Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

Quantitation Report (Not Reviewed)

Data File : VU036550.D
Acq On : 24 Jan 2020 12:27
Operator : JC/MD
Sample : VSTD00505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Quant Time: Jan 24 22:52:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 22:48:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	153488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143553	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	72816	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	42291	5.00	ug/L	0.00
7) Chloroethane-d5	1.93	69	38511	5.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	17488	5.00	ug/L	0.00
20) 2-Butanone-d5	4.69	46	92996	50.00	ug/L	0.00
24) Chloroform-d	5.11	84	79707	5.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	40521	5.00	ug/L	0.00
32) Benzene-d6	5.77	84	169811	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	52629	5.00	ug/L	0.00
41) Toluene-d8	7.93	98	165992	5.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	21243	5.00	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	98979	50.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	42242	5.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	60938	5.00	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	55271	5.000	ug/L	100
3) Chloromethane	1.53	50	57569	5.000	ug/L	100
5) Vinyl chloride	1.62	62	64089	5.000	ug/L	100
6) Bromomethane	1.87	94	37382	5.000	ug/L	100
8) Chloroethane	1.95	64	37312	5.000	ug/L	100
9) Trichlorofluoromethane	2.16	101	74568	5.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	46879	5.000	ug/L	100
12) 1,1-Dichloroethene	2.60	96	45748	5.000	ug/L	100
13) Acetone	2.68	43	66449	50.000	ug/L	100
14) Carbon disulfide	2.82	76	143065	5.000	ug/L	100
15) Methyl Acetate	2.99	43	16209	5.000	ug/L	100
16) Methylene chloride	3.08	84	51931	5.000	ug/L	100
17) Methyl tert-butyl Ether	3.41	73	116365	5.000	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	49220	5.000	ug/L	100
19) 1,1-Dichloroethane	3.91	63	85907	5.000	ug/L	100
21) 2-Butanone	4.77	43	111045	50.000	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	54572	5.000	ug/L	100
23) Bromochloromethane	5.02	128	23699	5.000	ug/L	100
25) Chloroform	5.13	83	85056	5.000	ug/L	100
27) 1,2-Dichloroethane	5.83	62	53444	5.000	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	69951	5.000	ug/L	100
30) Cyclohexane	5.43	56	80276	5.000	ug/L	100
31) Carbon tetrachloride	5.56	117	60748	5.000	ug/L	100
33) Benzene	5.81	78	198137	5.000	ug/L	100
34) Trichloroethene	6.58	95	52924	5.000	ug/L	100
35) Methylcyclohexane	6.80	83	90510	5.000	ug/L	100
37) 1,2-Dichloropropane	6.83	63	50838	5.000	ug/L	100
38) Bromodichloromethane	7.14	83	61503	5.000	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	76780	5.000	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	278276	50.000	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

Quantitation Report (Not Reviewed)

Data File : VU036550.D
Acq On : 24 Jan 2020 12:27
Operator : JC/MD
Sample : VSTD00505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Quant Time: Jan 24 22:52:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 22:48:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	219707	5.000	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	59660	5.000	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	37637	5.000	ug/L	100
47) Tetrachloroethene	8.58	164	42698	5.000	ug/L	100
48) 2-Hexanone	8.72	43	196517	50.000	ug/L	100
49) Dibromochloromethane	8.84	129	42600	5.000	ug/L	100
50) 1,2-Dibromoethane	8.95	107	35573	5.000	ug/L	100
51) Chlorobenzene	9.47	112	141132	5.000	ug/L	100
52) Ethylbenzene	9.60	91	240445	5.000	ug/L	100
53) m,p-Xylene	9.72	106	94153	5.000	ug/L	100
54) o-Xylene	10.12	106	91065	5.000	ug/L	100
55) Styrene	10.14	104	151751	5.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.81	83	46091	5.000	ug/L	100
59) Bromoform	10.32	173	24181	5.000	ug/L	100
60) Isopropylbenzene	10.51	105	239218	5.000	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	32686	5.000	ug/L	100
62) 1,3,5-Trimethylbenzene	11.11	105	206254	5.000	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	206346	5.000	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	111677	5.000	ug/L	100
65) 1,4-Dichlorobenzene	11.86	146	110291	5.000	ug/L	100
67) 1,2-Dichlorobenzene	12.23	146	105799	5.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.02	75	7055	5.000	ug/L	100
69) 1,3,5-Trichlorobenzene	13.24	180	88460	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.86	180	65414	5.000	ug/L	100
71) Naphthalene	14.10	128	95013	5.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.35	180	59171	5.000	ug/L	100

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

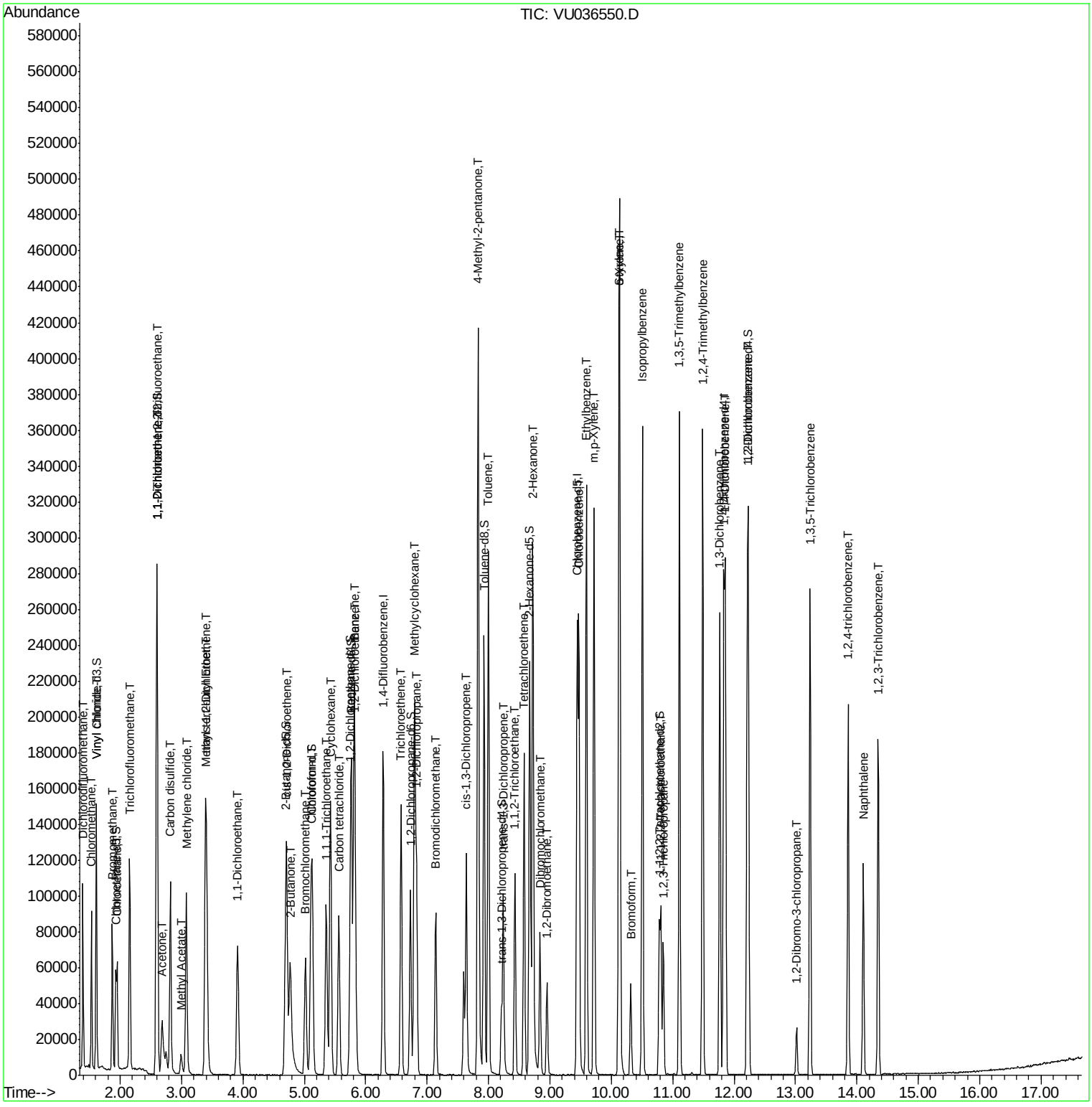
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

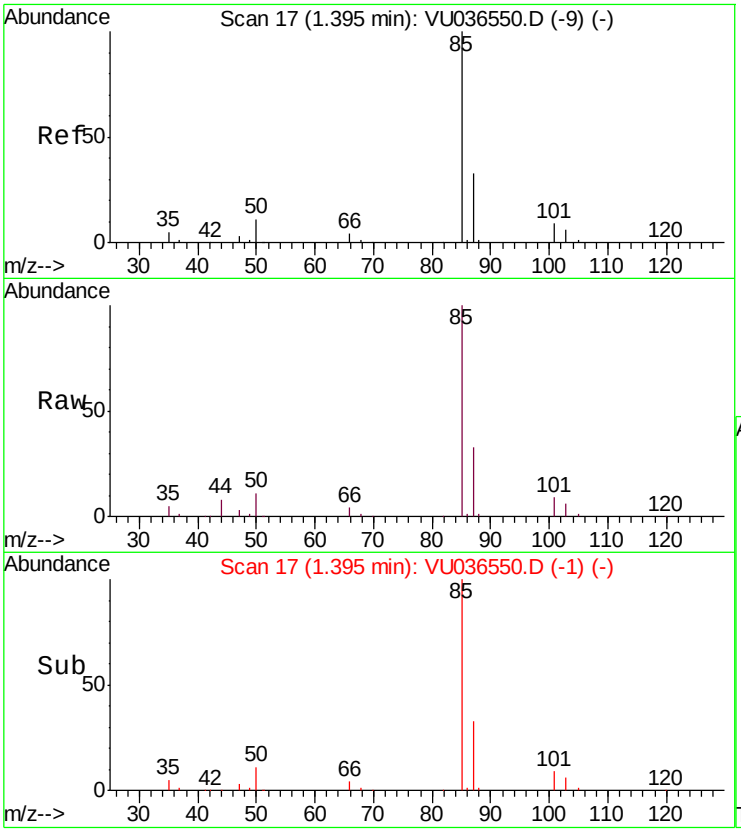
Quantitation Report (Not Reviewed)

Data File : VU036550.D
Acq On : 24 Jan 2020 12:27
Operator : JC/MD
Sample : VSTD00505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Quant Time: Jan 24 22:52:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 22:48:55 2020
Response via : Initial Calibration



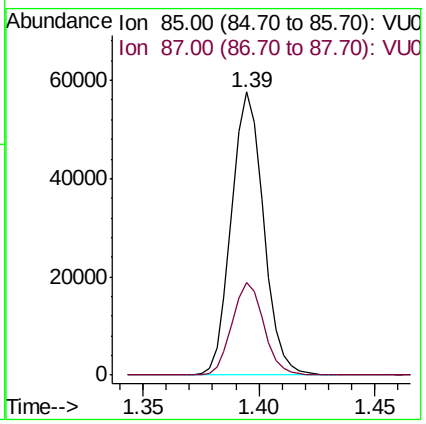


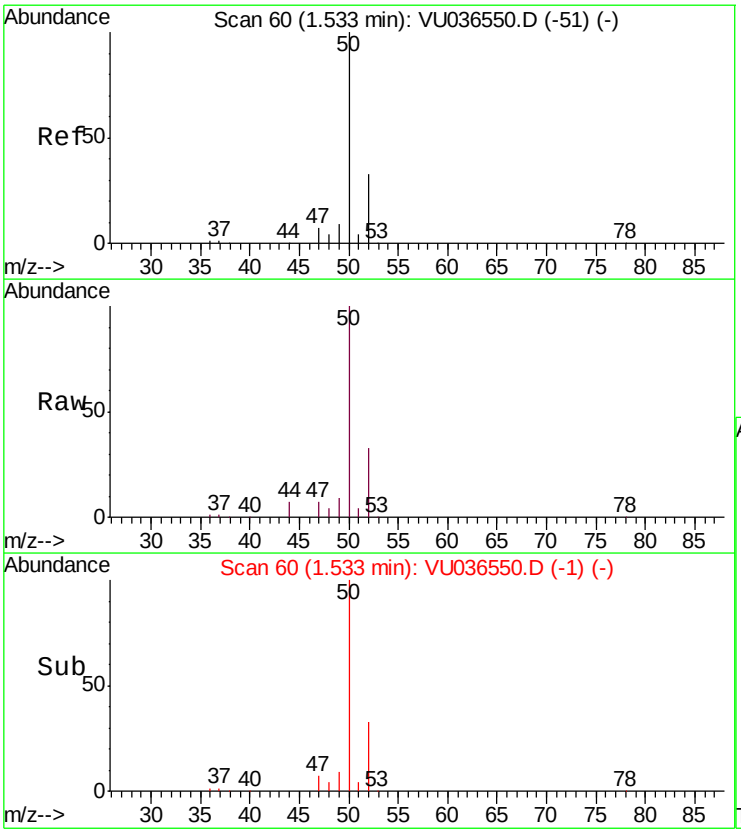
#2
Dichlorodifluoromethane
Concen: 5.000 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 85 Resp: 55271

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.0	39.0

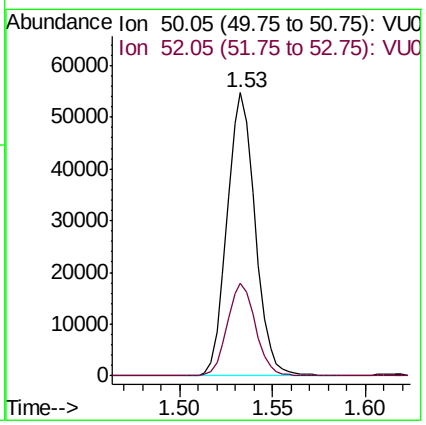


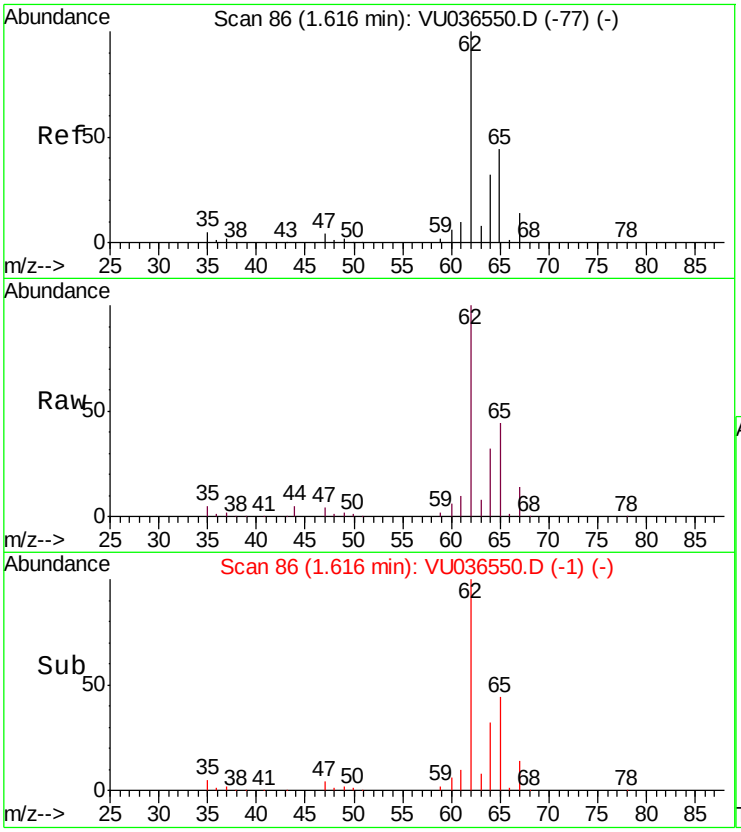


#3
Chloromethane
Concen: 5.000 ug/L
RT: 1.53 min Scan# 60
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 50 Resp: 57569

Ion	Ratio	Lower	Upper
50	100		
52	32.5	22.7	42.3



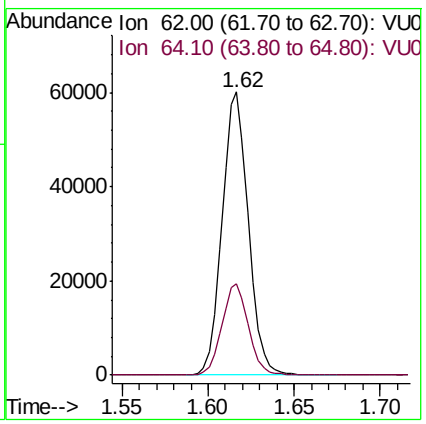


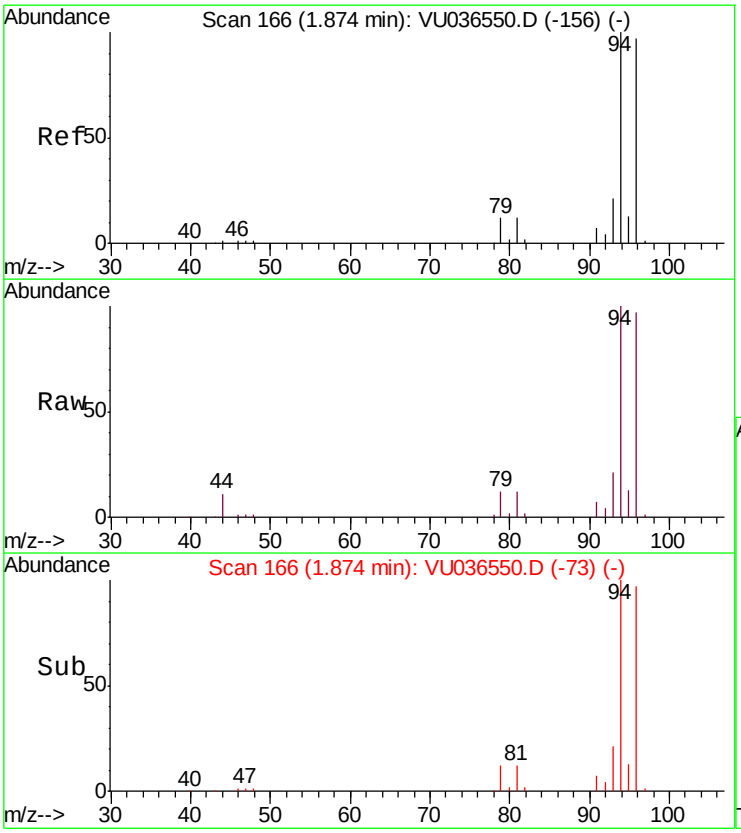
#5
Vinyl chloride
Concen: 5.000 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 62 Resp: 64089

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.6	42.0

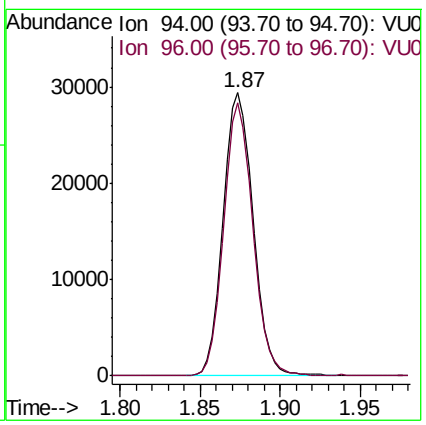


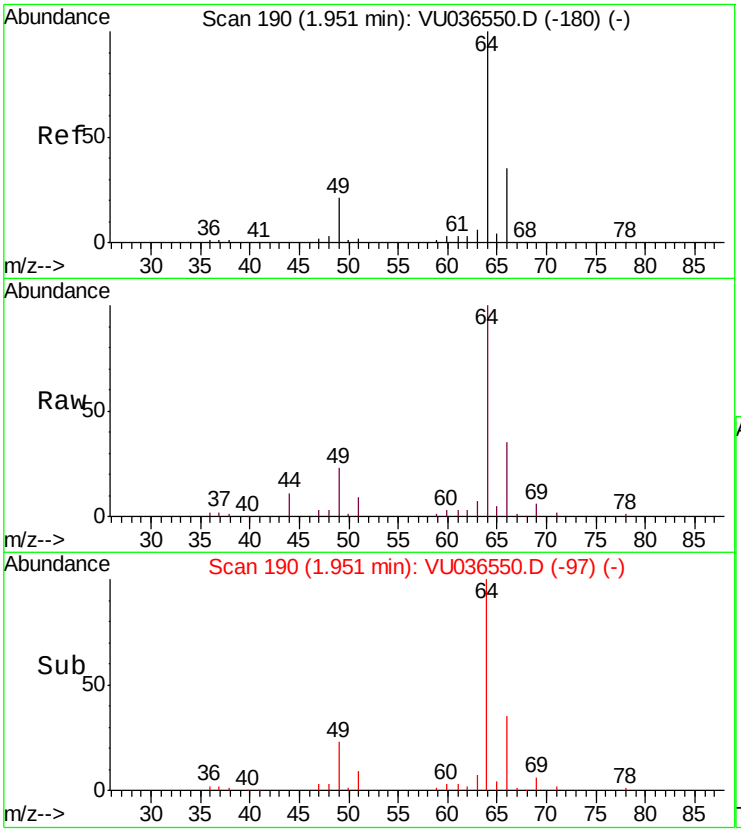


#6
Bromomethane
Concen: 5.000 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 94 Resp: 37382

