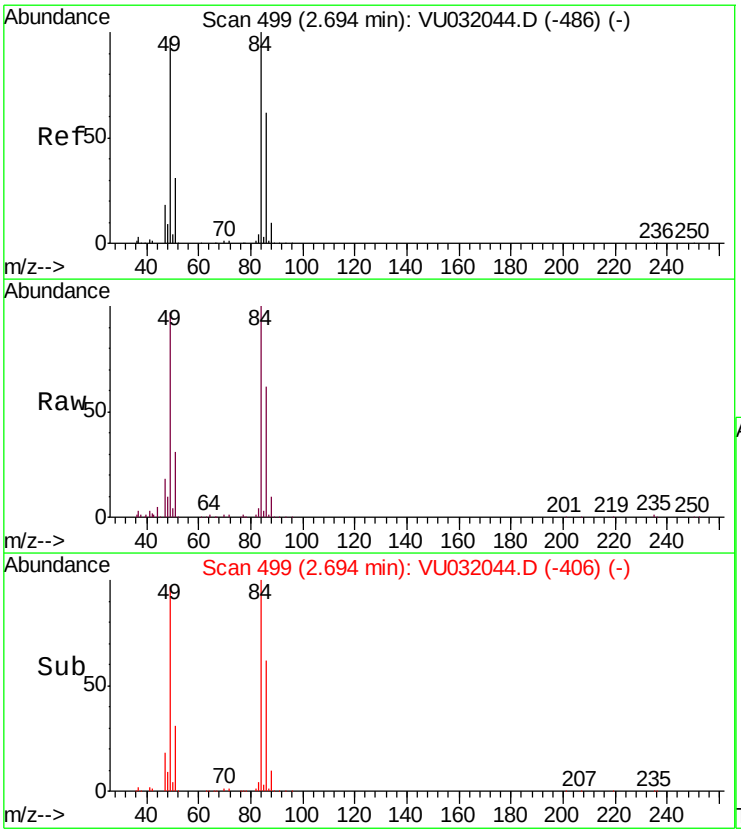
#15
Methyl Acetate
Concen: 3.856 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 43 Resp: 30649

Ion	Ratio	Lower	Upper
43	100		
74	33.0	26.4	39.6

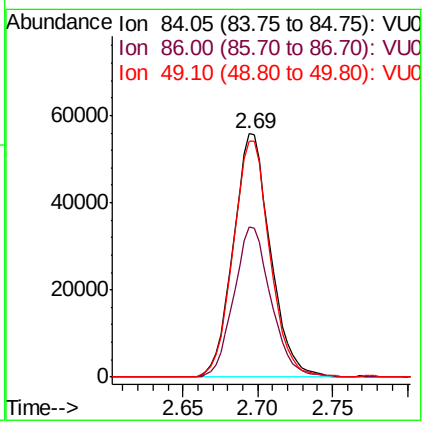


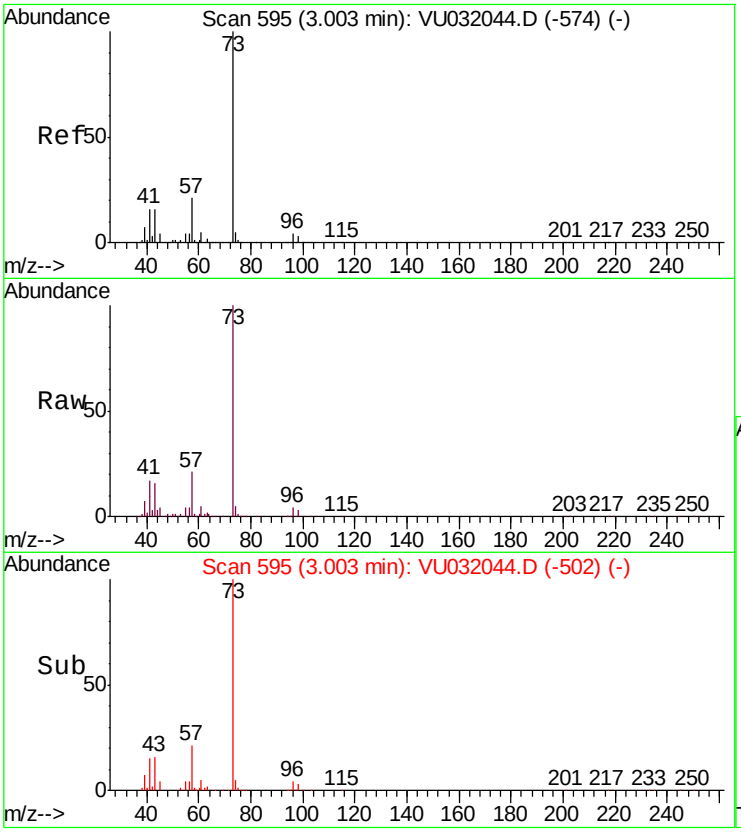


#16
Methylene chloride
Concen: 4.826 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 84 Resp: 96235

Ion	Ratio	Lower	Upper
84	100		
86	61.6	43.1	80.1
49	96.7	67.7	125.7



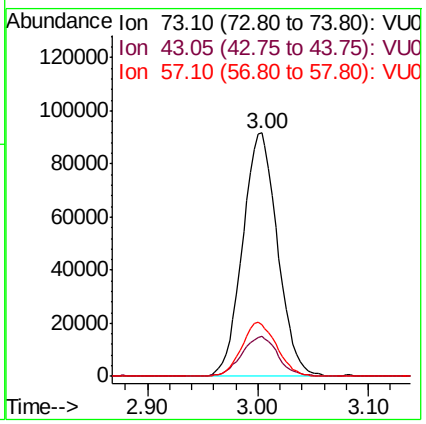


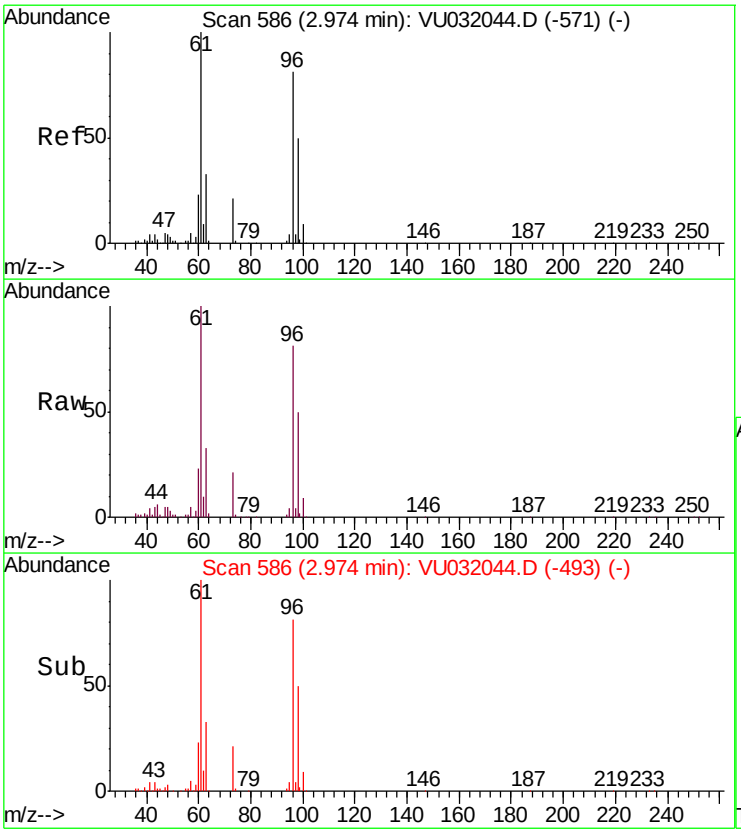
#17
Methyl tert-butyl Ether
Concen: 4.856 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 73 Resp: 201281

Ion	Ratio	Lower	Upper
73	100		
43	16.3	13.0	19.6
57	22.4	17.9	26.9

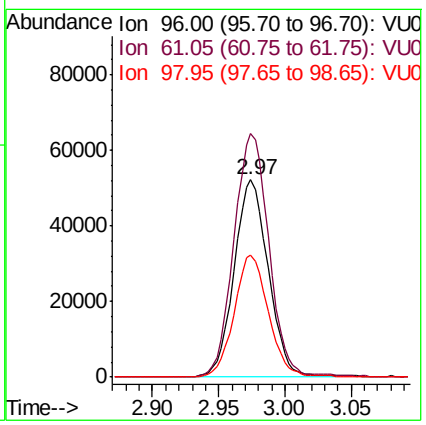


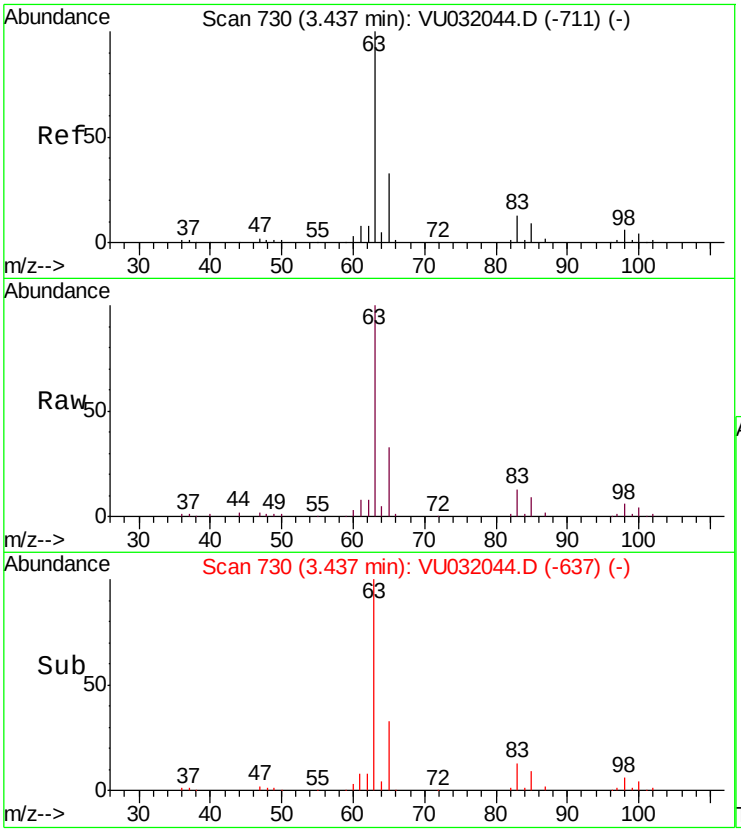


#18
trans-1,2-Dichloroethene
Concen: 5.016 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 96 Resp: 93635

Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.5	160.7
98	62.2	43.5	80.9



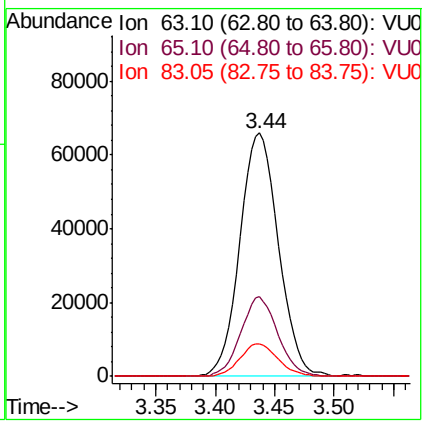


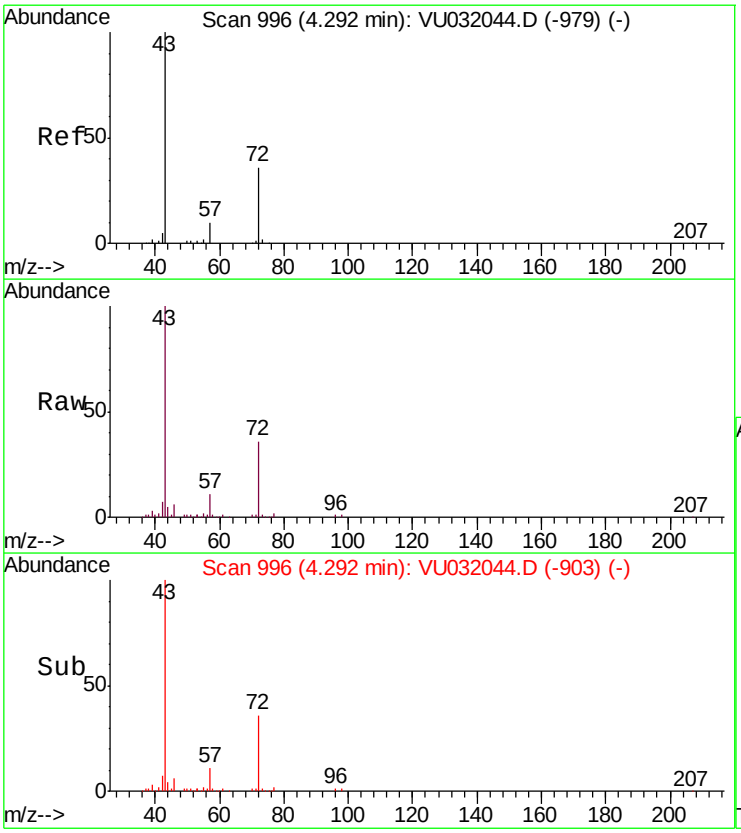
#19
1,1-Dichloroethane
Concen: 4.695 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 63 Resp: 148364

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.0	42.6
83	13.3	9.3	17.3

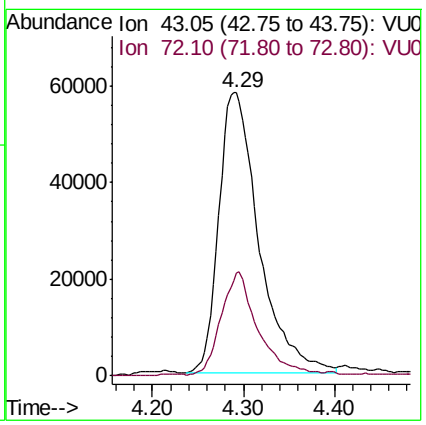


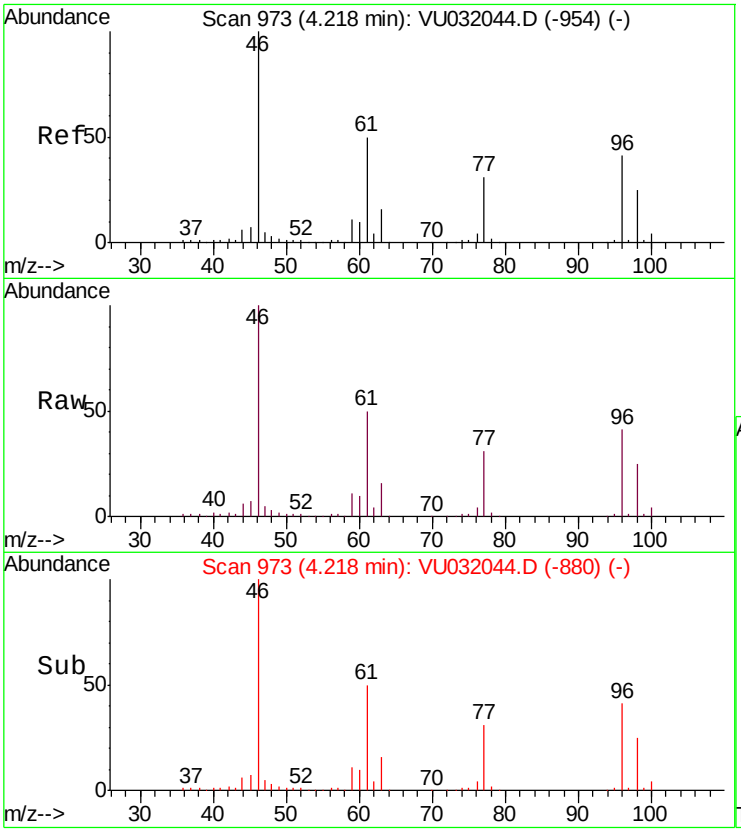


#21
2-Butanone
Concen: 42.473 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 43 Resp: 176943

