Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081319\
Quantitation Report (Not Reviewed)

Data File : VU033776.D
Acq On : 13 Aug 2019 09:44
Operator : JC/SP
Sample : VSTD01034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Quant Time: Aug 14 01:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 01:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	388290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	384080	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	191509	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	37073	10.48	ug/L	0.00
7) Chloroethane-d5	1.67	69	33079	11.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	61213	9.80	ug/L	0.00
21) 2-Butanone-d5	4.17	46	17510	8.71	ug/L	0.02
24) Chloroform-d	4.62	84	58623	10.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	36552	10.66	ug/L	0.00
32) Benzene-d6	5.32	84	107738	10.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	34842	10.76	ug/L	0.00
41) Toluene-d8	7.55	98	98699	10.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	15938	10.09	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	23323	17.34	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	50818	10.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.84	152	38040	10.22	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41831	10.773	ug/L	98
3) Chloromethane	1.32	50	43416	11.184	ug/L	96
5) Vinyl chloride	1.39	62	45388	10.282	ug/L	94
6) Bromomethane	1.62	94	30300	9.306	ug/L	100
8) Chloroethane	1.69	64	31325	11.526	ug/L	94
9) Trichlorofluoromethane	1.87	101	60313	10.494	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	29291	10.199	ug/L	98
12) 1,1-Dichloroethene	2.27	96	28968	10.414	ug/L	99
13) Acetone	2.32	43	41496	21.046	ug/L	96
14) Carbon disulfide	2.46	76	89621	10.544	ug/L	100
15) Methyl Acetate	2.61	43	32451	10.146	ug/L	99
16) Methylene chloride	2.68	84	32419	10.397	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	29149	10.286	ug/L	97
18) Methyl tert-butyl Ether	2.98	73	82272	9.890	ug/L	99
19) 1,1-Dichloroethane	3.42	63	56531	10.631	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	30990	9.960	ug/L	98
22) 2-Butanone	4.25	43	45911	19.454	ug/L	95
23) Bromochloromethane	4.53	128	16601	10.020	ug/L	97
25) Chloroform	4.65	83	59790	10.649	ug/L	98
27) 1,2-Dichloroethane	5.38	62	45721	10.447	ug/L	97
29) Cyclohexane	4.97	56	39100	9.253	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	49287	10.738	ug/L	97
31) Carbon tetrachloride	5.11	117	43997	10.776	ug/L	98
33) Benzene	5.37	78	123327	10.673	ug/L	100
34) Trichloroethene	6.17	95	32990	10.955	ug/L	99
35) Methylcyclohexane	6.40	83	43000	9.357	ug/L	99
37) 1,2-Dichloropropane	6.41	63	33376	10.717	ug/L	98
38) Bromodichloromethane	6.74	83	43615	10.676	ug/L	96
39) cis-1,3-Dichloropropene	7.25	75	43197	9.340	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	76834	18.925	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081319\

Quantitation Report (Not Reviewed)

Data File : VU033776.D
Acq On : 13 Aug 2019 09:44
Operator : JC/SP
Sample : VSTD01034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Quant Time: Aug 14 01:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 01:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	124033	10.019	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	41430	9.856	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	31657	10.705	ug/L	97
46) Tetrachloroethene	8.21	164	25179	10.248	ug/L	97
48) 2-Hexanone	8.35	43	56440	17.179	ug/L	98
49) Dibromochloromethane	8.46	129	34281	10.360	ug/L	98
50) 1,2-Dibromoethane	8.57	107	32104	10.031	ug/L	91
51) Chlorobenzene	9.10	112	82535	10.075	ug/L	99
52) Ethylbenzene	9.23	91	124454	9.297	ug/L	99
53) m,p-Xylene	9.36	106	46155	9.162	ug/L	99
54) o-xylene	9.76	106	45651	9.246	ug/L	96
55) Styrene	9.77	104	73967	8.818	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.44	83	53191	10.191	ug/L	99
59) Bromoform	9.94	173	25464	10.545	ug/L	98
60) 1,2,3-Trichloropropane	10.48	75	41582	10.635	ug/L	99
61) Isopropylbenzene	10.15	105	114793	9.352	ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	84587	8.531	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	84997	8.637	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	60990	9.732	ug/L	99
65) 1,4-Dichlorobenzene	11.49	146	61835	9.535	ug/L	98
67) 1,2-Dichlorobenzene	11.86	146	61438	9.812	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.64	75	10861	10.020	ug/L	96
69) 1,3,5-Trichlorobenzene	12.87	180	43803	9.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.49	180	33513	8.403	ug/L	98
71) Naphthalene	13.73	128	84322	7.262	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	35905	8.622	ug/L	99

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

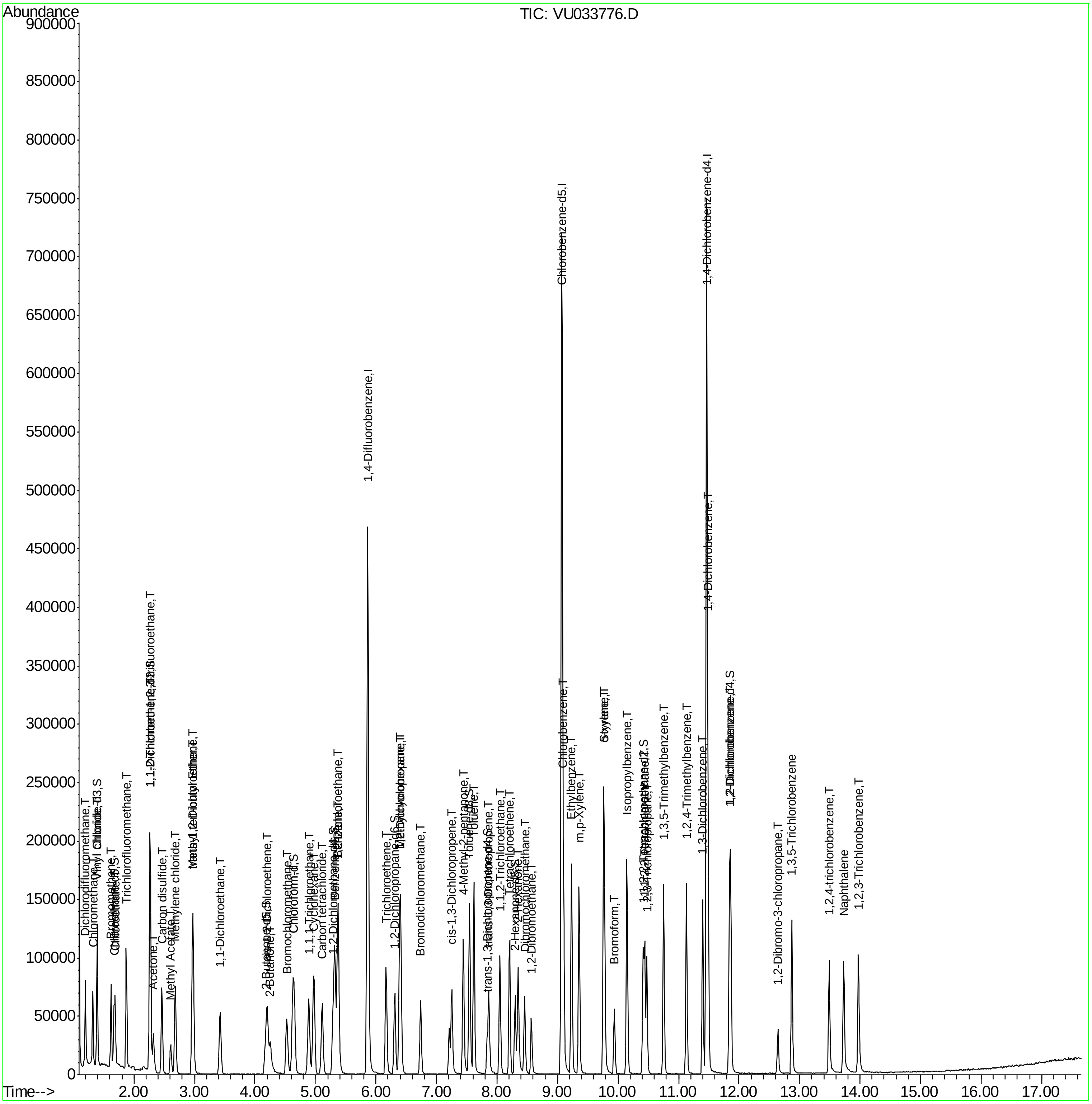
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081319\

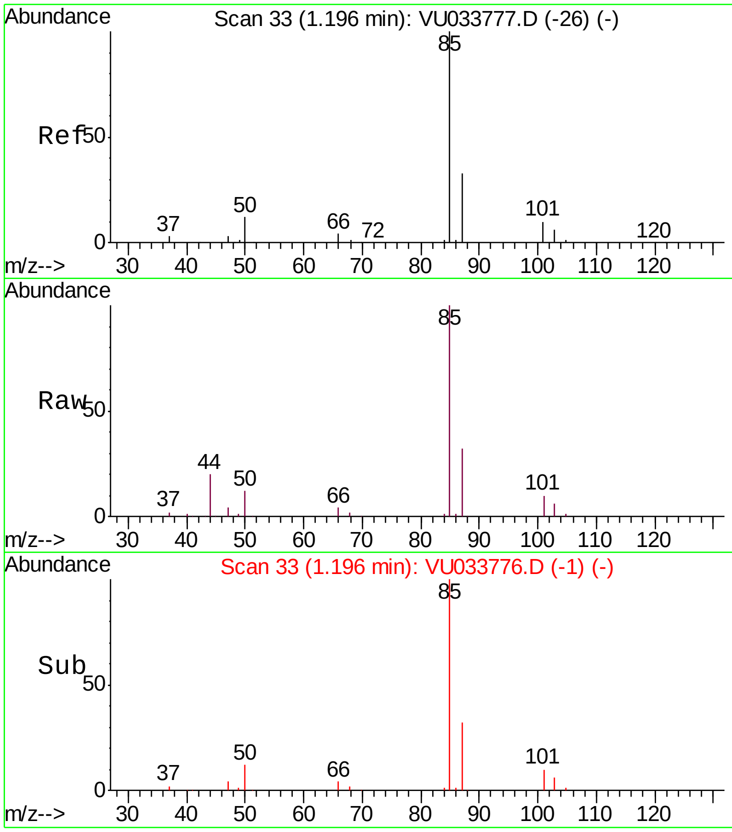
Quantitation Report (Not Reviewed)

Data File : VU033776.D
Acq On : 13 Aug 2019 09:44
Operator : JC/SP
Sample : VSTD01034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Quant Time: Aug 14 01:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 01:33:31 2019
Response via : Initial Calibration



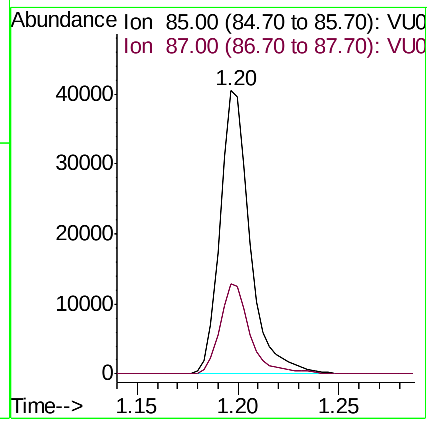


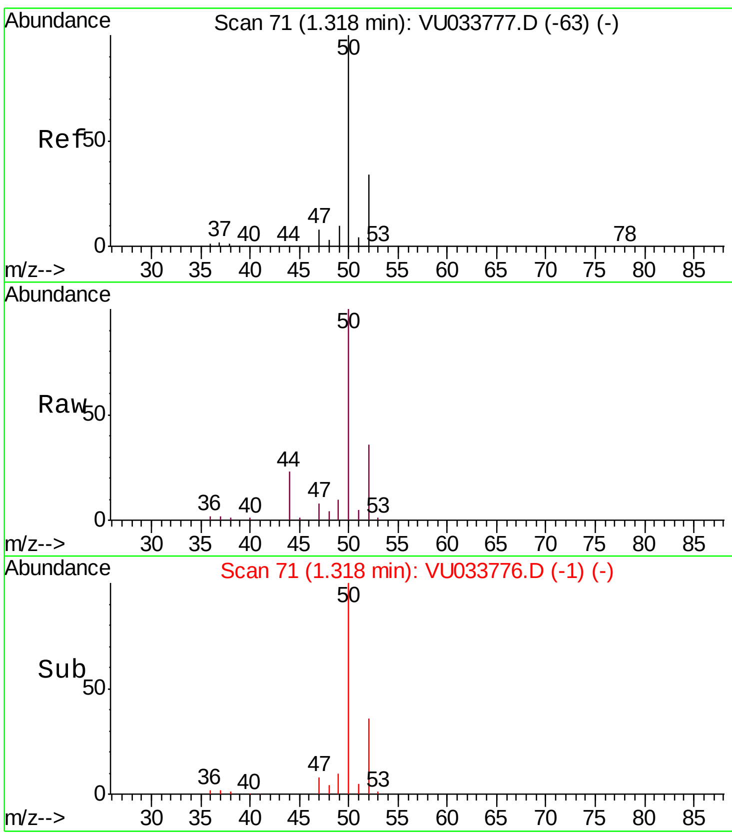
#2
Dichlorodifluoromethane
Concen: 10.773 ug/L
RT: 1.20 min   Scan# 33
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 85 Resp: 41831

Ion	Ratio	Lower	Upper
85	100		
87	31.9	26.4	39.6

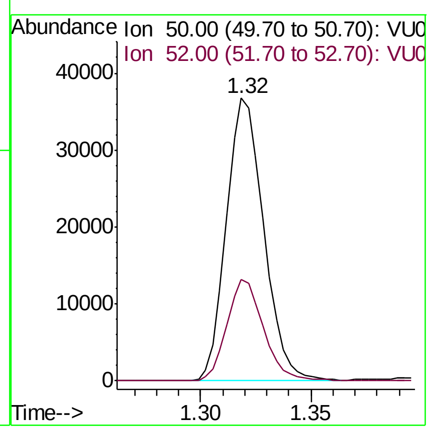


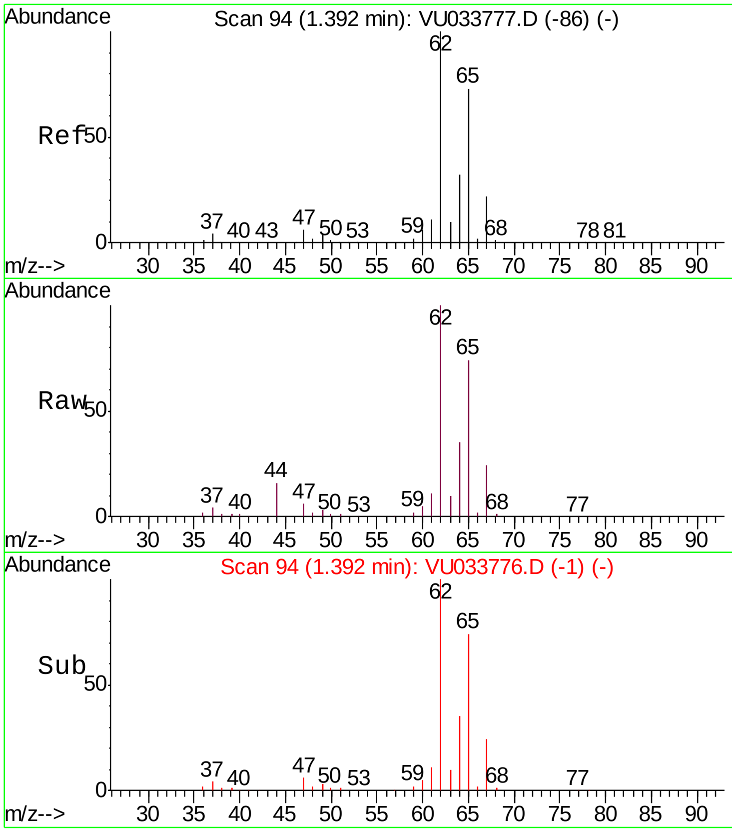


#3
Chloromethane
Concen: 11.184 ug/L
RT: 1.32 min   Scan# 71
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Tgt Ion: 50 Resp: 43416

Ion	Ratio	Lower	Upper
50	100		
52	35.8	23.5	43.7



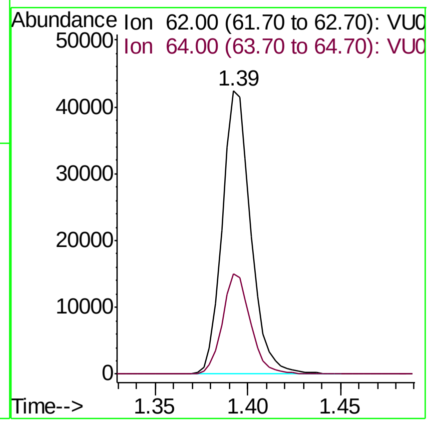


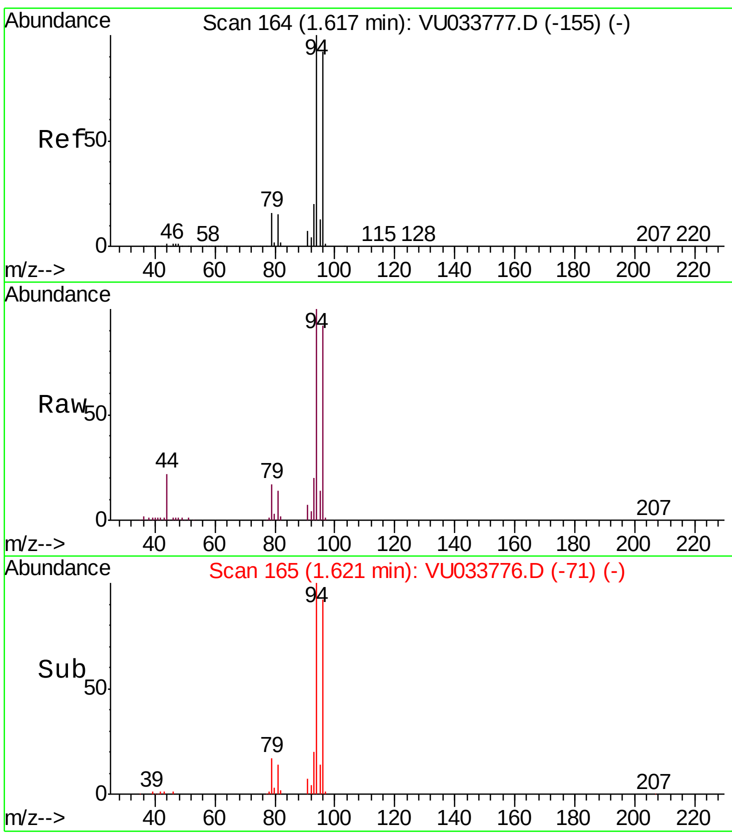
#5
Vinyl chloride
Concen: 10.282 ug/L
RT: 1.39 min Scan# 94
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 62 Resp: 45388

Ion	Ratio	Lower	Upper
62	100		
64	35.3	22.3	41.5

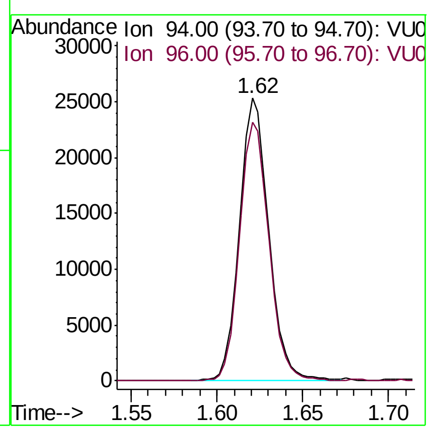


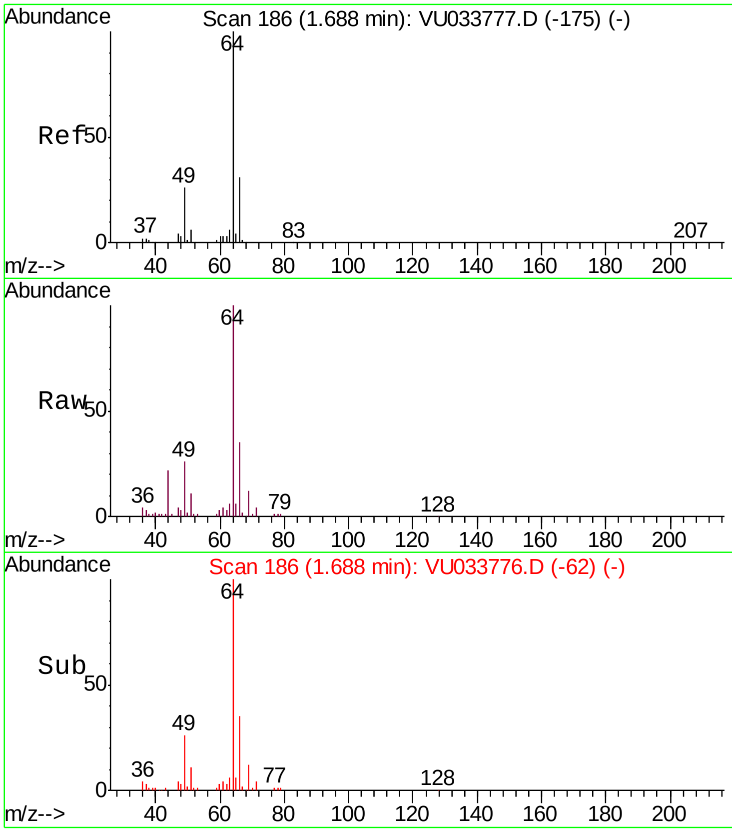


#6
Bromomethane
Concen: 9.306 ug/L
RT: 1.62 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 94 Resp: 30300