Ion	Ratio	Lower	Upper
94	100		
96	96.6	67.6	125.6



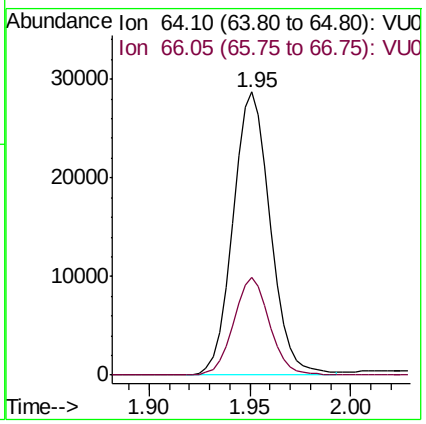


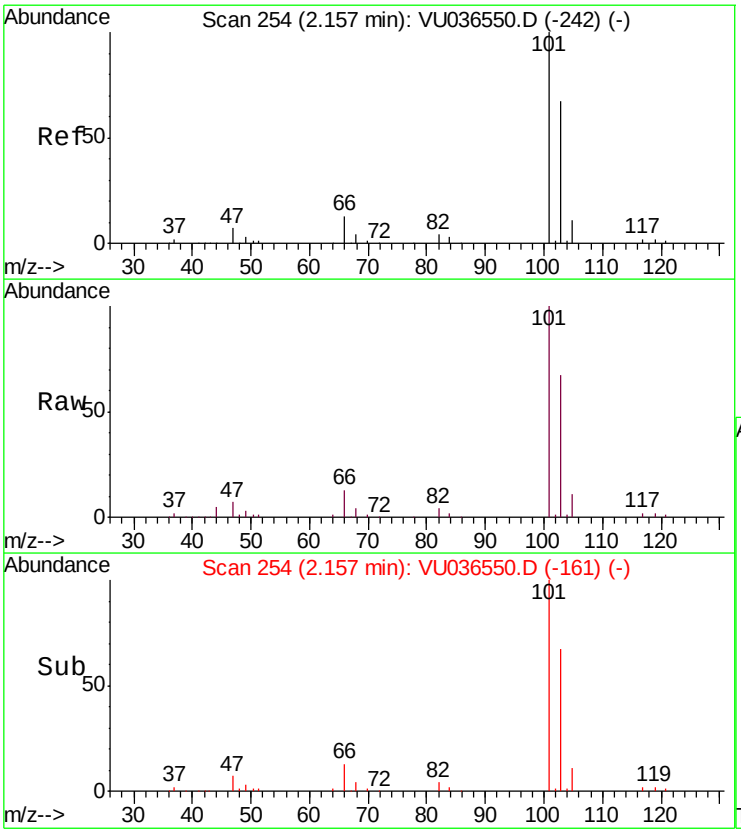
#8
Chloroethane
Concen: 5.000 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 64 Resp: 37312

Ion	Ratio	Lower	Upper
64	100		
66	34.5	24.1	44.8

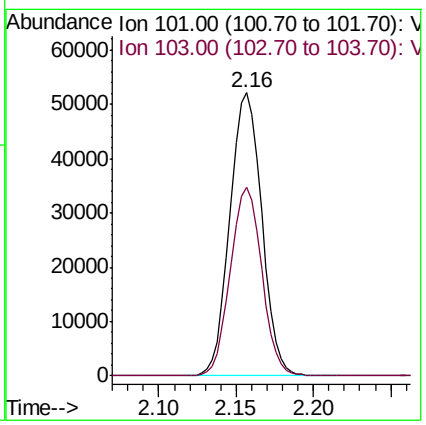


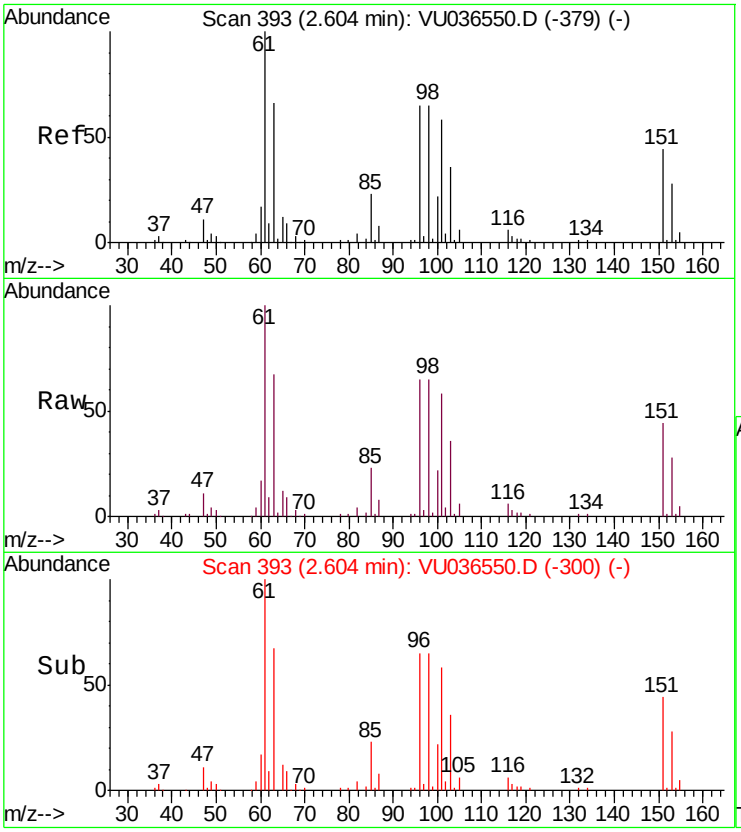


#9
Trichlorofluoromethane
Concen: 5.000 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:101 Resp: 74568

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.5	78.7



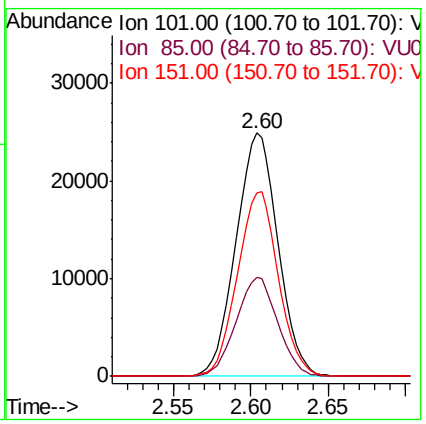


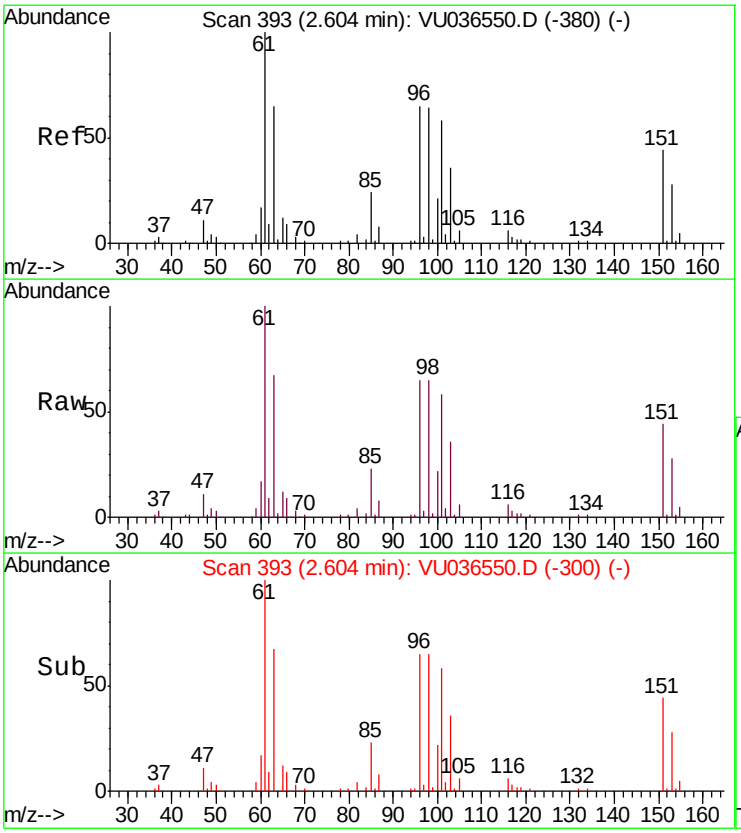
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.000 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:101 Resp: 46879

Ion	Ratio	Lower	Upper
101	100		
85	40.3	32.2	48.4
151	74.0	59.2	88.8

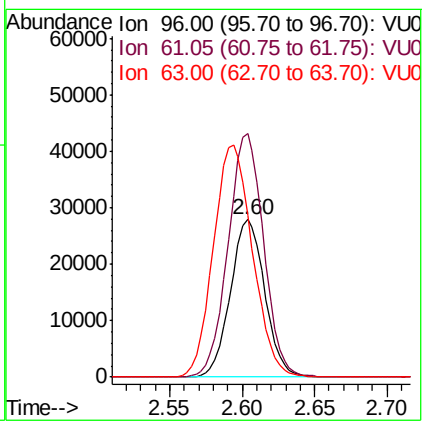


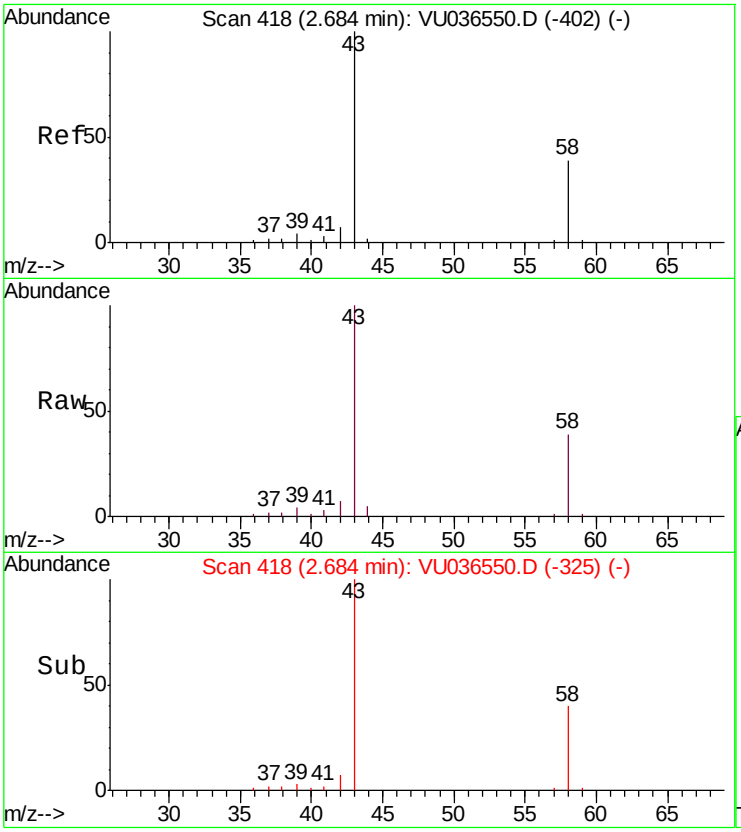


#12
1,1-Dichloroethene
Concen: 5.000 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 96 Resp: 45748

Ion	Ratio	Lower	Upper
96	100		
61	154.6	108.2	201.0
63	102.9	72.0	133.8



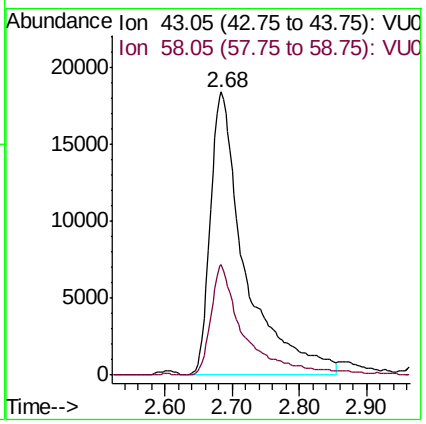


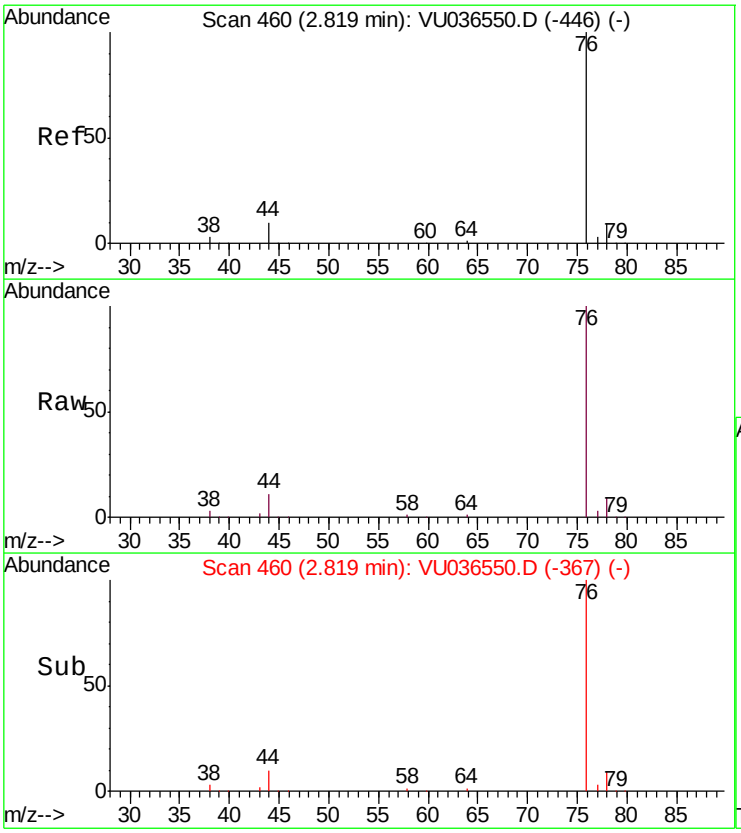
#13
Acetone
Concen: 50.000 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 43 Resp: 66449

Ion	Ratio	Lower	Upper
43	100		
58	37.0	0.0	74.0

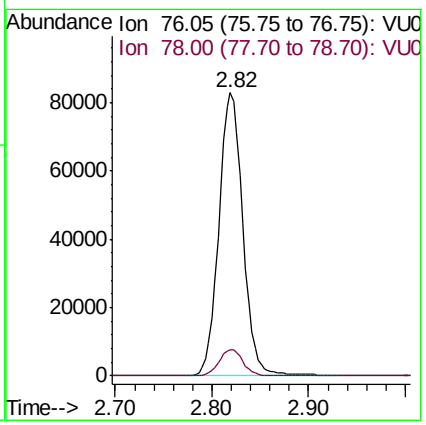


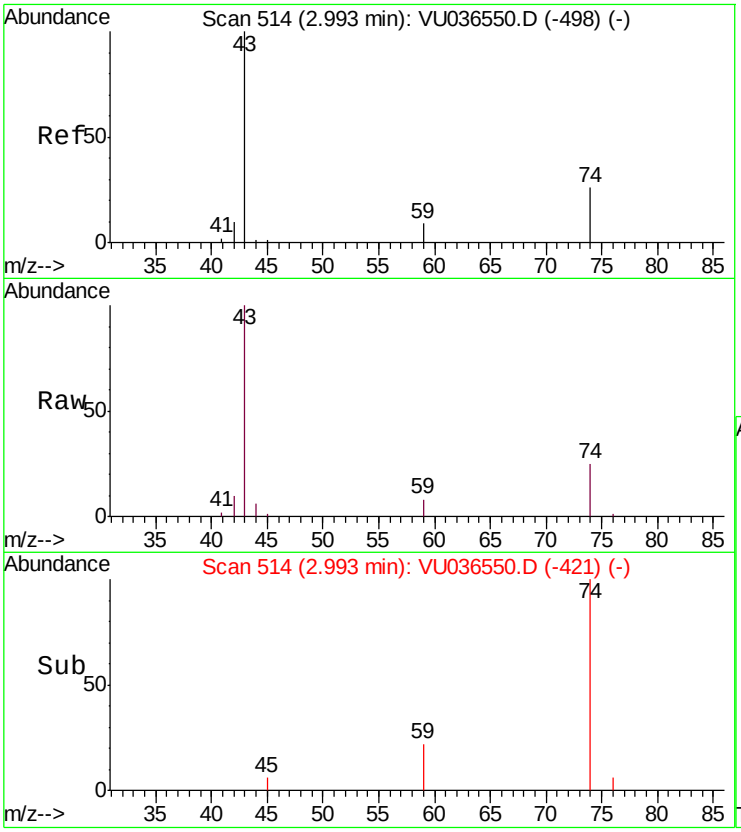


#14
Carbon disulfide
Concen: 5.000 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 76 Resp: 143065

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3



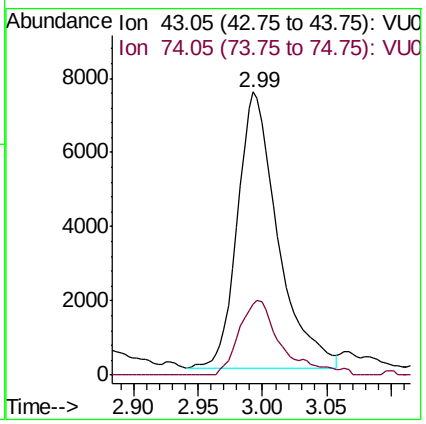


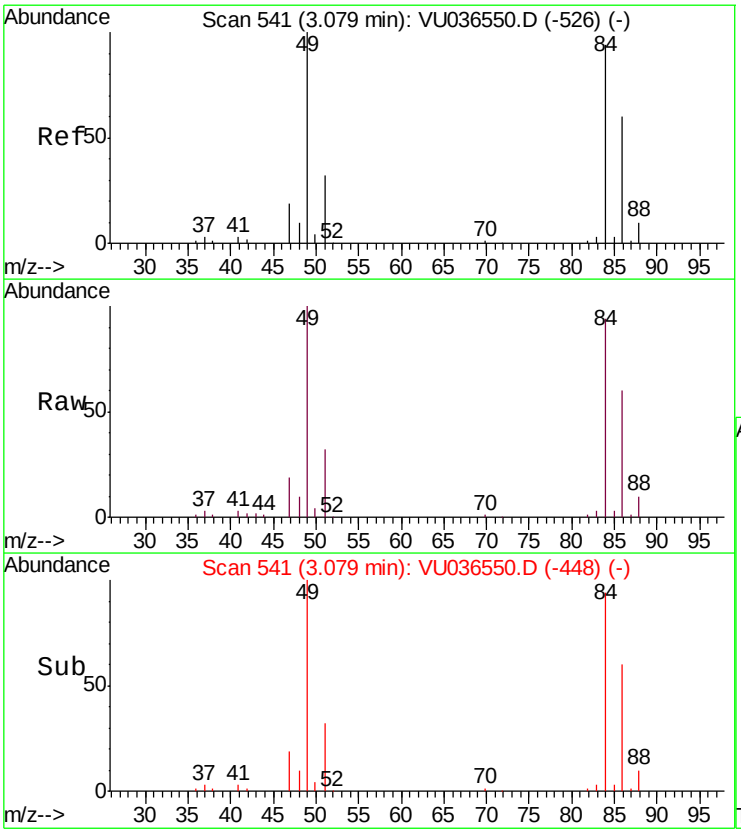
#15
Methyl Acetate
Concen: 5.000 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 43 Resp: 16209

Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.7	34.1

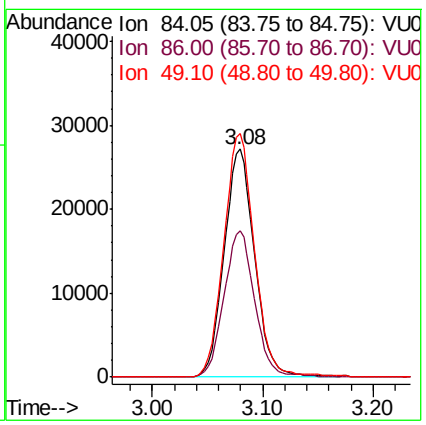


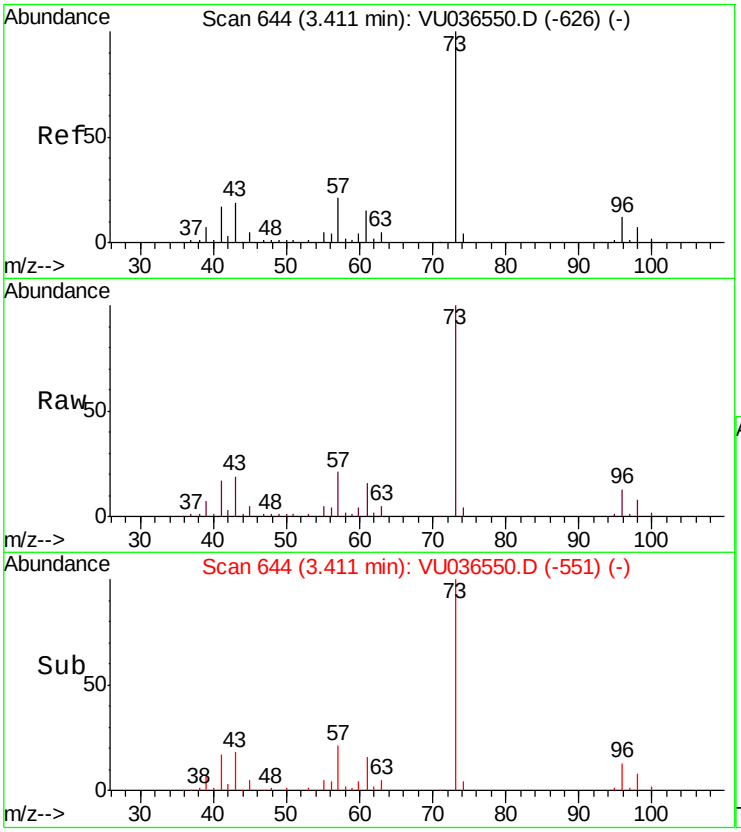


#16
Methylene chloride
Concen: 5.000 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 84 Resp: 51931

Ion	Ratio	Lower	Upper
84	100		
86	64.0	44.8	83.2
49	106.9	74.8	139.0



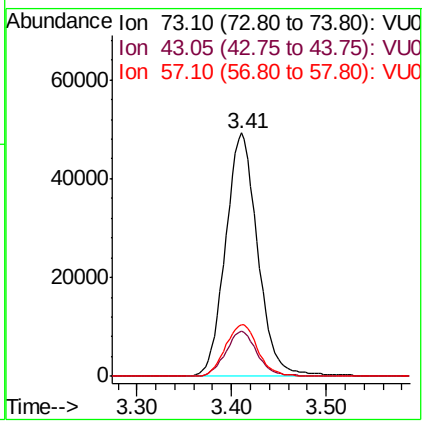


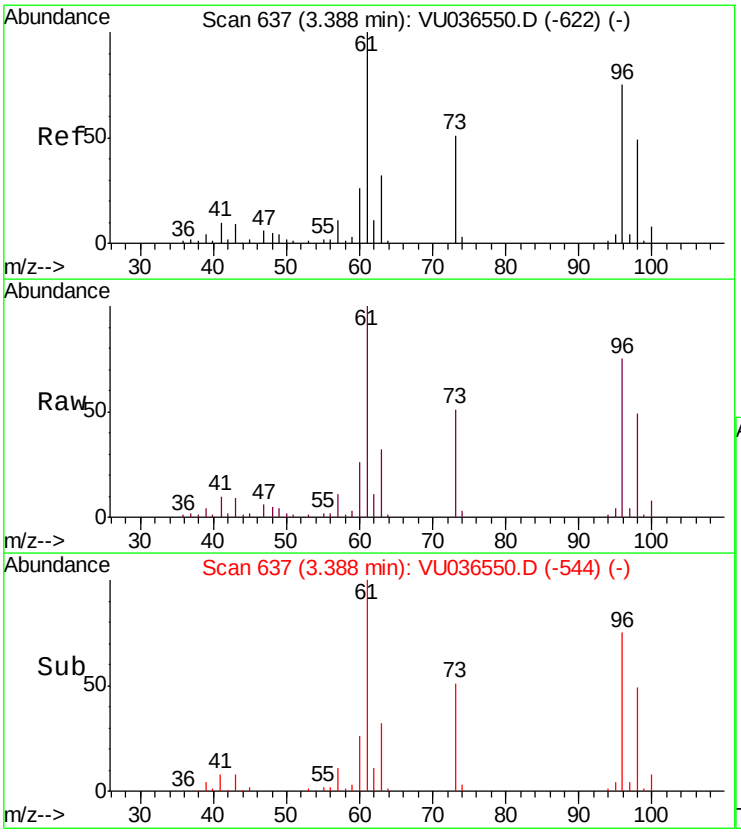
#17
Methyl tert-butyl Ether
Concen: 5.000 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 73 Resp: 116365

Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.6	21.8
57	21.3	17.0	25.6

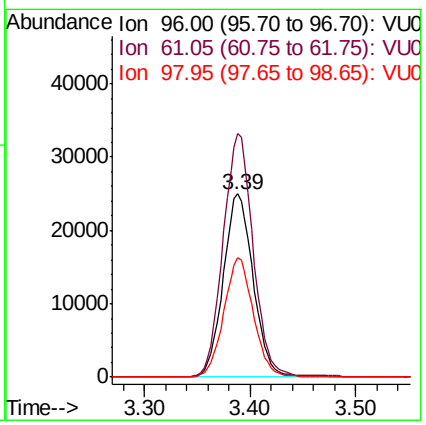


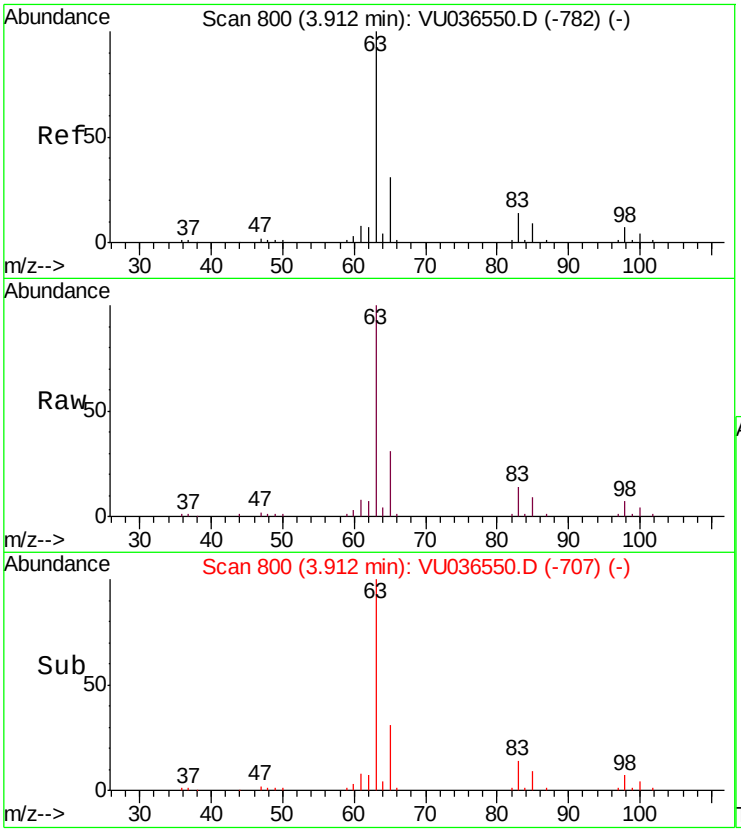


#18
trans-1,2-Dichloroethene
Concen: 5.000 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 96 Resp: 49220

Ion	Ratio	Lower	Upper
96	100		
61	133.0	93.1	172.9
98	65.0	45.5	84.5



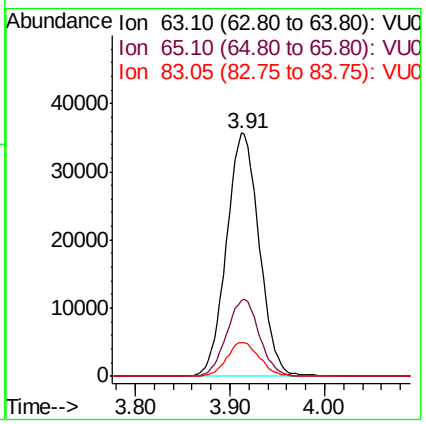


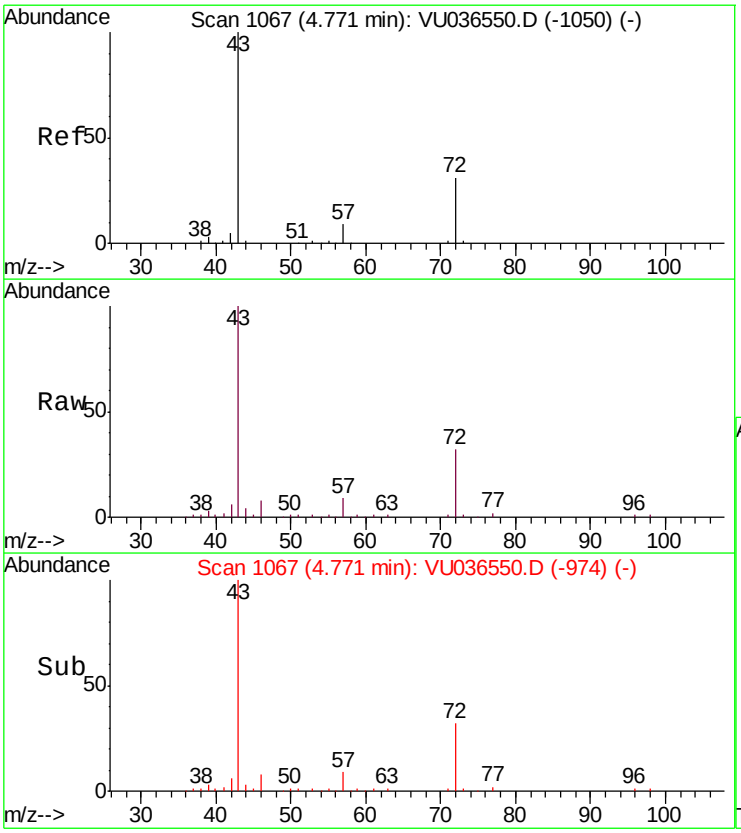
#19
1,1-Dichloroethane
Concen: 5.000 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 63 Resp: 85907

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.8	40.6
83	14.0	9.8	18.2

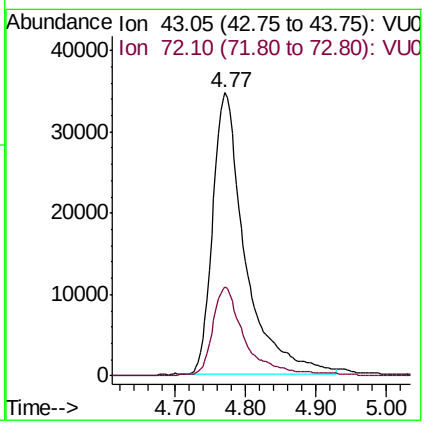


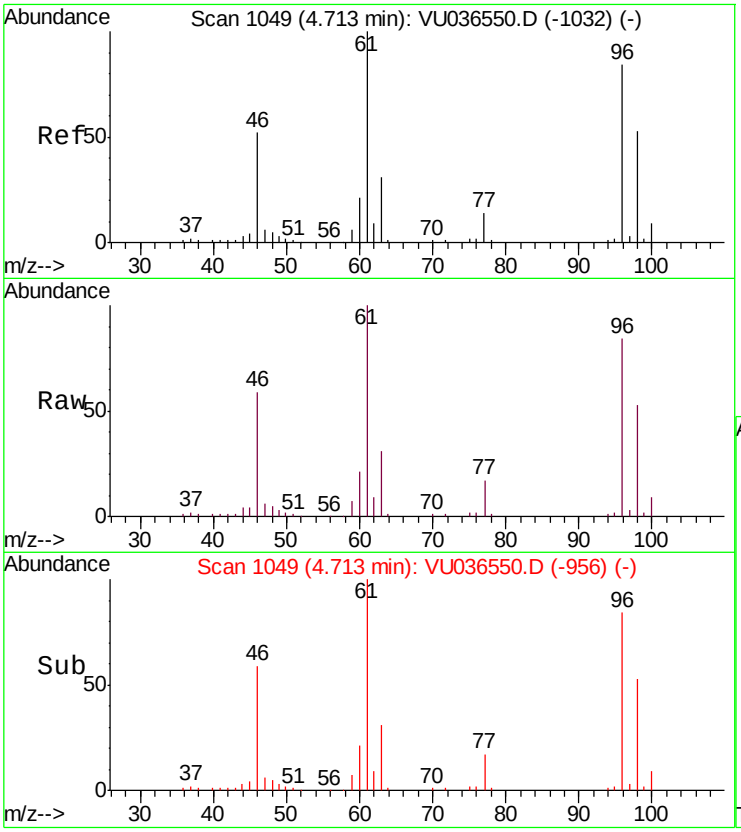


#21
2-Butanone
Concen: 50.000 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 43 Resp: 111045

Ion	Ratio	Lower	Upper
43	100		
72	30.9	15.4	46.4



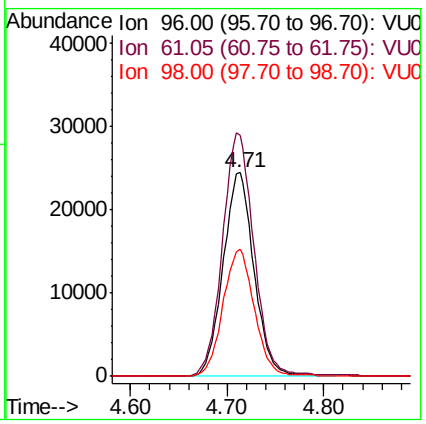


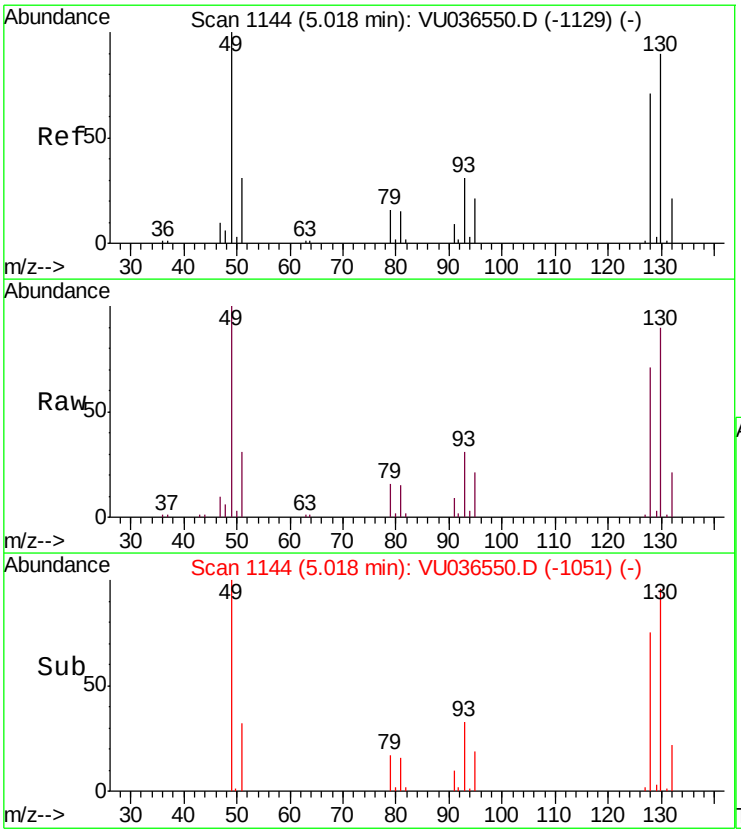
#22
cis-1,2-Dichloroethene
Concen: 5.000 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 96 Resp: 54572

Ion	Ratio	Lower	Upper
96	100		
61	118.5	83.0	154.1
98	62.5	43.8	81.3

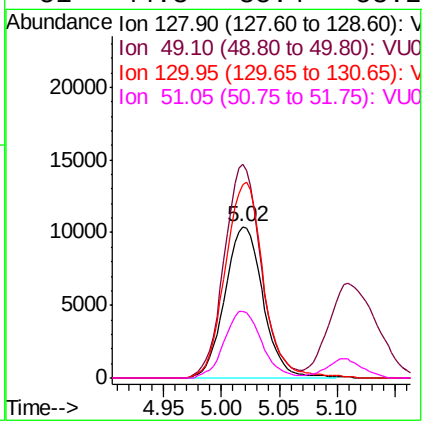


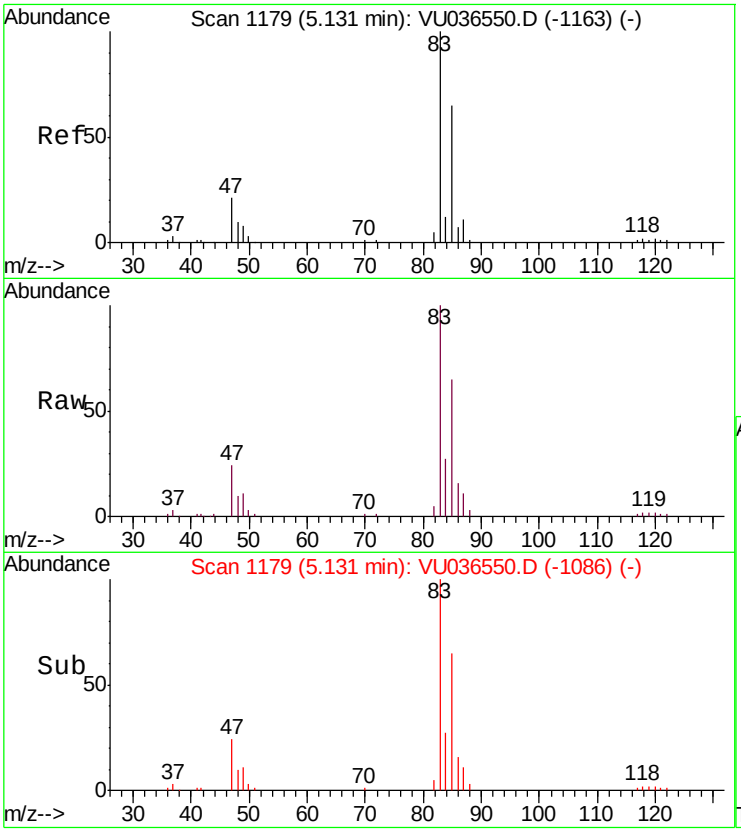


#23
Bromochloromethane
Concen: 5.000 ug/L
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:128 Resp: 23699

Ion	Ratio	Lower	Upper
128	100		
49	140.9	98.6	183.2
130	127.3	89.1	165.5
51	44.3	35.4	53.2