Ion	Ratio	Lower	Upper
43	100		
72	33.5	16.8	50.3



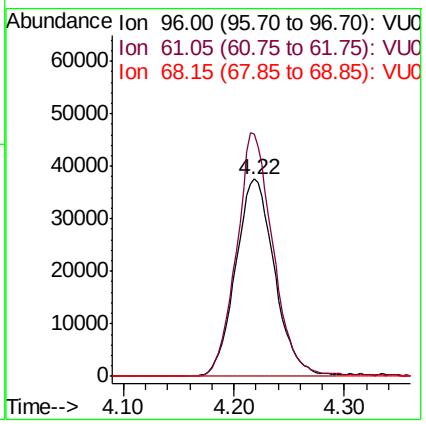


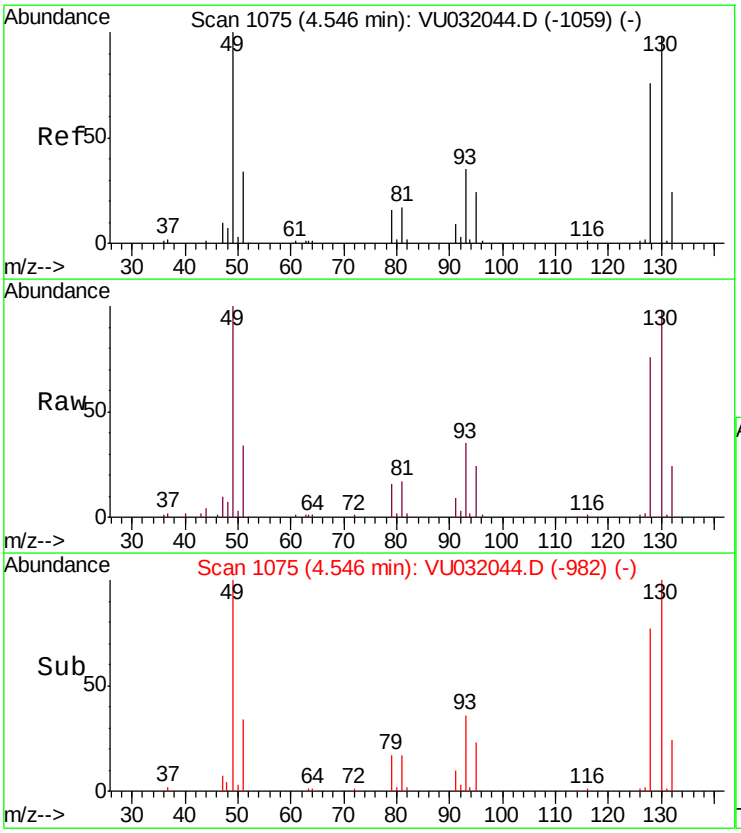
#22
cis-1,2-Dichloroethene
Concen: 4.944 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 96 Resp: 91988

Ion	Ratio	Lower	Upper
96	100		
61	122.6	85.8	159.4
68	0.0	0.0	0.0

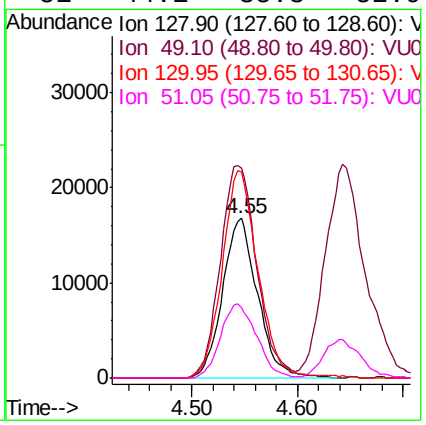


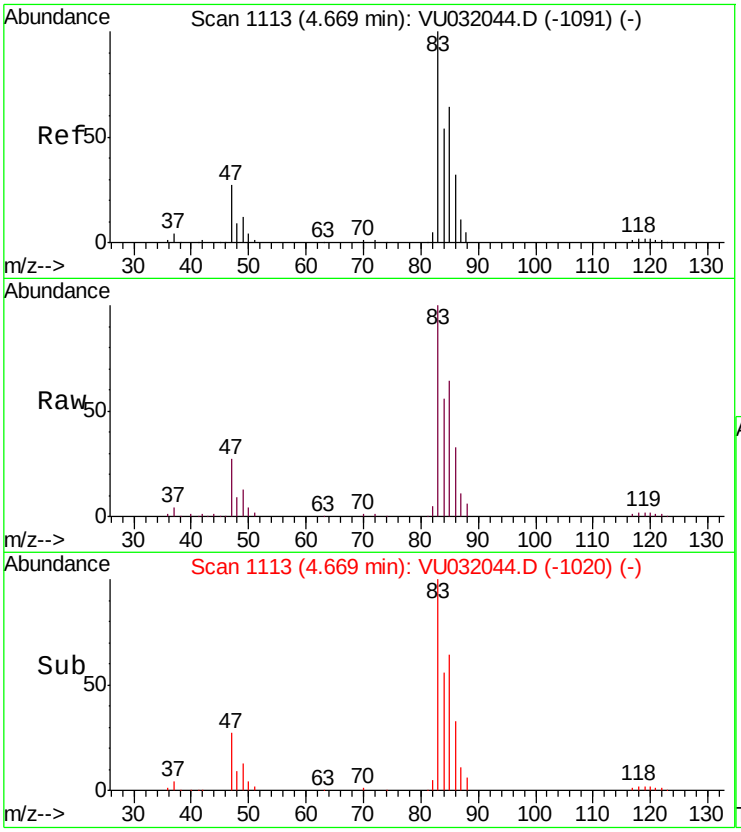


#23
Bromochloromethane
Concen: 4.816 ug/L
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:128 Resp: 38558

Ion	Ratio	Lower	Upper
128	100		
49	131.7	92.2	171.2
130	129.0	90.3	167.7
51	44.1	35.3	52.9



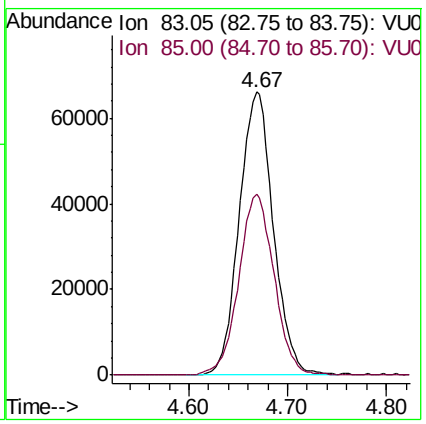


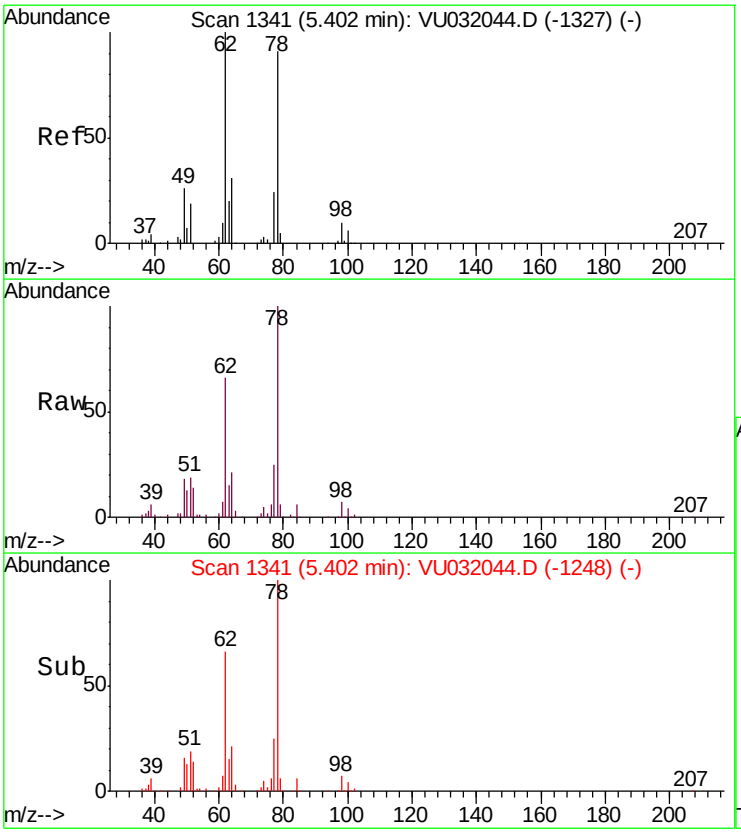
#25
Chloroform
Concen: 4.887 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 83 Resp: 158287

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.9	83.3

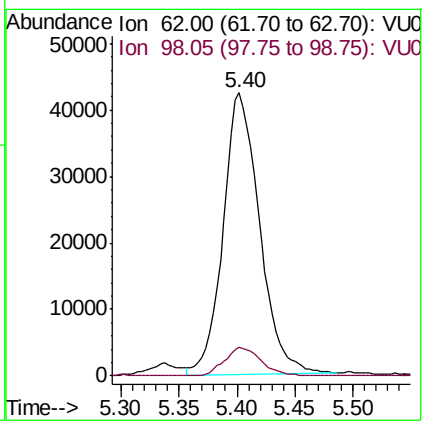


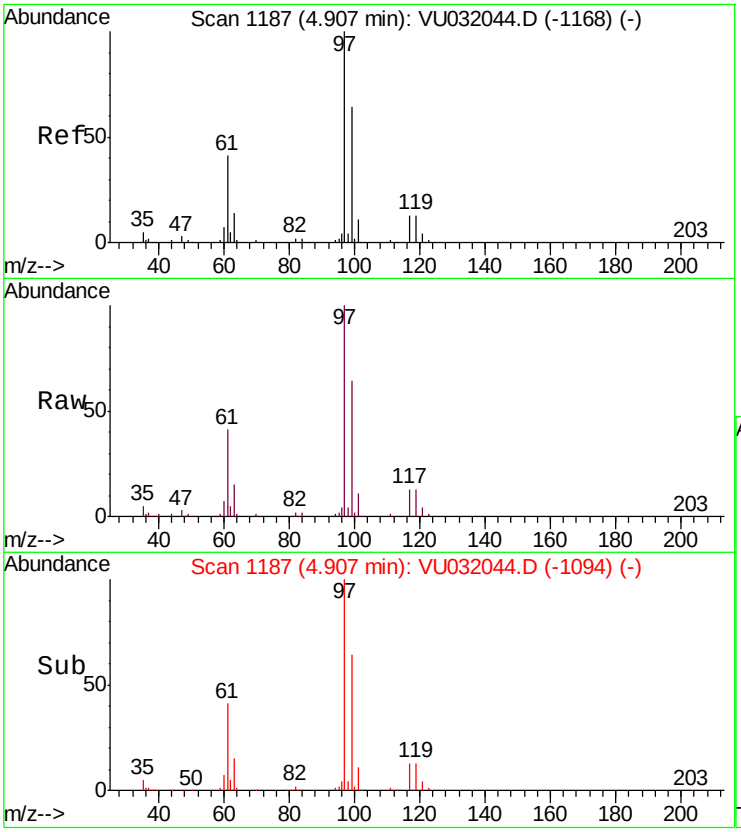


#27
1,2-Dichloroethane
Concen: 4.917 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 62 Resp: 92390

Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.0	12.0



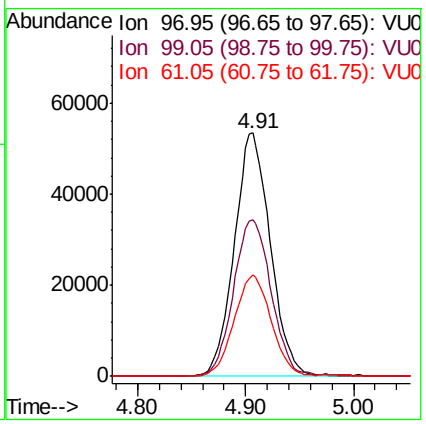


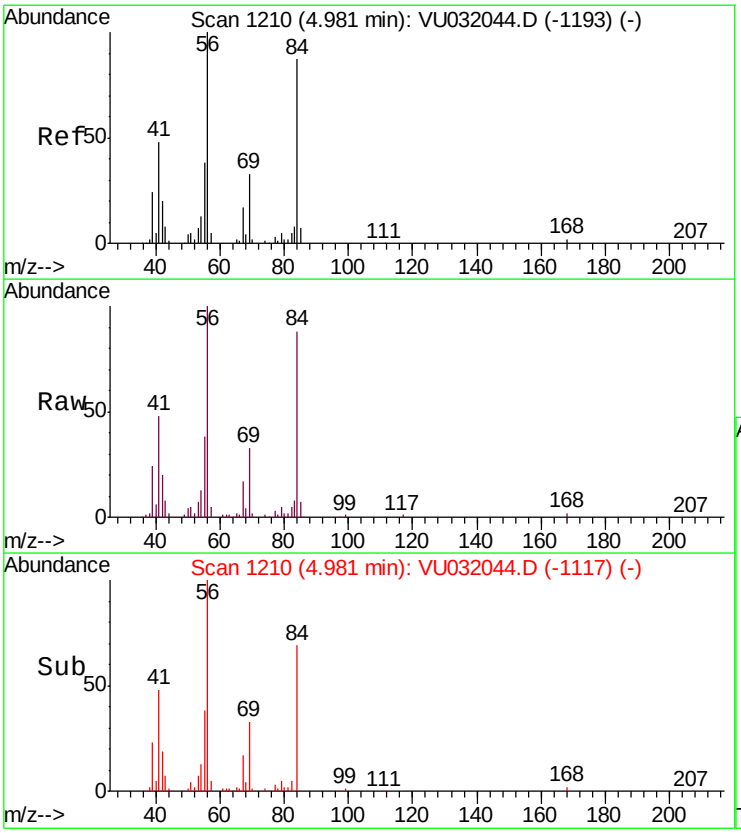
#29
1,1,1-Trichloroethane
Concen: 4.972 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 97 Resp: 124381