Ion	Ratio	Lower	Upper
94	100		
96	91.7	64.5	119.7



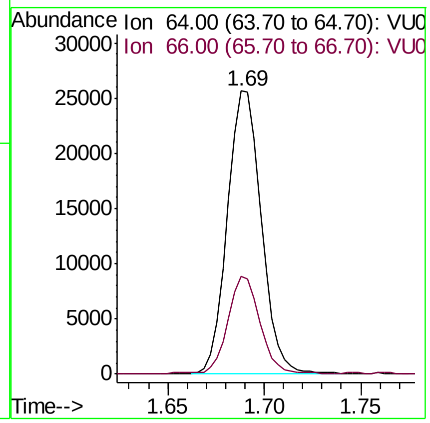


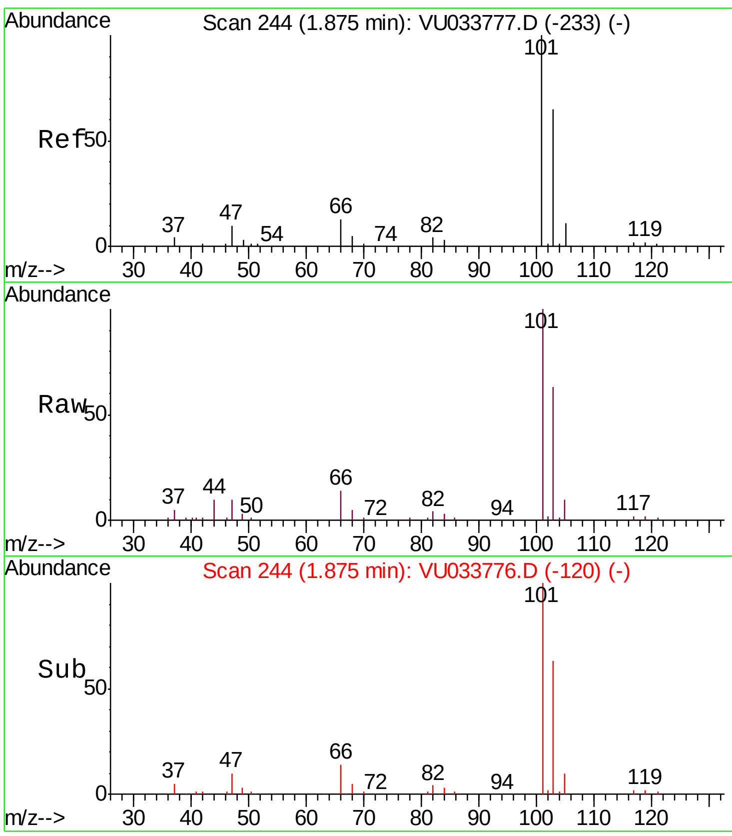
#8
Chloroethane
Concen: 11.526 ug/L
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 64 Resp: 31325

Ion	Ratio	Lower	Upper
64	100		
66	34.6	21.9	40.7

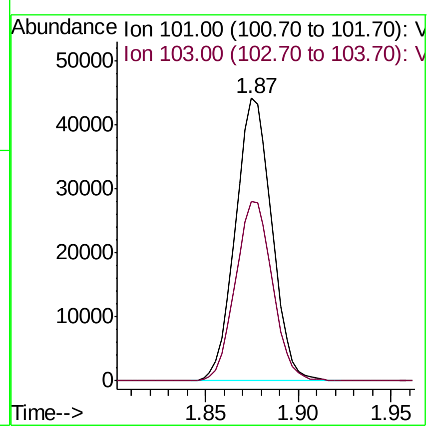


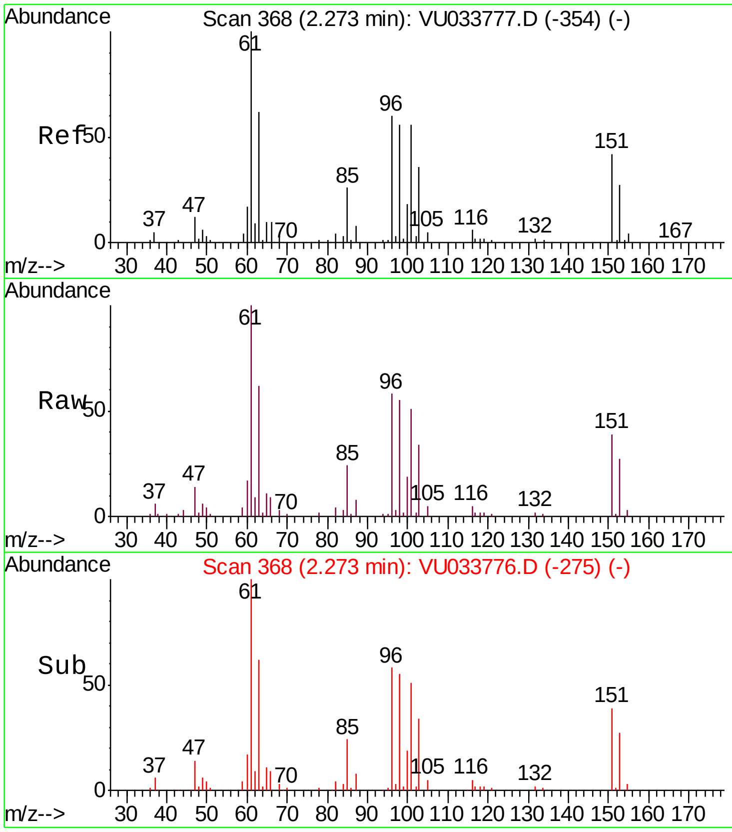


#9
Trichlorofluoromethane
Concen: 10.494 ug/L
RT: 1.87 min Scan# 244
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:101 Resp: 60313

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4



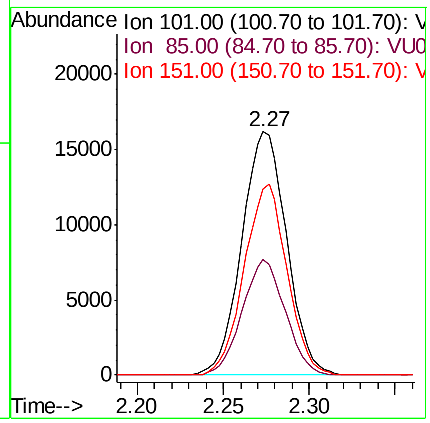


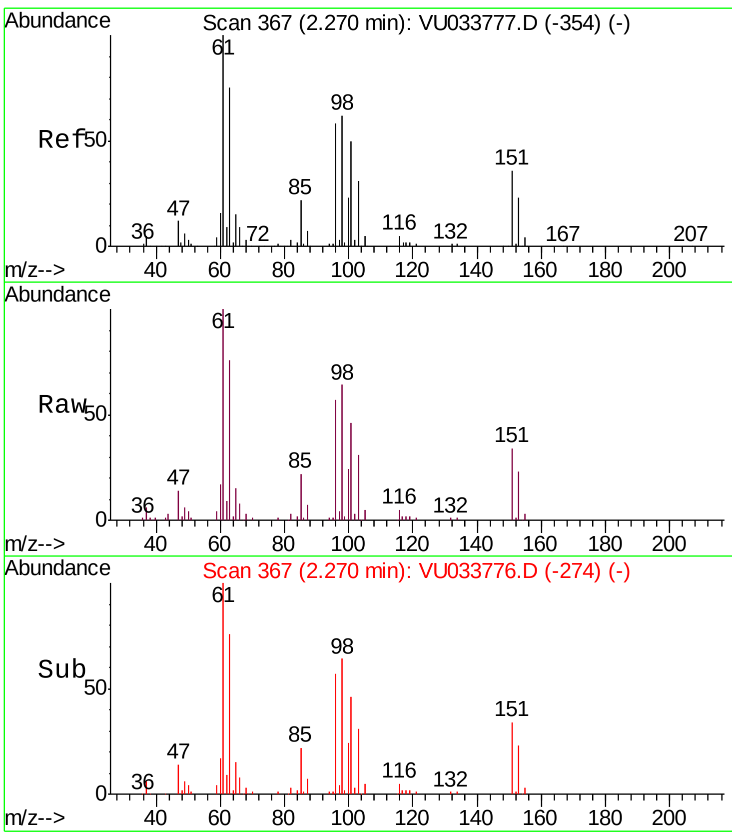
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.199 ug/L
RT: 2.27 min   Scan# 368
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:101 Resp: 29291

Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.2	52.8
151	75.0	58.5	87.7

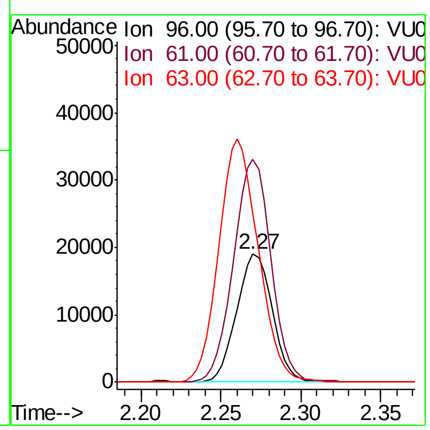


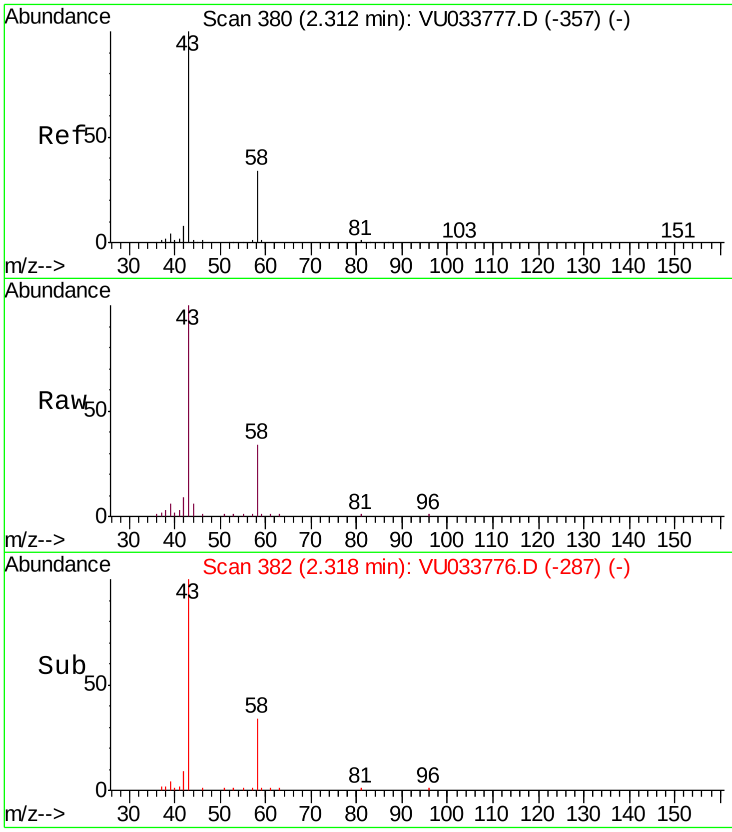


#12
1,1-Dichloroethene
Concen: 10.414 ug/L
RT: 2.27 min   Scan# 367
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Tgt Ion: 96 Resp: 28968

Ion	Ratio	Lower	Upper
96	100		
61	174.7	121.5	225.7
63	132.0	92.9	172.5

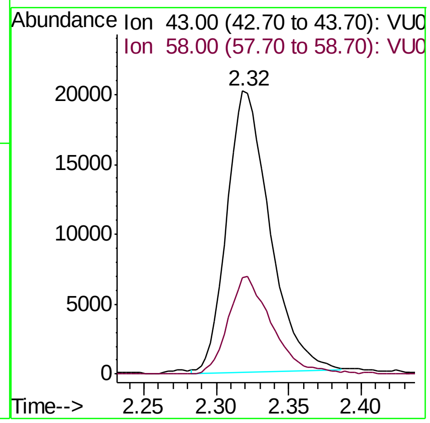


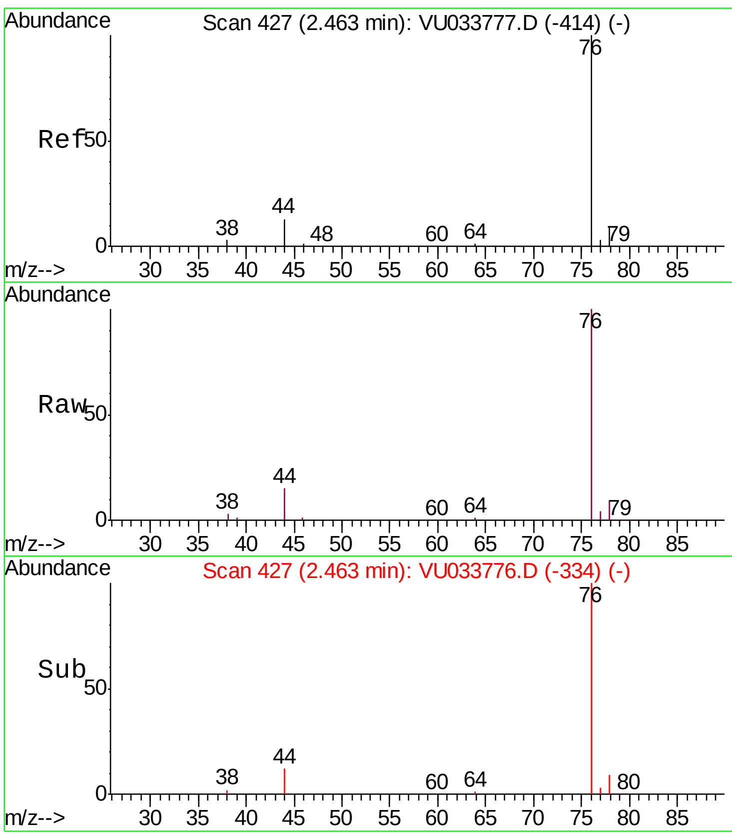



```
#13
Acetone
Concen:   21.046 ug/L
RT: 2.32 min  Scan# 382
Delta R.T.   0.01 min
Lab File:   VU033776.D
Acq: 13 Aug 2019  09:44

Tgt Ion: 43 Resp:   41496
Ion  Ratio  Lower  Upper
 43  100
 58   35.2    0.0   65.8
```

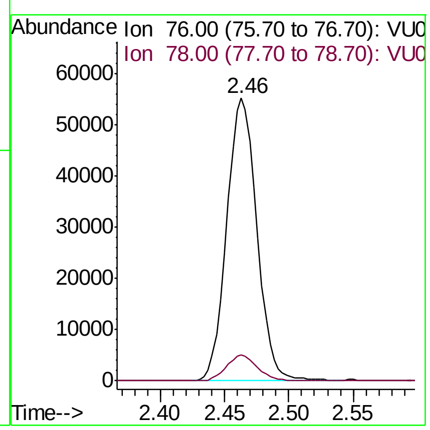
Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

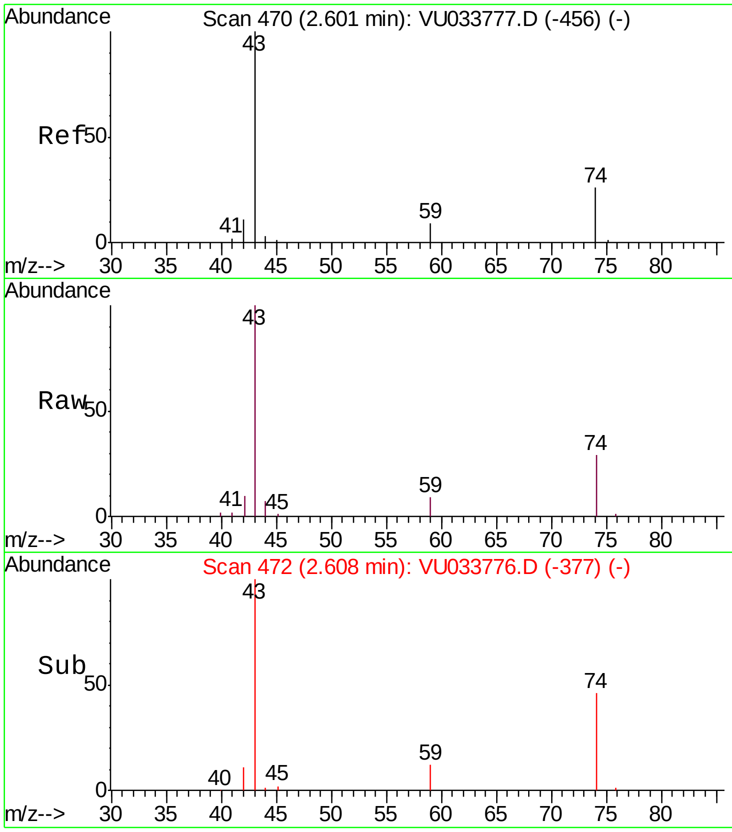





```
#14
Carbon disulfide
Concen:   10.544 ug/L
RT: 2.46 min  Scan# 427
Delta R.T.   -0.00 min
Lab File:   VU033776.D
Acq: 13 Aug 2019  09:44

Tgt Ion: 76 Resp:   89621
Ion  Ratio  Lower  Upper
 76  100
 78    9.1    7.3   10.9
```



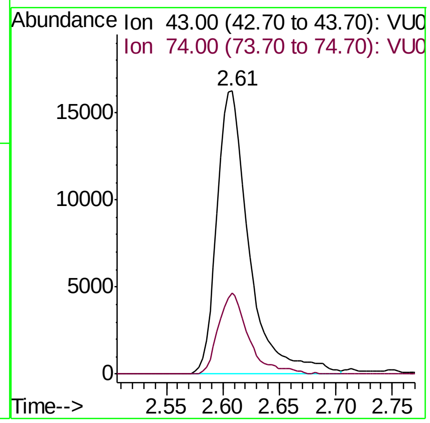


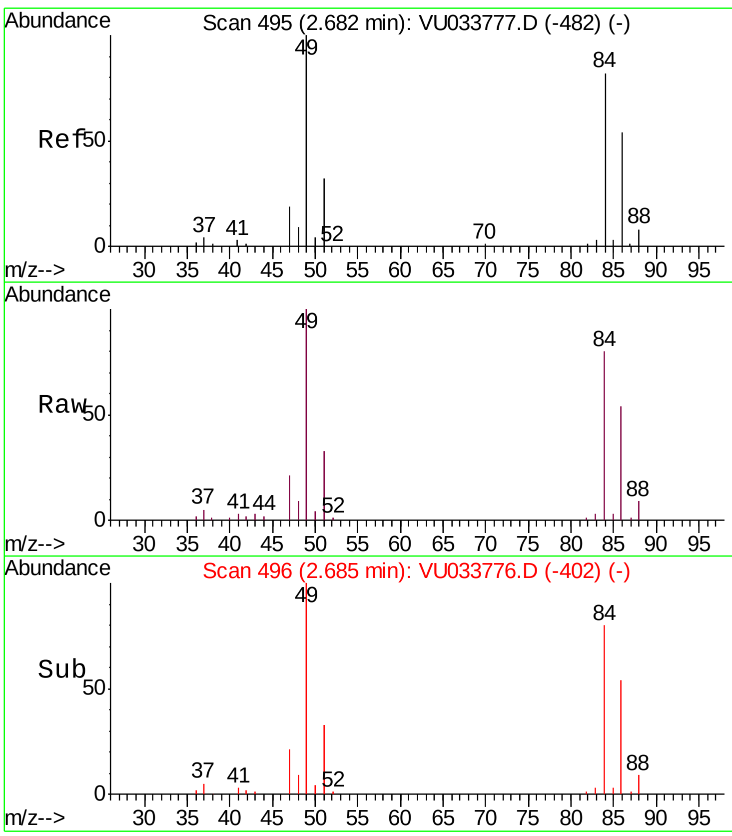
#15
Methyl Acetate
Concen: 10.146 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 43 Resp: 32451

Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.3	30.5

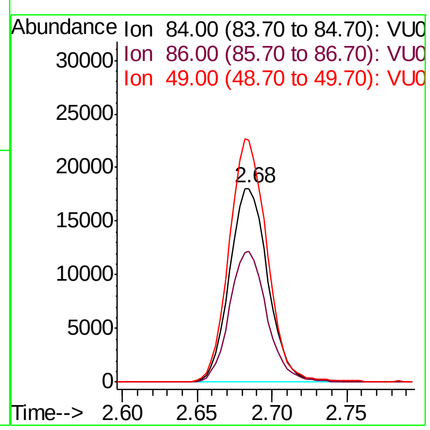


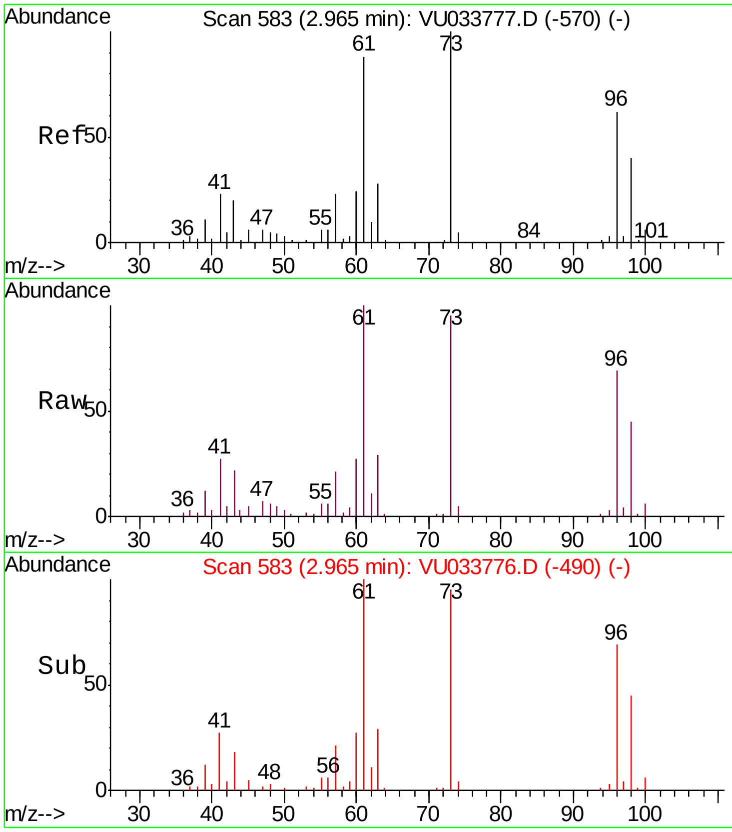


#16
Methylene chloride
Concen: 10.397 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 84 Resp: 32419

Ion	Ratio	Lower	Upper
84	100		
86	67.2	45.4	84.4
49	124.9	84.9	157.7



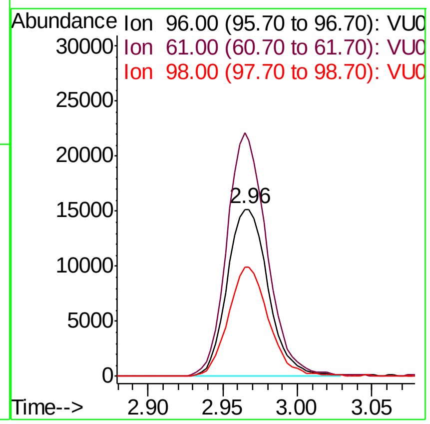


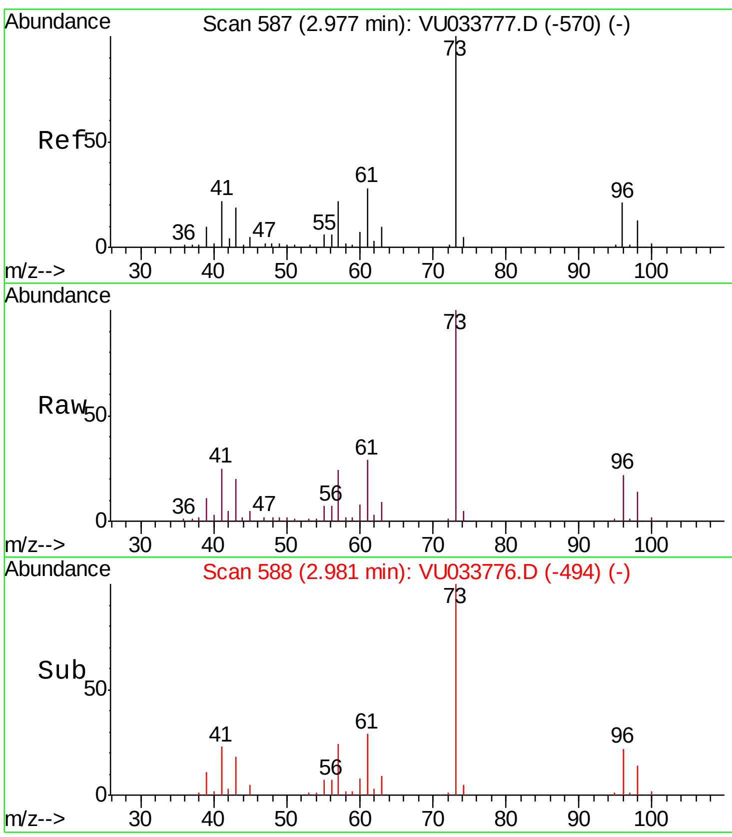
#17
trans-1,2-Dichloroethene
Concen: 10.286 ug/L
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 96 Resp: 29149

Ion	Ratio	Lower	Upper
96	100		
61	145.7	98.8	183.6
98	65.4	44.6	82.8

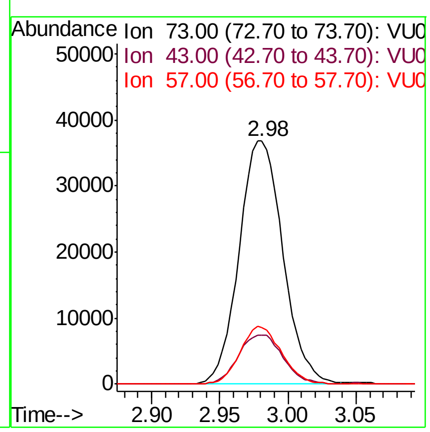




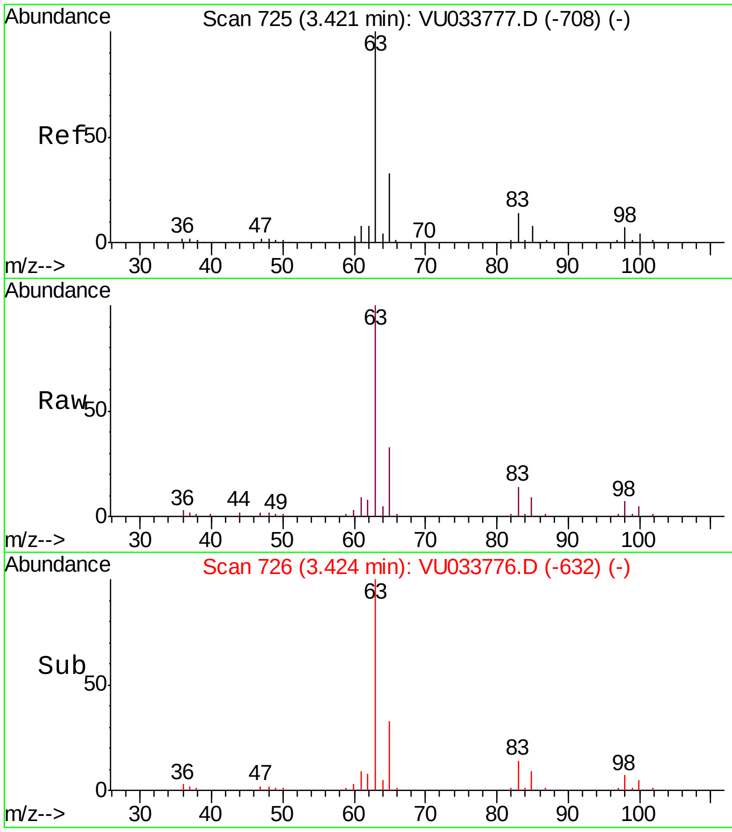
#18
Methyl tert-butyl Ether
Concen: 9.890 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 73 Resp: 82272

Ion	Ratio	Lower	Upper
73	100		
43	20.7	15.4	23.2
57	22.4	17.9	26.9



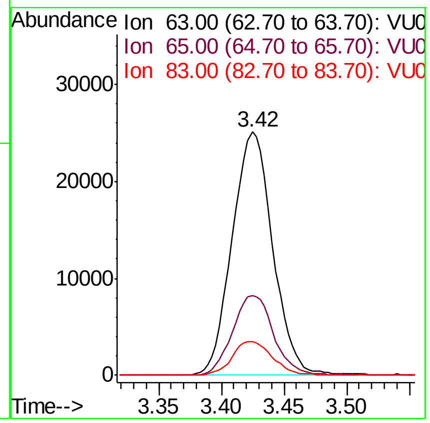
Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

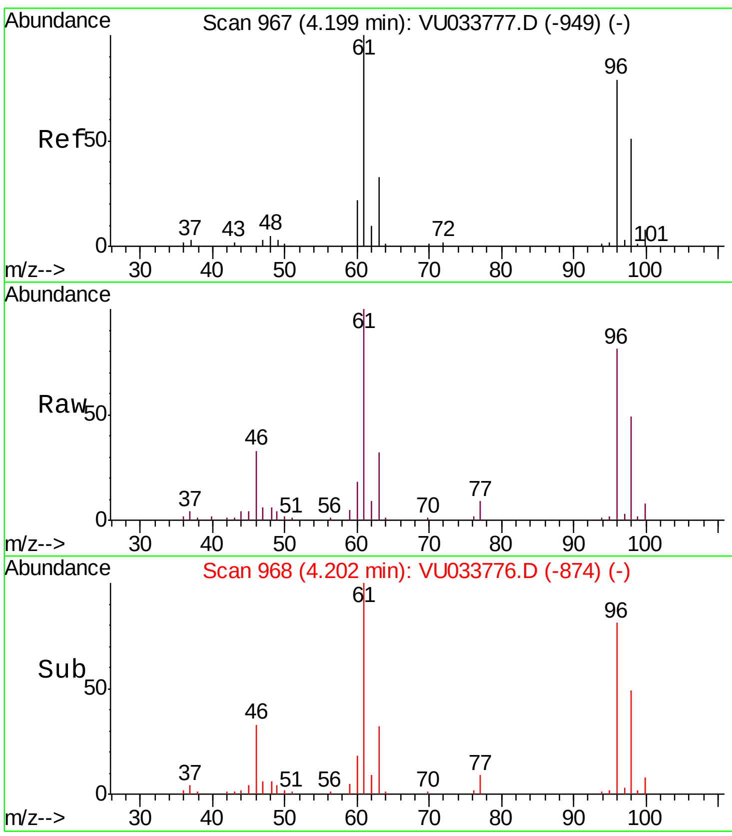


#19
1,1-Dichloroethane
Concen: 10.631 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 63 Resp: 56531

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.8	42.4
83	13.9	9.5	17.7

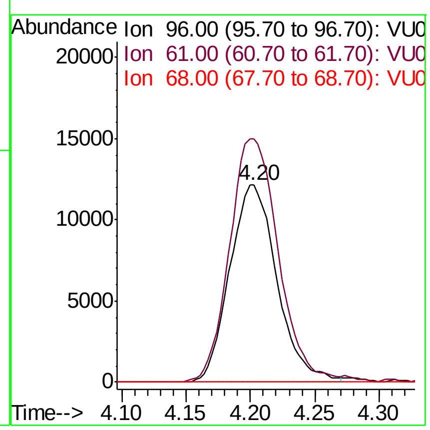




#20
cis-1,2-Dichloroethene
Concen: 9.960 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

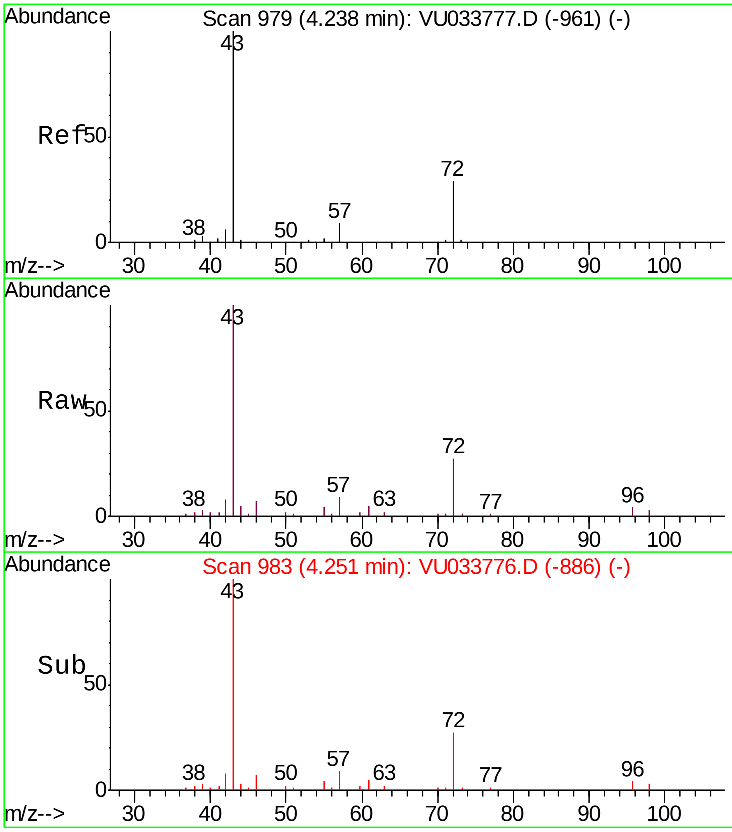
Tgt Ion: 96 Resp: 30990

Ion	Ratio	Lower	Upper
96	100		
61	123.3	88.3	163.9
68	0.0	0.0	0.0



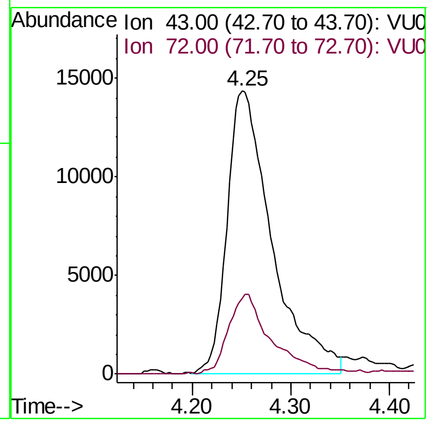
#22
2-Butanone
Concen: 19.454 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.01 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

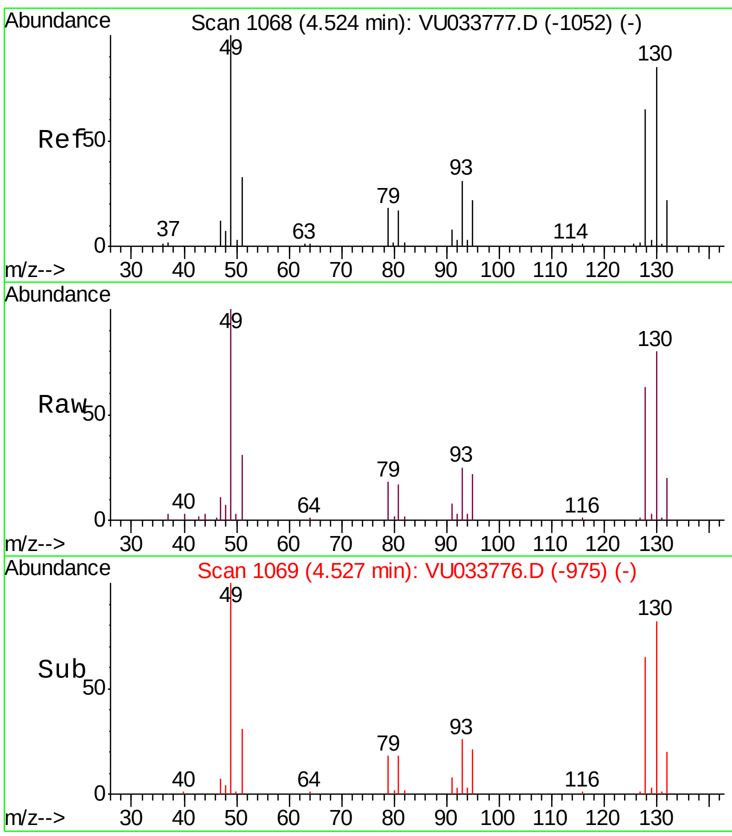


Tgt Ion: 43 Resp: 45911

Ion	Ratio	Lower	Upper
43	100		
72	26.1	14.5	43.5

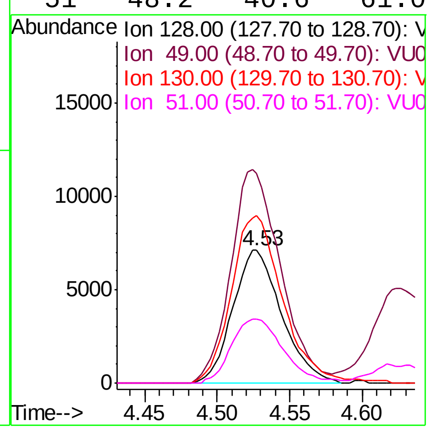


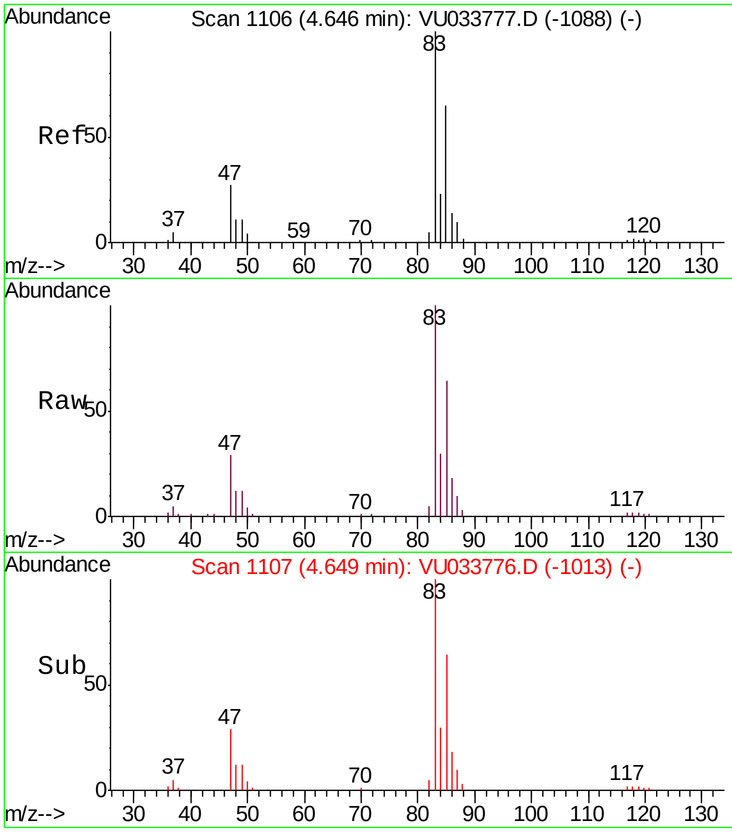
#23
Bromochloromethane
Concen: 10.020 ug/L
RT: 4.53 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44



Tgt Ion:128 Resp: 16601

Ion	Ratio	Lower	Upper
128	100		
49	157.7	108.1	200.7
130	126.3	91.8	170.6
51	48.2	40.6	61.0