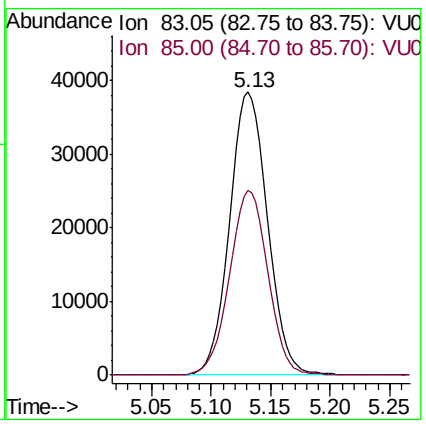


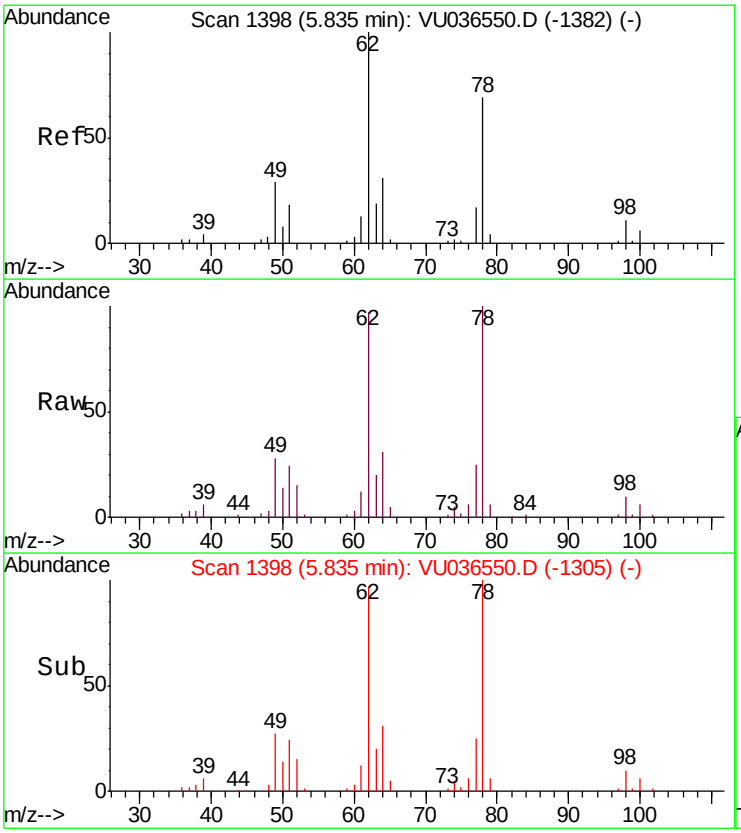
#25
Chloroform
Concen: 5.000 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 83 Resp: 85056

Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.7	84.9

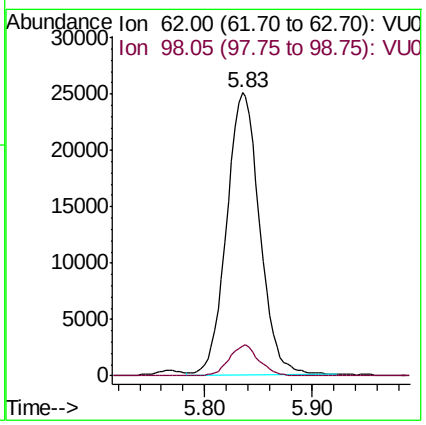


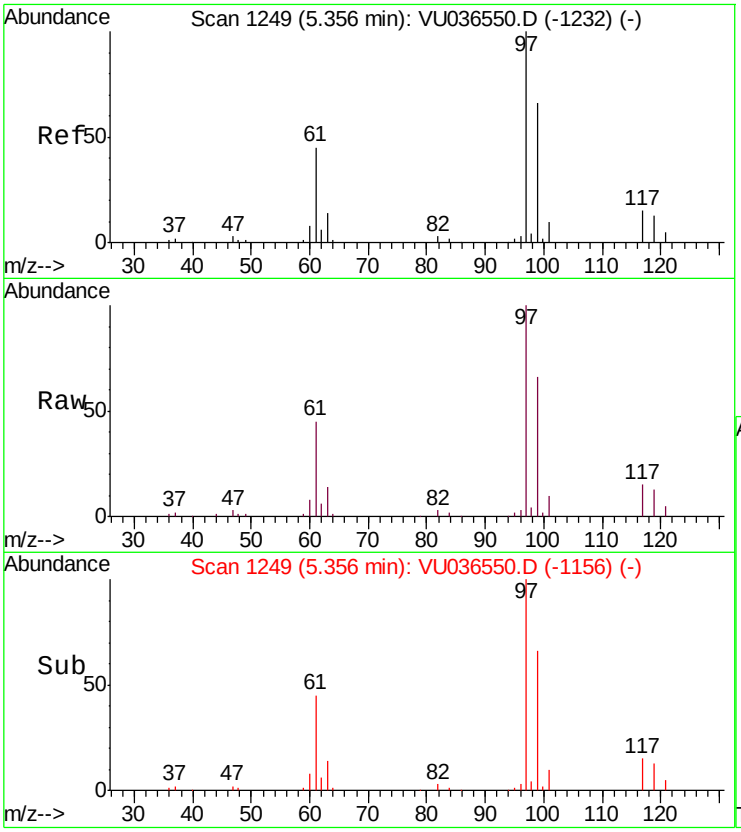


#27
1,2-Dichloroethane
Concen: 5.000 ug/L
RT: 5.83 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 62 Resp: 53444

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.5	12.7



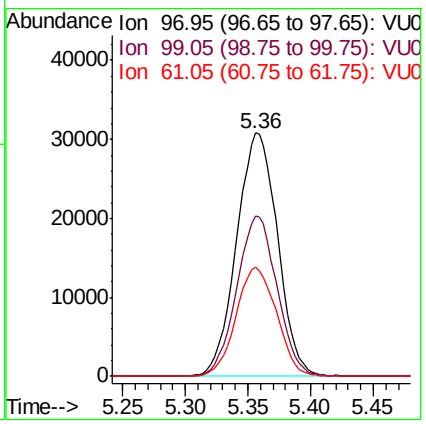


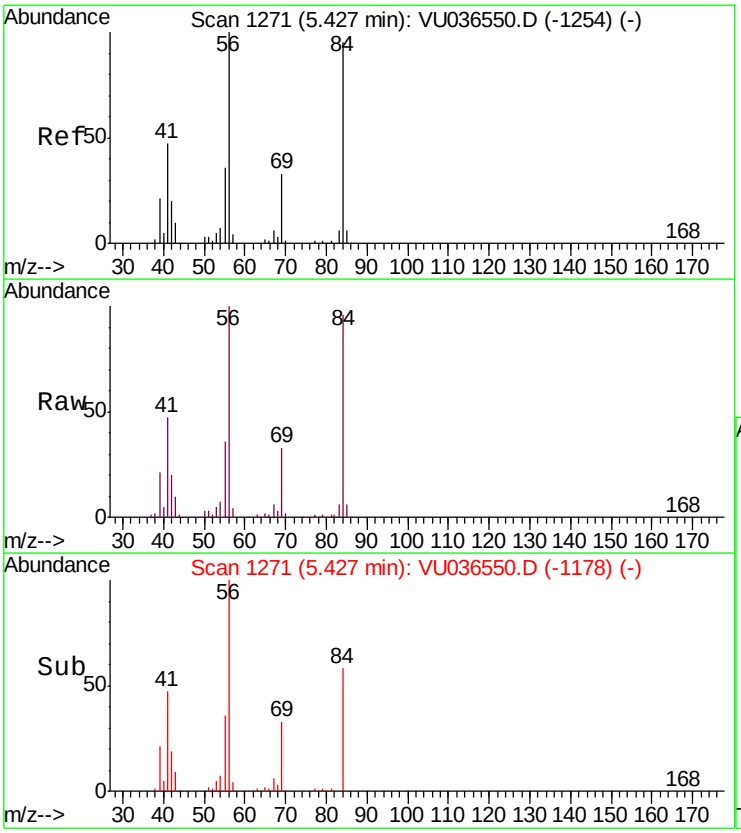
#29
1,1,1-Trichloroethane
Concen: 5.000 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 97 Resp: 69951

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	44.5	35.6	53.4

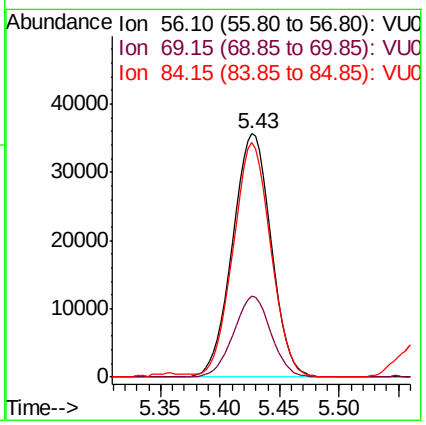


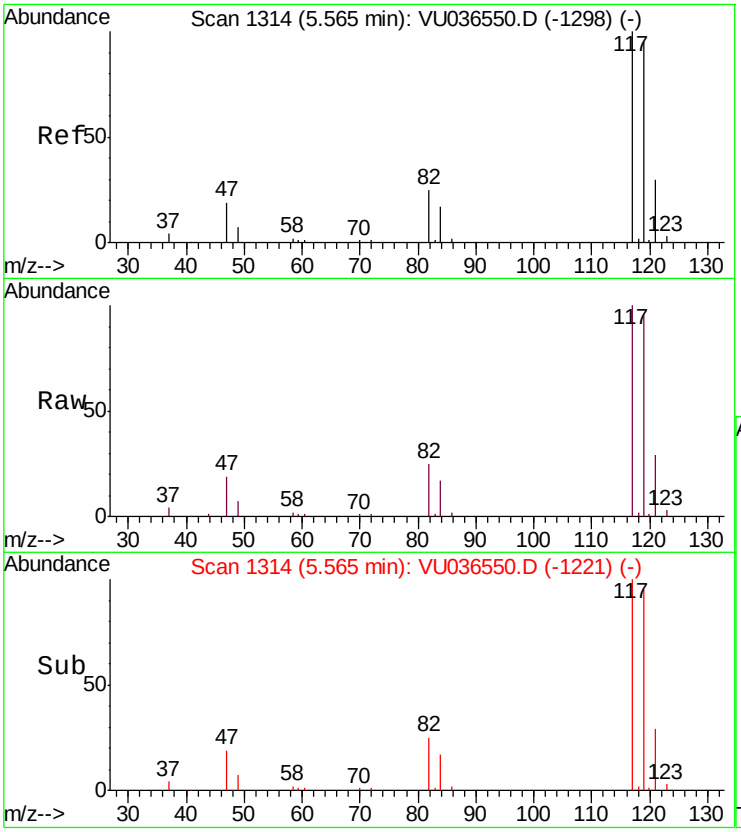


#30
Cyclohexane
Concen: 5.000 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 56 Resp: 80276

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.7	38.5
84	94.1	75.3	112.9



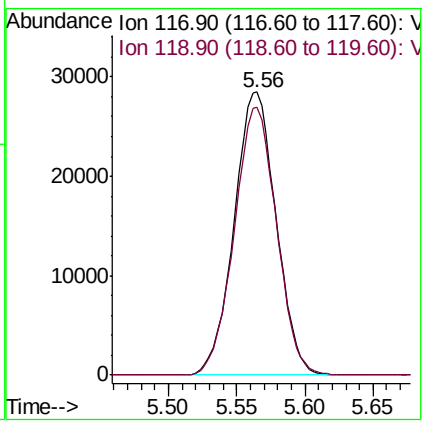


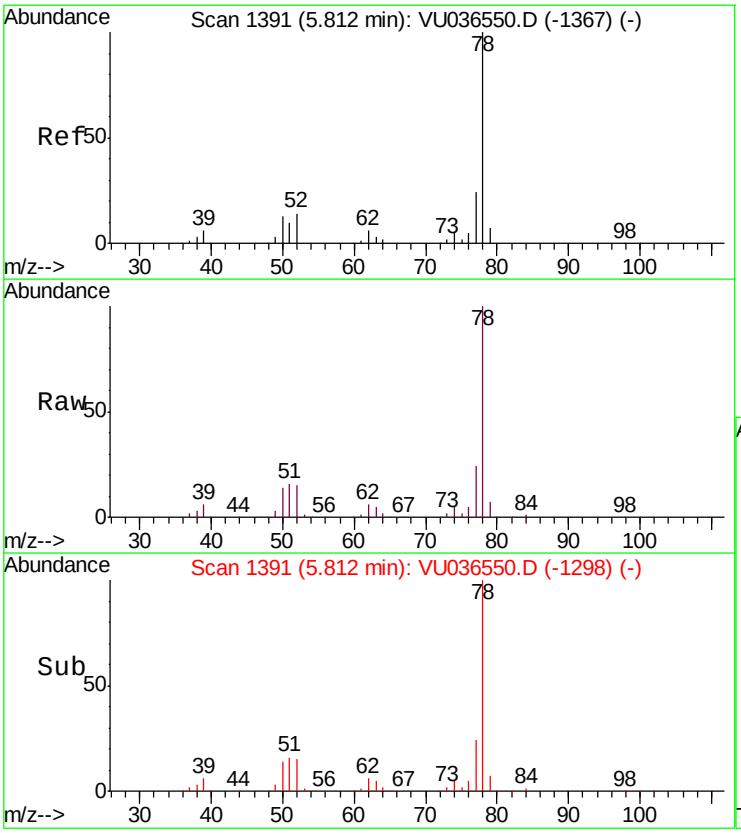
#31
Carbon tetrachloride
Concen: 5.000 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:117 Resp: 60748

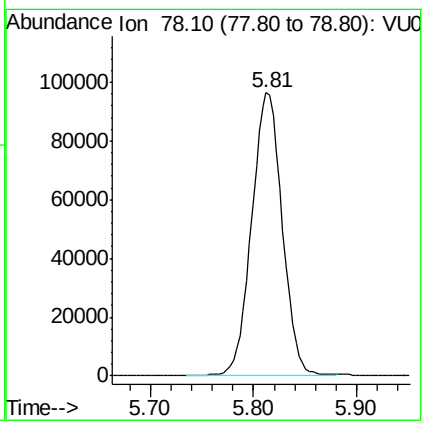
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5

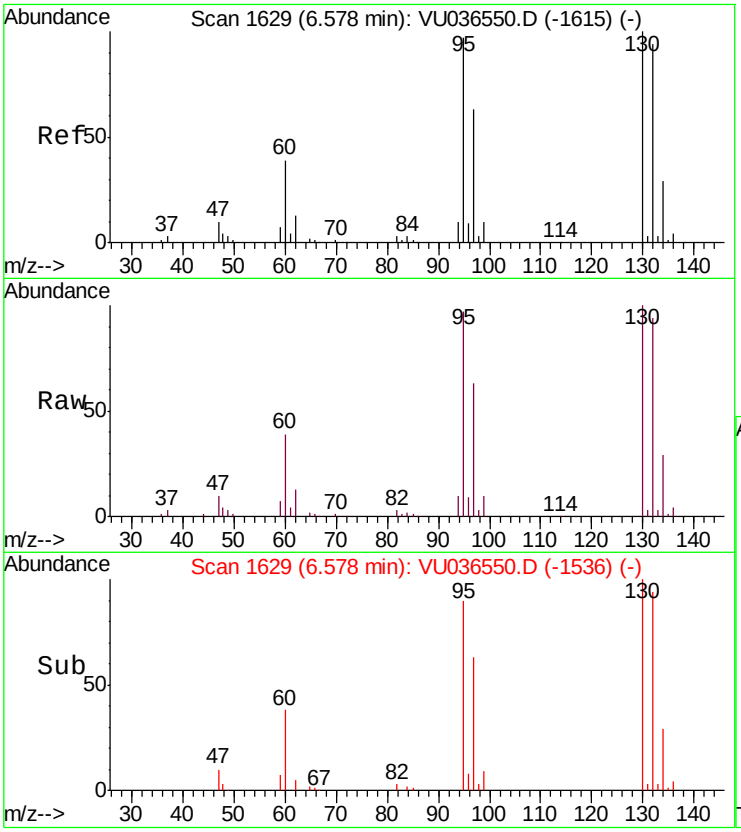




#33
Benzene
Concen: 5.000 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 78 Resp: 198137



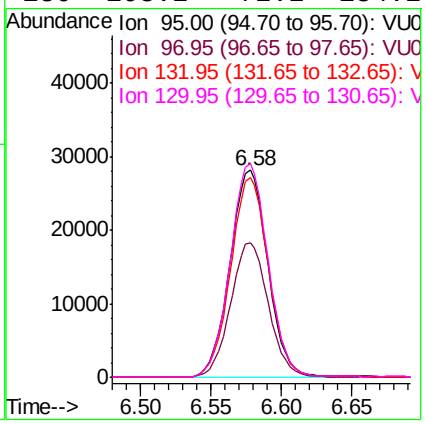


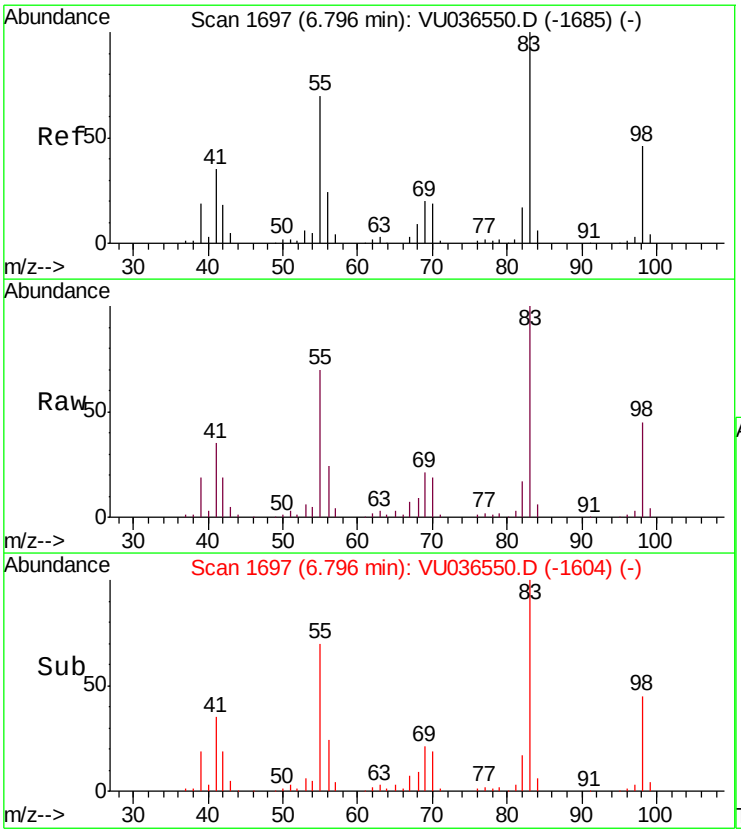
#34
Trichloroethene
Concen: 5.000 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 95 Resp: 52924

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.8
132	96.7	67.7	125.7
130	103.2	72.2	134.2

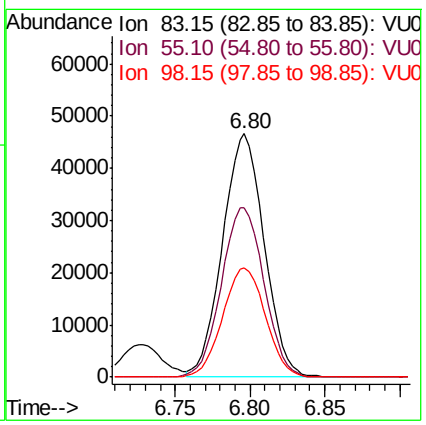


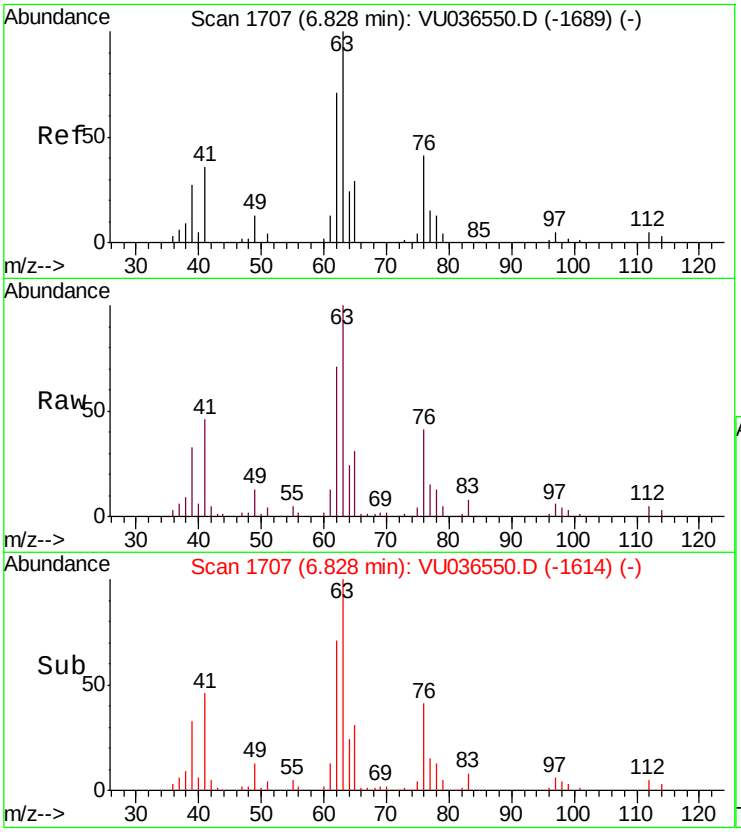


#35
Methylcyclohexane
Concen: 5.000 ug/L
RT: 6.80 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 83 Resp: 90510