Ion	Ratio	Lower	Upper
97	100		
99	67.1	53.7	80.5
61	42.8	34.2	51.4

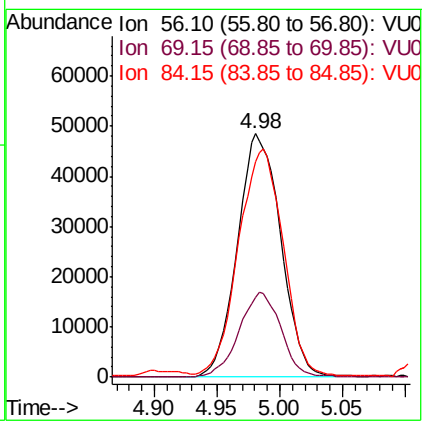


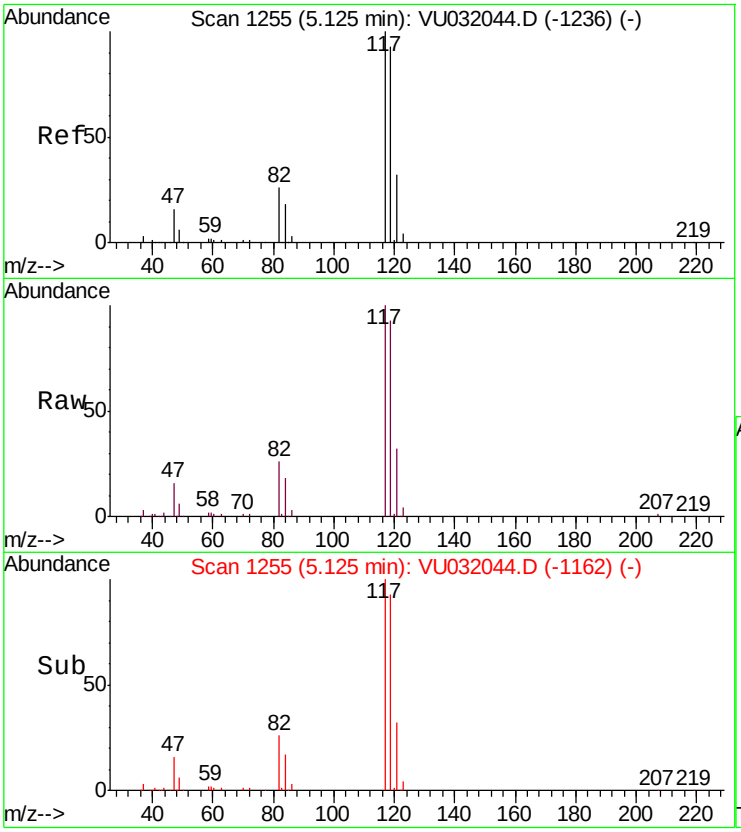


#30
Cyclohexane
Concen: 4.270 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 56 Resp: 116363

Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.9	40.3
84	95.8	76.6	115.0



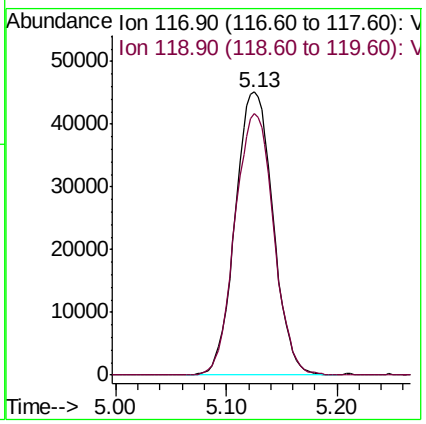


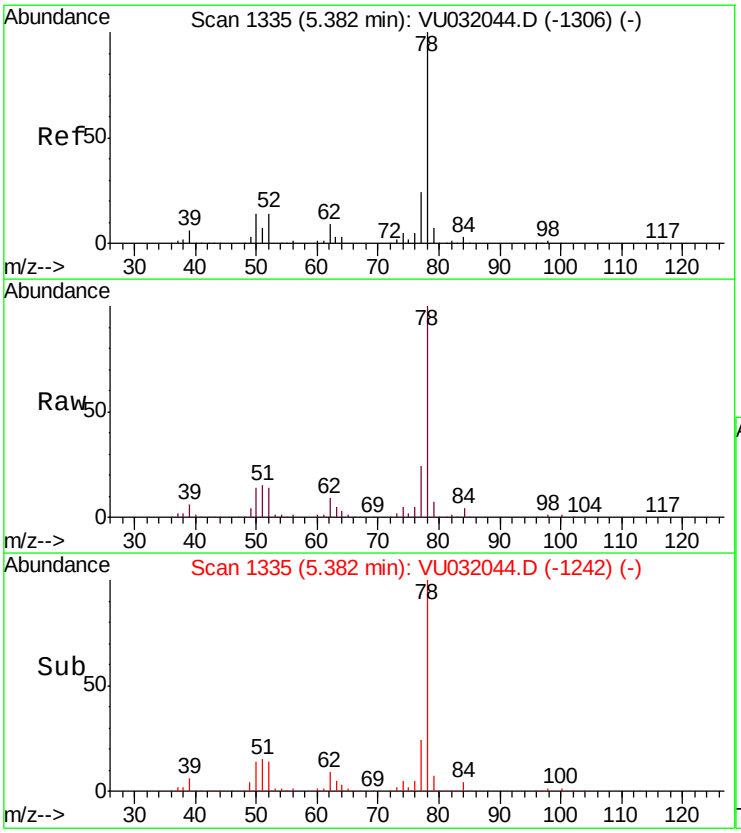
#31
Carbon tetrachloride
Concen: 5.034 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:117 Resp: 107054

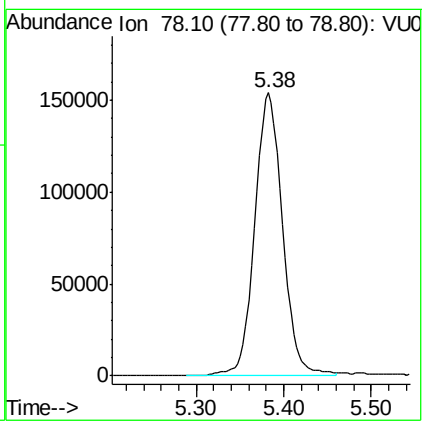
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6

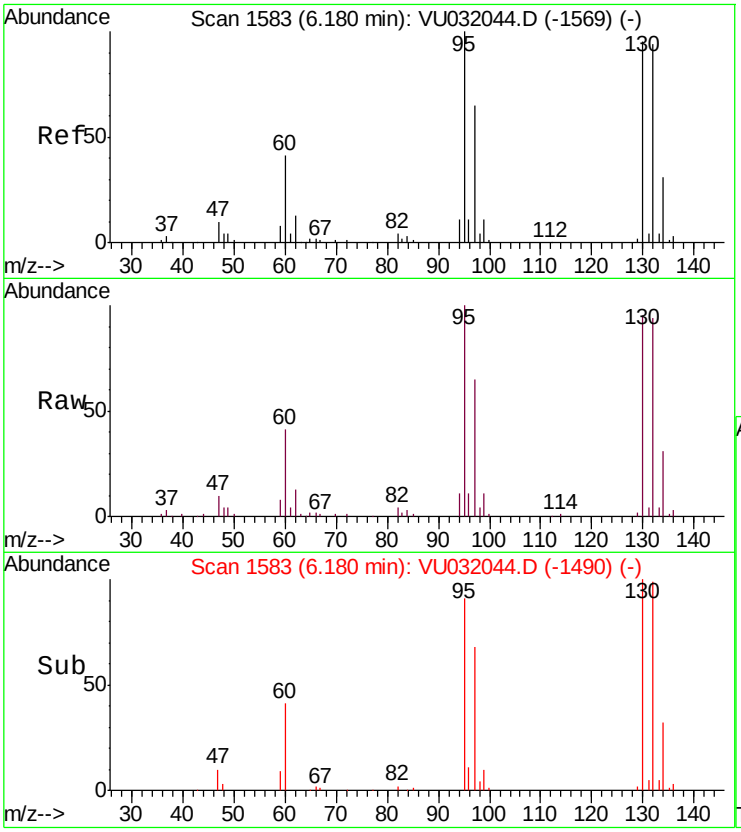




#33
Benzene
Concen: 4.738 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 78 Resp: 340683



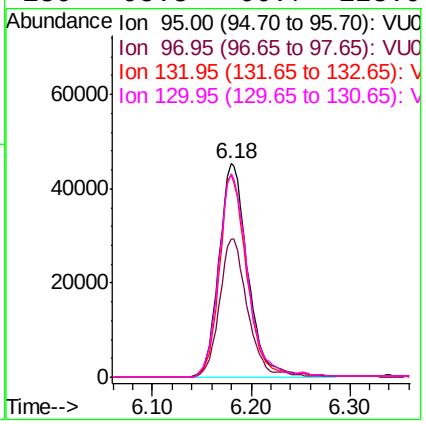


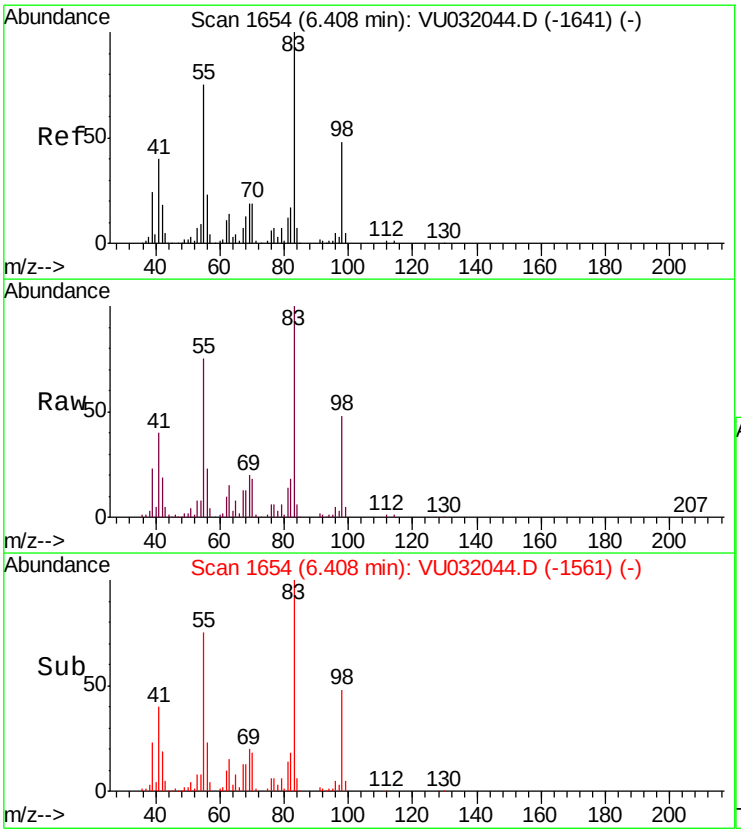
#34
Trichloroethene
Concen: 4.865 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 95 Resp: 92980

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.2	84.0
132	94.4	66.1	122.7
130	95.3	66.7	123.9

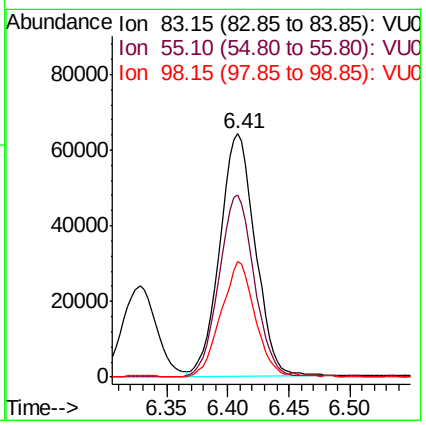


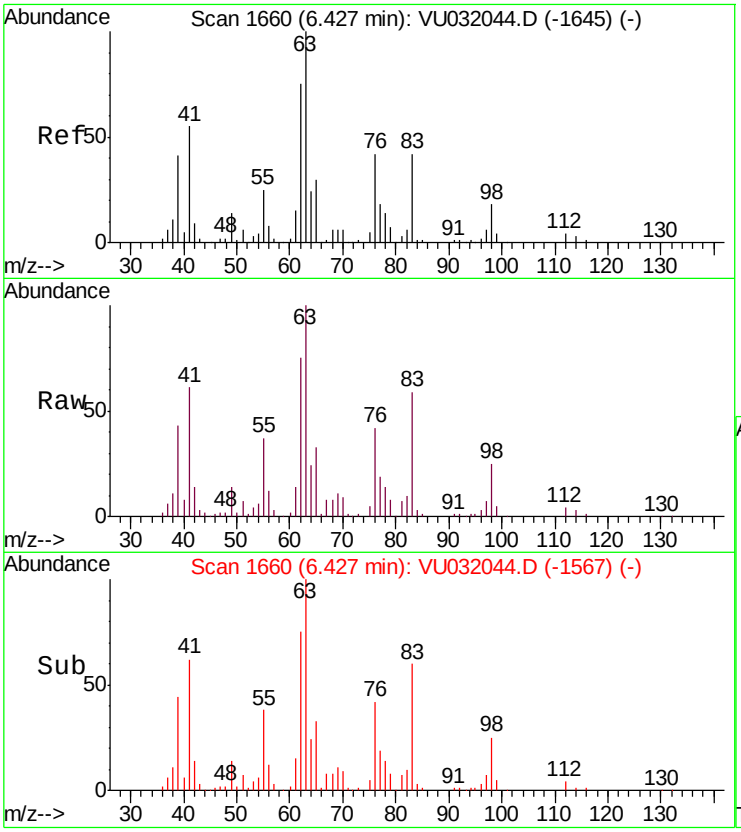


#35
Methylcyclohexane
Concen: 4.862 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 83 Resp: 130766

Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.7	89.5
98	46.0	36.8	55.2



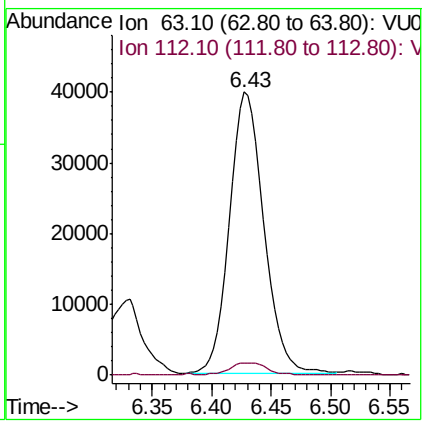


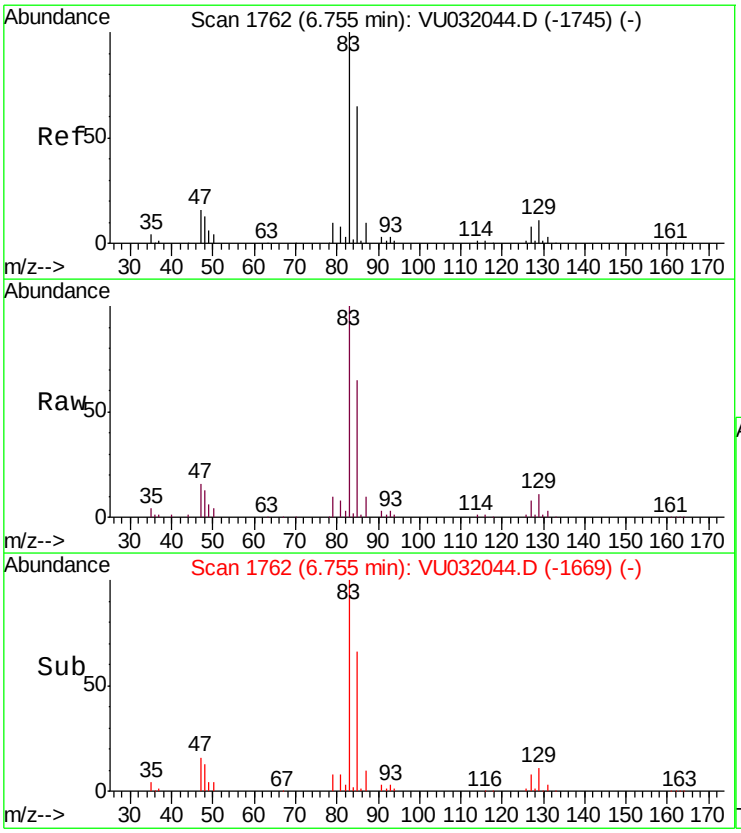
#37
1,2-Dichloropropane
Concen: 4.433 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 63 Resp: 79924

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.8	5.6

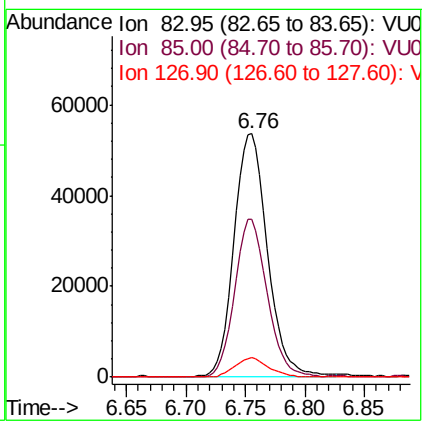


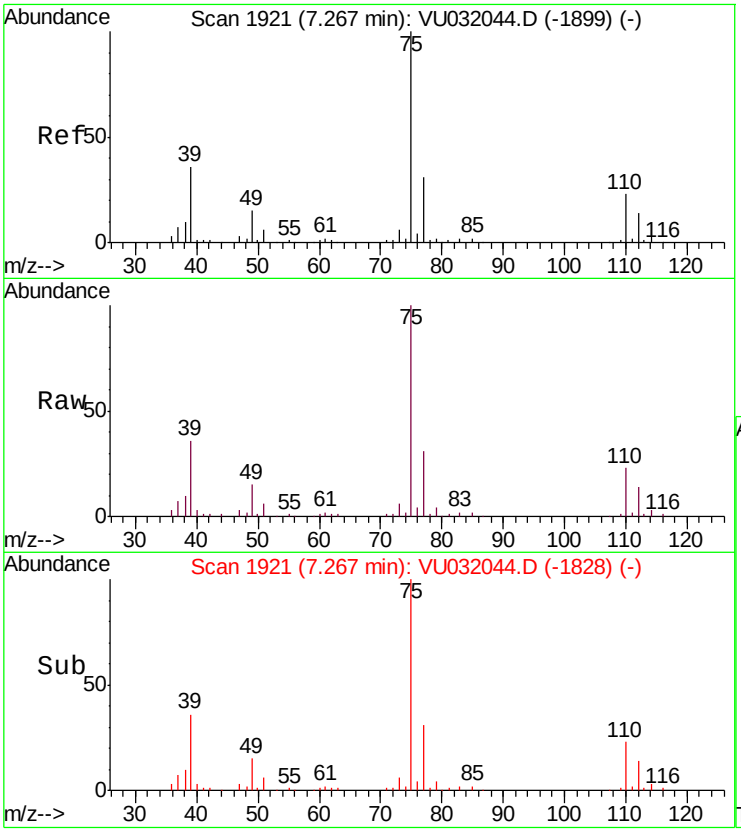


#38
Bromodichloromethane
Concen: 4.813 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 83 Resp: 104982

Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.5	84.5
127	7.9	6.3	9.5



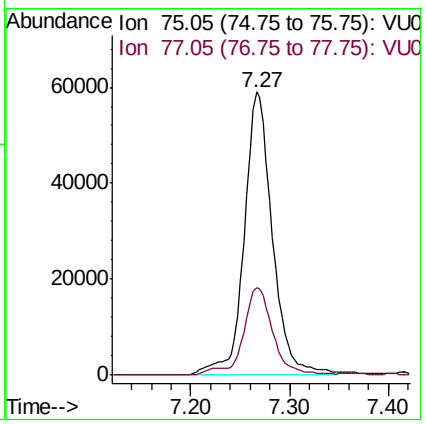


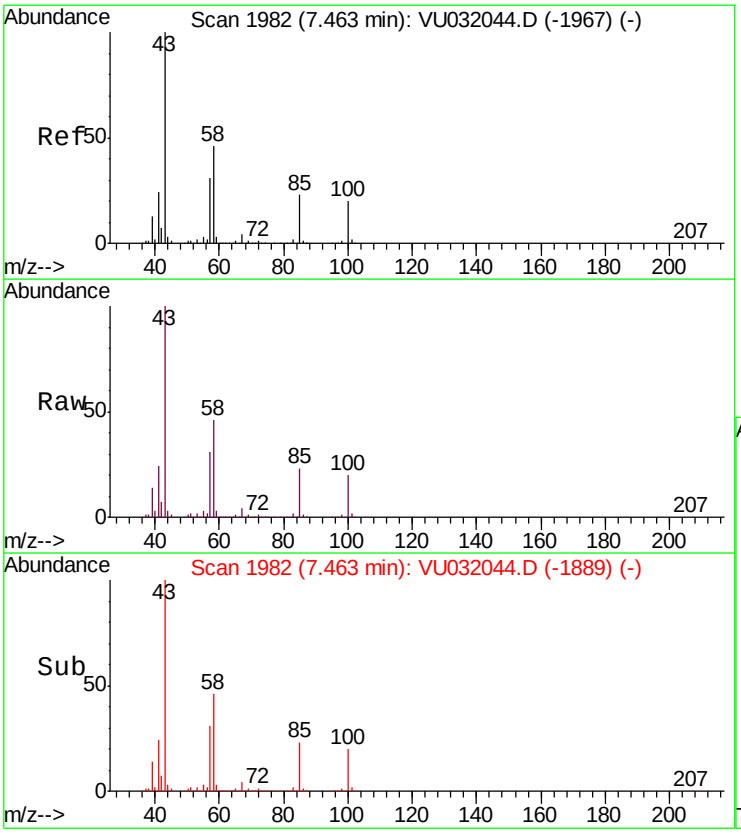
#39
cis-1,3-Dichloropropene
Concen: 4.975 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 75 Resp: 116616

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.7	40.3

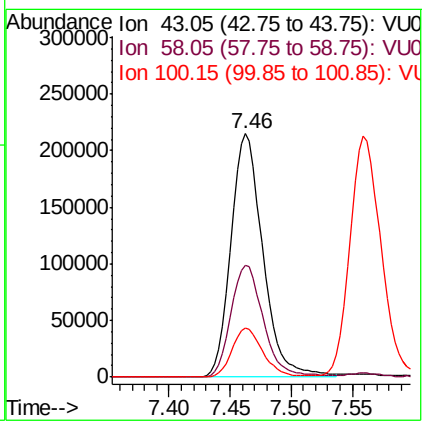


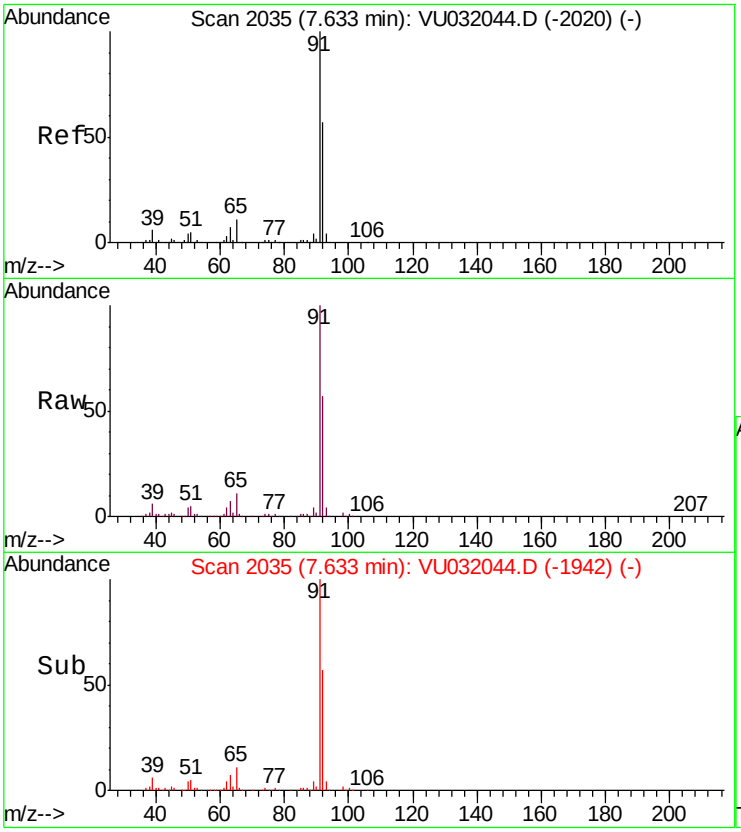


#40
4-Methyl-2-pentanone
Concen: 41.153 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 43 Resp: 392138

Ion	Ratio	Lower	Upper
43	100		
58	46.6	37.3	55.9
100	19.4	15.5	23.3



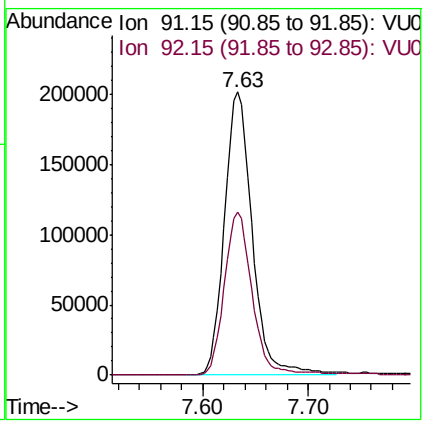


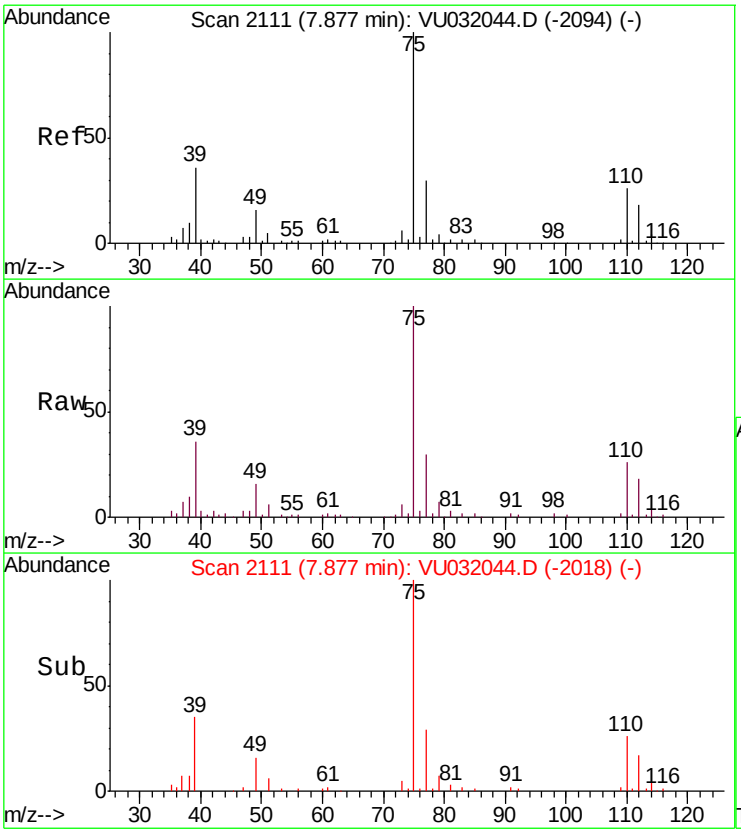
#42
Toluene
Concen: 5.010 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 91 Resp: 368324

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.2	74.6

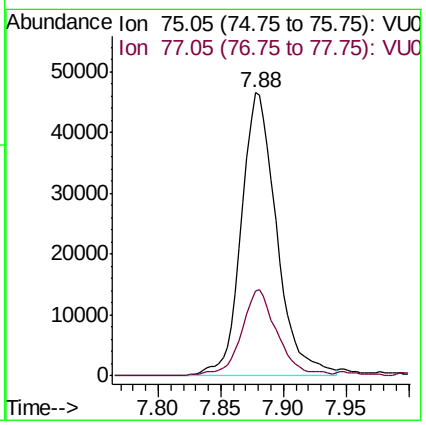


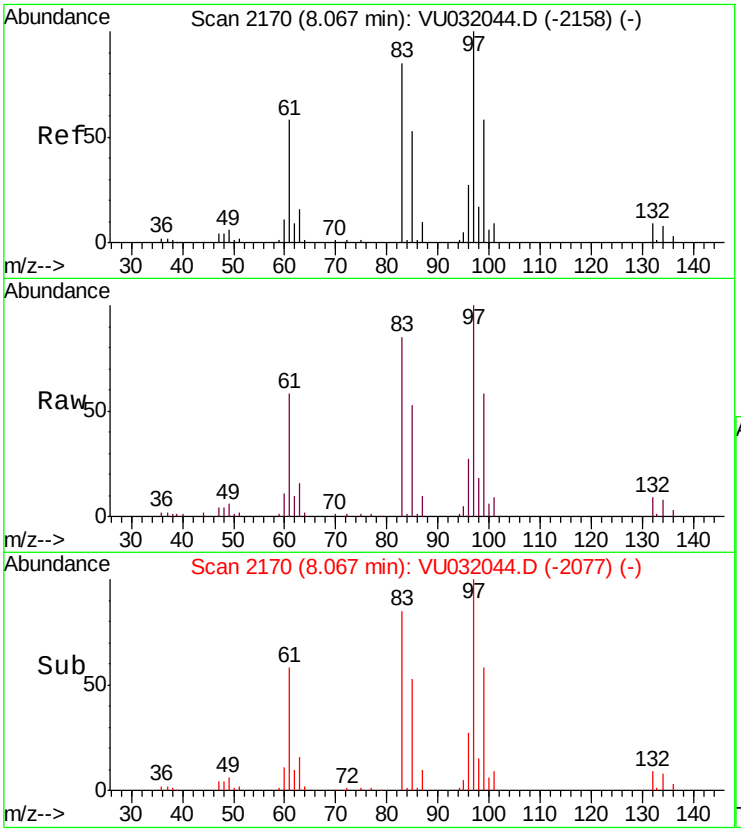


#44
trans-1,3-Dichloropropene
Concen: 4.940 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 75 Resp: 91002