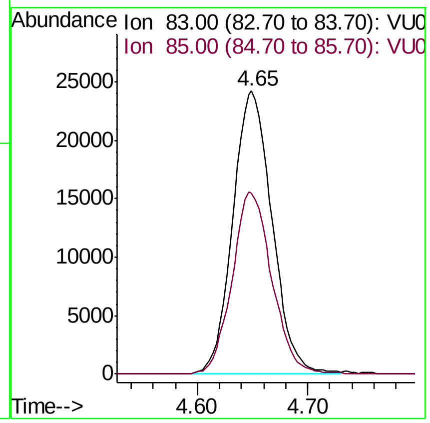


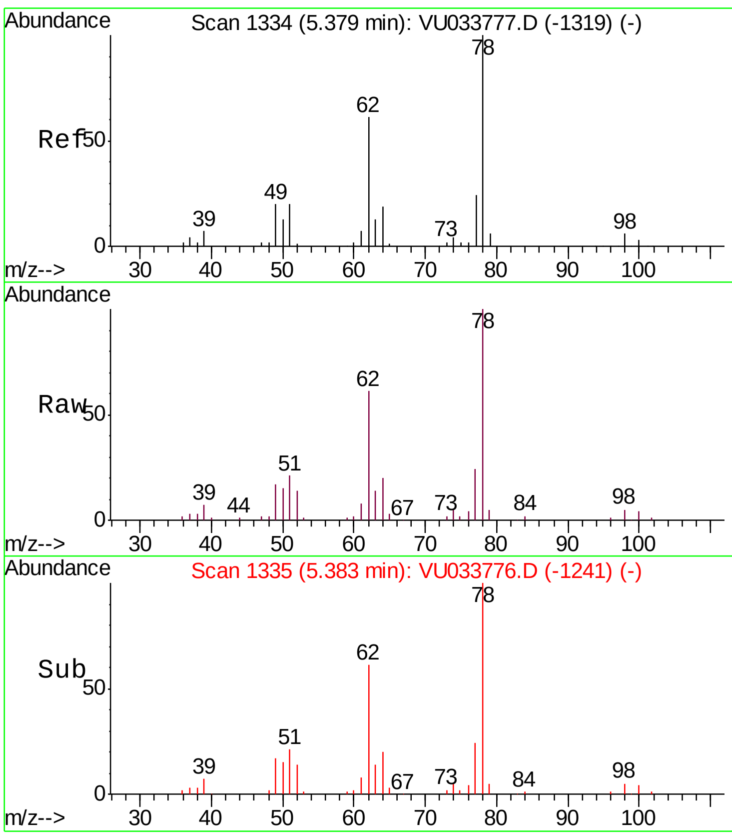
#25
Chloroform
Concen: 10.649 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 83 Resp: 59790

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.6	84.6

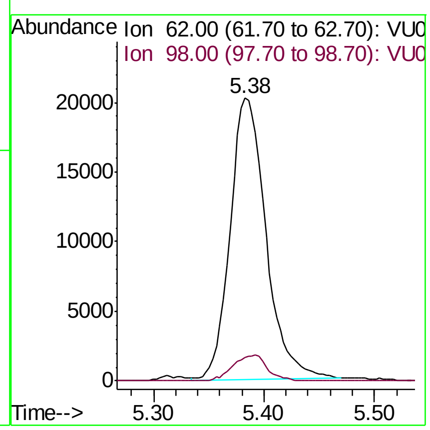


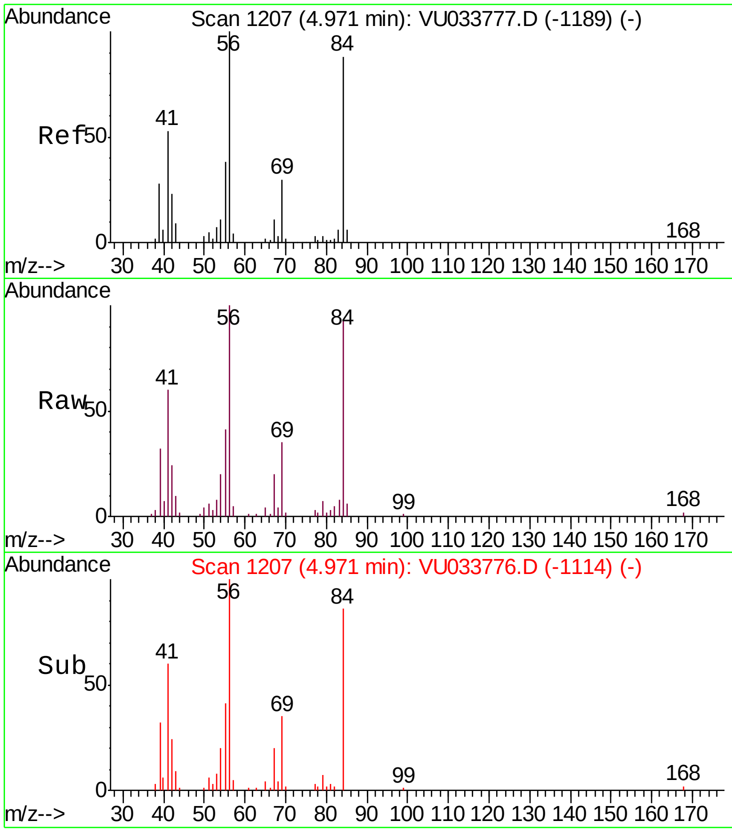


#27
1,2-Dichloroethane
Concen: 10.447 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 62 Resp: 45721

Ion	Ratio	Lower	Upper
62	100		
98	8.1	7.4	11.0



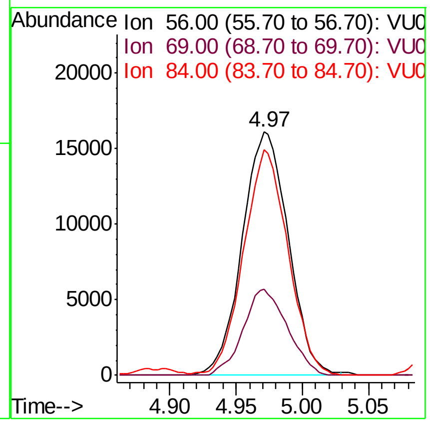


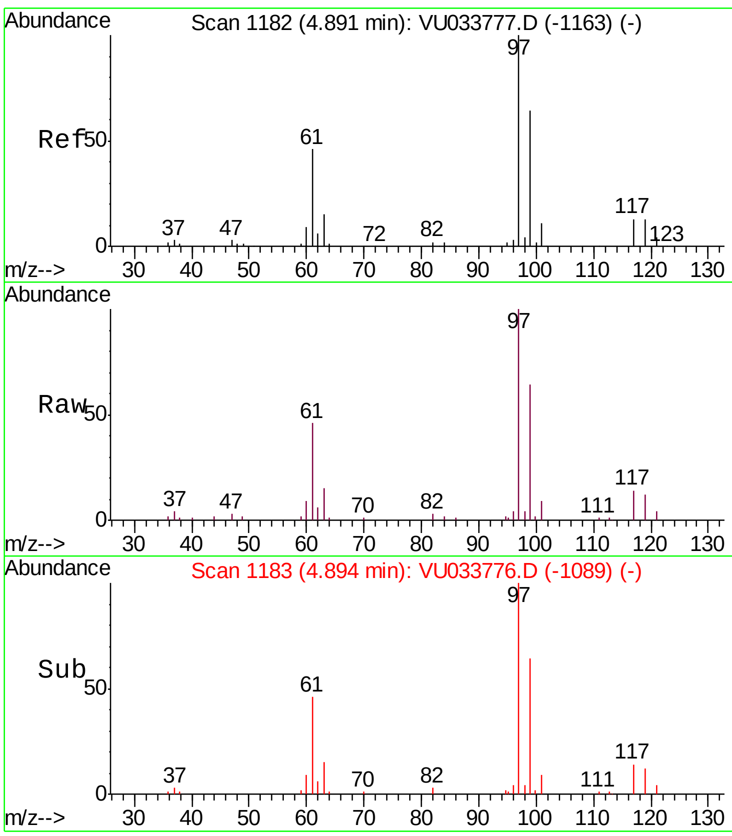
#29
Cyclohexane
Concen: 9.253 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 56 Resp: 39100

Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.0	37.4
84	89.4	70.3	105.5

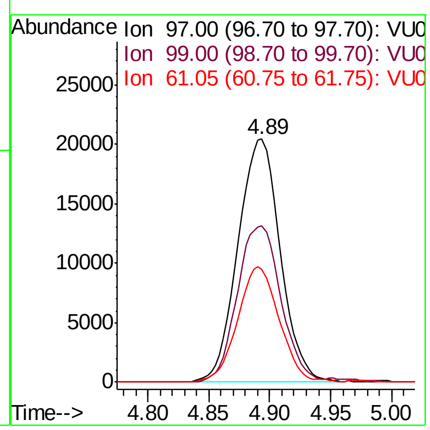


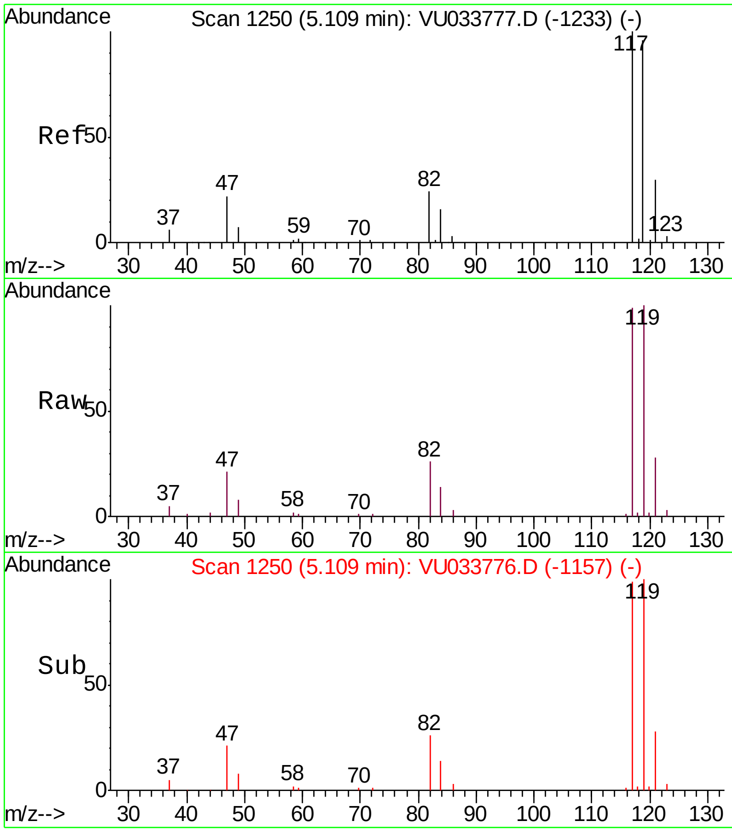


#30
1,1,1-Trichloroethane
Concen: 10.738 ug/L
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 97 Resp: 49287

Ion	Ratio	Lower	Upper
97	100		
99	66.3	50.9	76.3
61	46.6	36.6	54.8



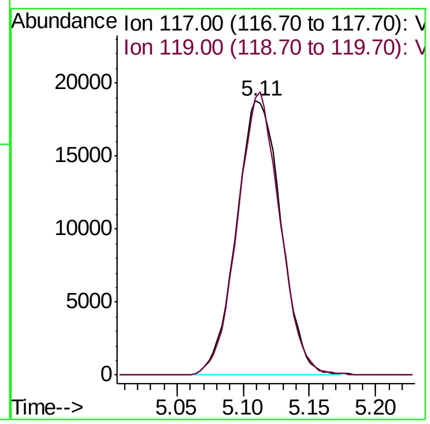


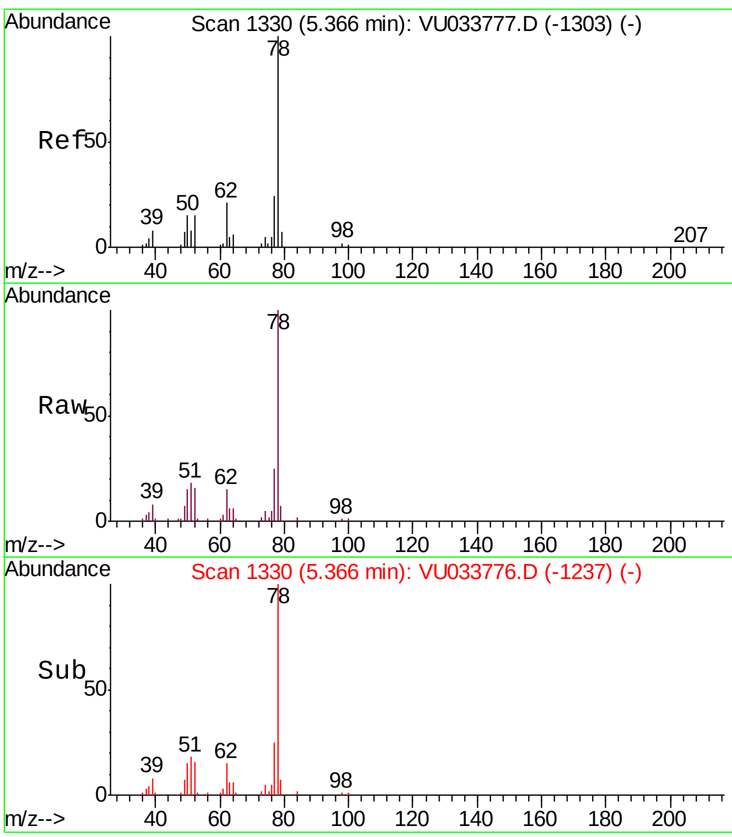
#31
Carbon tetrachloride
Concen: 10.776 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:117 Resp: 43997

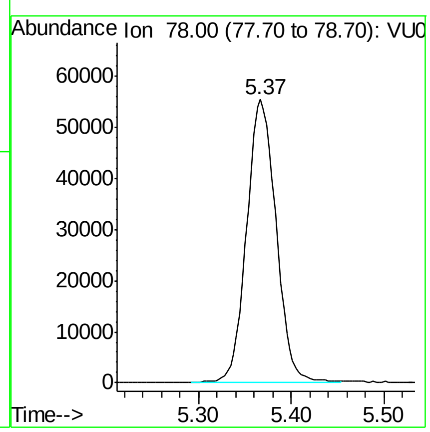
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.5	116.3

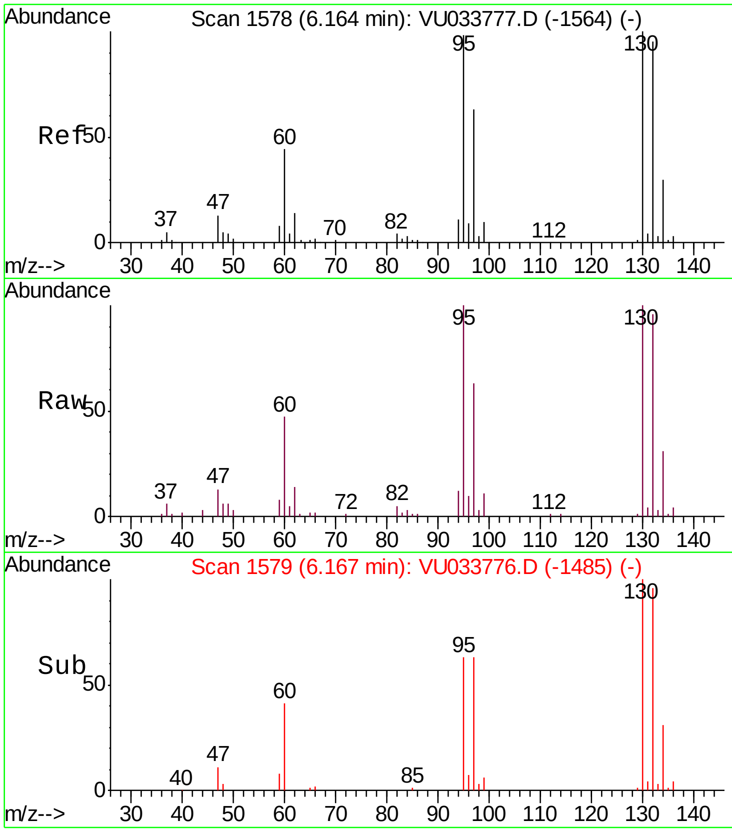




#33
Benzene
Concen: 10.673 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 78 Resp: 123327



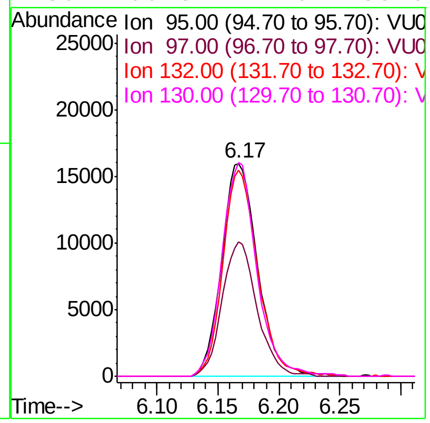


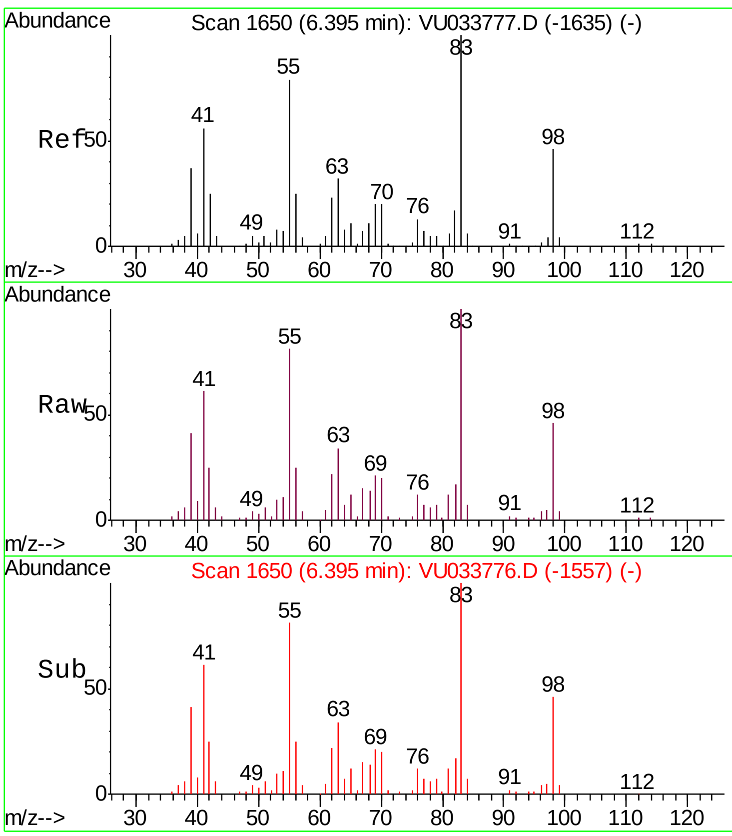
#34
Trichloroethene
Concen: 10.955 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 95 Resp: 32990

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.1	83.7
132	96.6	67.9	126.1
130	100.3	71.6	133.0

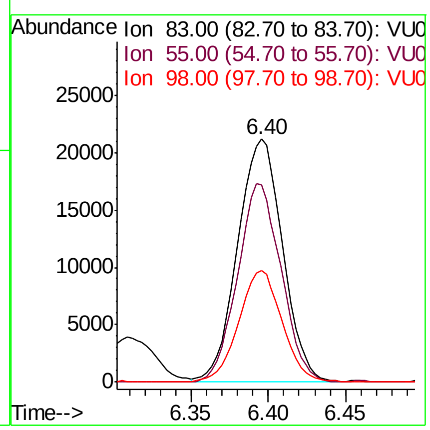


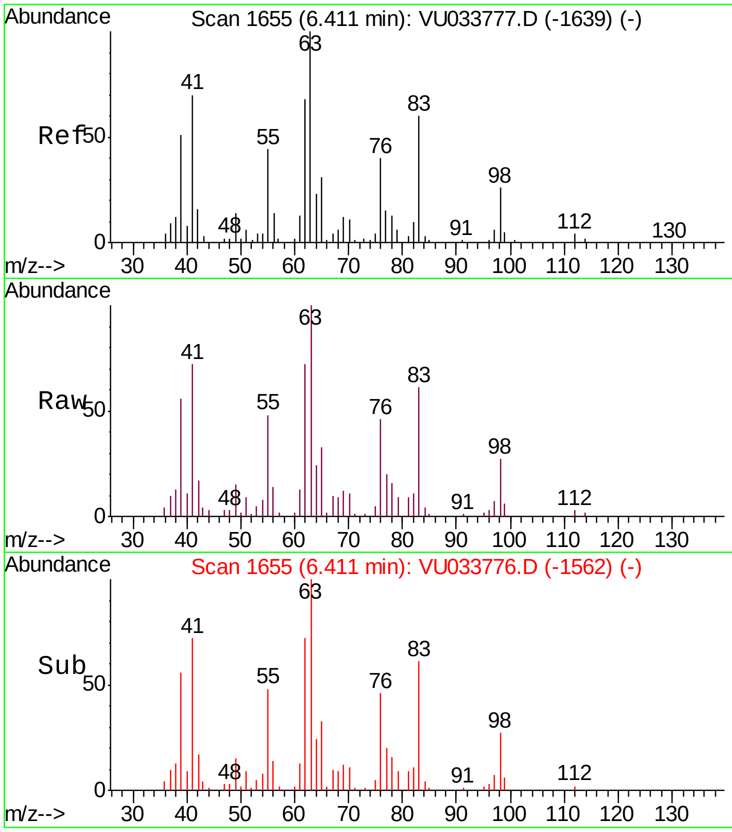


#35
Methylcyclohexane
Concen: 9.357 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 83 Resp: 43000