Ion	Ratio	Lower	Upper
83	100		
55	71.1	56.9	85.3
98	46.1	36.9	55.3



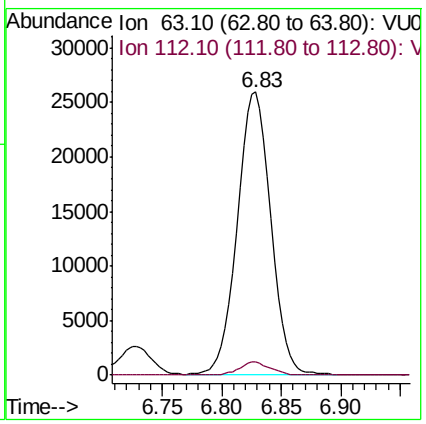


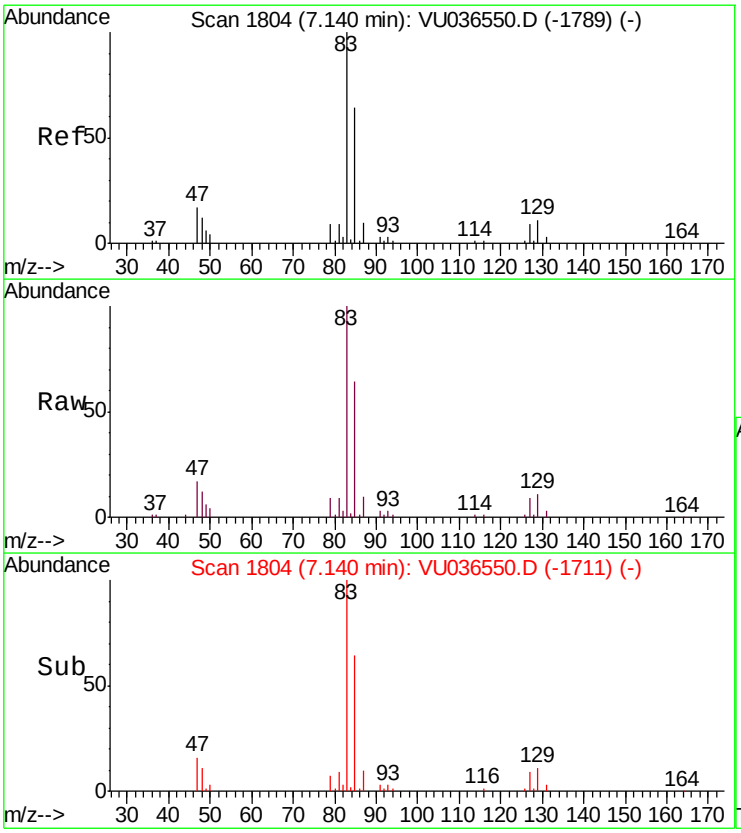
#37
1,2-Dichloropropane
Concen: 5.000 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 63 Resp: 50838

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.3	4.9

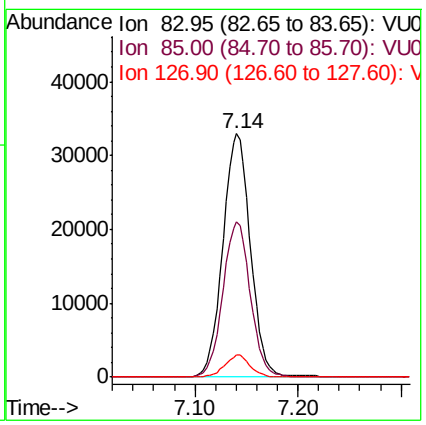


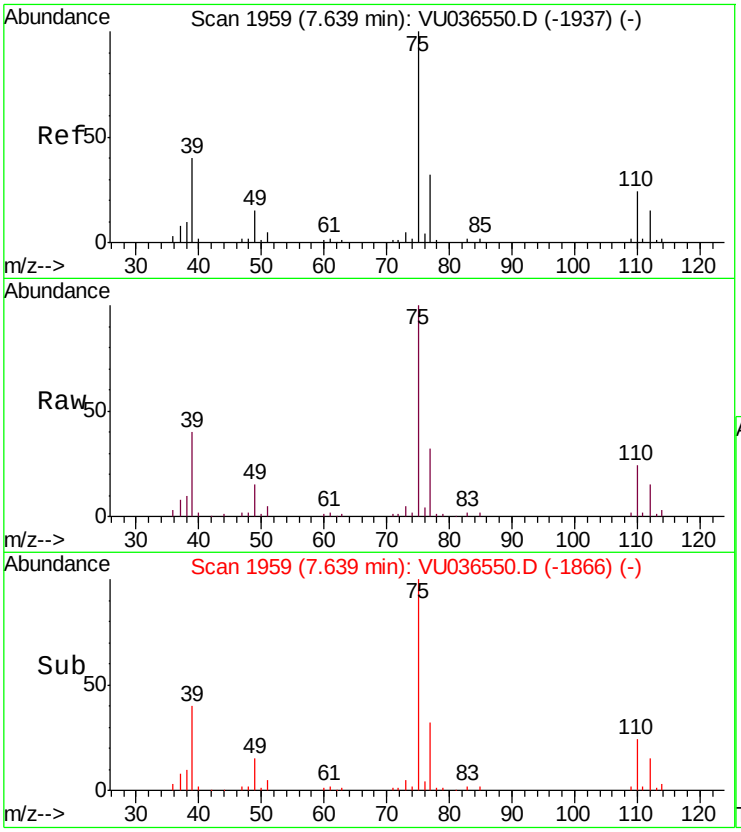


#38
Bromodichloromethane
Concen: 5.000 ug/L
RT: 7.14 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 83 Resp: 61503

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.7	82.9
127	9.0	7.2	10.8



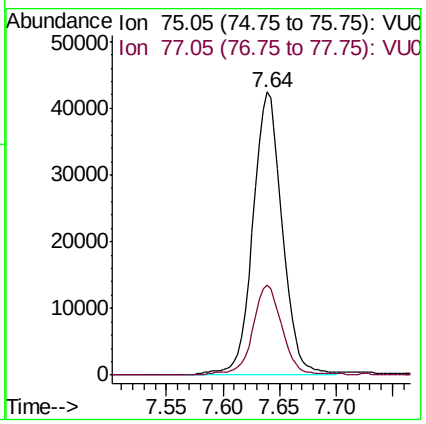


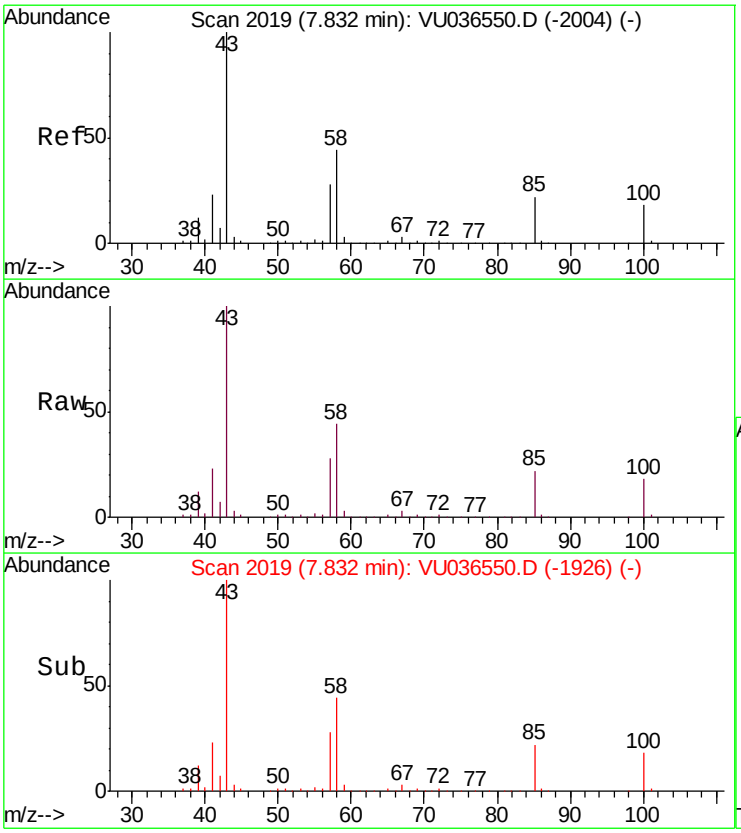
#39
cis-1,3-Dichloropropene
Concen: 5.000 ug/L
RT: 7.64 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 75 Resp: 76780

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	41.5

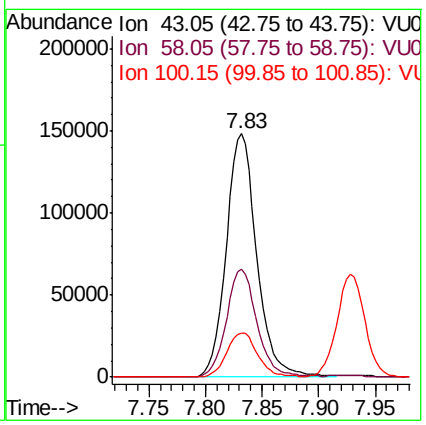


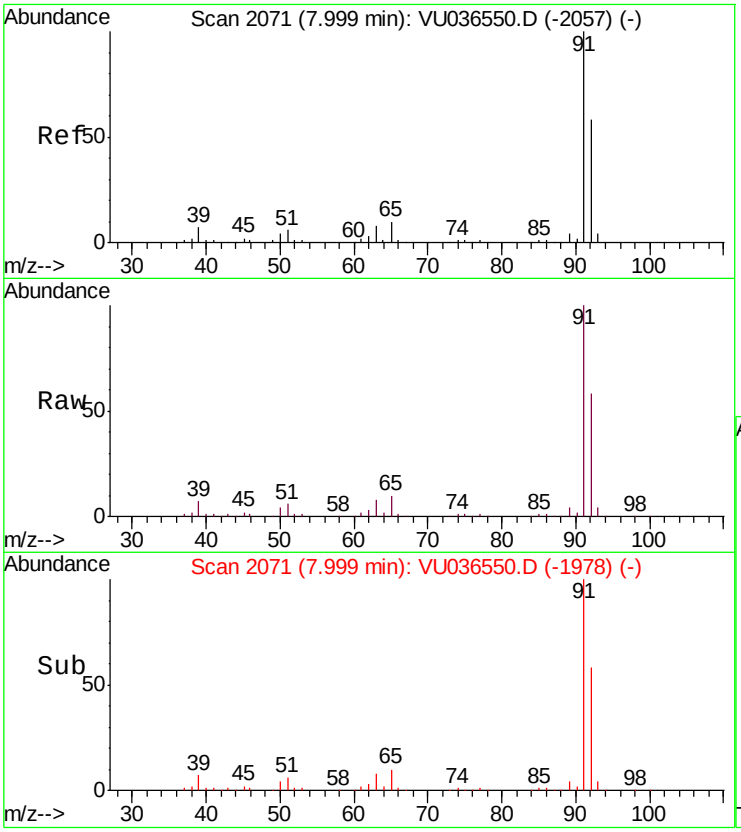


#40
4-Methyl-2-pentanone
Concen: 50.000 ug/L
RT: 7.83 min Scan# 2019
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 43 Resp: 278276

Ion	Ratio	Lower	Upper
43	100		
58	44.5	35.6	53.4
100	18.6	14.9	22.3



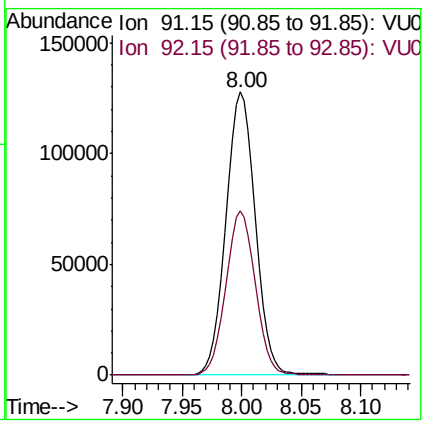


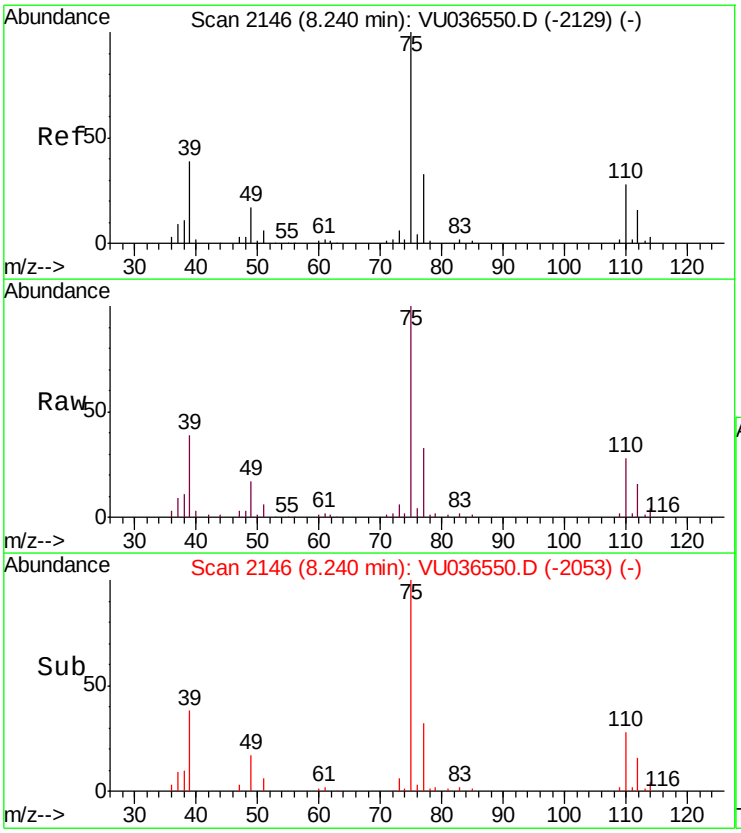
#42
Toluene
Concen: 5.000 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 91 Resp: 219707

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.6	75.4

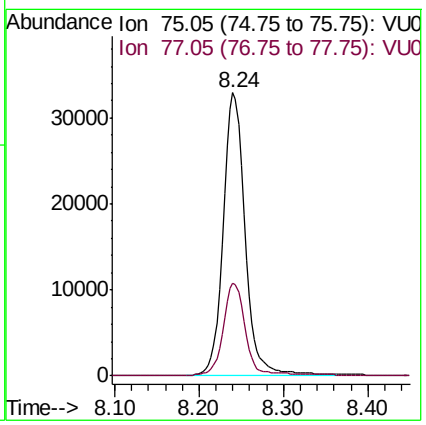


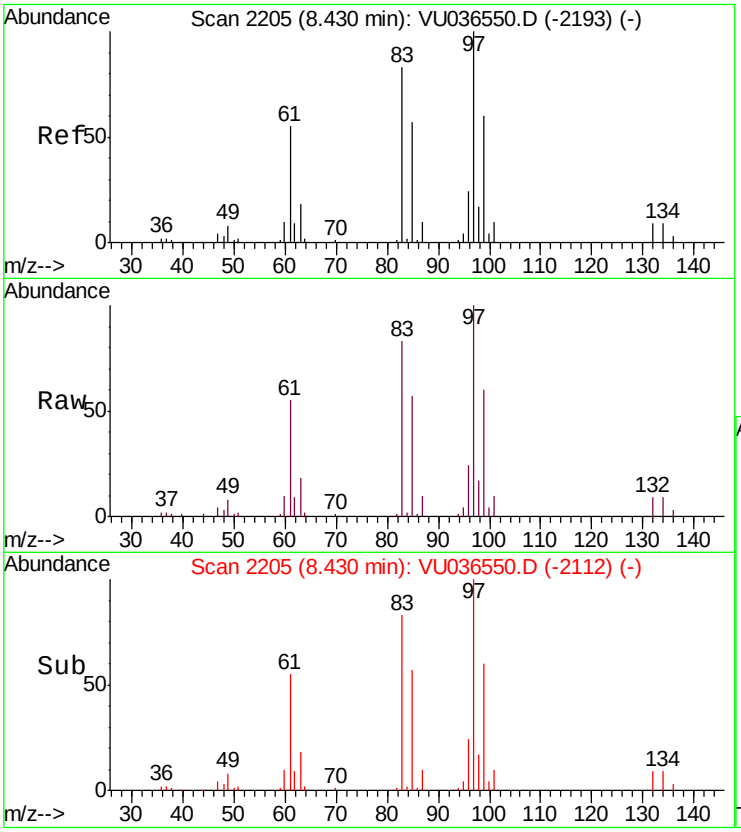


#44
trans-1,3-Dichloropropene
Concen: 5.000 ug/L
RT: 8.24 min Scan# 2146
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 75 Resp: 59660

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.8	42.4



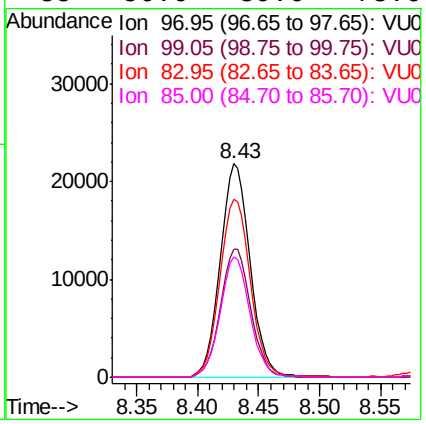


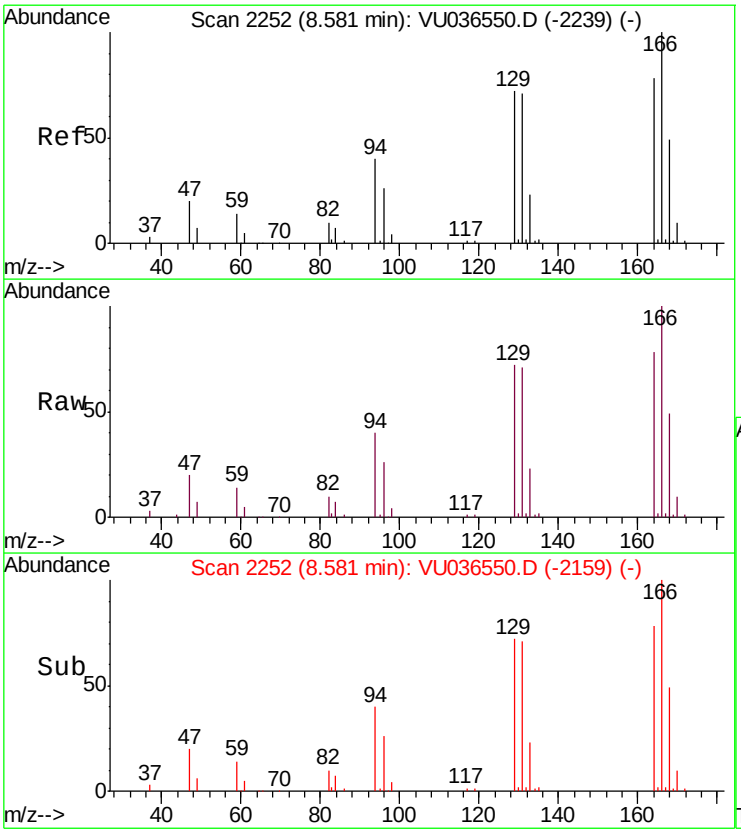
#45
1,1,2-Trichloroethane
Concen: 5.000 ug/L
RT: 8.43 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion: 97 Resp: 37637

Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.1	78.3
83	83.5	58.4	108.6
85	56.6	39.6	73.6