Ion	Ratio	Lower	Upper
75	100		
77	30.0	21.0	39.0



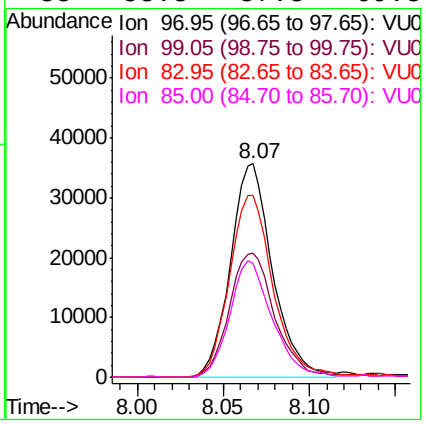


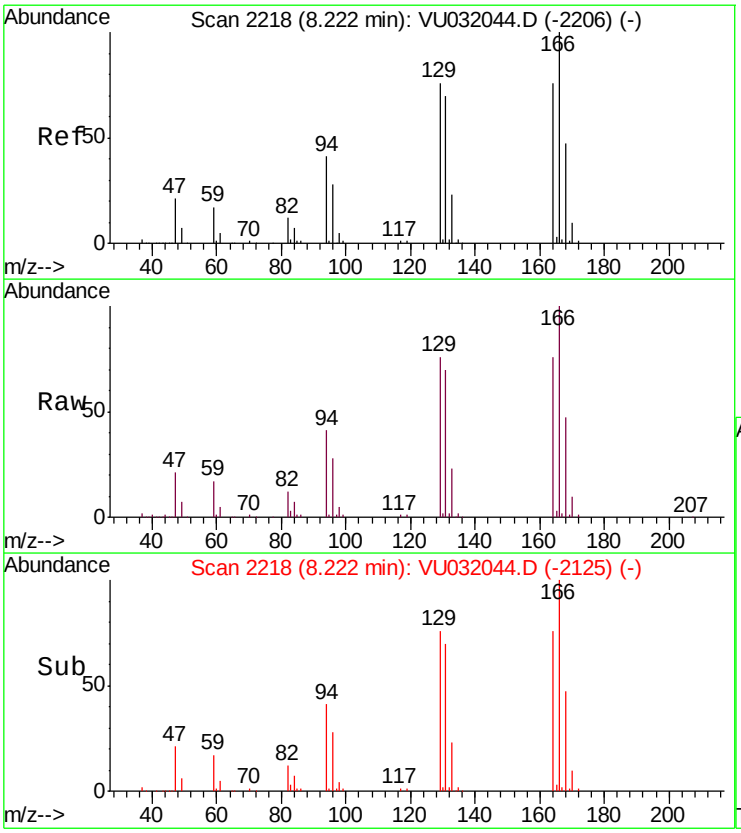
#45
1,1,2-Trichloroethane
Concen: 4.831 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 97 Resp: 61088

Ion	Ratio	Lower	Upper
97	100		
99	58.2	40.7	75.7
83	85.2	59.6	110.8
85	53.3	37.3	69.3

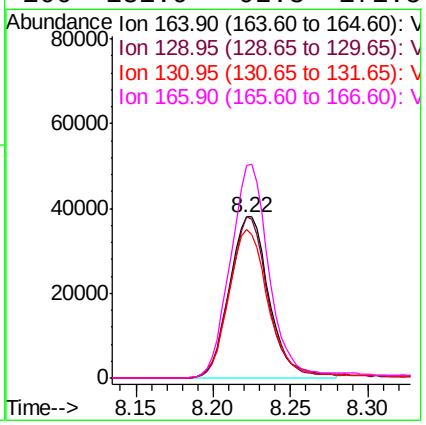


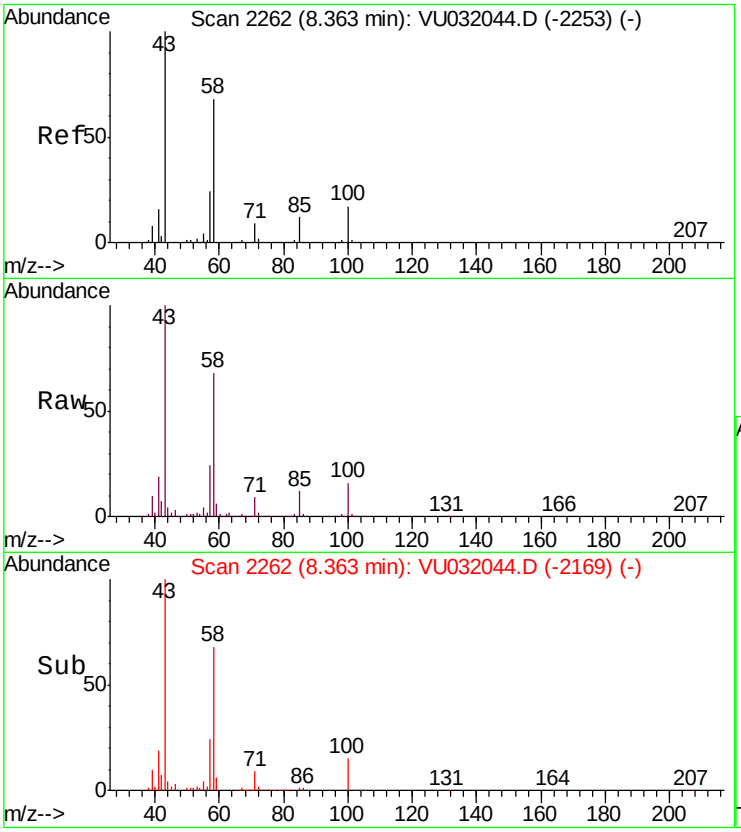


#47
Tetrachloroethene
Concen: 5.048 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:164 Resp: 68145

Ion	Ratio	Lower	Upper
164	100		
129	100.4	70.3	130.5
131	92.2	64.5	119.9
166	131.9	92.3	171.5



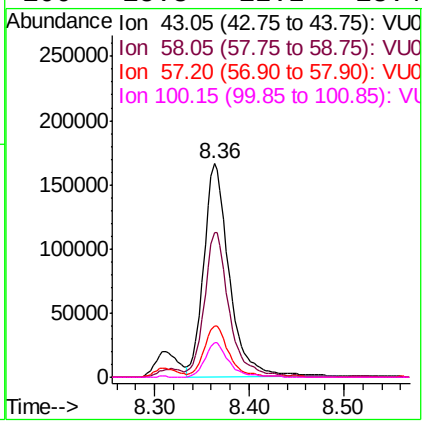


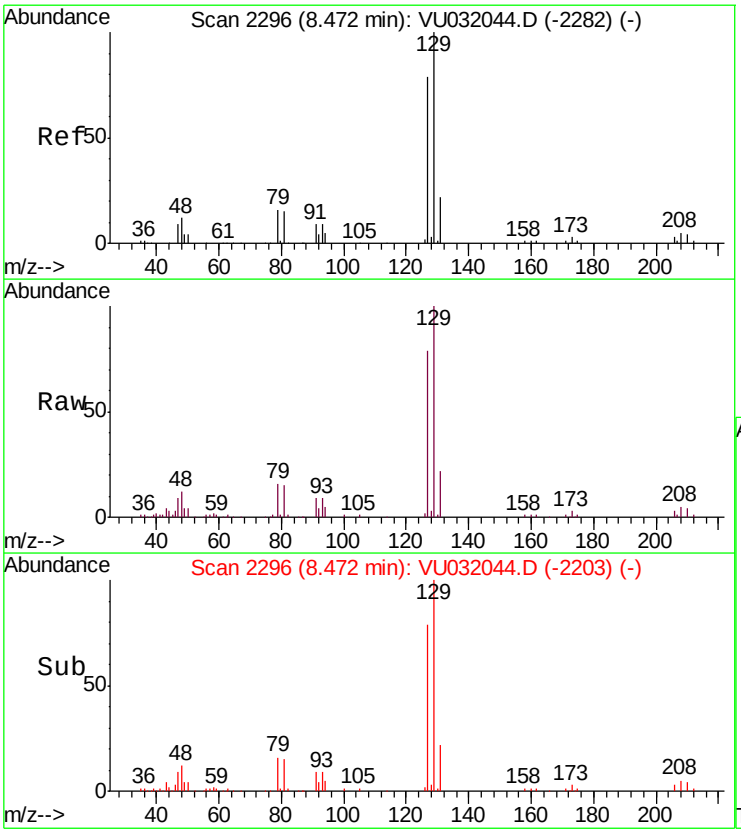
#48
2-Hexanone
Concen: 43.077 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 43 Resp: 309975

Ion	Ratio	Lower	Upper
43	100		
58	64.5	51.6	77.4
57	23.0	18.4	27.6
100	15.3	12.2	18.4

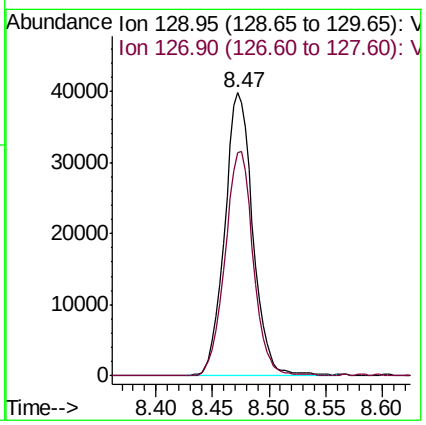


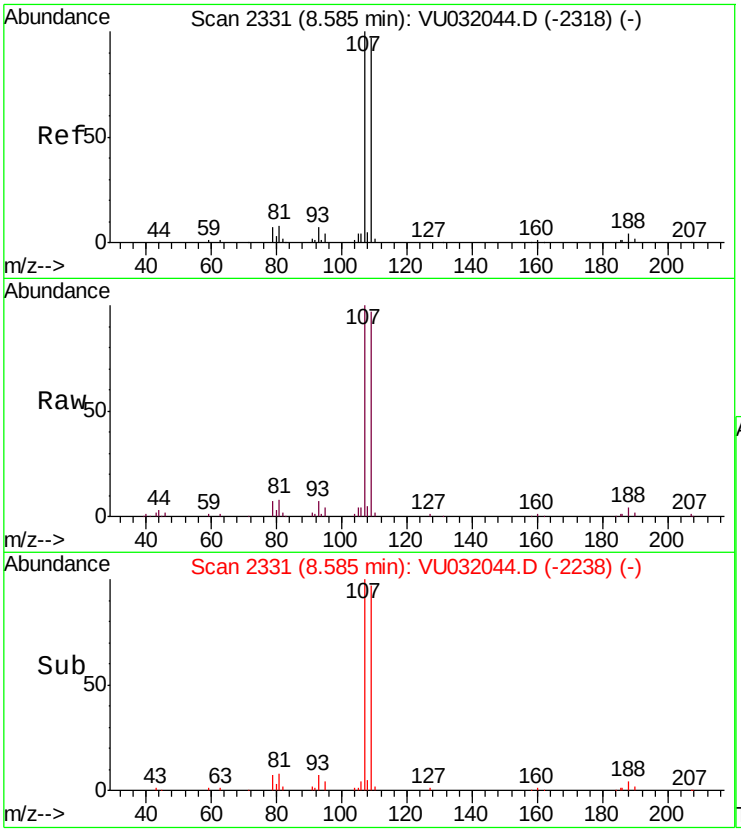


#49
Dibromochloromethane
Concen: 5.016 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:129 Resp: 69059

Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.2	102.6



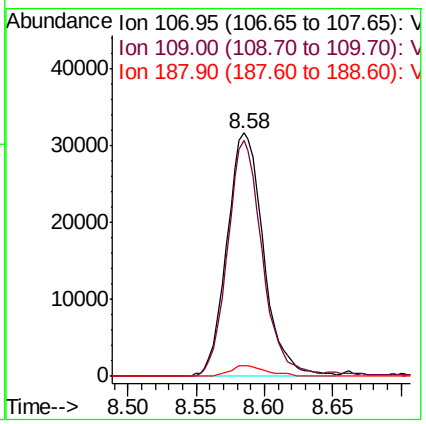


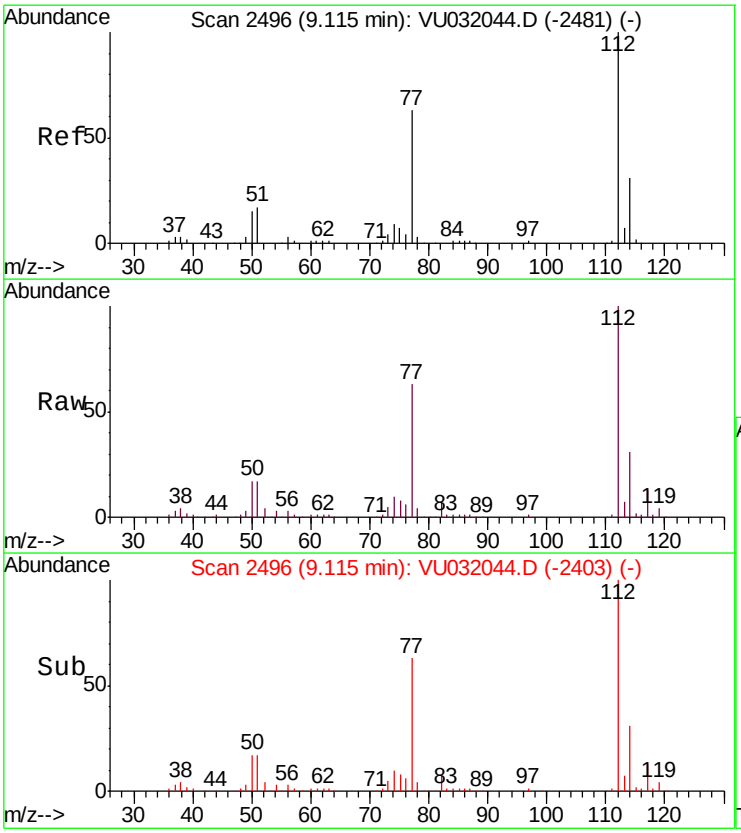
#50
1,2-Dibromoethane
Concen: 5.078 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:107 Resp: 58929