Ion	Ratio	Lower	Upper
83	100		
55	78.9	62.2	93.4
98	44.2	35.8	53.8



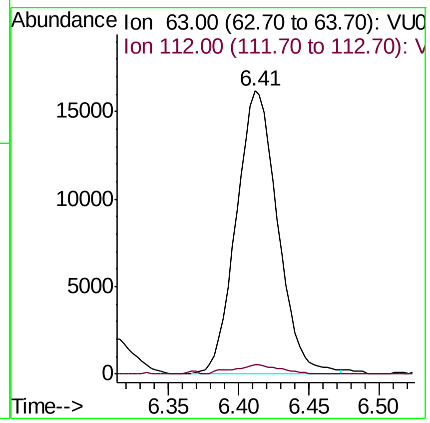


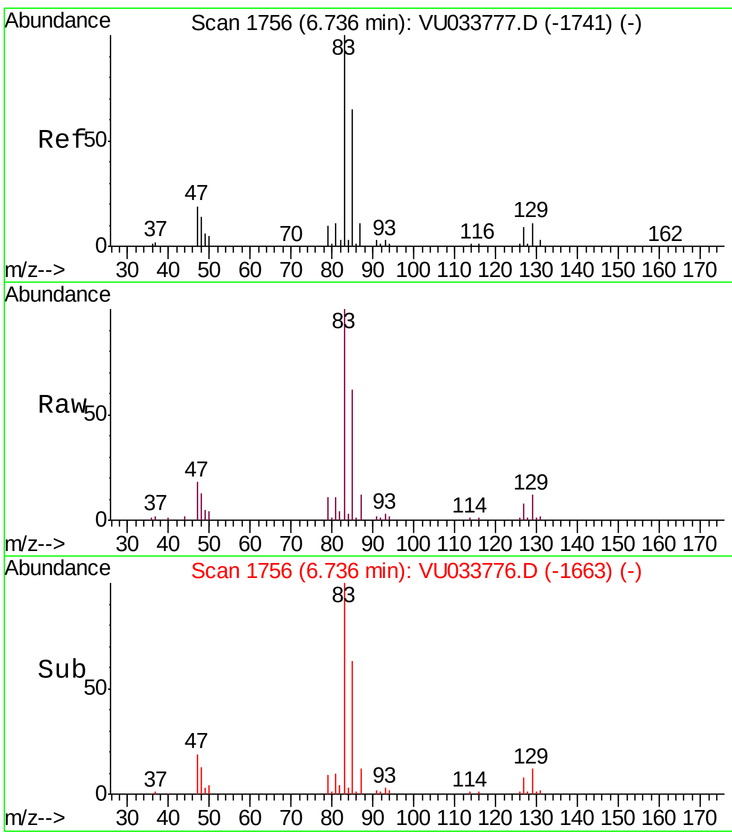
#37
1,2-Dichloropropane
Concen: 10.717 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 63 Resp: 33376

Ion	Ratio	Lower	Upper
63	100		
112	3.3	3.0	4.6

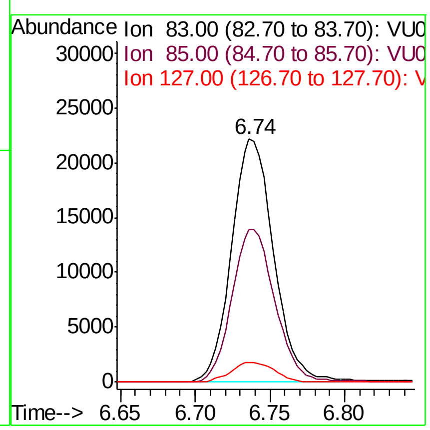


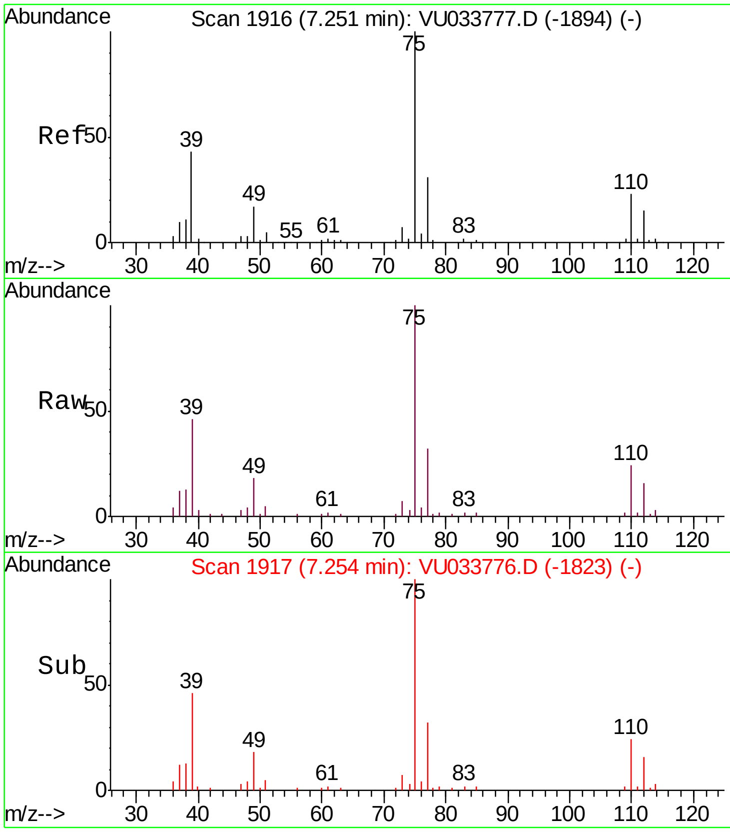


#38
Bromodichloromethane
Concen: 10.676 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 83 Resp: 43615

Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.8	85.0
127	8.2	7.4	11.0



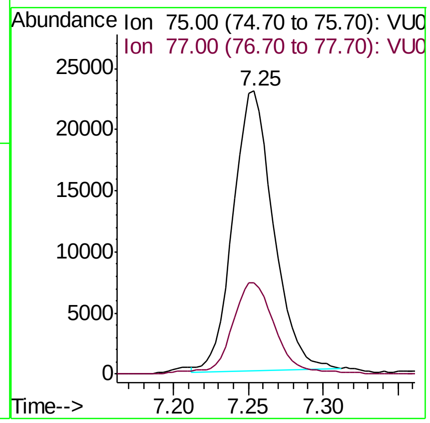


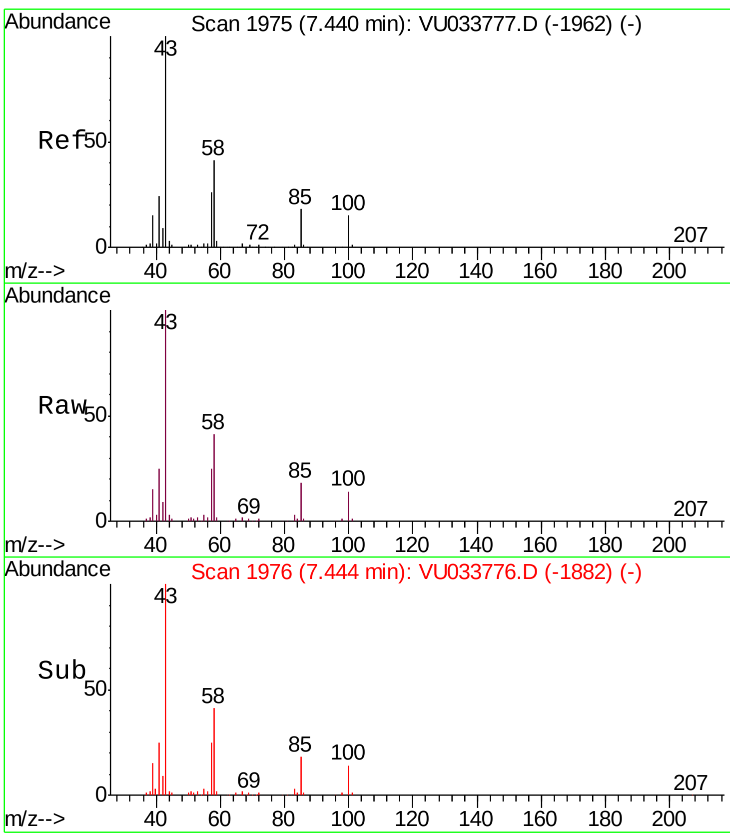
#39
cis-1,3-Dichloropropene
Concen: 9.340 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 75 Resp: 43197

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.0	40.8

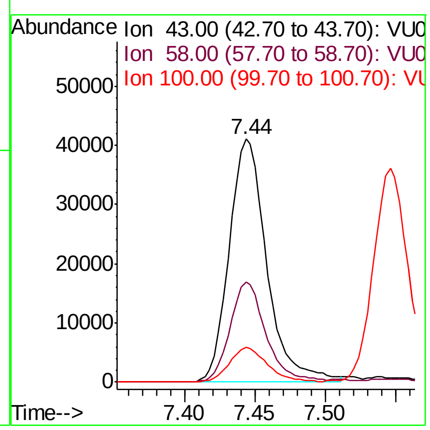


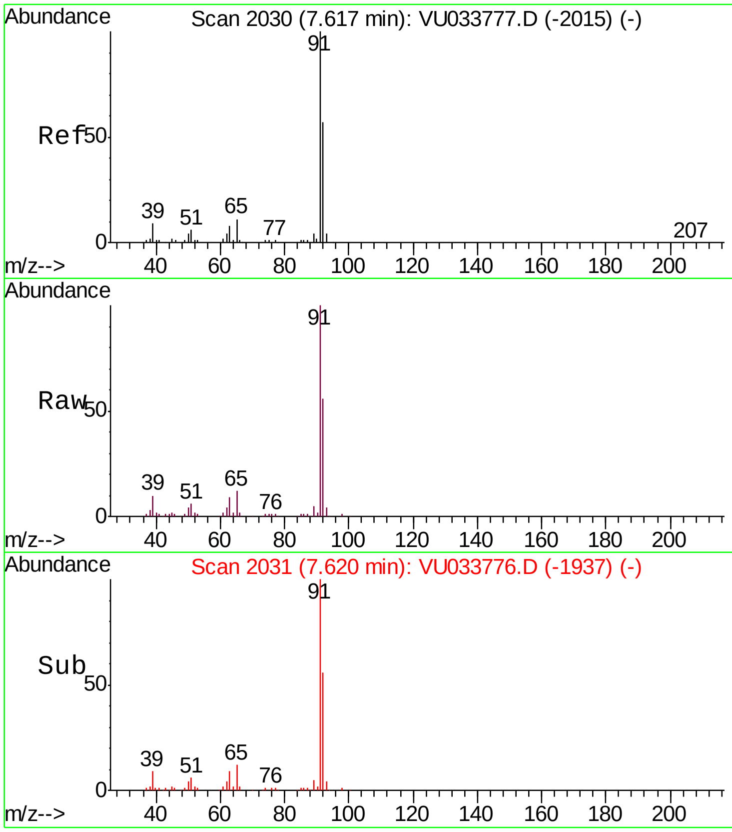


#40
4-Methyl-2-pentanone
Concen: 18.925 ug/L
RT: 7.44 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 43 Resp: 76834

Ion	Ratio	Lower	Upper
43	100		
58	39.3	32.5	48.7
100	14.4	12.2	18.2



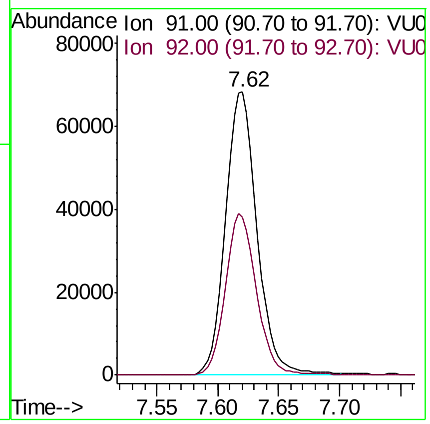


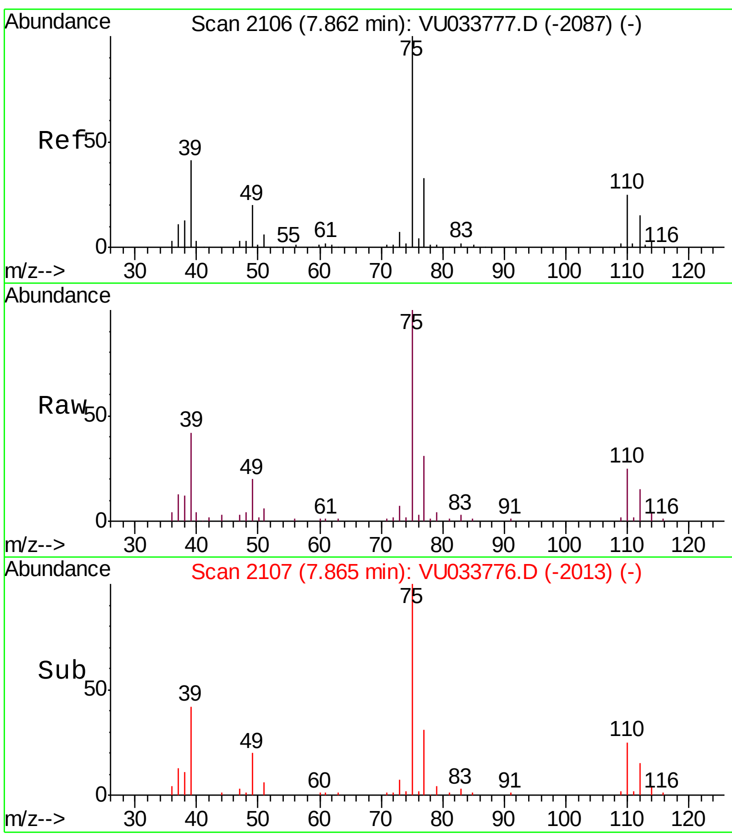
#42
Toluene
Concen: 10.019 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 91 Resp: 124033

Ion	Ratio	Lower	Upper
91	100		
92	55.9	40.0	74.2

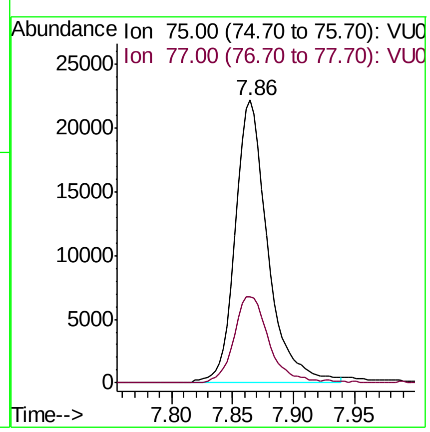


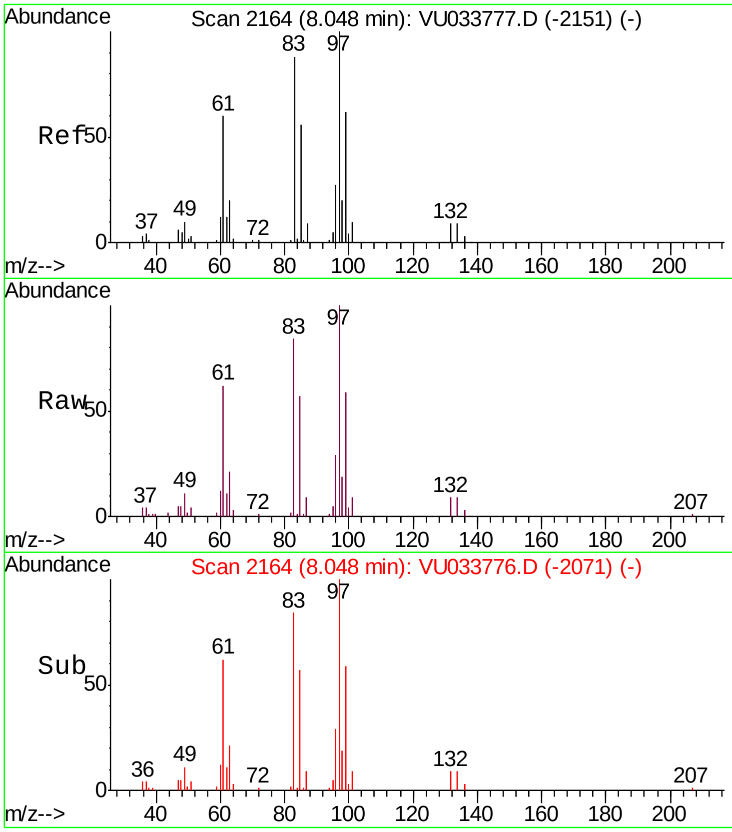


#44
trans-1,3-Dichloropropene
Concen: 9.856 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 75 Resp: 41430

Ion	Ratio	Lower	Upper
75	100		
77	30.7	22.7	42.3



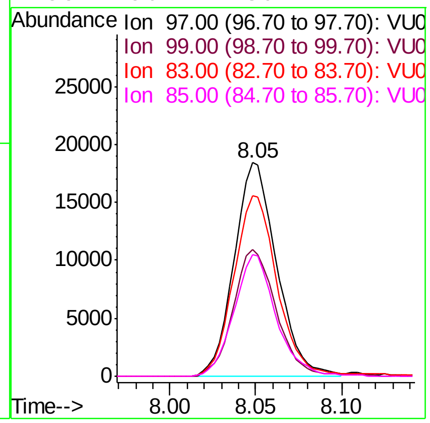


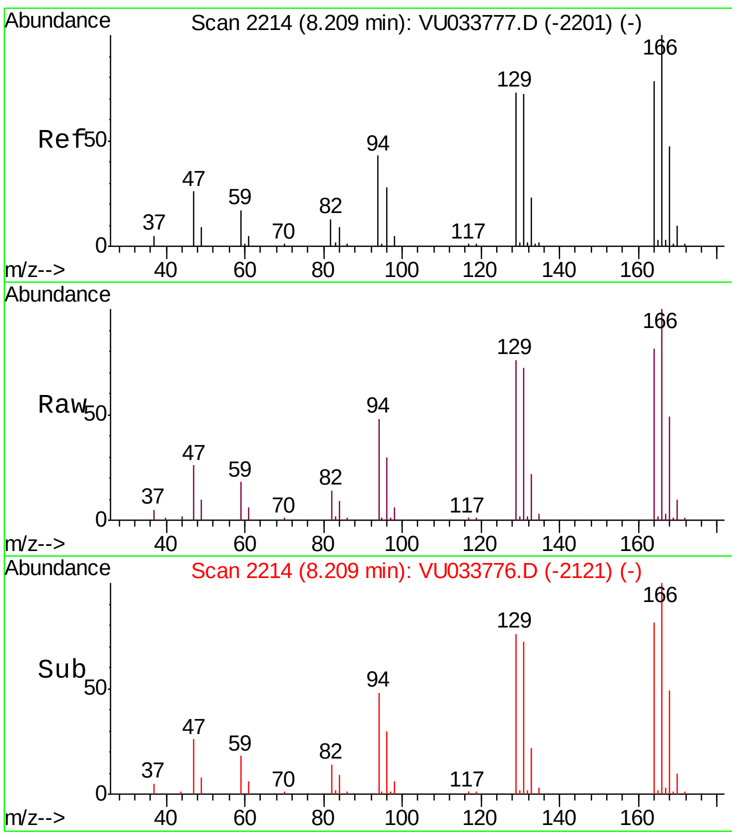
#45
1,1,2-Trichloroethane
Concen: 10.705 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 97 Resp: 31657

Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.5	80.9
83	84.4	61.8	114.8
85	56.7	39.1	72.7