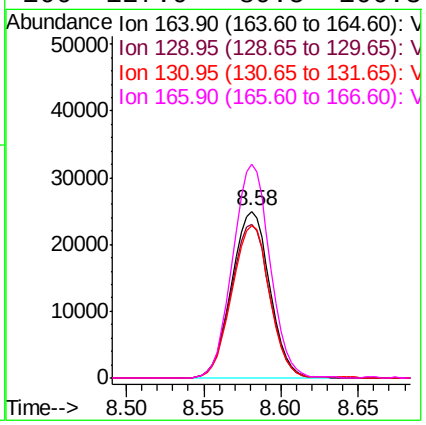


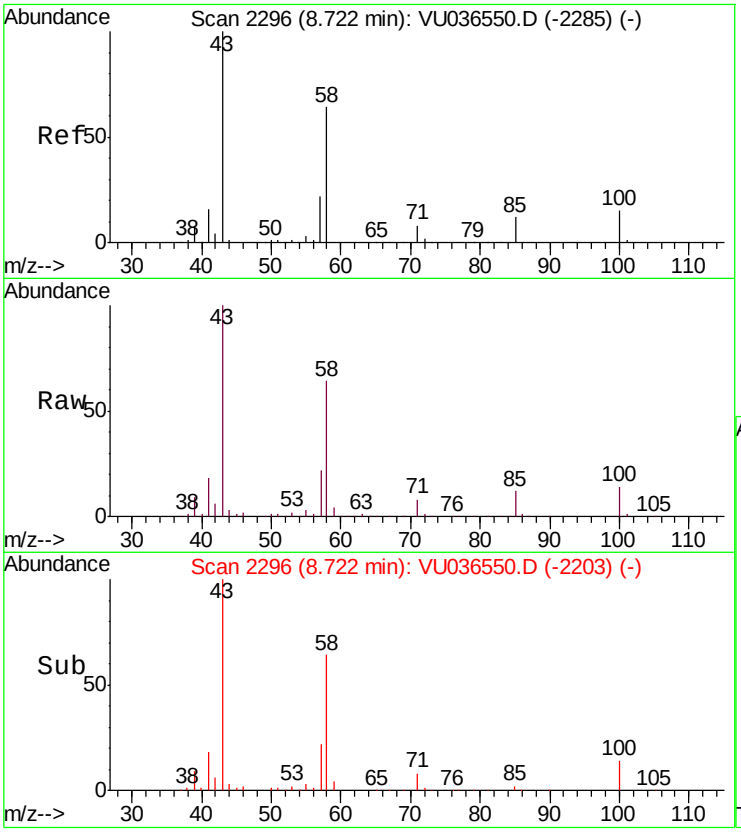


#47
Tetrachloroethene
Concen: 5.000 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:164 Resp: 42698

Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.7	120.1
131	91.4	64.0	118.8
166	127.9	89.5	166.3



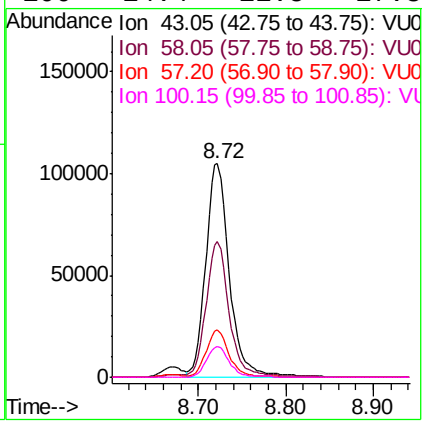


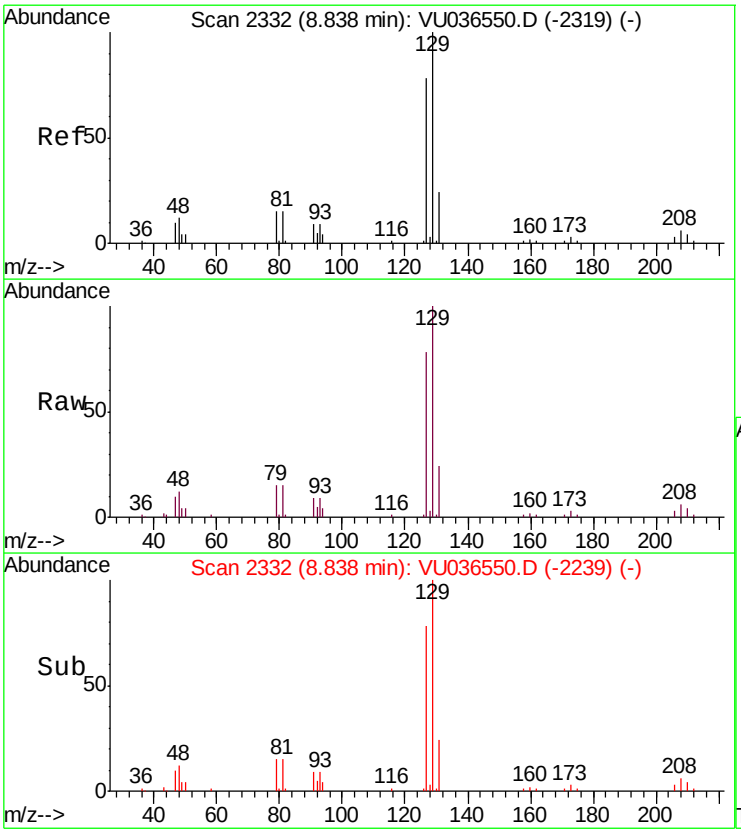
#48
2-Hexanone
Concen: 50.000 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 43 Resp: 196517

Ion	Ratio	Lower	Upper
43	100		
58	62.7	50.2	75.2
57	21.9	17.5	26.3
100	14.4	11.5	17.3

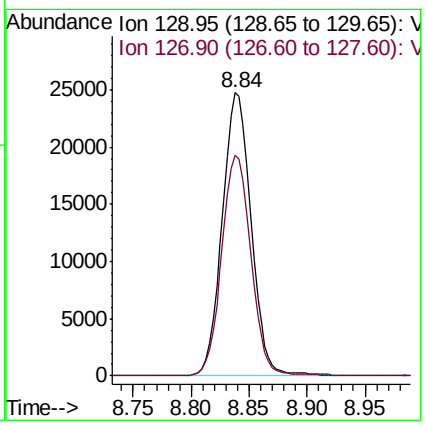


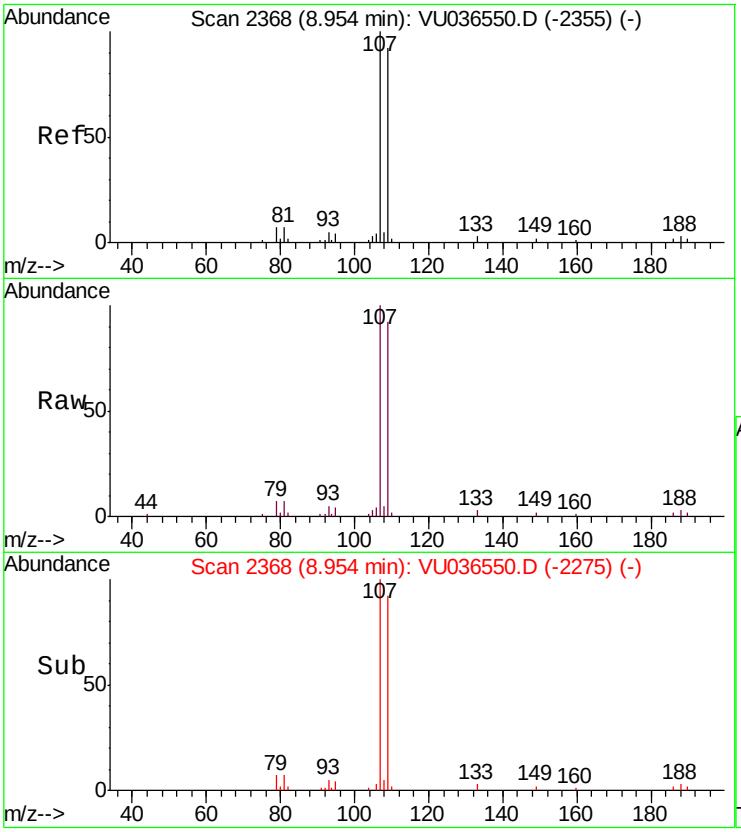


#49
Dibromochloromethane
Concen: 5.000 ug/L
RT: 8.84 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:129 Resp: 42600

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.3



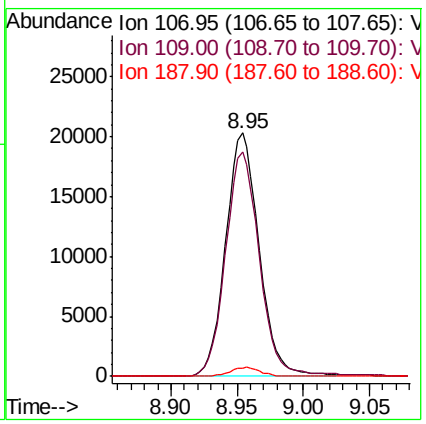


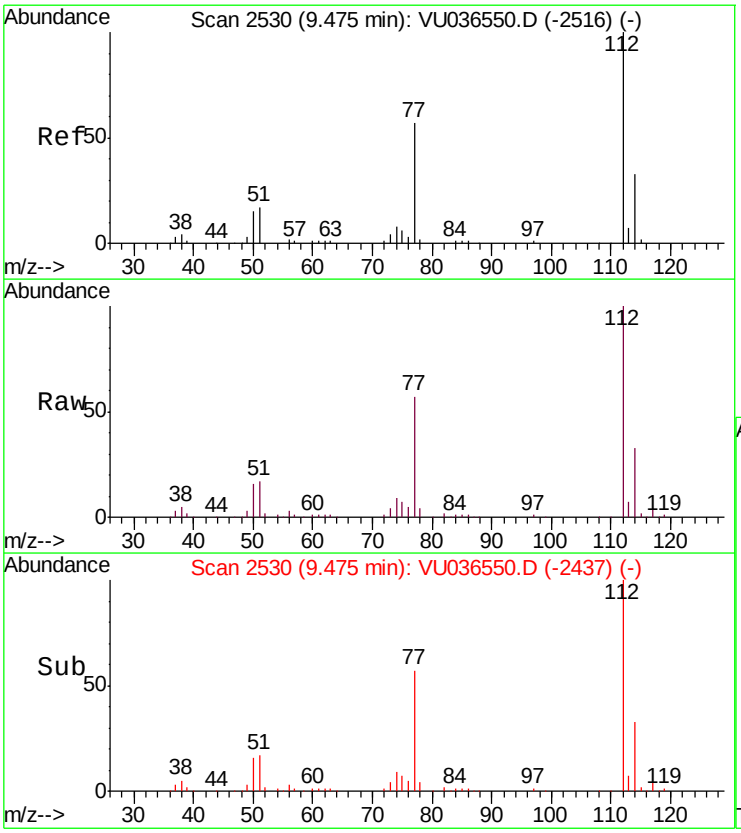
#50
1,2-Dibromoethane
Concen: 5.000 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:107 Resp: 35573

Ion	Ratio	Lower	Upper
107	100		
109	92.2	64.5	119.9
188	3.5	2.8	4.2

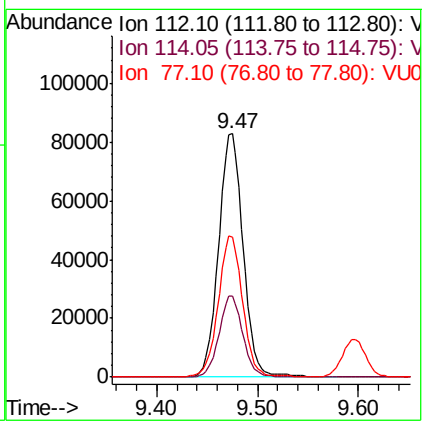


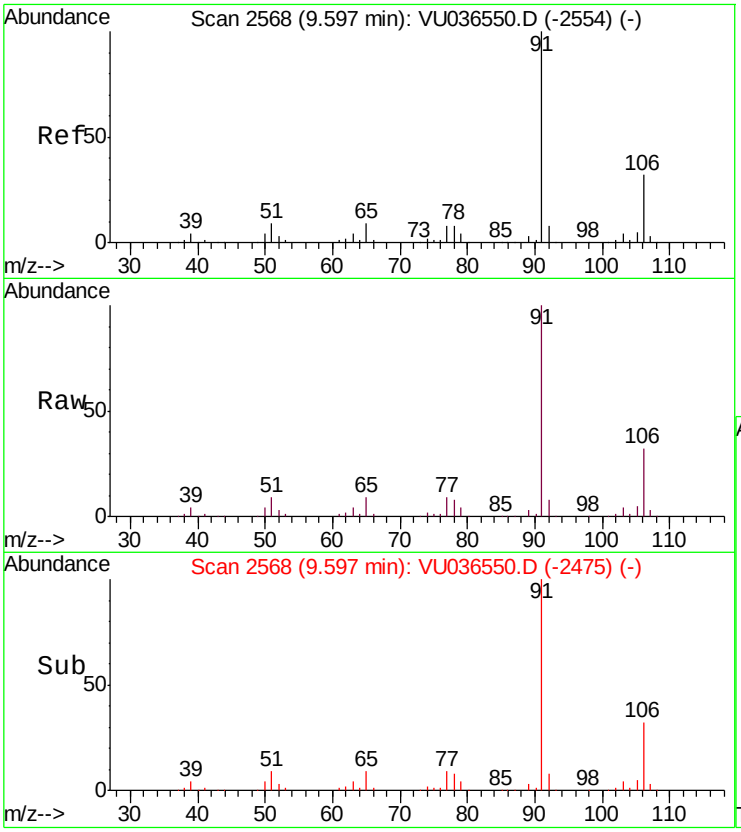


#51
Chlorobenzene
Concen: 5.000 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:112 Resp: 141132

Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.2	43.2
77	57.4	45.9	68.9



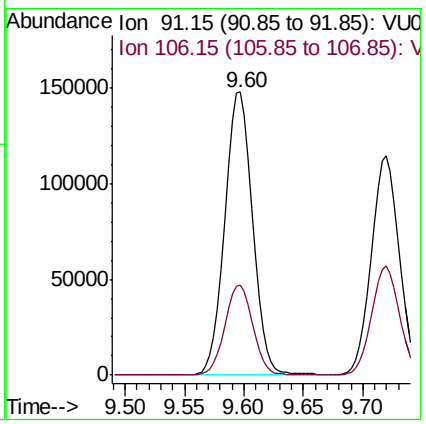


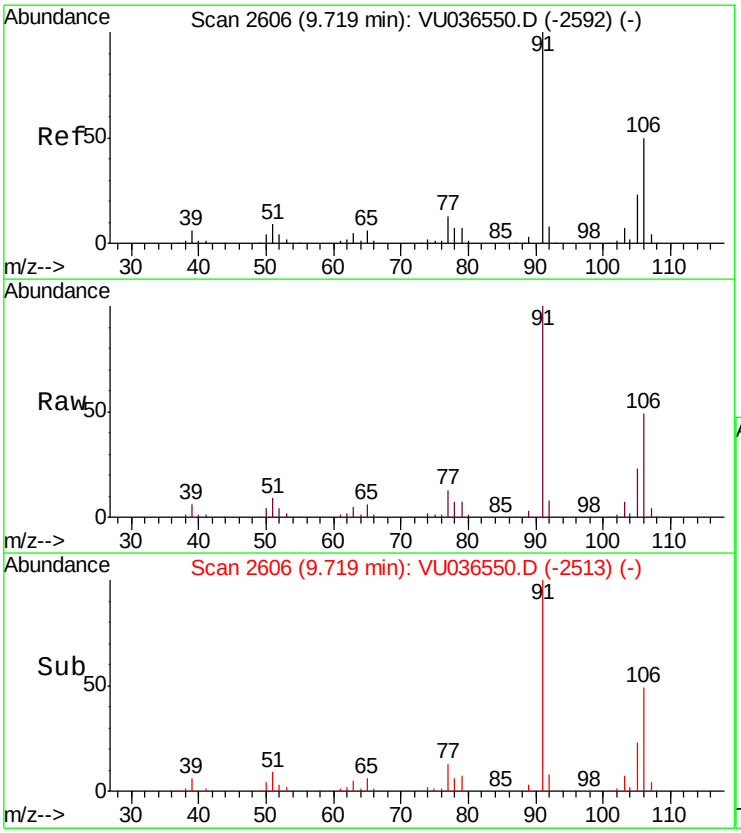
#52
Ethylbenzene
Concen: 5.000 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 91 Resp: 240445

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.3	41.3

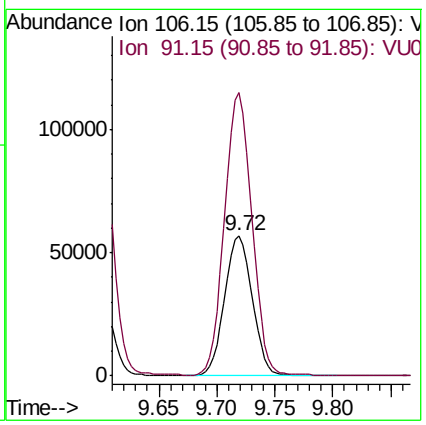


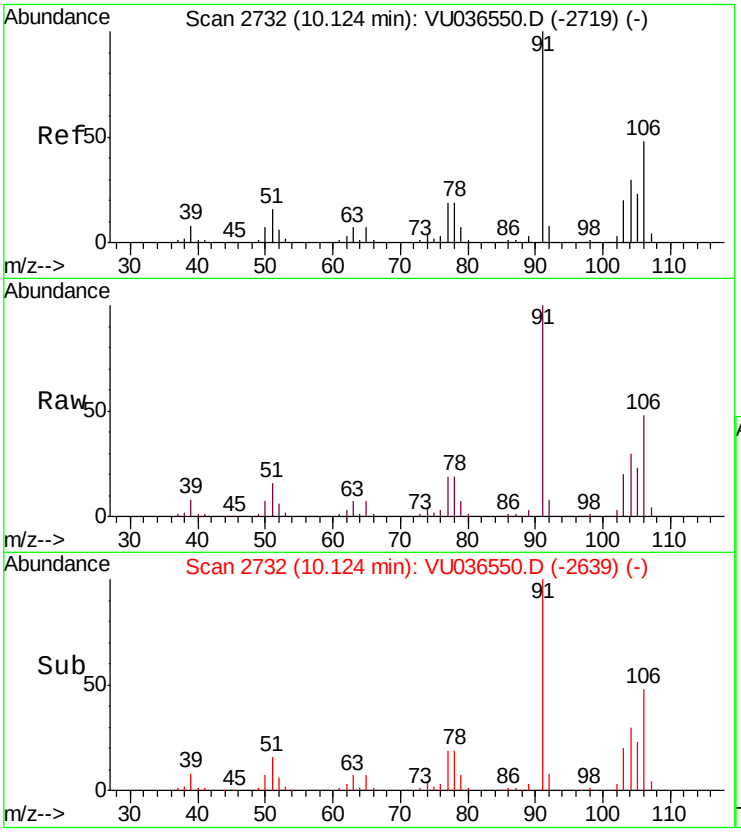


#53
m,p-Xylene
Concen: 5.000 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:106 Resp: 94153

Ion	Ratio	Lower	Upper
106	100		
91	202.0	141.4	262.6



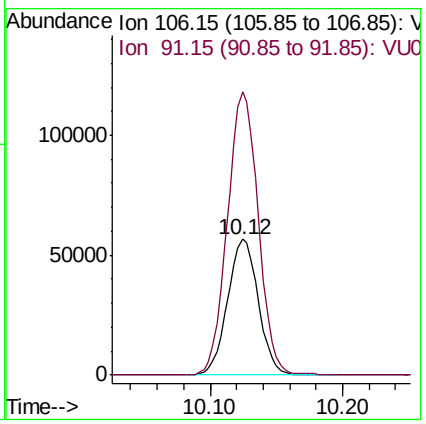


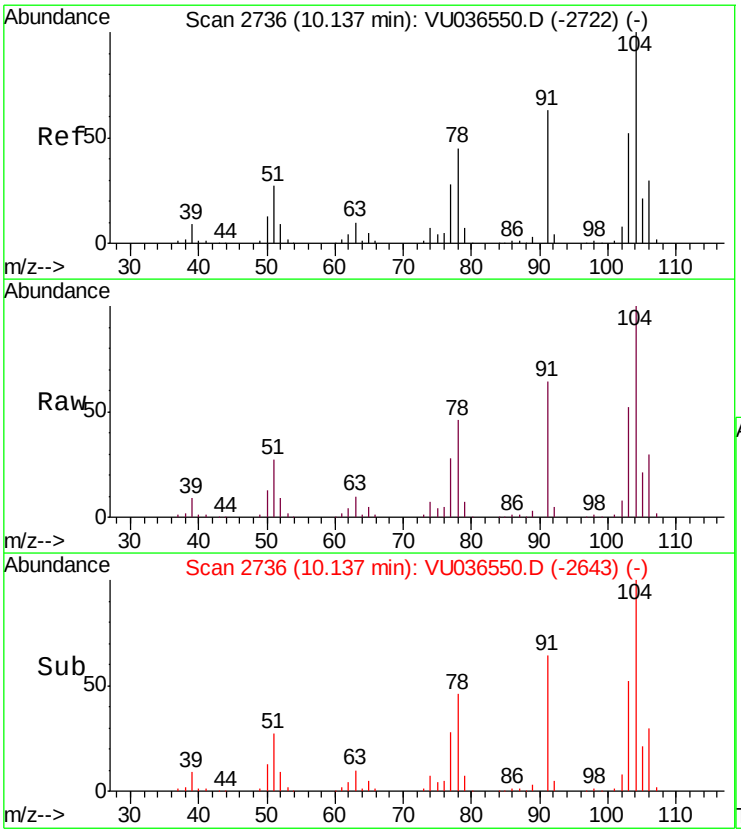
#54
o-Xylene
Concen: 5.000 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:106 Resp: 91065