Ion	Ratio	Lower	Upper
107	100		
109	96.8	67.8	125.8
188	4.4	3.5	5.3

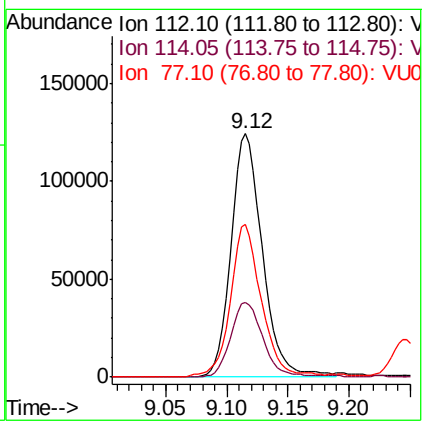


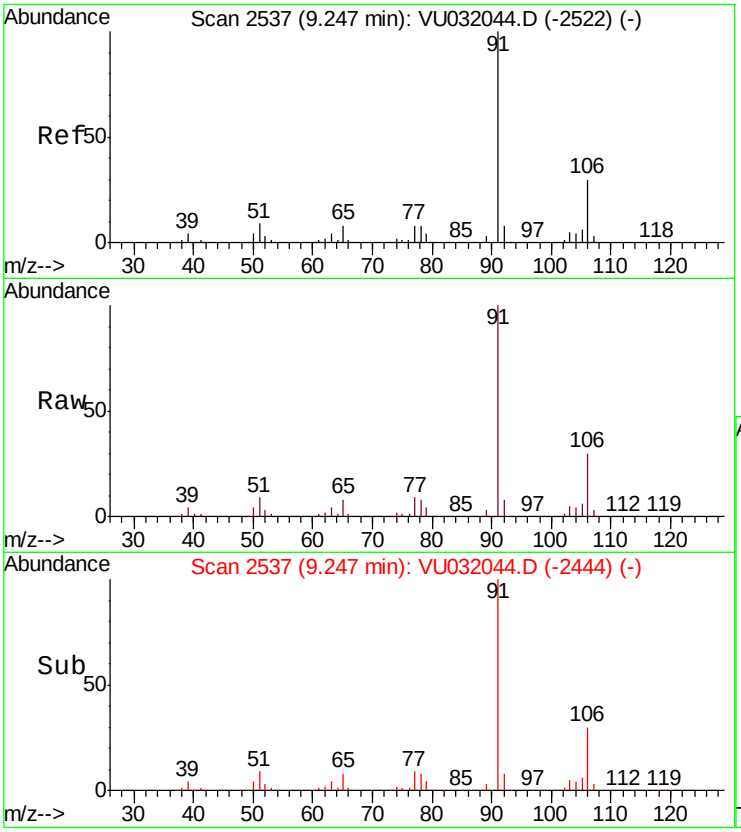


#51
Chlorobenzene
Concen: 4.923 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:112 Resp: 222238

Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.6	40.2
77	62.9	50.3	75.5



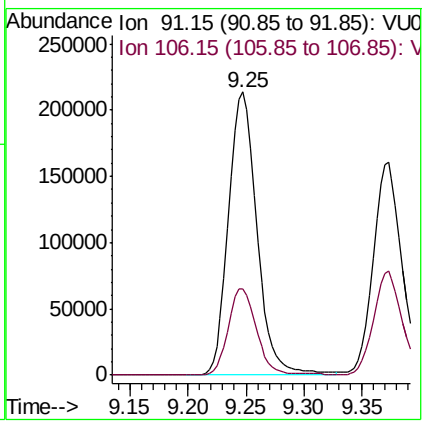


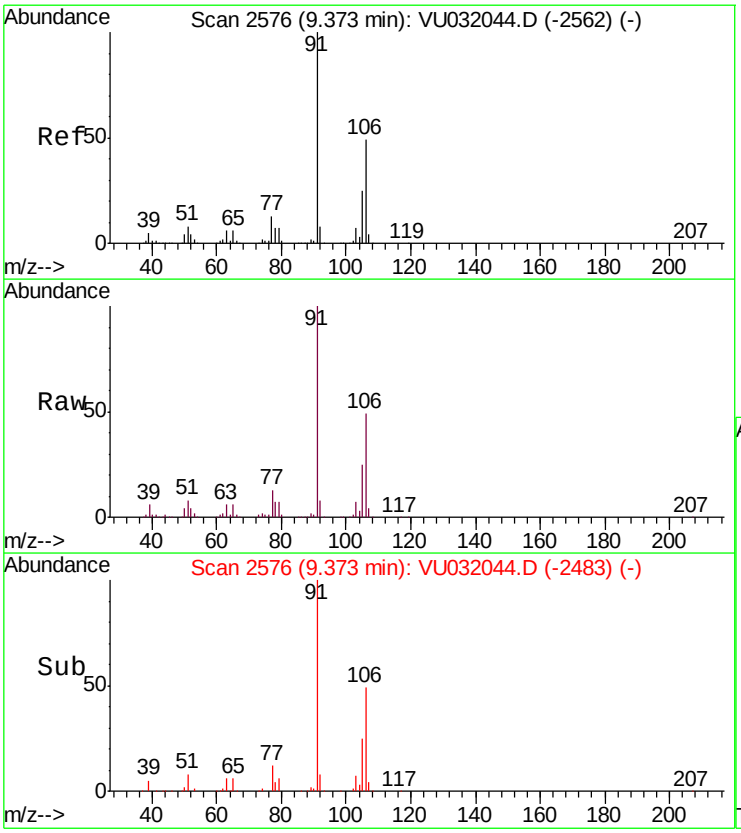
#52
Ethylbenzene
Concen: 4.921 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 91 Resp: 363161

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.3	39.6

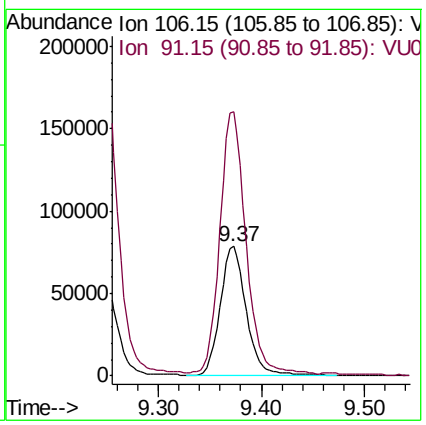


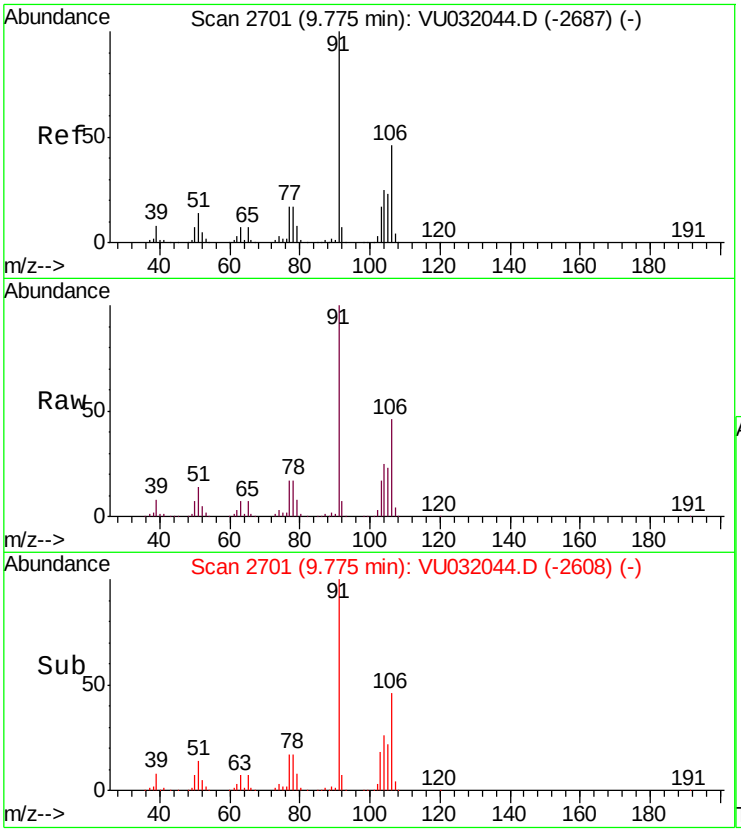


#53
m,p-Xylene
Concen: 4.957 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:106 Resp: 135096

Ion	Ratio	Lower	Upper
106	100		
91	204.5	143.1	265.9



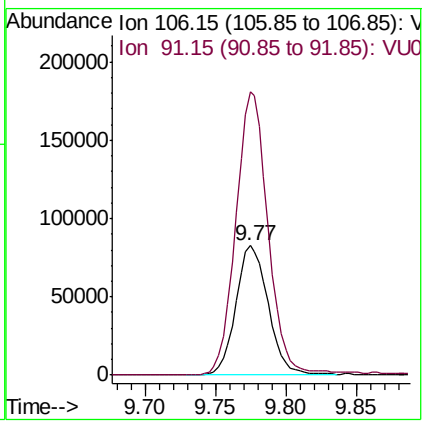


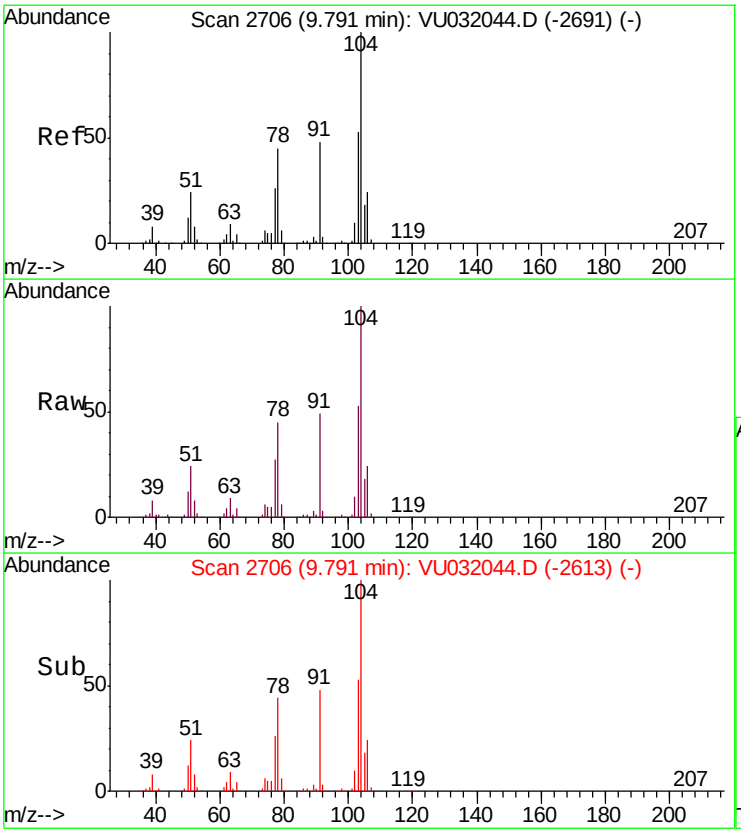
#54
o-Xylene
Concen: 5.055 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:106 Resp: 134047

Ion	Ratio	Lower	Upper
106	100		
91	218.4	152.9	283.9

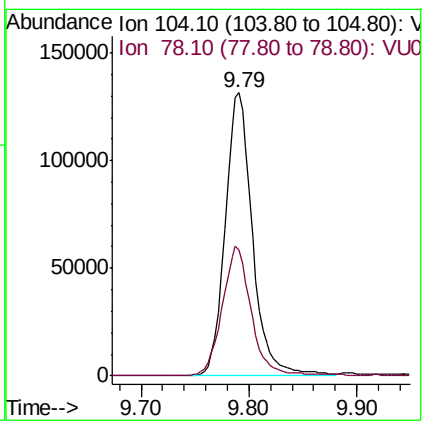


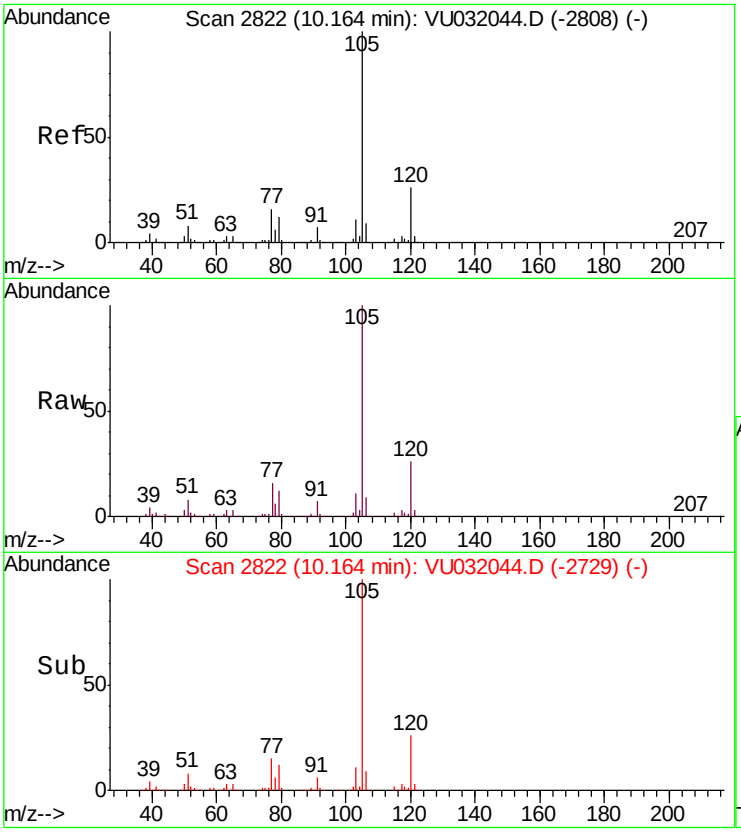


#55
Styrene
Concen: 5.380 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:104 Resp: 232004