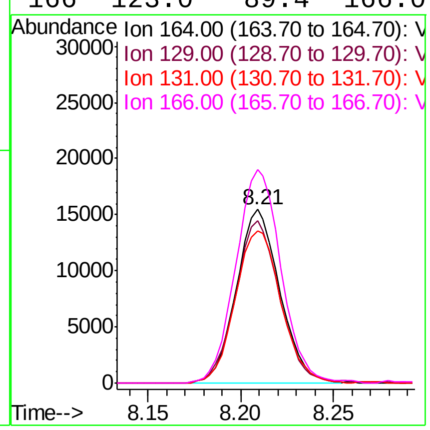


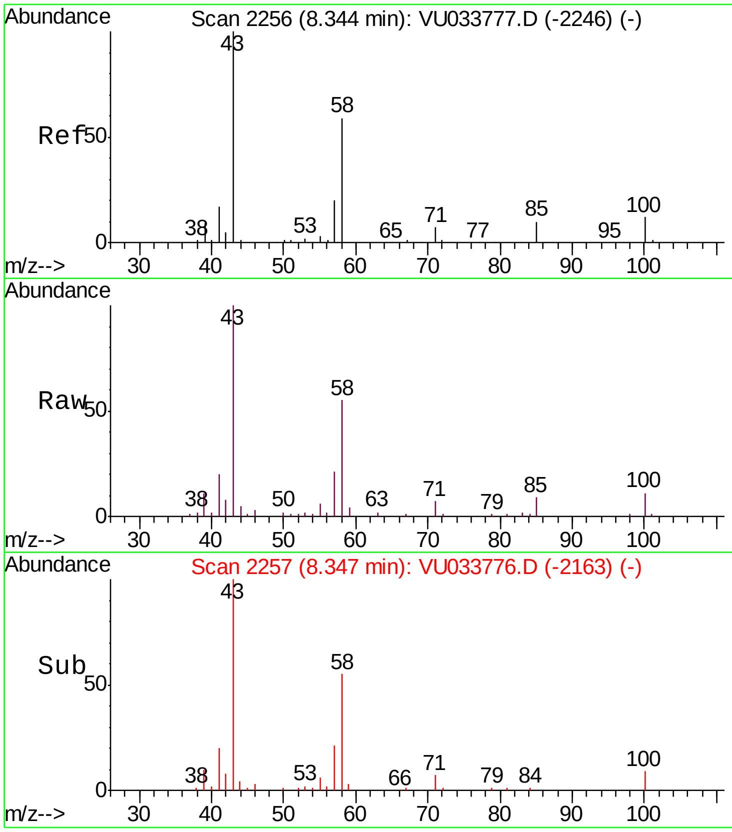


#46
Tetrachloroethene
Concen: 10.248 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:164 Resp: 25179

Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.5	121.6
131	88.0	64.0	119.0
166	123.0	89.4	166.0



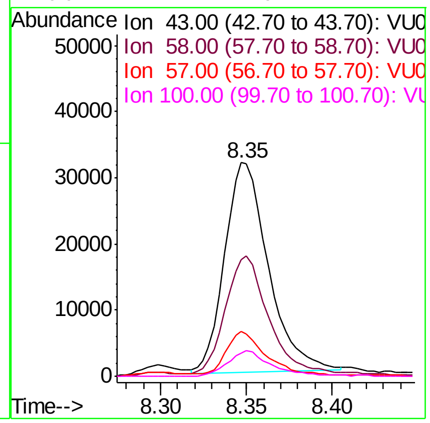


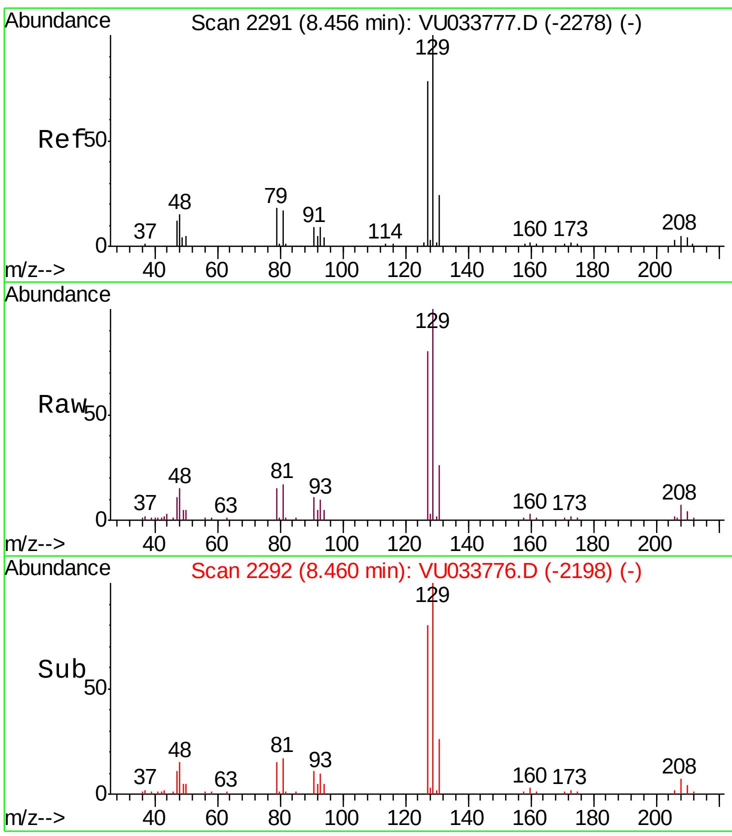
#48
2-Hexanone
Concen: 17.179 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 43 Resp: 56440

Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.4	68.0
57	19.1	15.4	23.0
100	12.1	9.4	14.2

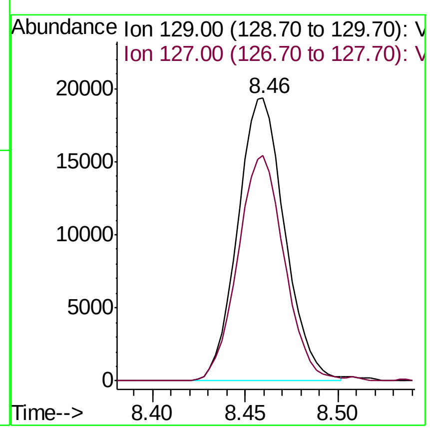


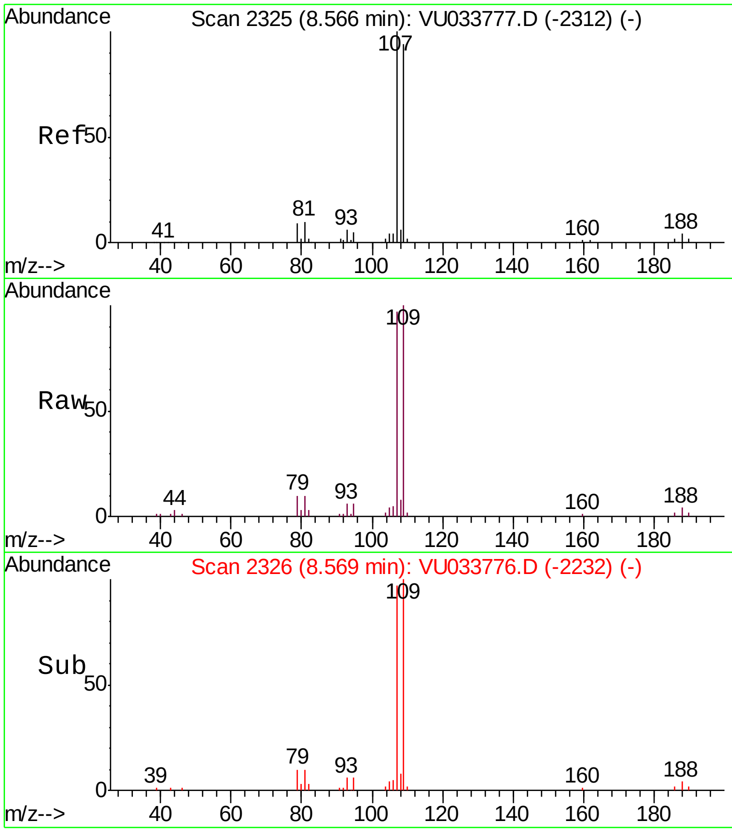


#49
Dibromochloromethane
Concen: 10.360 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:129 Resp: 34281

Ion	Ratio	Lower	Upper
129	100		
127	79.6	54.4	101.0



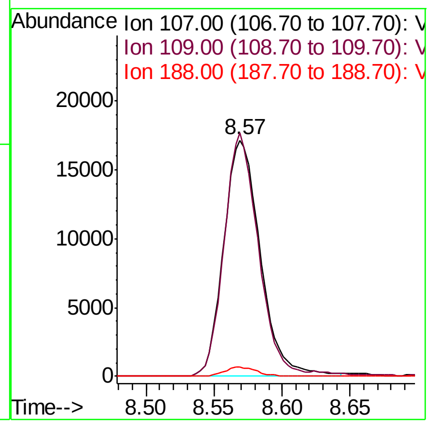


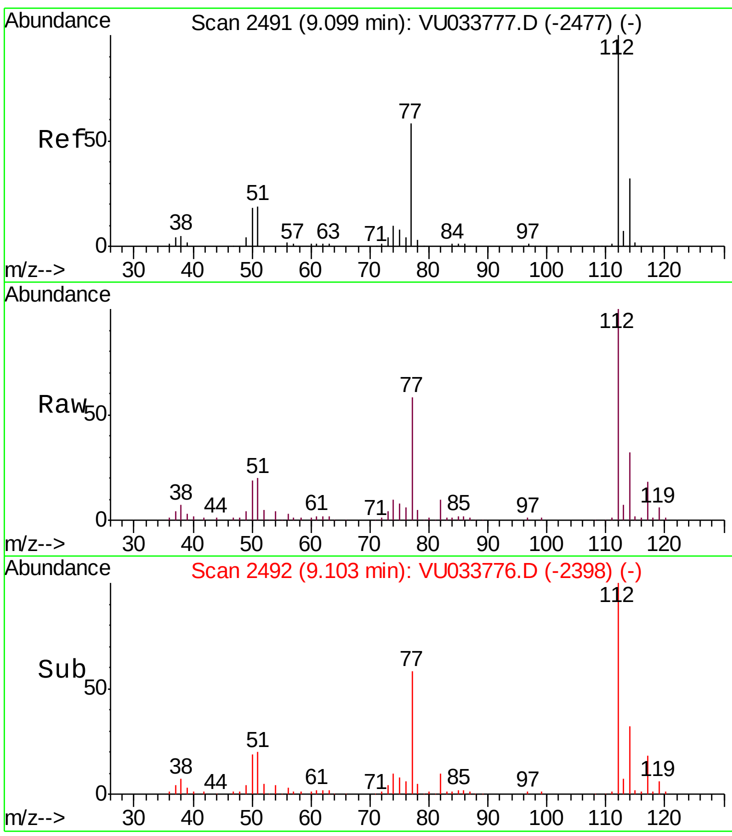
#50
1,2-Dibromoethane
Concen: 10.031 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion:107 Resp: 32104

Ion	Ratio	Lower	Upper
107	100		
109	103.0	66.0	122.6
188	3.9	3.0	4.6

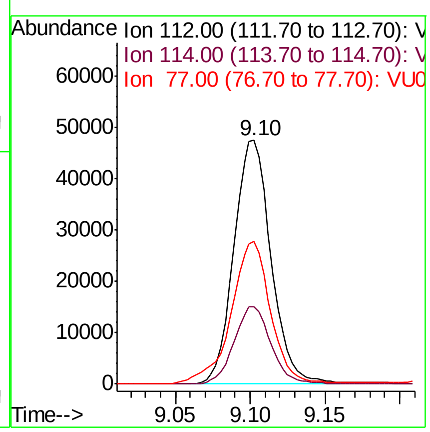


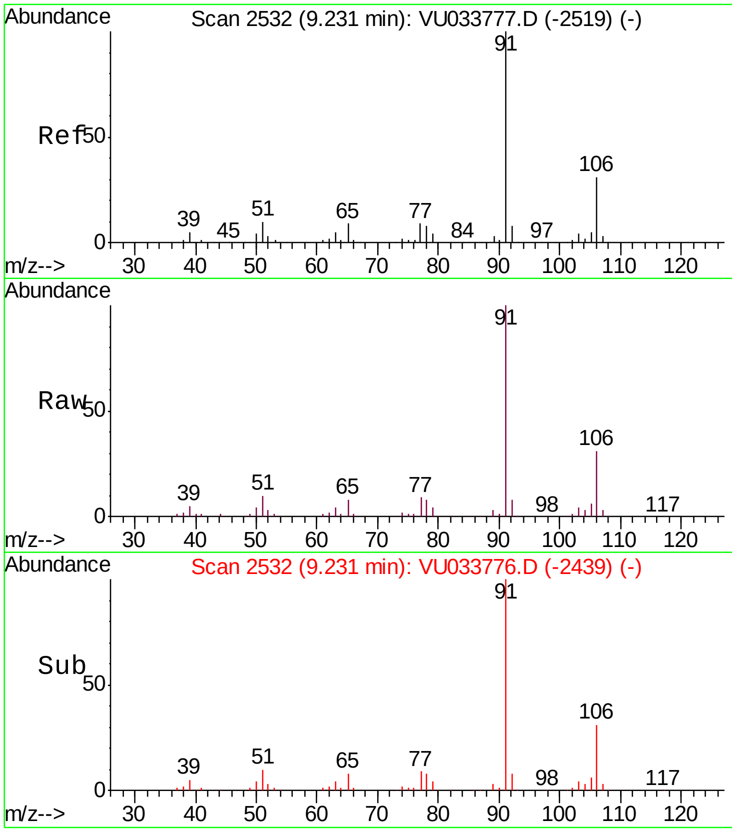


#51
Chlorobenzene
Concen: 10.075 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:112 Resp: 82535

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.4	41.6
77	58.4	46.2	69.4



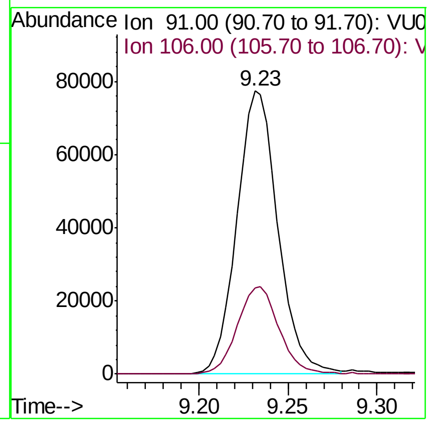


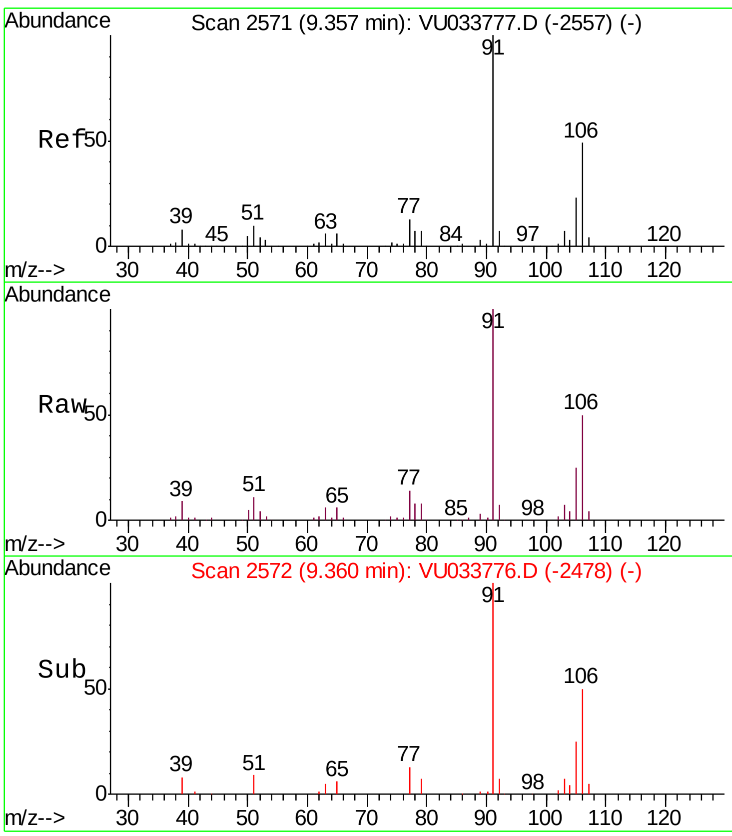
#52
Ethylbenzene
Concen: 9.297 ug/L
RT: 9.23 min   Scan# 2532
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 91 Resp: 124454

Ion	Ratio	Lower	Upper
91	100		
106	30.7	22.0	41.0

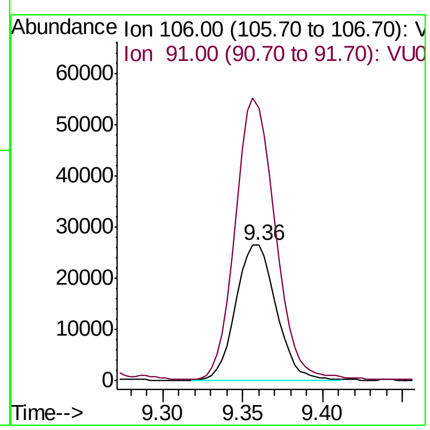


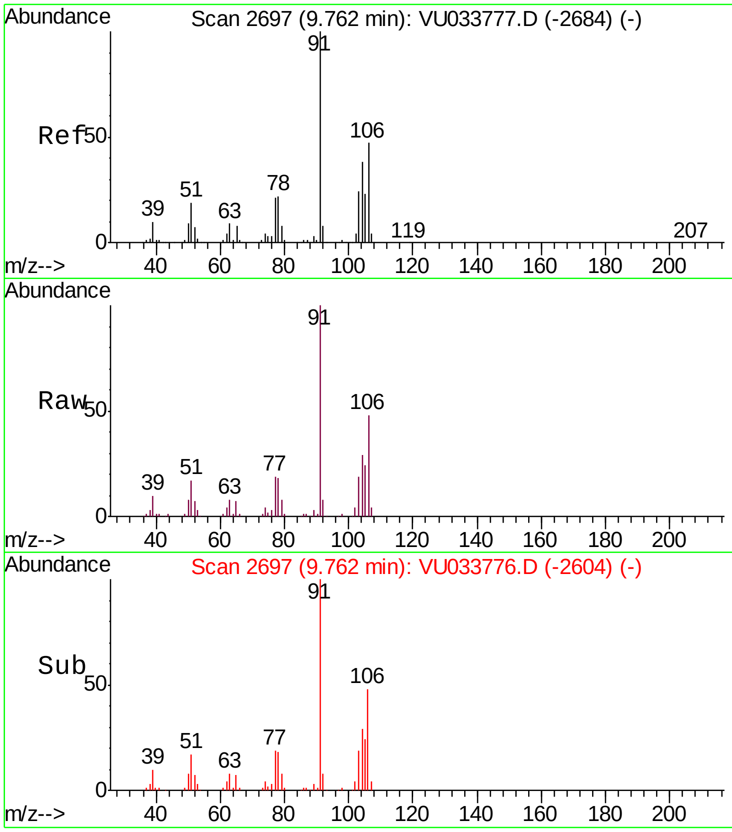


#53
m,p-Xylene
Concen: 9.162 ug/L
RT: 9.36 min   Scan# 2572
Delta R.T.   0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:106 Resp: 46155

Ion	Ratio	Lower	Upper
106	100		
91	201.2	142.1	263.9

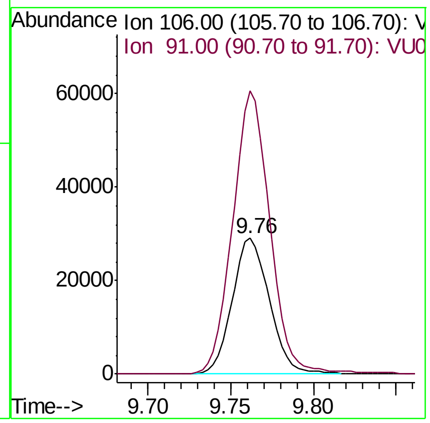


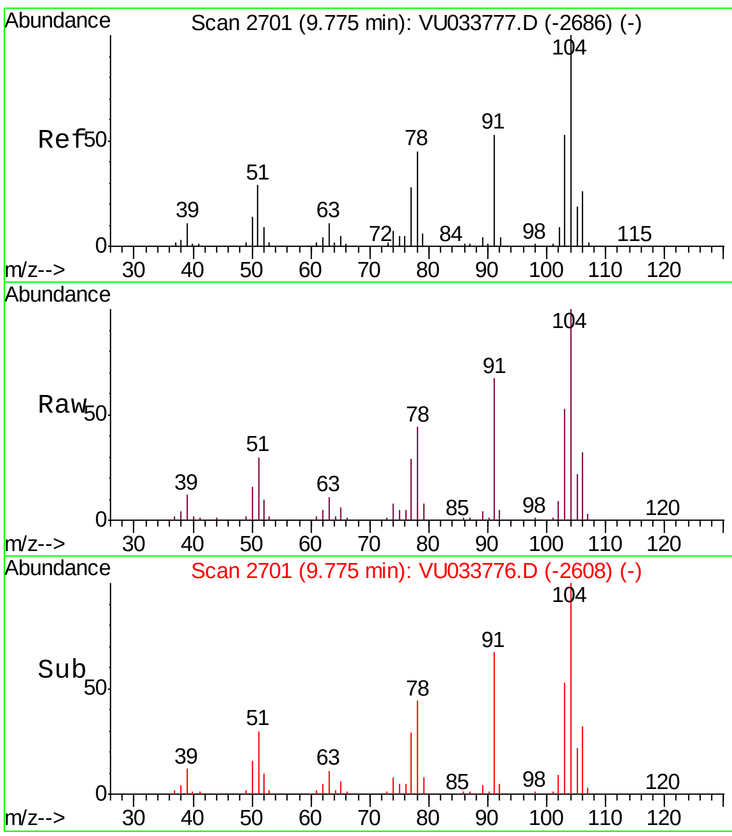



```
#54
o-xylene
Concen:    9.246 ug/L
RT: 9.76 min  Scan# 2697
Delta R.T.   -0.00 min
Lab File:   VU033776.D
Acq: 13 Aug 2019  09:44

Tgt Ion:106 Resp:   45651
Ion  Ratio  Lower  Upper
106  100
 91  208.6  150.4  279.4
```