Ion	Ratio	Lower	Upper
106	100		
91	208.8	146.2	271.4

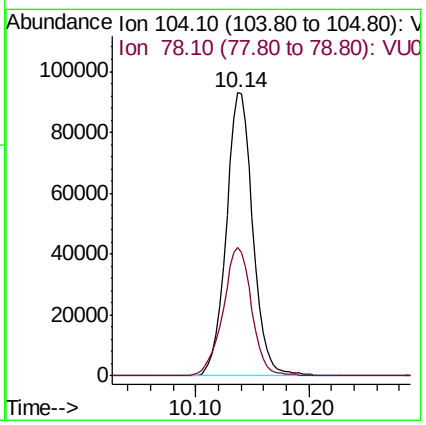


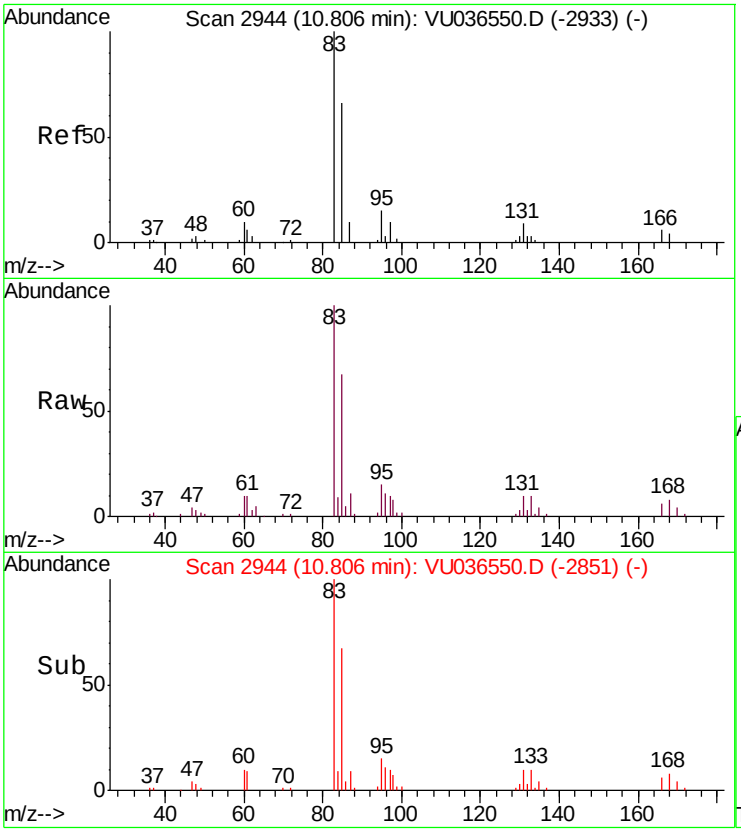


#55
Styrene
Concen: 5.000 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:104 Resp: 151751

Ion	Ratio	Lower	Upper
104	100		
78	45.5	31.9	59.2



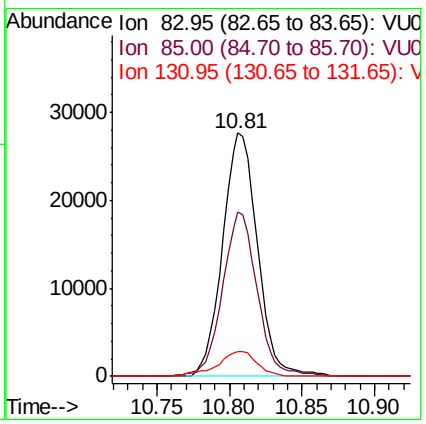


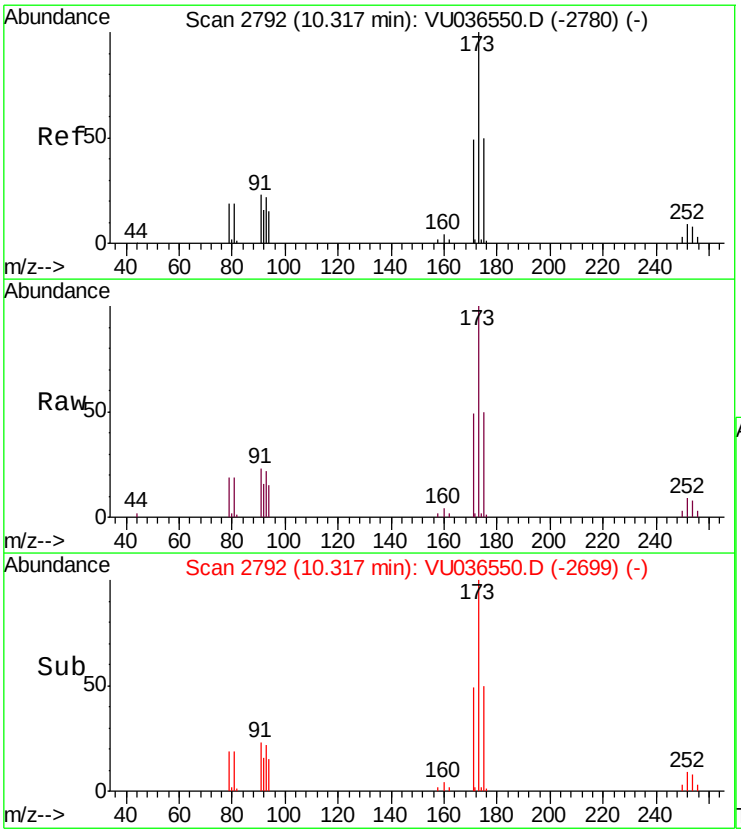
#57
1,1,2,2-Tetrachloroethane
Concen: 5.000 ug/L
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion: 83 Resp: 46091

Ion	Ratio	Lower	Upper
83	100		
85	67.2	47.0	87.4
131	10.1	8.1	12.1

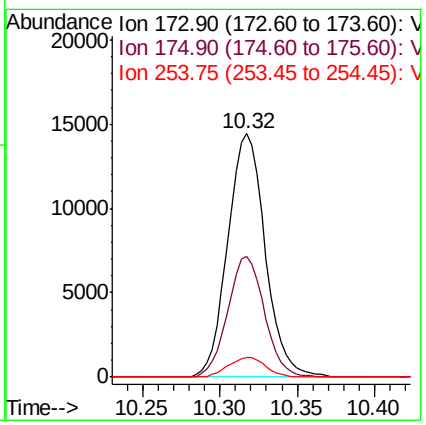


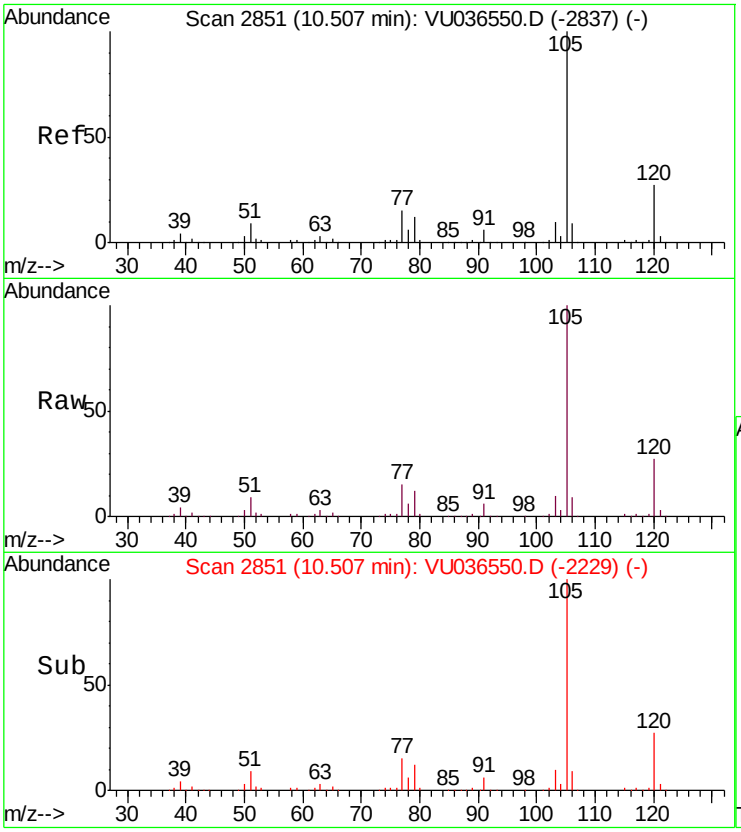


#59
Bromoform
Concen: 5.000 ug/L
RT: 10.32 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:173 Resp: 24181

Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	7.9	6.3	9.5



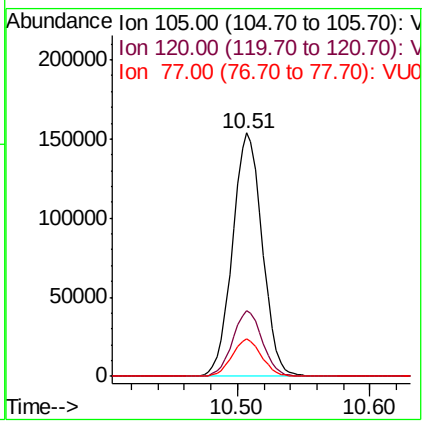


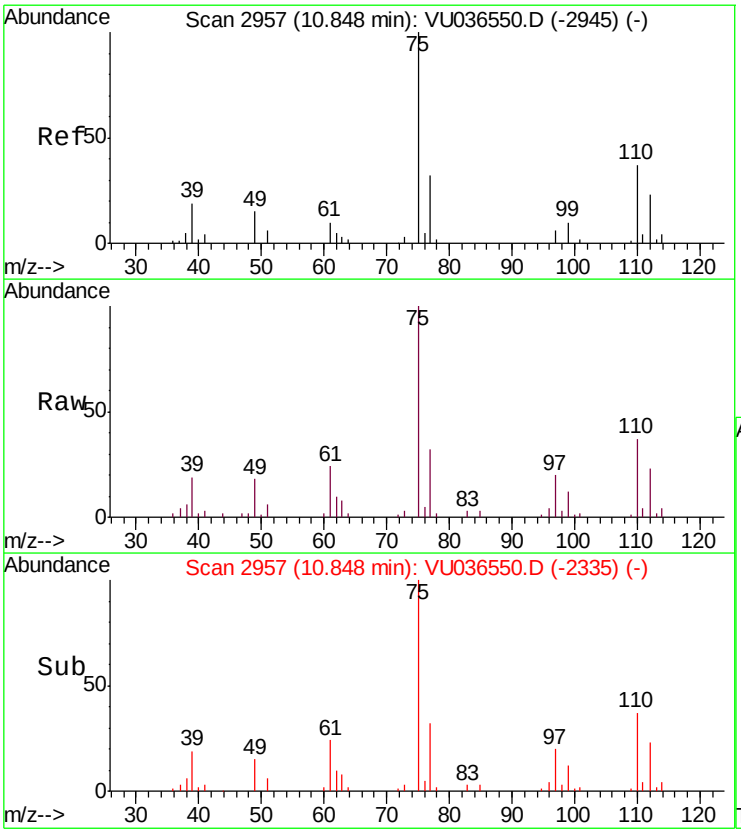
#60
Isopropylbenzene
Concen: 5.000 ug/L
RT: 10.51 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument : MSVOA_U
ClientSampleId : VSTD005603

Tgt Ion:105 Resp: 239218

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.5	32.3
77	15.2	12.2	18.2

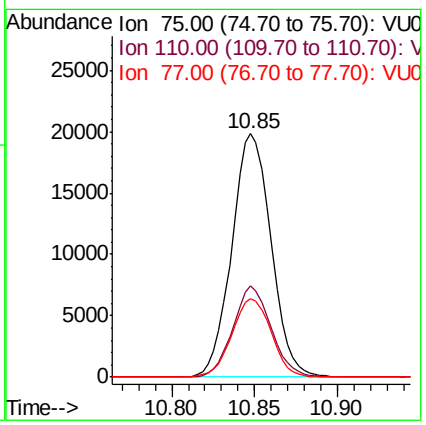


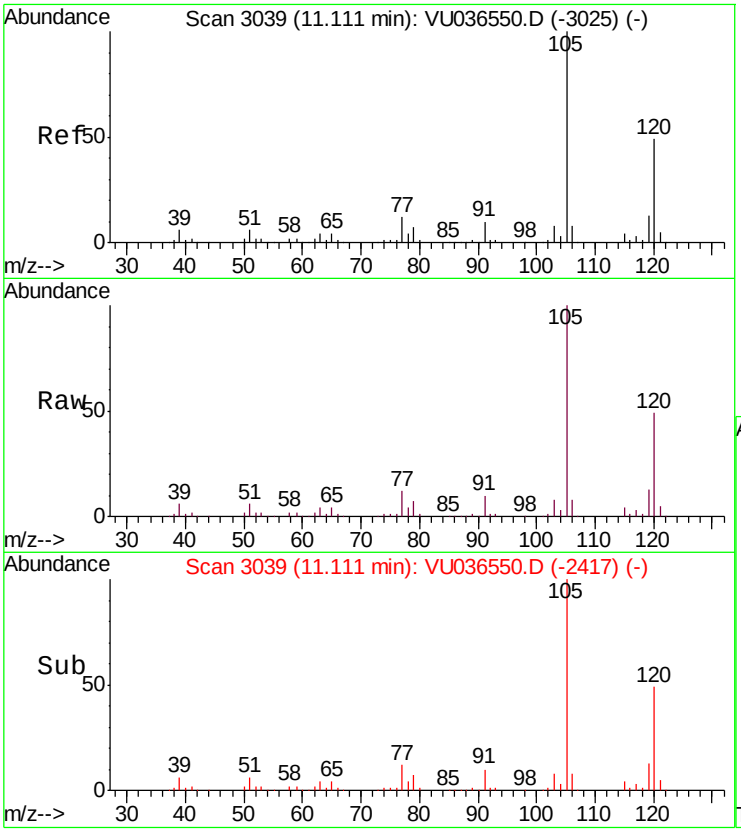


#61
1,2,3-Trichloropropane
Concen: 5.000 ug/L
RT: 10.85 min Scan# 2957
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 75 Resp: 32686

Ion	Ratio	Lower	Upper
75	100		
110	36.2	29.0	43.4
77	32.2	25.8	38.6



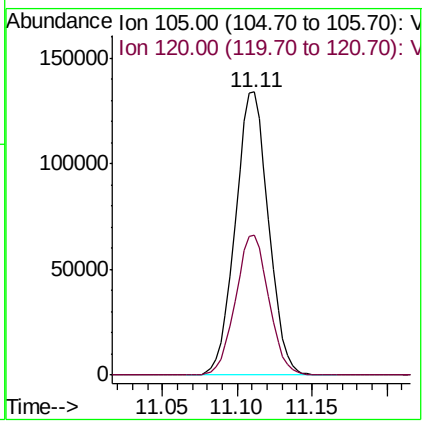


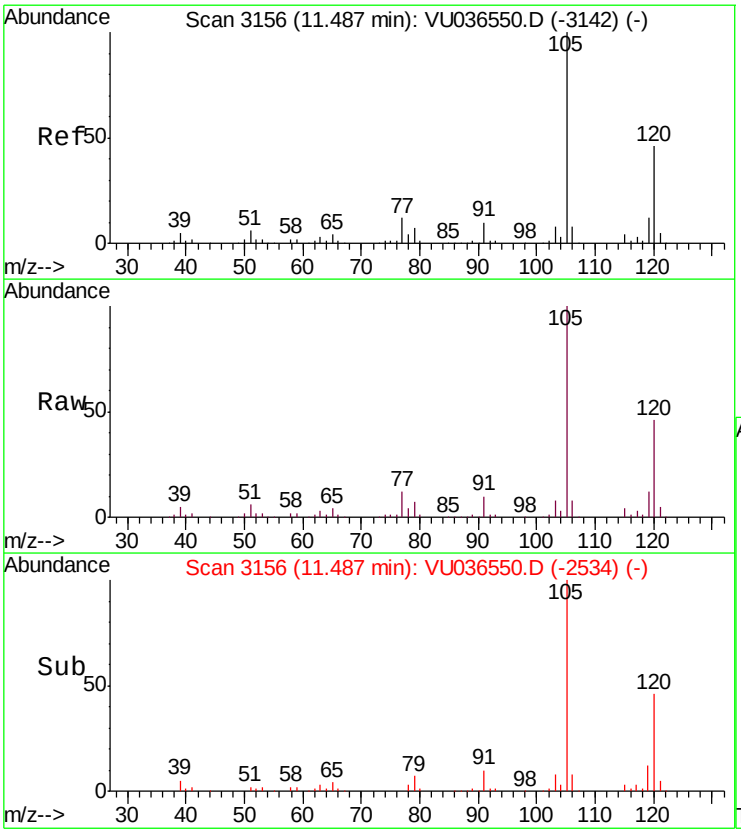
#62
1,3,5-Trimethylbenzene
Concen: 5.000 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:105 Resp: 206254

Ion	Ratio	Lower	Upper
105	100		
120	49.6	39.7	59.5

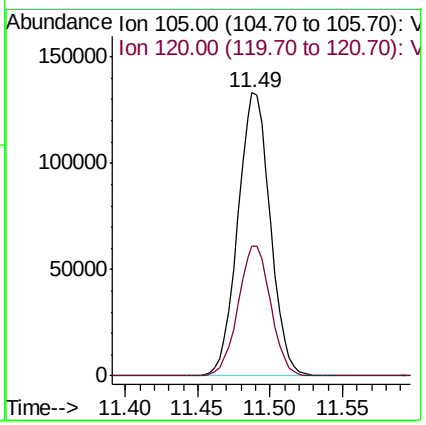


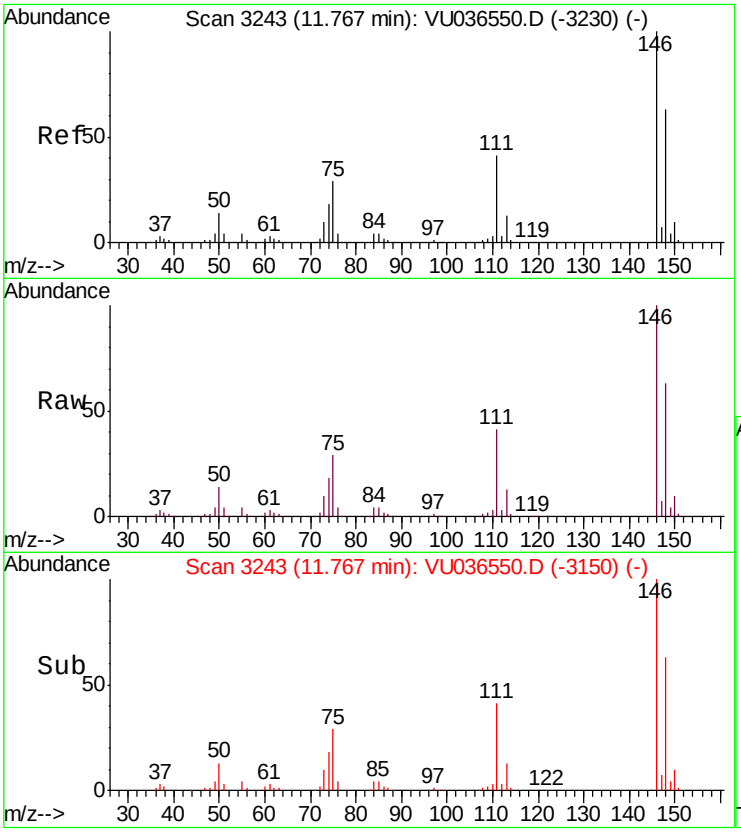


#63
1,2,4-Trimethylbenzene
Concen: 5.000 ug/L
RT: 11.49 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:105 Resp: 206346