Ion	Ratio	Lower	Upper
104	100		
78	44.6	31.2	58.0



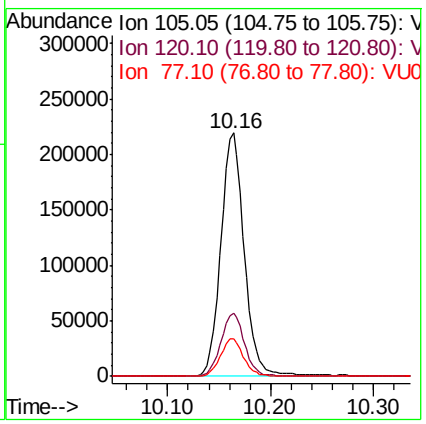


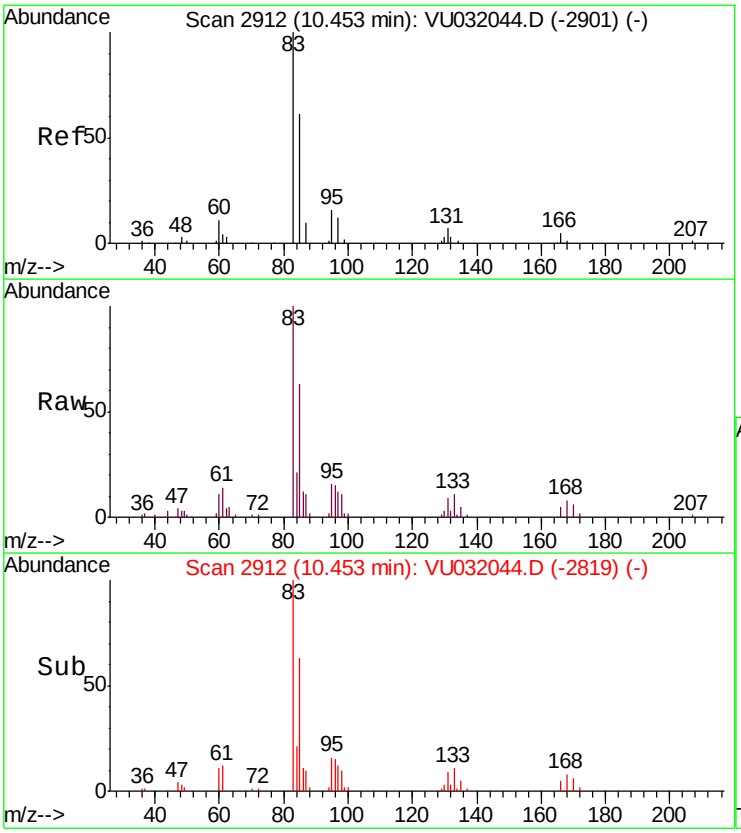
#56
Isopropylbenzene
Concen: 5.152 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:105 Resp: 347119

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.7	31.1
77	15.4	12.3	18.5

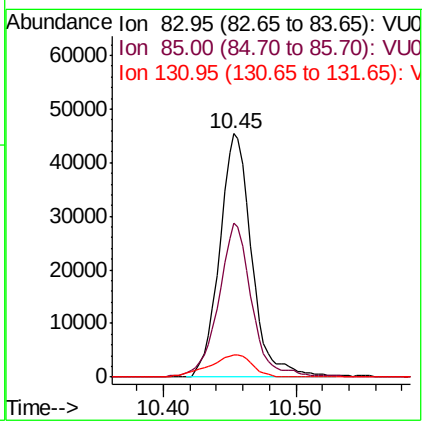


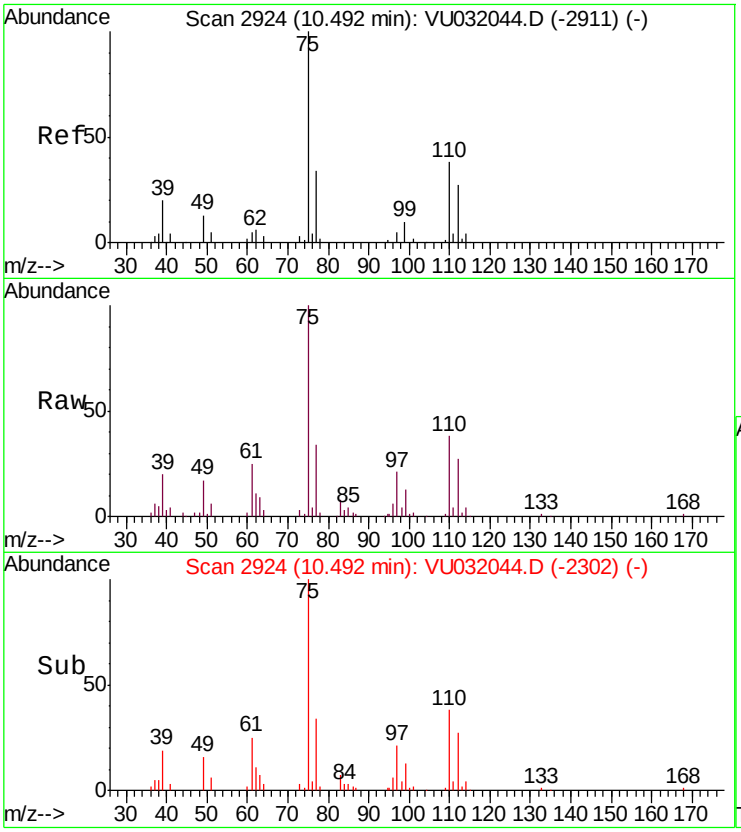


#58
1,1,2,2-Tetrachloroethane
Concen: 4.891 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 83 Resp: 76225

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.3	82.3
131	9.3	7.4	11.2



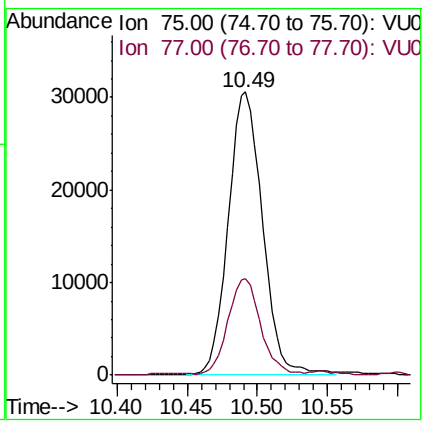


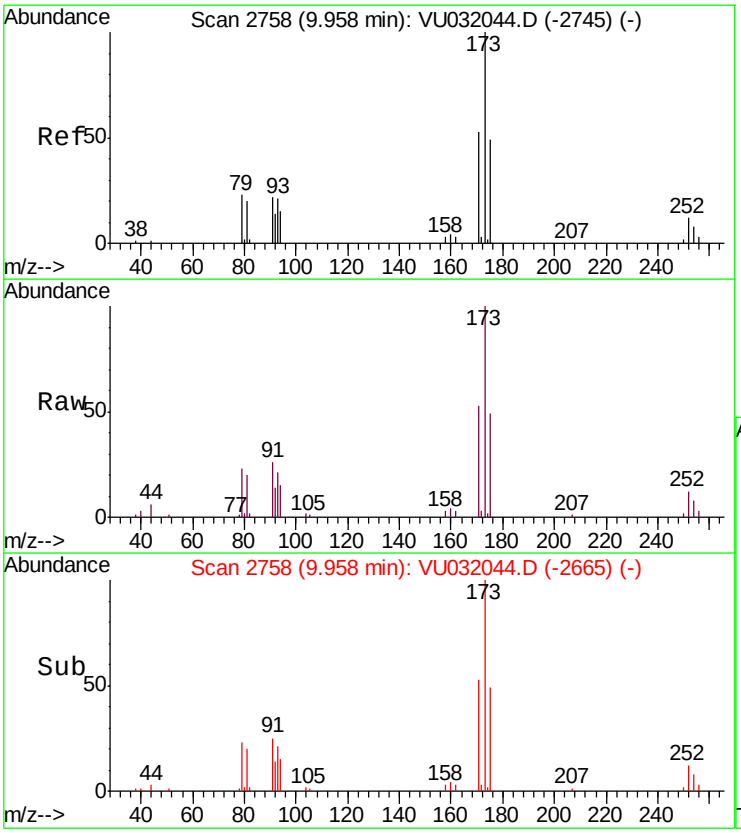
#59
1,2,3-Trichloropropane
Concen: 4.758 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 75 Resp: 52161

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2

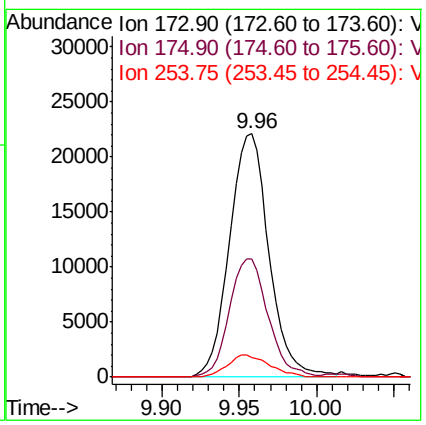


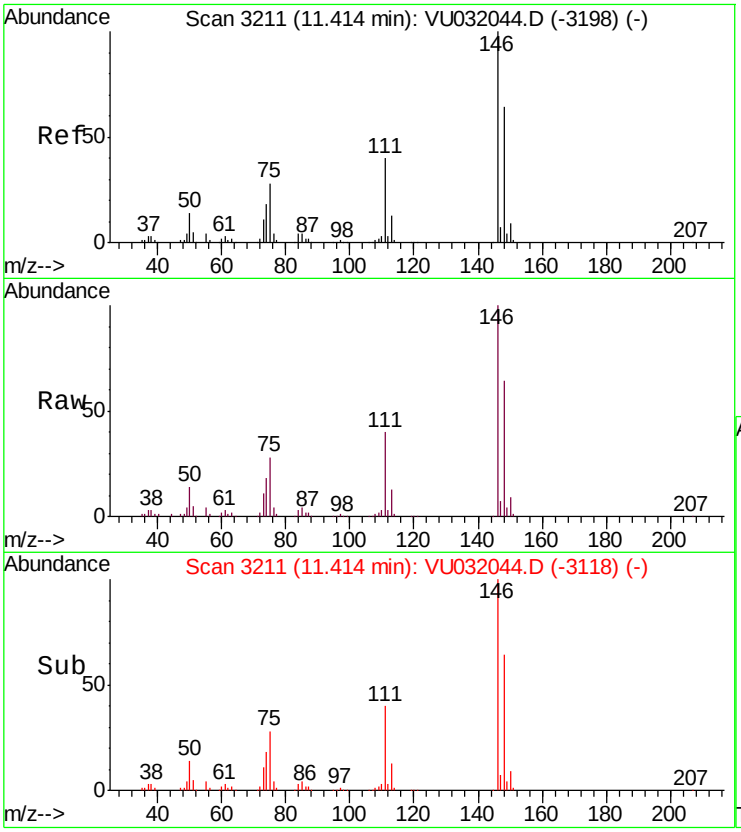


#61
Bromoform
Concen: 5.311 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:173 Resp: 39224

Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.0	57.0
254	9.7	7.8	11.6



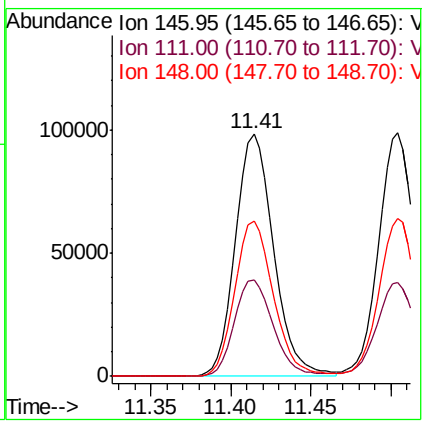


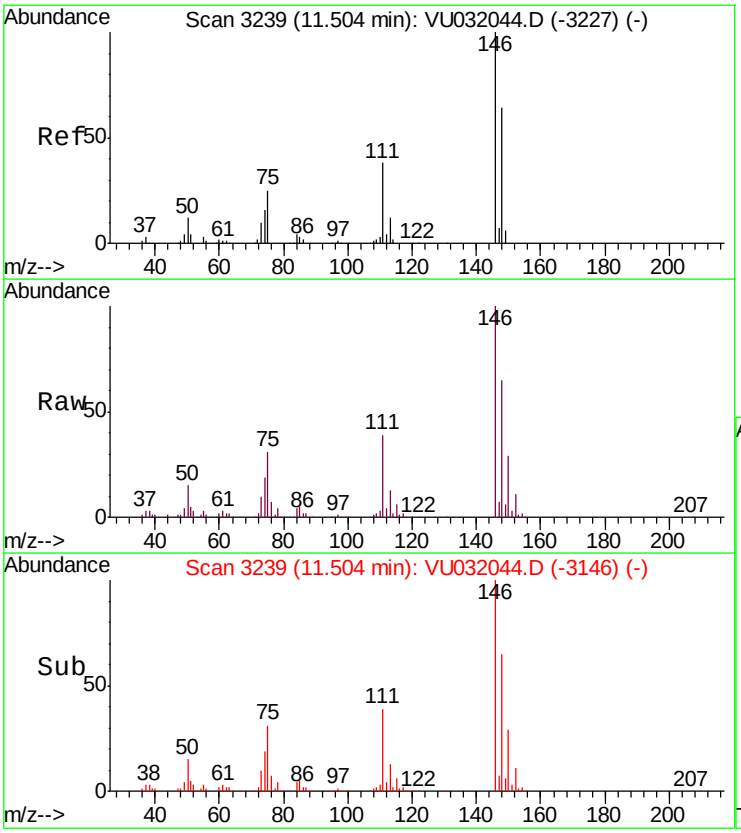
#62
1,3-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion:146 Resp: 160463

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.7	51.5
148	64.1	44.9	83.3

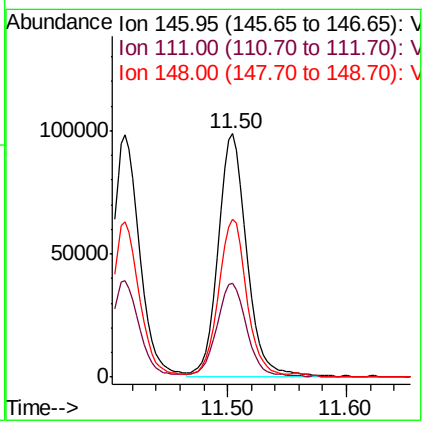


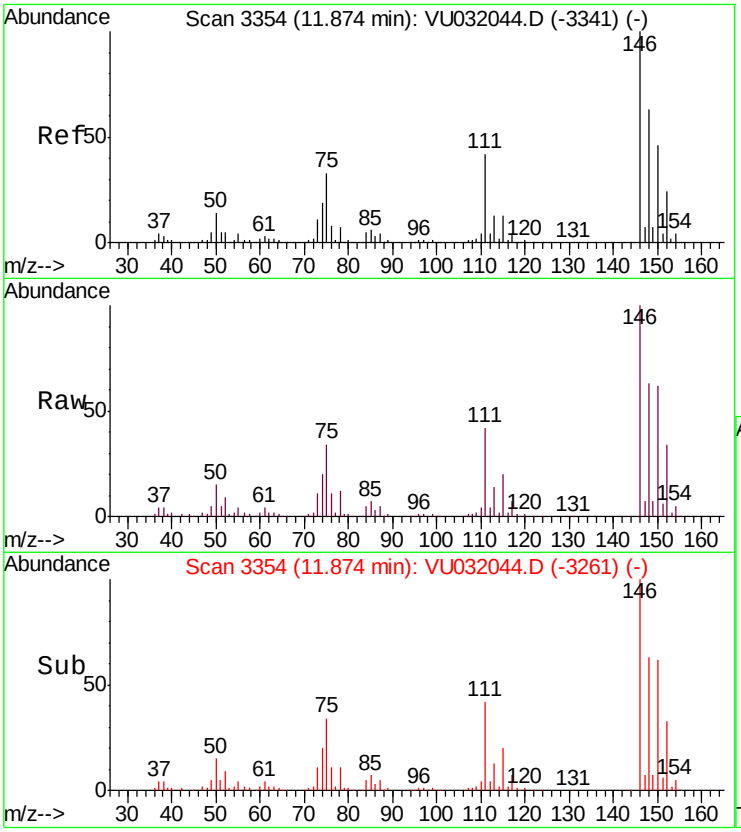


#63
1,4-Dichlorobenzene
Concen: 5.032 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:146 Resp: 163797