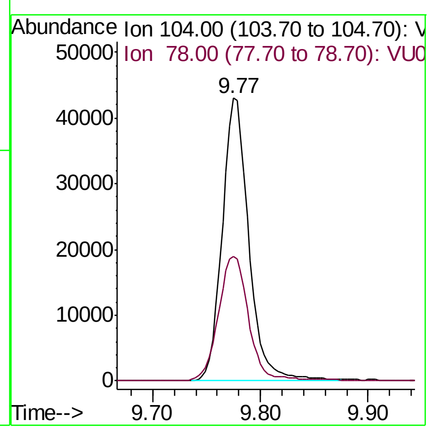
Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

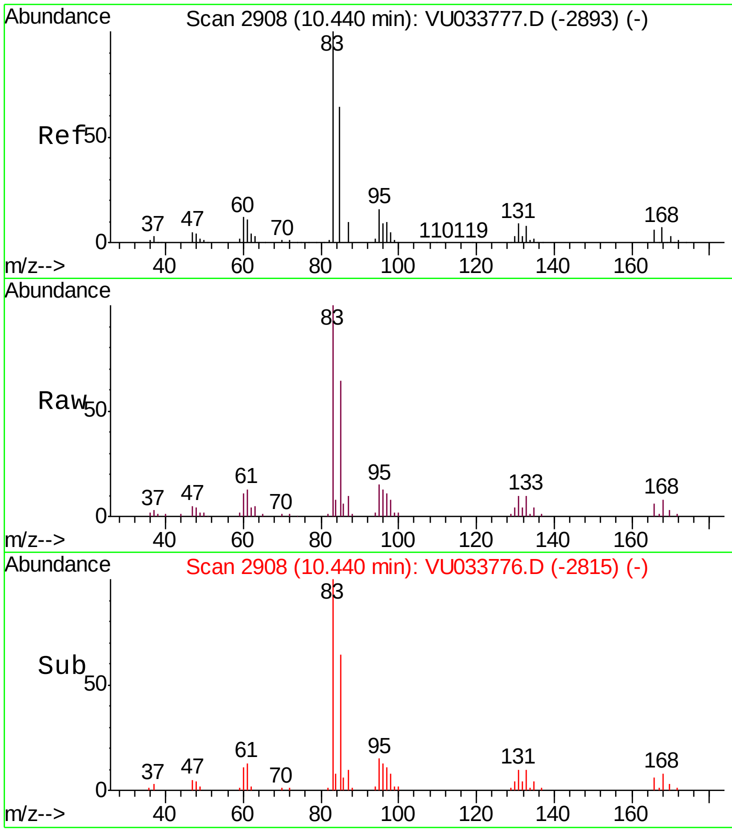





```
#55
Styrene
Concen:    8.818 ug/L
RT: 9.77 min  Scan# 2701
Delta R.T.   -0.00 min
Lab File:   VU033776.D
Acq: 13 Aug 2019  09:44

Tgt Ion:104 Resp:   73967
Ion  Ratio  Lower  Upper
104  100
 78   44.2   31.6   58.6
```



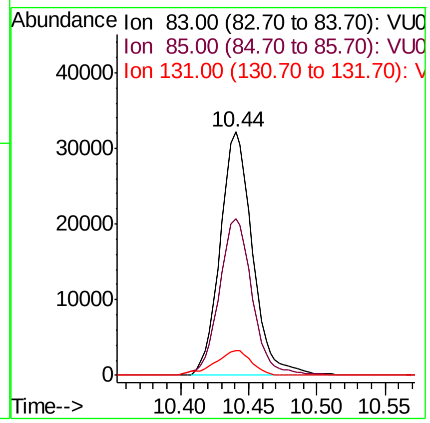


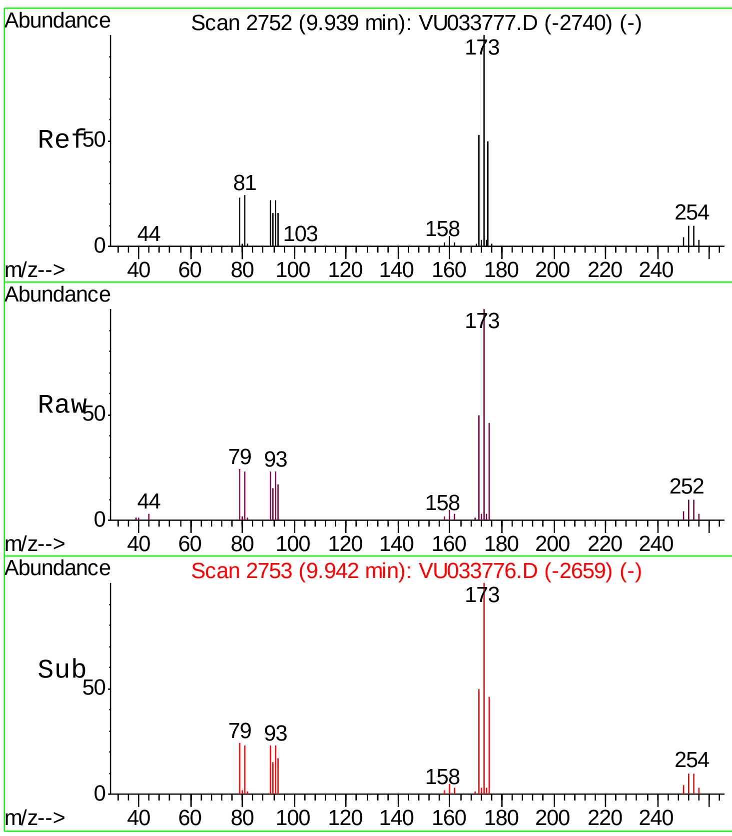
#57
1,1,2,2-Tetrachloroethane
Concen: 10.191 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion: 83 Resp: 53191

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.7	83.1
131	10.4	7.8	11.6

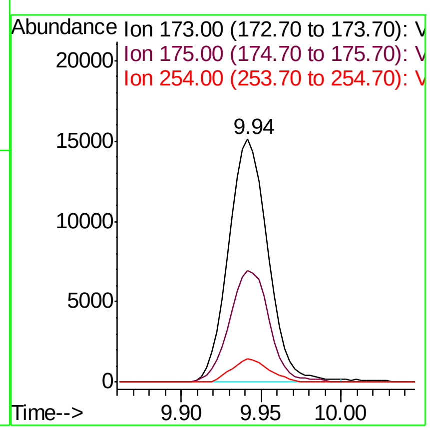


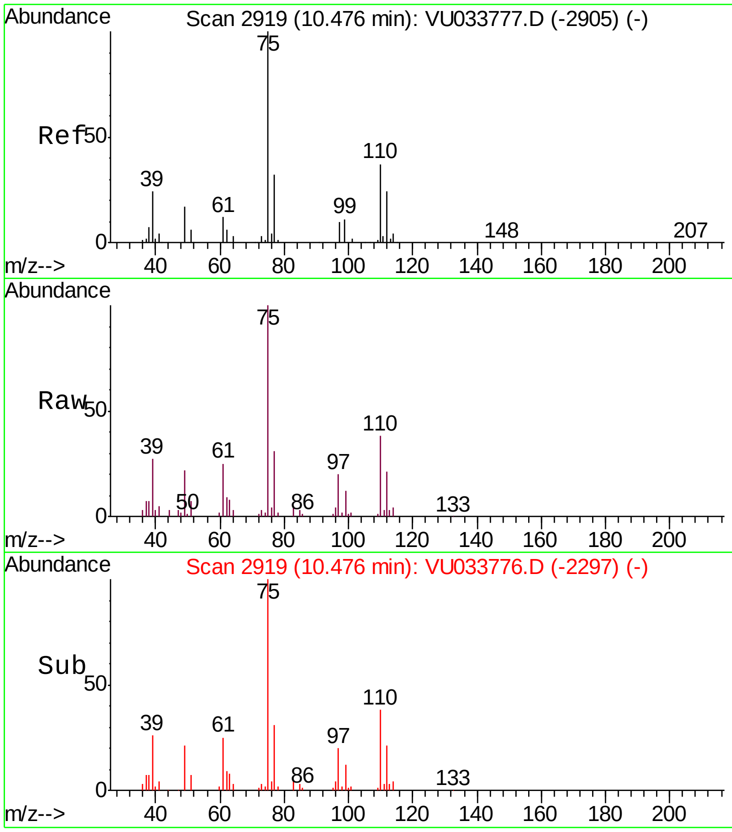


#59
Bromoform
Concen: 10.545 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:173 Resp: 25464

Ion	Ratio	Lower	Upper
173	100		
175	46.8	38.9	58.3
254	9.1	7.4	11.0



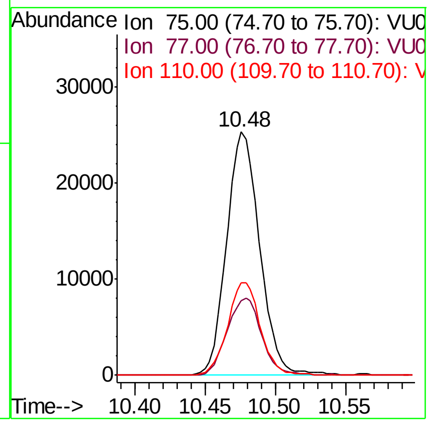


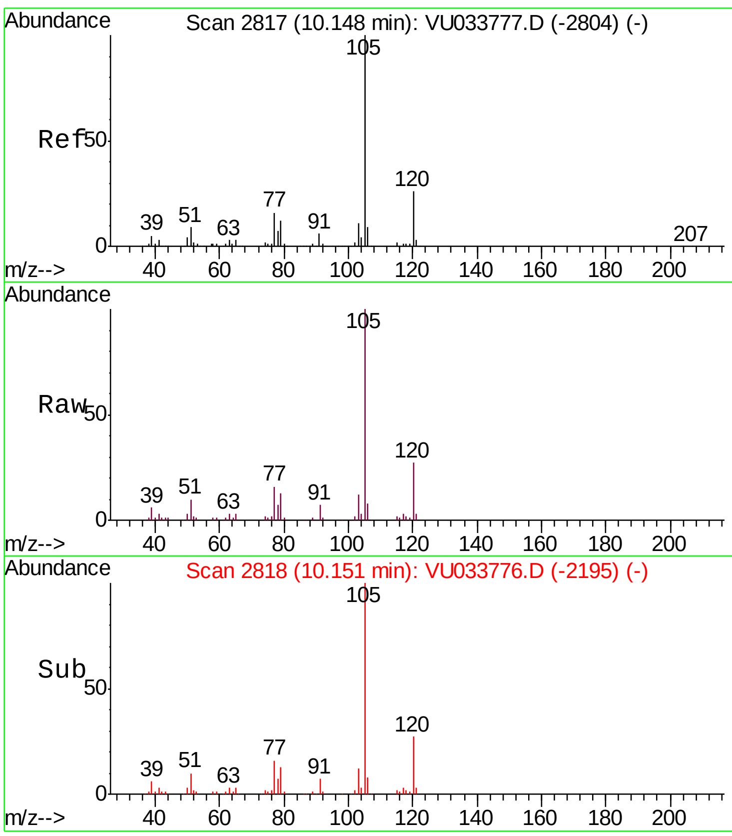
#60
1,2,3-Trichloropropane
Concen: 10.635 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument : MSVOA_U
ClientSampleId : VSTD01034

Tgt Ion: 75 Resp: 41582

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.6	38.4
110	37.6	29.7	44.5

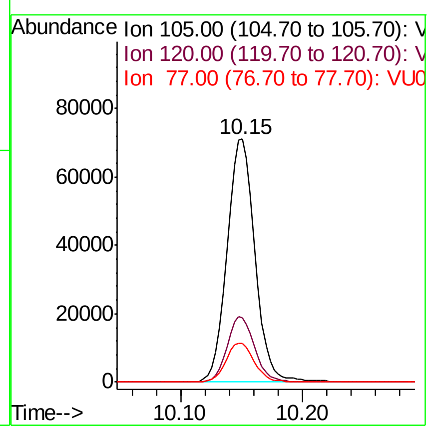


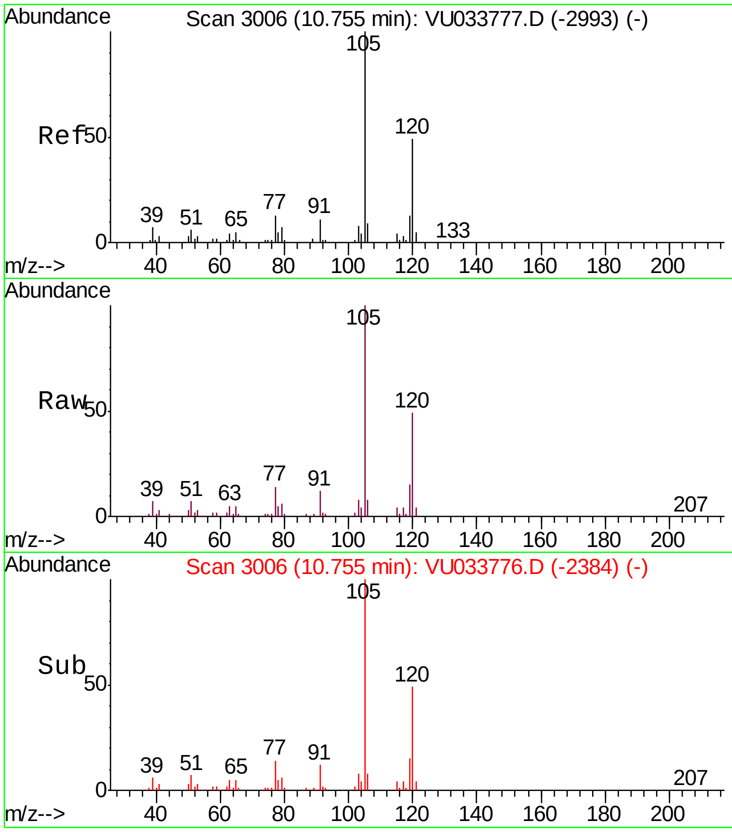


#61
Isopropylbenzene
Concen: 9.352 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:105 Resp: 114793

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.0	31.6
77	16.4	12.8	19.2



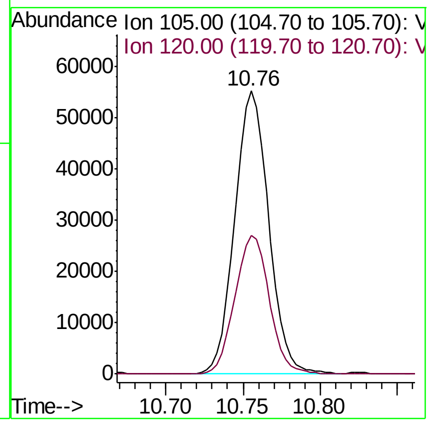


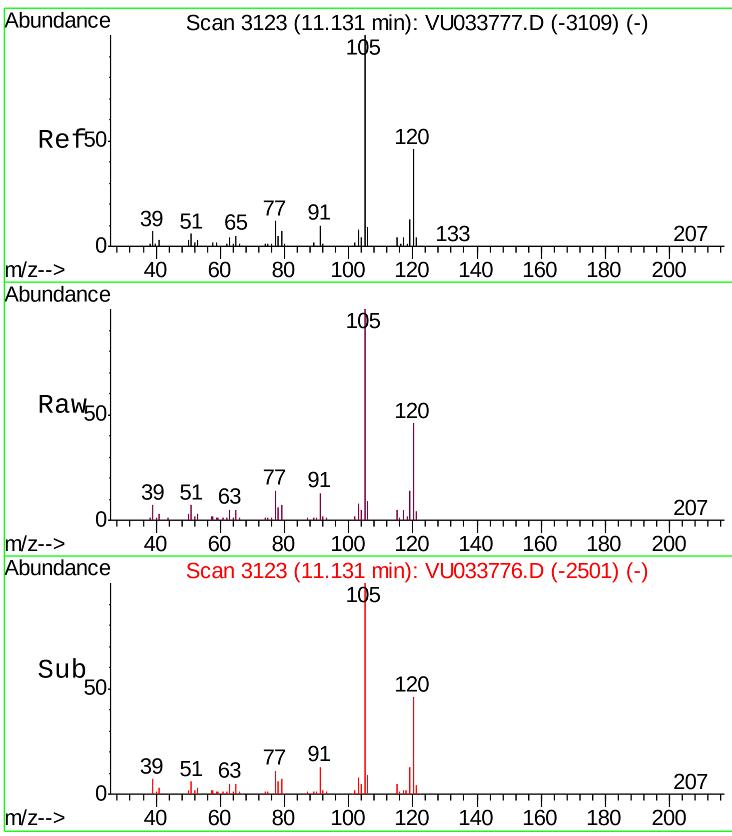
#62
1,3,5-Trimethylbenzene
Concen: 8.531 ug/L
RT: 10.76 min   Scan# 3006
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:105 Resp: 84587

Ion	Ratio	Lower	Upper
105	100		
120	49.7	39.4	59.2

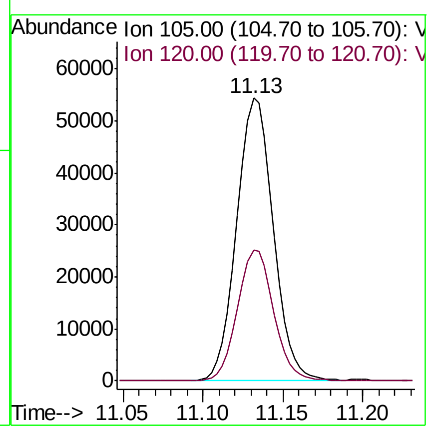


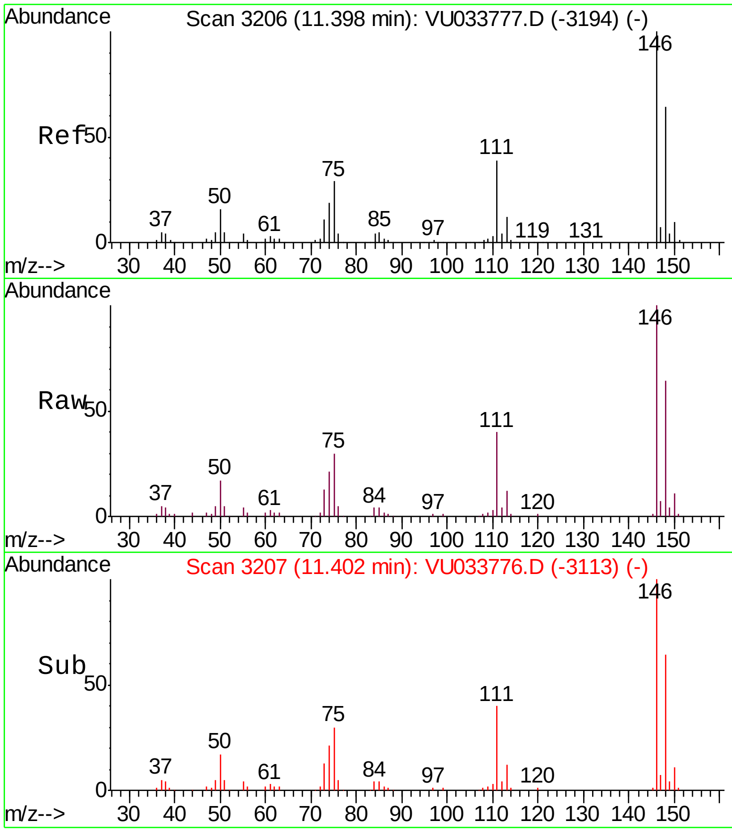


#63
1,2,4-Trimethylbenzene
Concen: 8.637 ug/L
RT: 11.13 min   Scan# 3123
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019   09:44