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.9	55.3



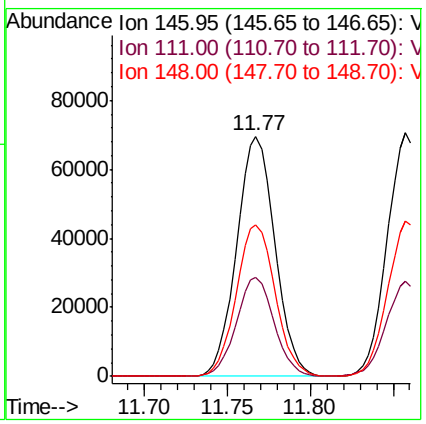


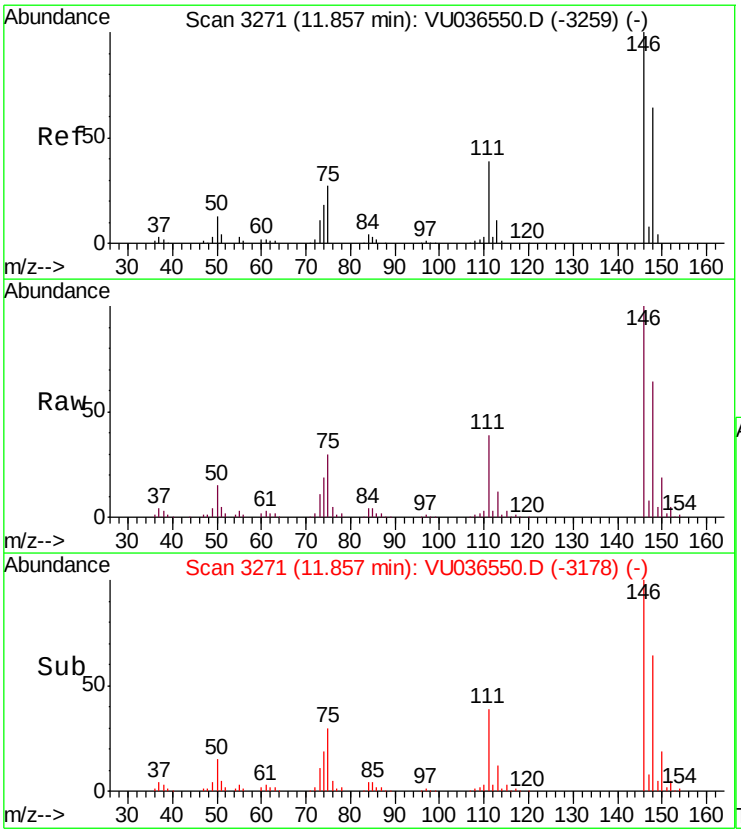
#64
1,3-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:146 Resp: 111677

Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.8	53.6
148	63.2	44.2	82.2

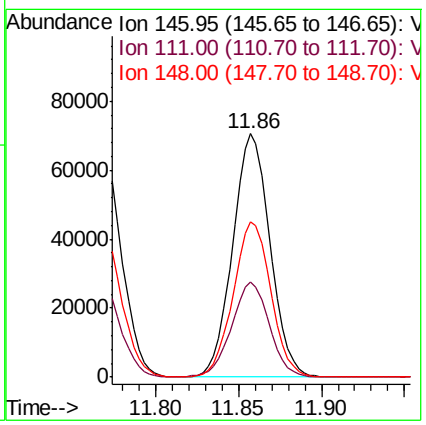


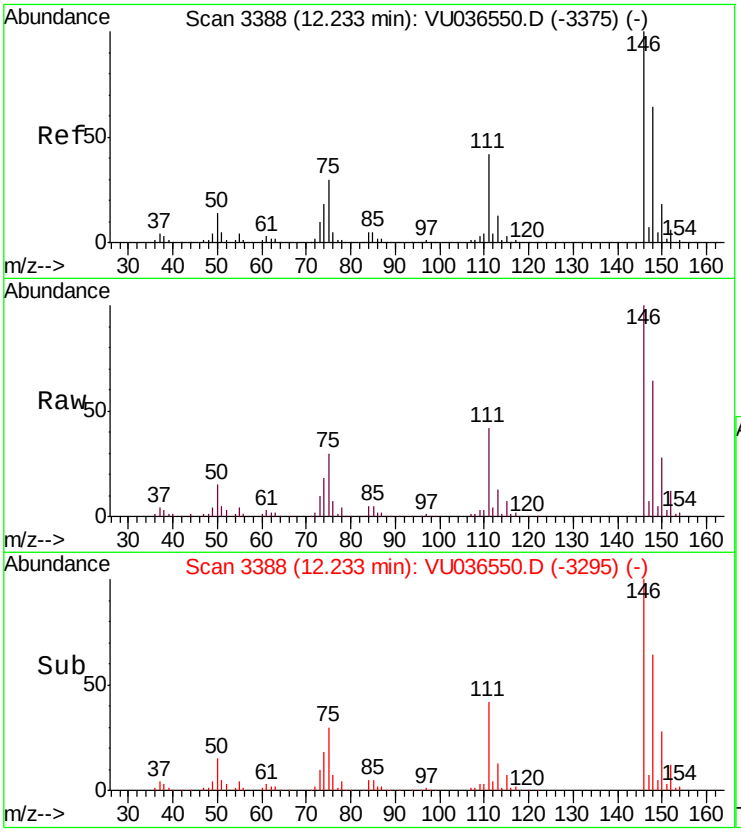


#65
1,4-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:146 Resp: 110291

Ion	Ratio	Lower	Upper
146	100		
111	38.9	27.2	50.6
148	64.0	44.8	83.2



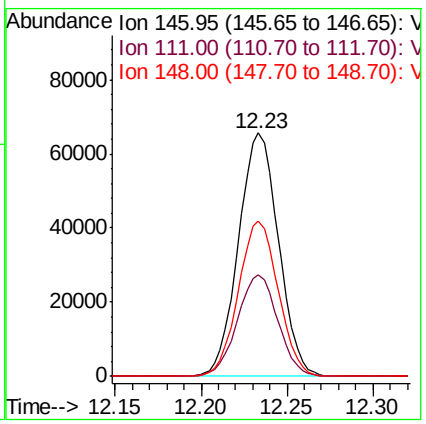


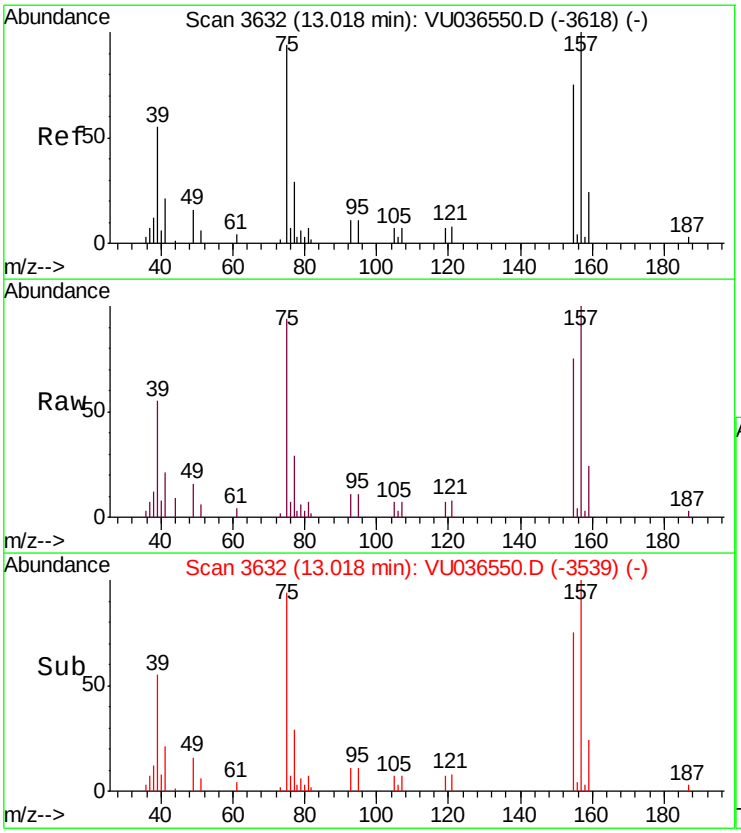
#67
1,2-Dichlorobenzene
Concen: 5.000 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:146 Resp: 105799

Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.4	50.0
148	63.7	51.0	76.4

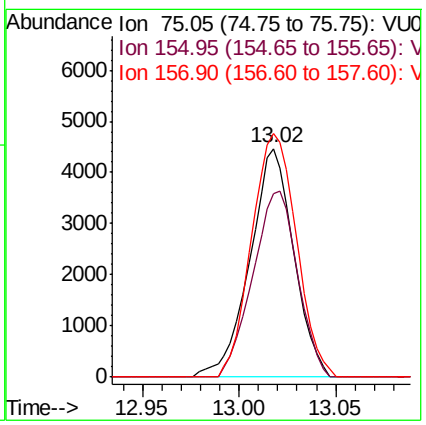


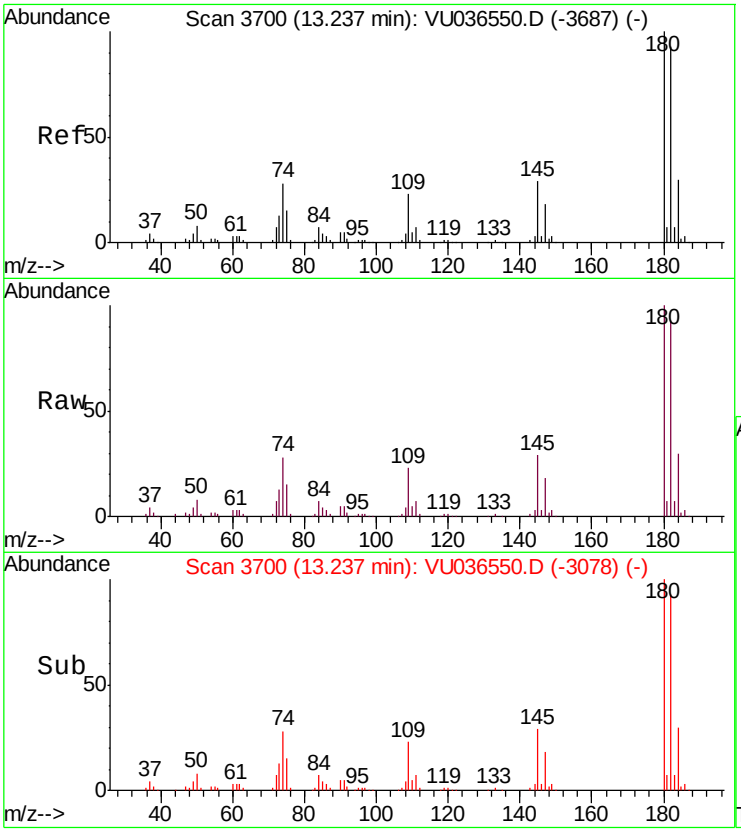


#68
1,2-Dibromo-3-chloropropane
Concen: 5.000 ug/L
RT: 13.02 min Scan# 3632
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion: 75 Resp: 7055

Ion	Ratio	Lower	Upper
75	100		
155	80.3	64.2	96.4
157	106.4	85.1	127.7



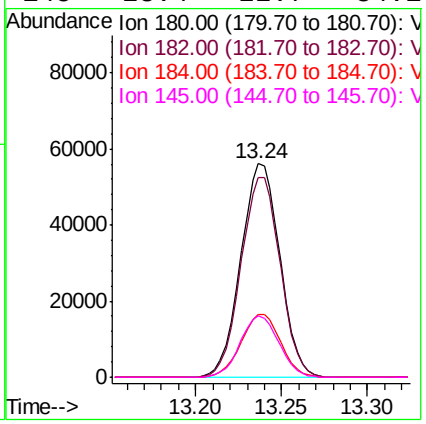


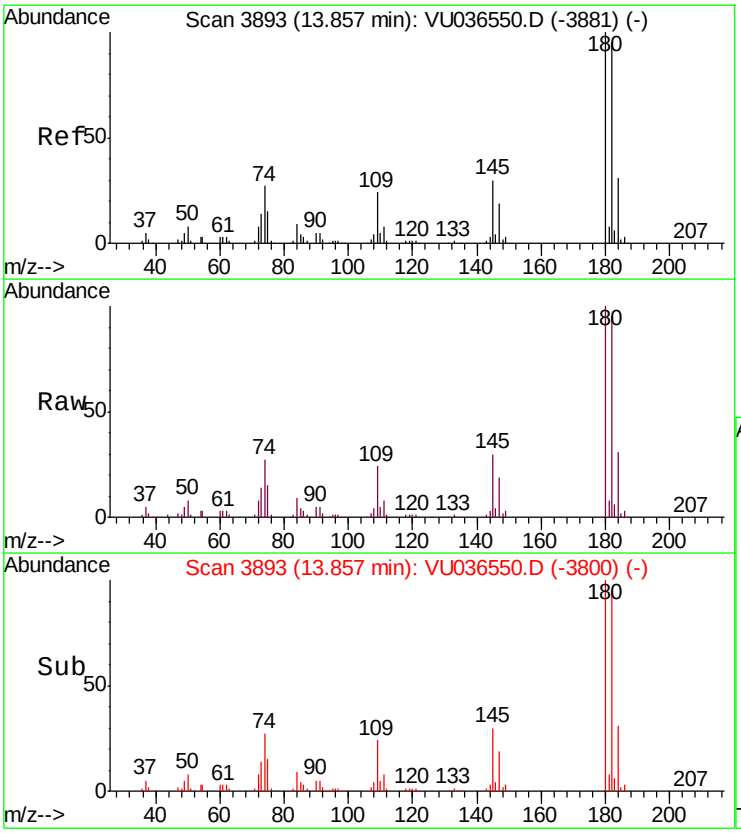
#69
1,3,5-Trichlorobenzene
Concen: 5.000 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:180 Resp: 88460

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
184	29.9	23.9	35.9
145	28.4	22.7	34.1

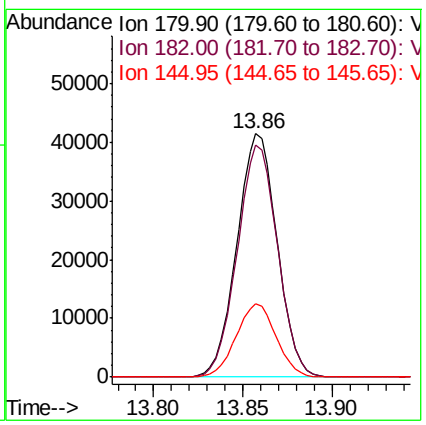


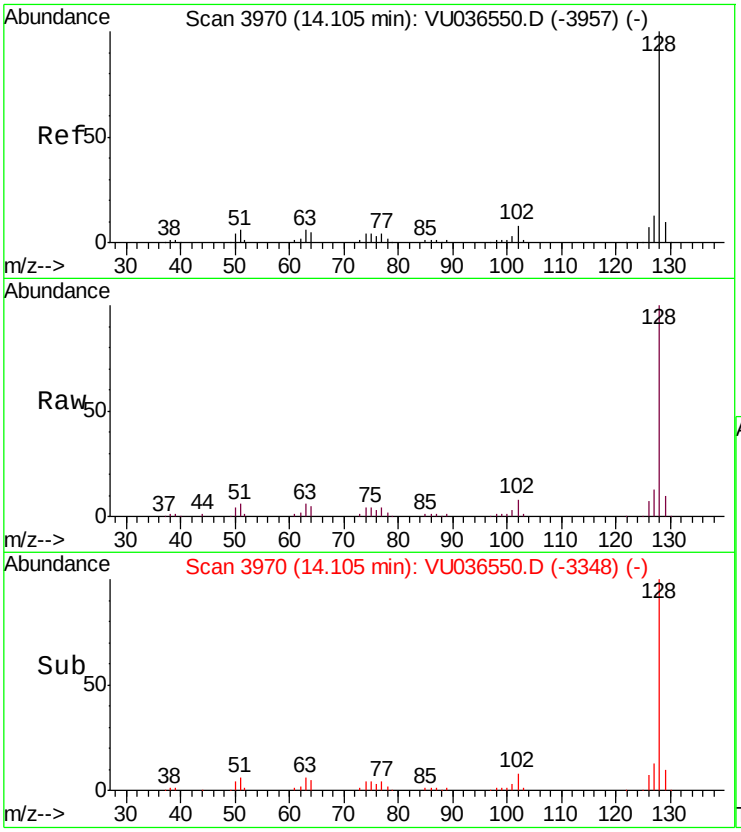


#70
1,2,4-trichlorobenzene
Concen: 5.000 ug/L
RT: 13.86 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:180 Resp: 65414

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	29.9	23.9	35.9



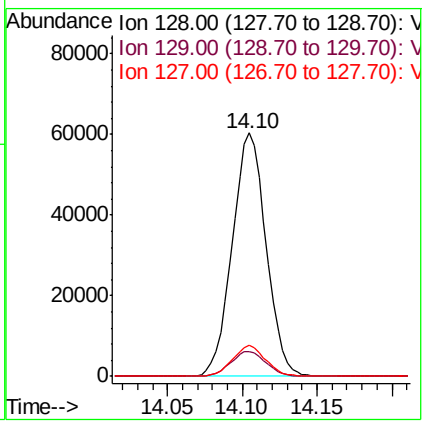


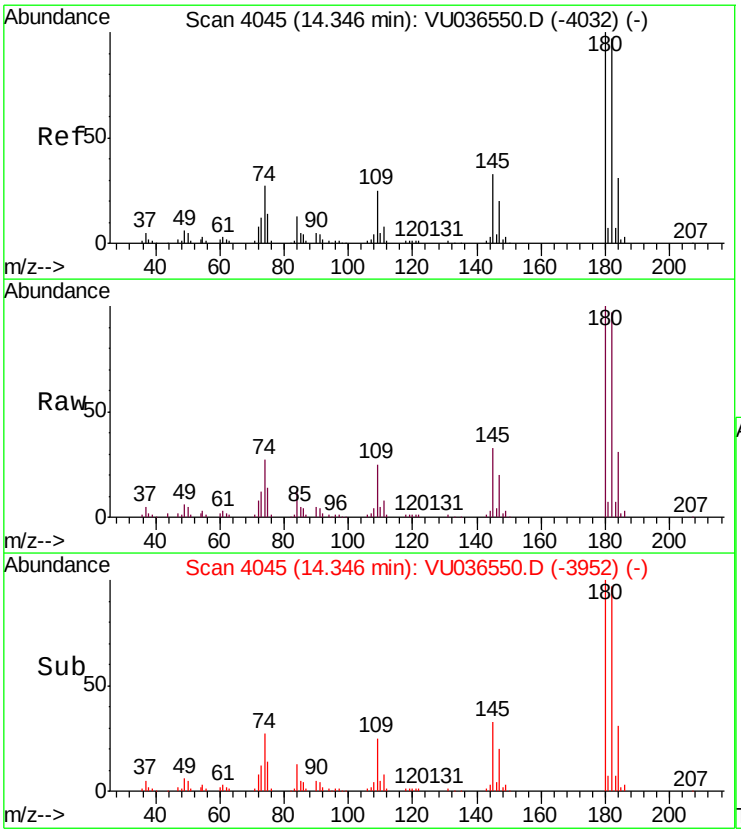
#71
Naphthalene
Concen: 5.000 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Tgt Ion:128 Resp: 95013

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	12.4	9.9	14.9





#72
1,2,3-Trichlorobenzene
Concen: 5.000 ug/L
RT: 14.35 min Scan# 4045
Delta R.T. 0.00 min
Lab File: VU036550.D
Acq: 24 Jan 2020 12:27

Tgt Ion:180 Resp: 59171

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	32.0	25.6	38.4