Ion	Ratio	Lower	Upper
146	100		
111	38.7	27.1	50.3
148	64.9	45.4	84.4



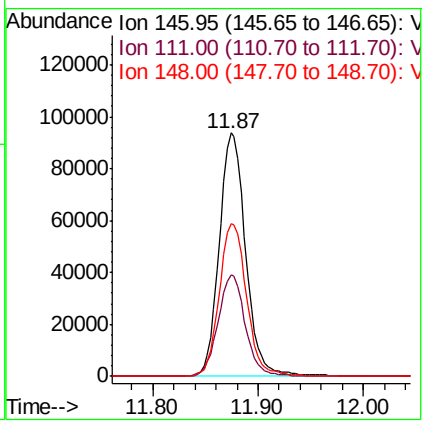


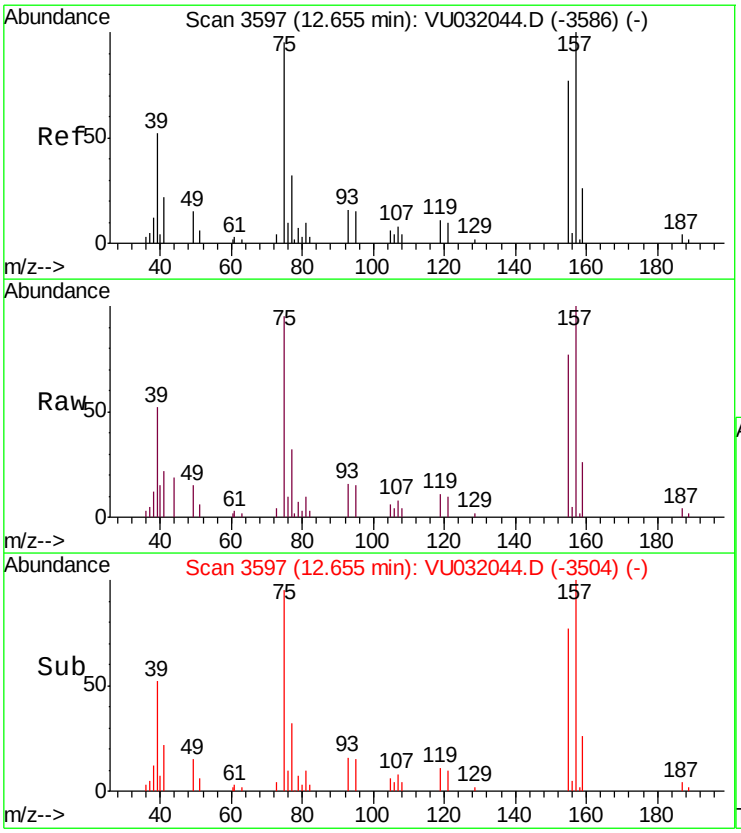
#65
1,2-Dichlorobenzene
Concen: 5.147 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:146 Resp: 162767

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.5	50.3
148	62.8	50.2	75.4

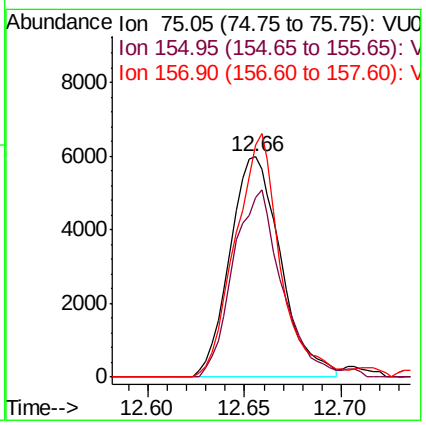


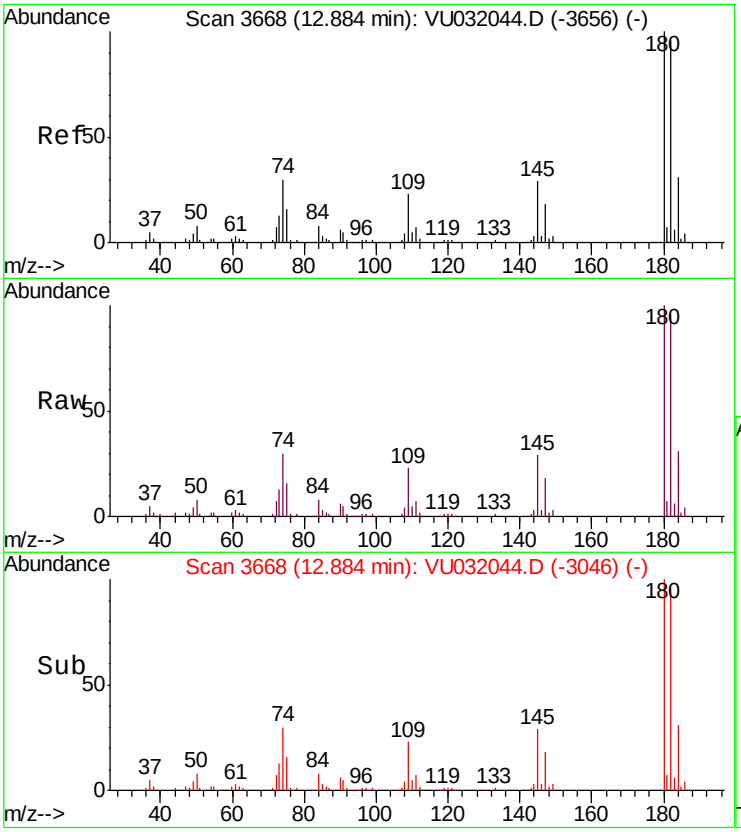


#66
1,2-Dibromo-3-chloropropane
Concen: 4.965 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion: 75 Resp: 10935

Ion	Ratio	Lower	Upper
75	100		
155	81.3	65.0	97.6
157	105.4	84.3	126.5



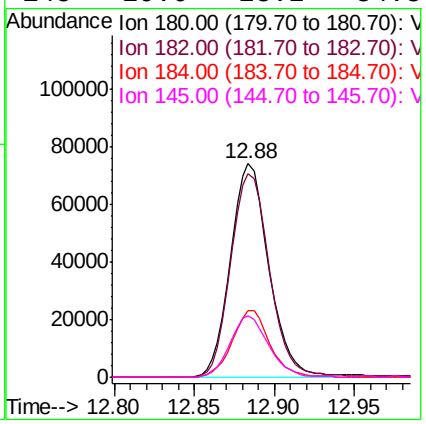


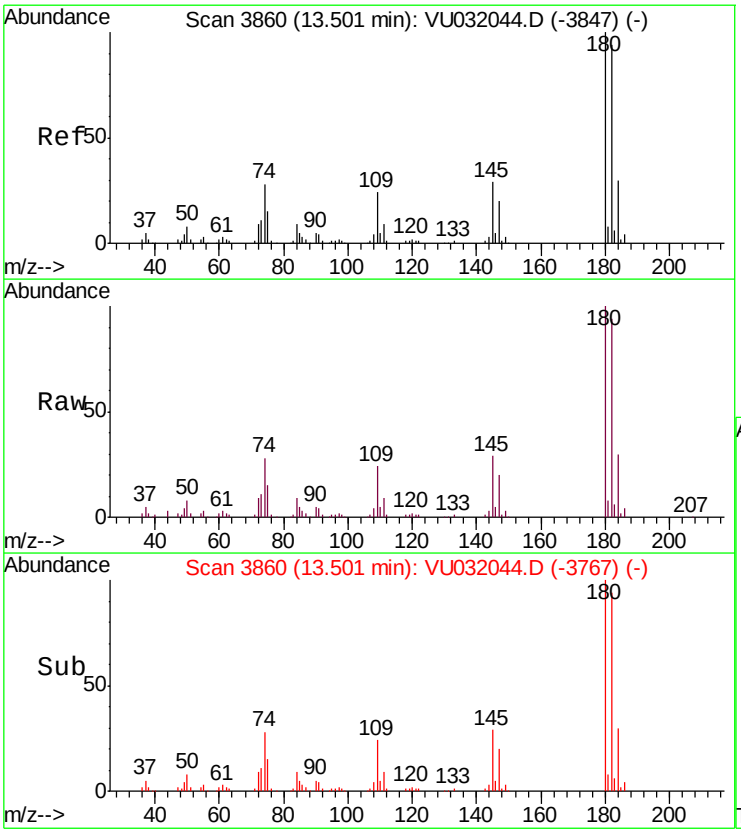
#67
1,3,5-Trichlorobenzene
Concen: 5.233 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:180 Resp: 120901

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
184	30.6	24.5	36.7
145	29.0	23.2	34.8

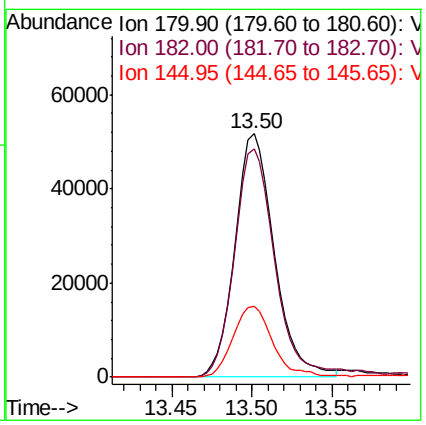


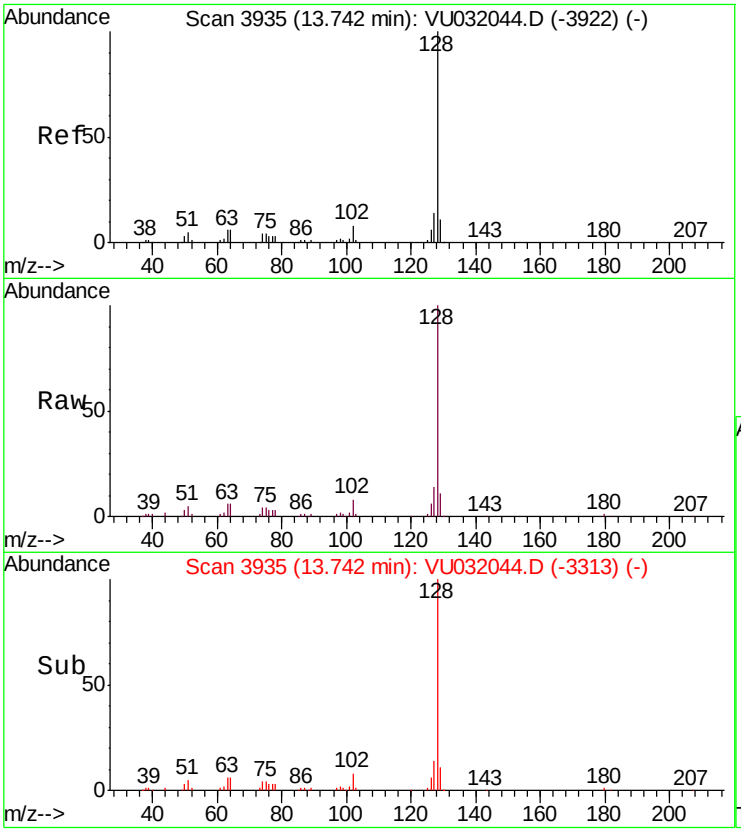


#68
1,2,4-trichlorobenzene
Concen: 5.463 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:180 Resp: 86664

Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.4	117.6
145	29.4	23.5	35.3



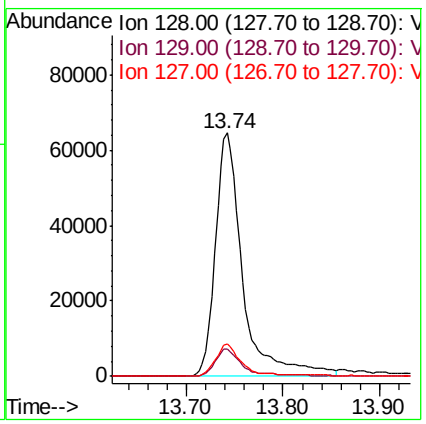


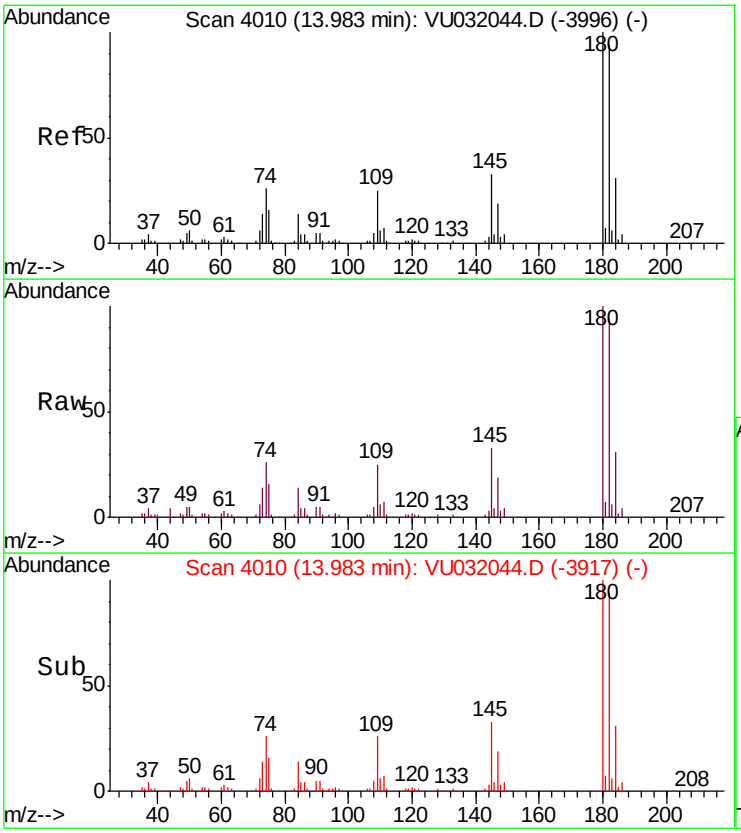
#69
Naphthalene
Concen: 4.758 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:128 Resp: 126847

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.0	12.0
127	12.6	10.1	15.1





#70
1,2,3-Trichlorobenzene
Concen: 5.342 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU032044.D
Acq: 16 May 2019 13:04

Tgt Ion:180 Resp: 86531

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	31.5	25.2	37.8