Tgt Ion:105 Resp: 84997

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.6	55.0



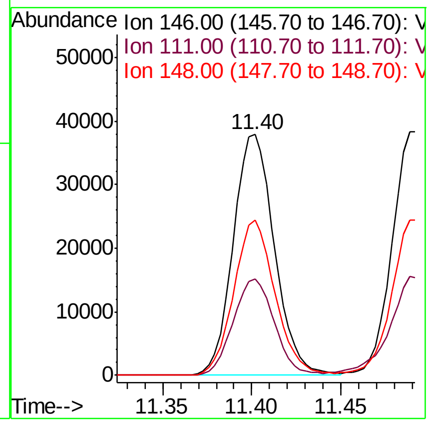


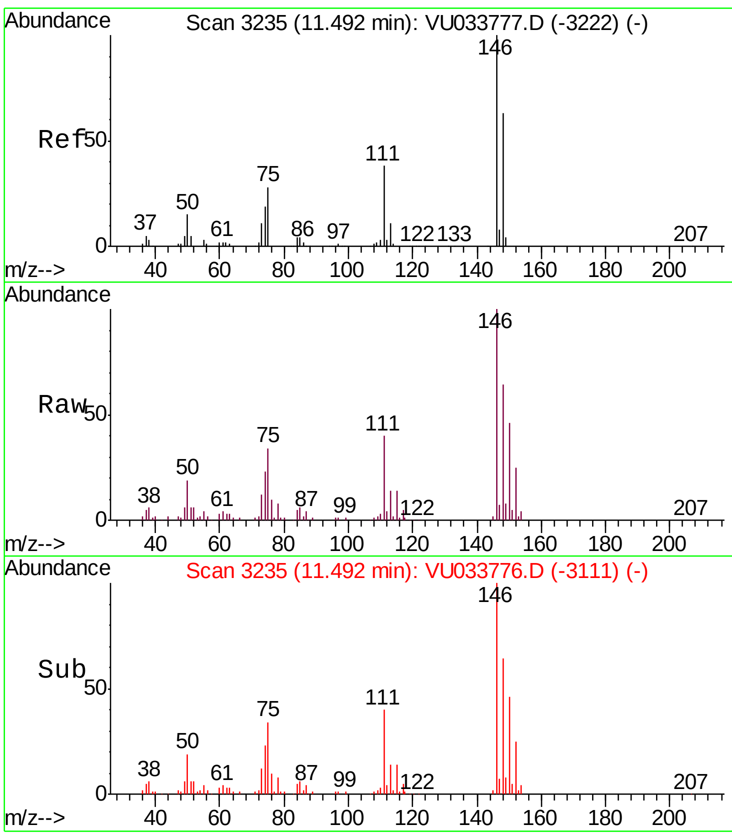
#64
1,3-Dichlorobenzene
Concen: 9.732 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:146 Resp: 60990

Ion	Ratio	Lower	Upper
146	100		
111	39.9	27.1	50.3
148	64.3	45.0	83.6

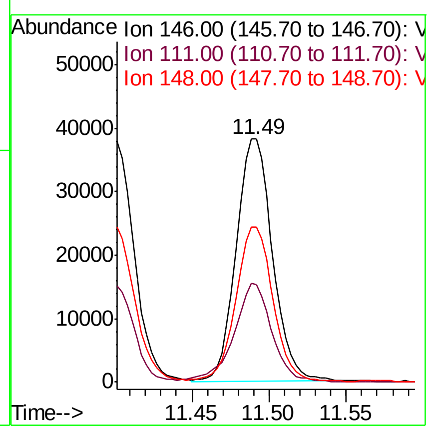


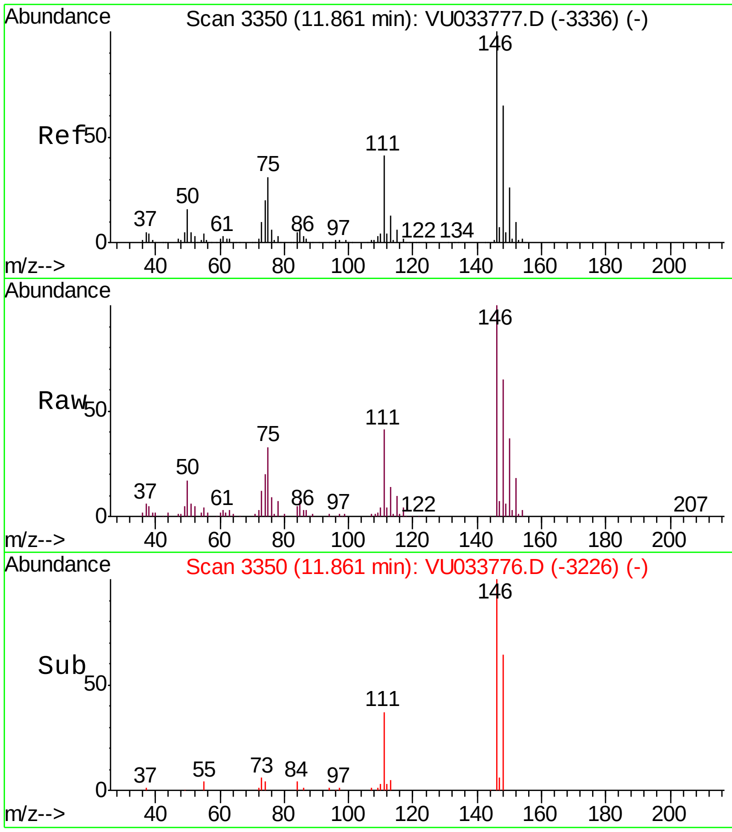


#65
1,4-Dichlorobenzene
Concen: 9.535 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:146 Resp: 61835

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.5	49.3
148	64.0	43.9	81.5



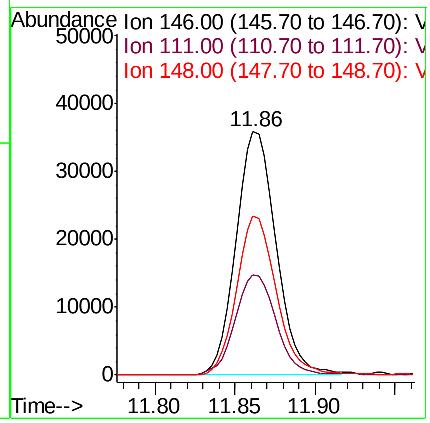


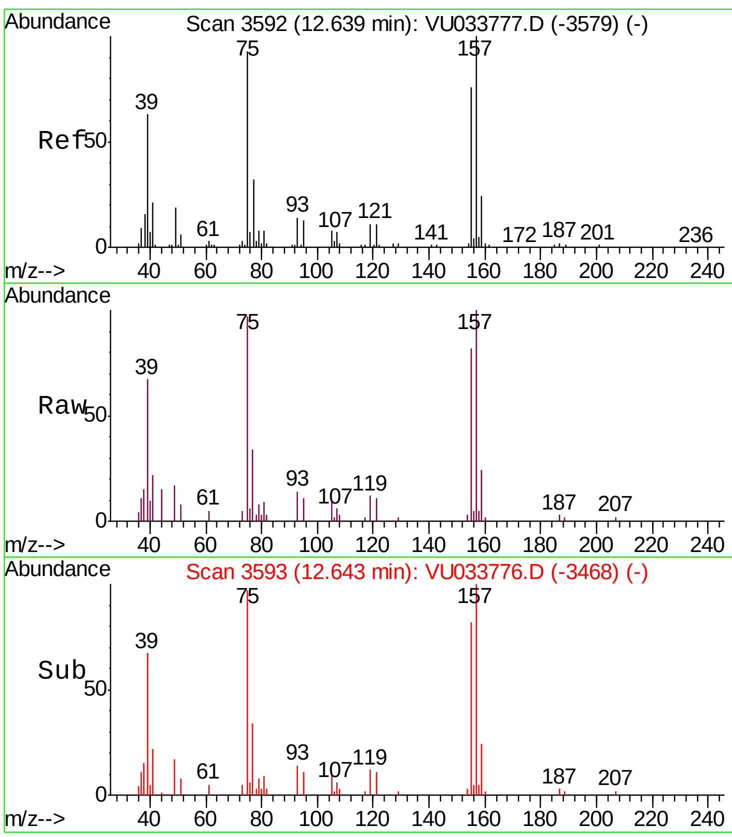
#67
1,2-Dichlorobenzene
Concen: 9.812 ug/L
RT: 11.86 min Scan# 3350
Delta R.T.   -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:146 Resp: 61438

Ion	Ratio	Lower	Upper
146	100		
111	41.2	33.1	49.7
148	65.5	51.8	77.8

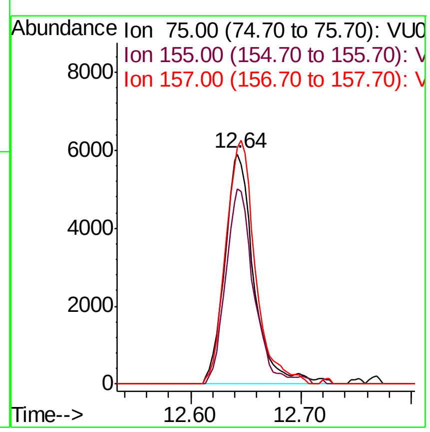


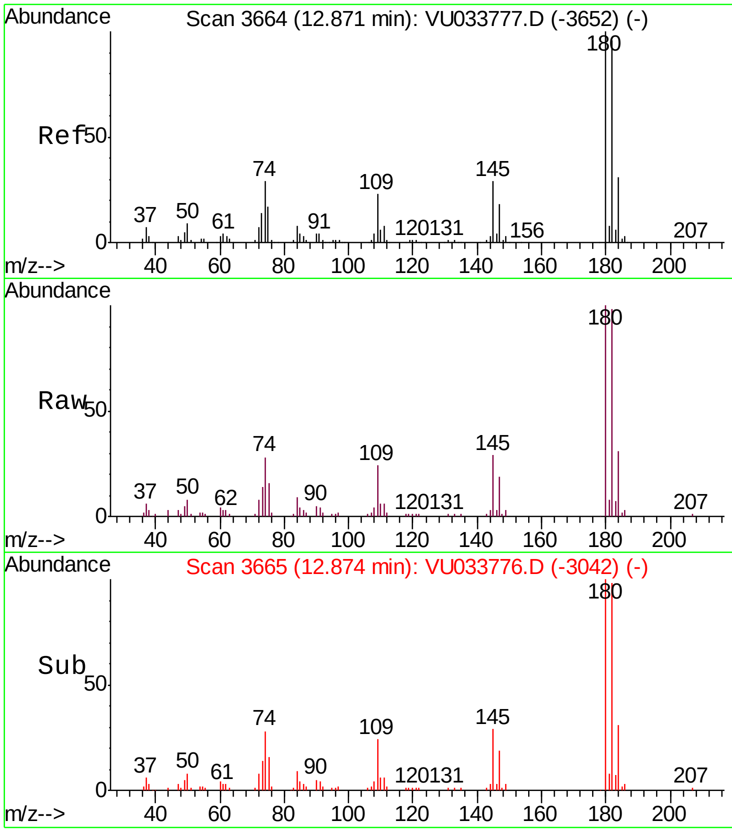


#68
1,2-Dibromo-3-chloropropane
Concen: 10.020 ug/L
RT: 12.64 min Scan# 3593
Delta R.T.   0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion: 75 Resp: 10861

Ion	Ratio	Lower	Upper
75	100		
155	84.6	65.9	98.9
157	102.8	86.3	129.5



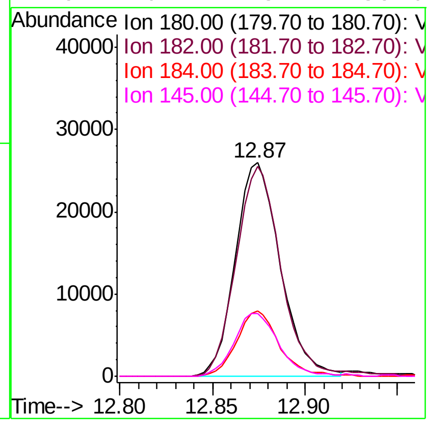


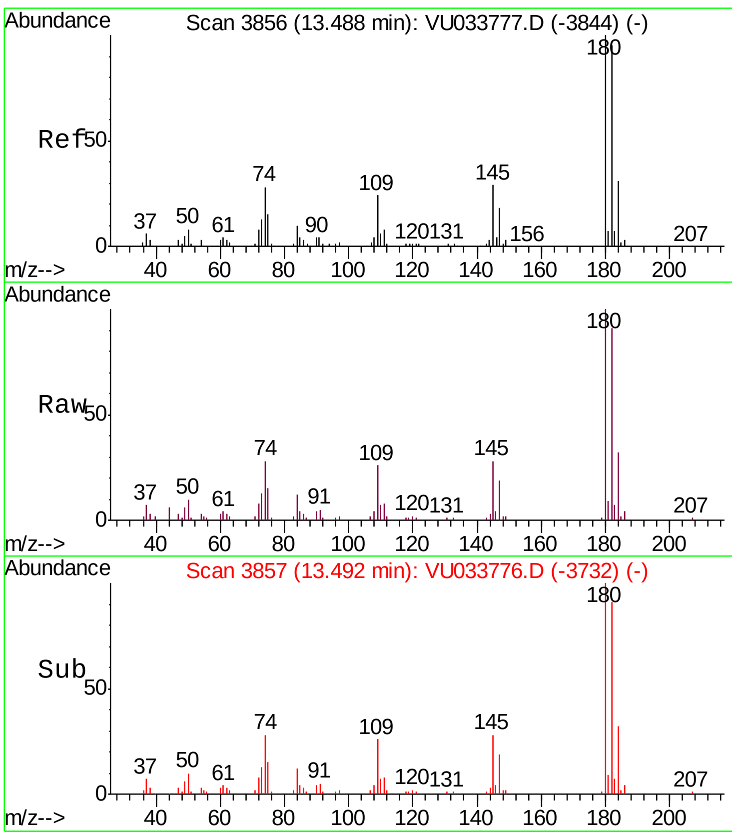
#69
1,3,5-Trichlorobenzene
Concen: 9.211 ug/L
RT: 12.87 min Scan# 3665
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD01034

Tgt Ion:180 Resp: 43803

Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.2	115.8
184	28.9	24.5	36.7
145	29.1	23.4	35.0

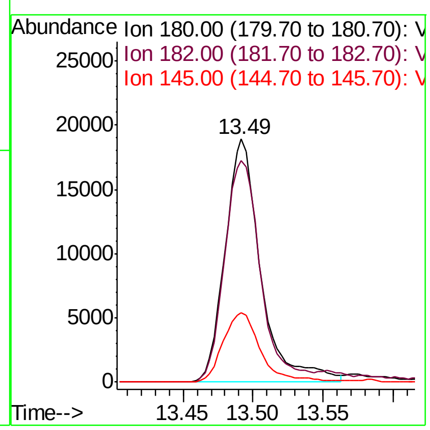




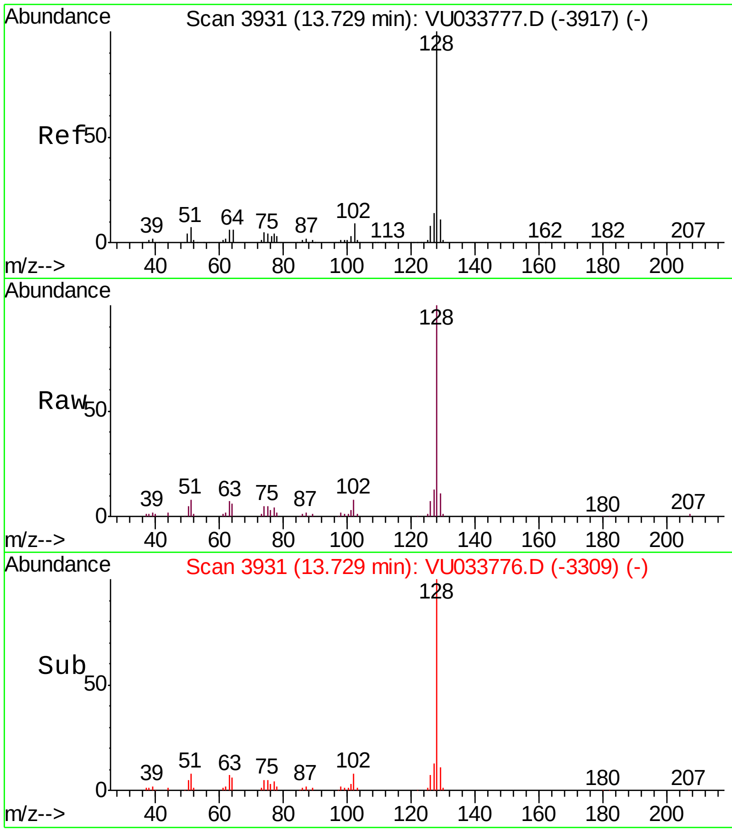
#70
1,2,4-trichlorobenzene
Concen: 8.403 ug/L
RT: 13.49 min Scan# 3857
Delta R.T. 0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:180 Resp: 33513

Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.3	112.9
145	28.9	23.3	34.9



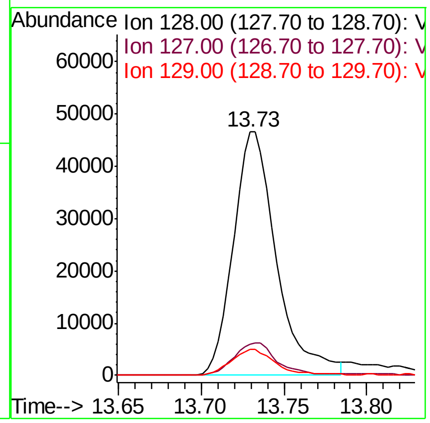
Instrument : MSVOA_U
ClientSampleId : VSTD01034

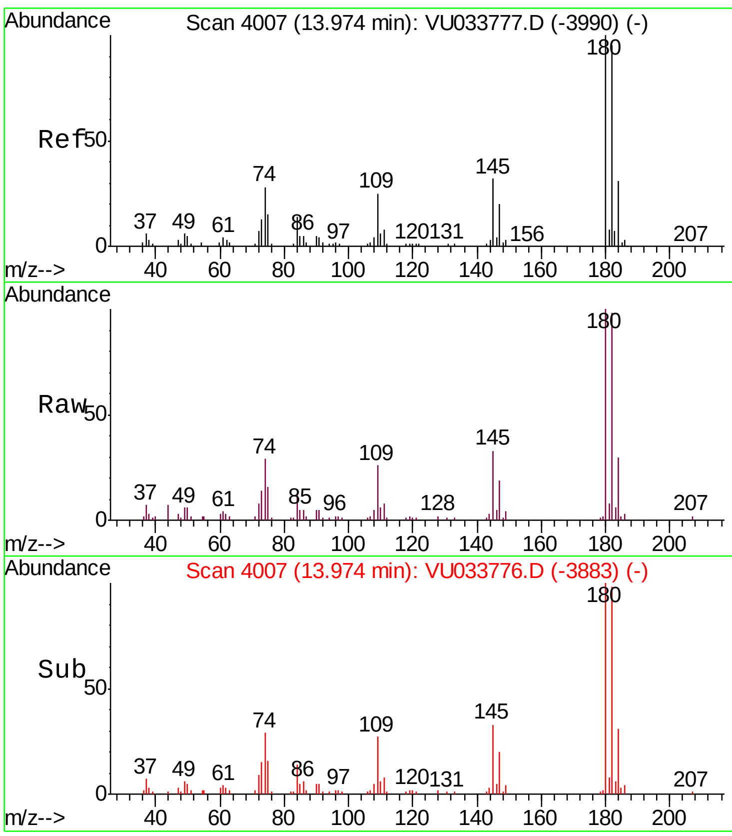


#71
Naphthalene
Concen: 7.262 ug/L
RT: 13.73 min Scan# 3931
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:128 Resp: 84322

Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	11.0	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 8.622 ug/L
RT: 13.97 min Scan# 4007
Delta R.T. -0.00 min
Lab File: VU033776.D
Acq: 13 Aug 2019 09:44

Tgt Ion:180 Resp: 35905

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.1	115.7
145	29.8	24.6	36.8