Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

Quantitation Report (Not Reviewed)

Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	327566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	348777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174734	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	151738	5.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.00%			
7) Chloroethane-d5	1.93	69	140318	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.59	63	221275	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.70	46	261017	52.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.92%			
24) Chloroform-d	5.11	84	237908	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.75	65	114600	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.77	84	450352	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.73	67	138907	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.93	98	422611	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	8.21	79	55198	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.67	63	221279	55.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.22%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	123126	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	150926	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	152928	4.749	ug/L	98
3) Chloromethane	1.54	50	169871	5.403	ug/L	98
5) Vinyl chloride	1.62	62	192301	5.863	ug/L	99
6) Bromomethane	1.87	94	106549	4.042	ug/L	97
8) Chloroethane	1.95	64	120581	4.832	ug/L	99
9) Trichlorofluoromethane	2.16	101	257961	4.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	128958	4.069	ug/L	98
12) 1,1-Dichloroethene	2.60	96	119593	4.196	ug/L #	83
13) Acetone	2.68	43	213384	33.787	ug/L	99
14) Carbon disulfide	2.82	76	366577	4.490	ug/L	99
15) Methyl Acetate	3.00	43	43267	4.640	ug/L	100
16) Methylene chloride	3.08	84	143801	4.345	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	235402	4.798	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	118012	4.851	ug/L	98
19) 1,1-Dichloroethane	3.92	63	227636	5.214	ug/L	99
21) 2-Butanone	4.78	43	303573	48.024	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	126745	4.965	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

Quantitation Report (Not Reviewed)

Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	63759	4.831	ug/L	89
25) Chloroform	5.13	83	242988	4.994	ug/L	98
27) 1,2-Dichloroethane	5.84	62	147409	5.128	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	198578	5.051	ug/L	100
30) Cyclohexane	5.43	56	160767	5.209	ug/L	98
31) Carbon tetrachloride	5.57	117	183357	5.158	ug/L	98
33) Benzene	5.82	78	517054	5.424	ug/L	100
34) Trichloroethene	6.58	95	128599	5.081	ug/L	96
35) Methylcyclohexane	6.80	83	173511	5.110	ug/L	98
37) 1,2-Dichloropropane	6.83	63	130575	5.461	ug/L	98
38) Bromodichloromethane	7.14	83	165888	5.162	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	167456	5.153	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	661423	52.959	ug/L	99
42) Toluene	8.00	91	555616	5.435	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	148326	5.280	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	97589	5.184	ug/L	95
47) Tetrachloroethene	8.58	164	117919	4.901	ug/L	96
48) 2-Hexanone	8.73	43	530479	59.208	ug/L	98
49) Dibromochloromethane	8.84	129	118764	4.753	ug/L	98
50) 1,2-Dibromoethane	8.96	107	91760	5.041	ug/L	97
51) Chlorobenzene	9.47	112	349783	4.909	ug/L	99
52) Ethylbenzene	9.60	91	524868	4.901	ug/L	100
53) m,p-Xylene	9.72	106	212511	4.983	ug/L	98
54) o-Xylene	10.13	106	197981	4.943	ug/L	94
55) Styrene	10.14	104	347289	5.057	ug/L	98
56) Isopropylbenzene	10.51	105	511414	4.840	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	121429	4.879	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	86030	5.033	ug/L	98
61) Bromoform	10.32	173	70719	4.067	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	280643	4.910	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	276586	4.912	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	261316	4.627	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	15944	4.494	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	179673	4.640	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	93653	4.554	ug/L	99
69) Naphthalene	14.11	128	73541	3.716	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	88788	4.503	ug/L	99

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

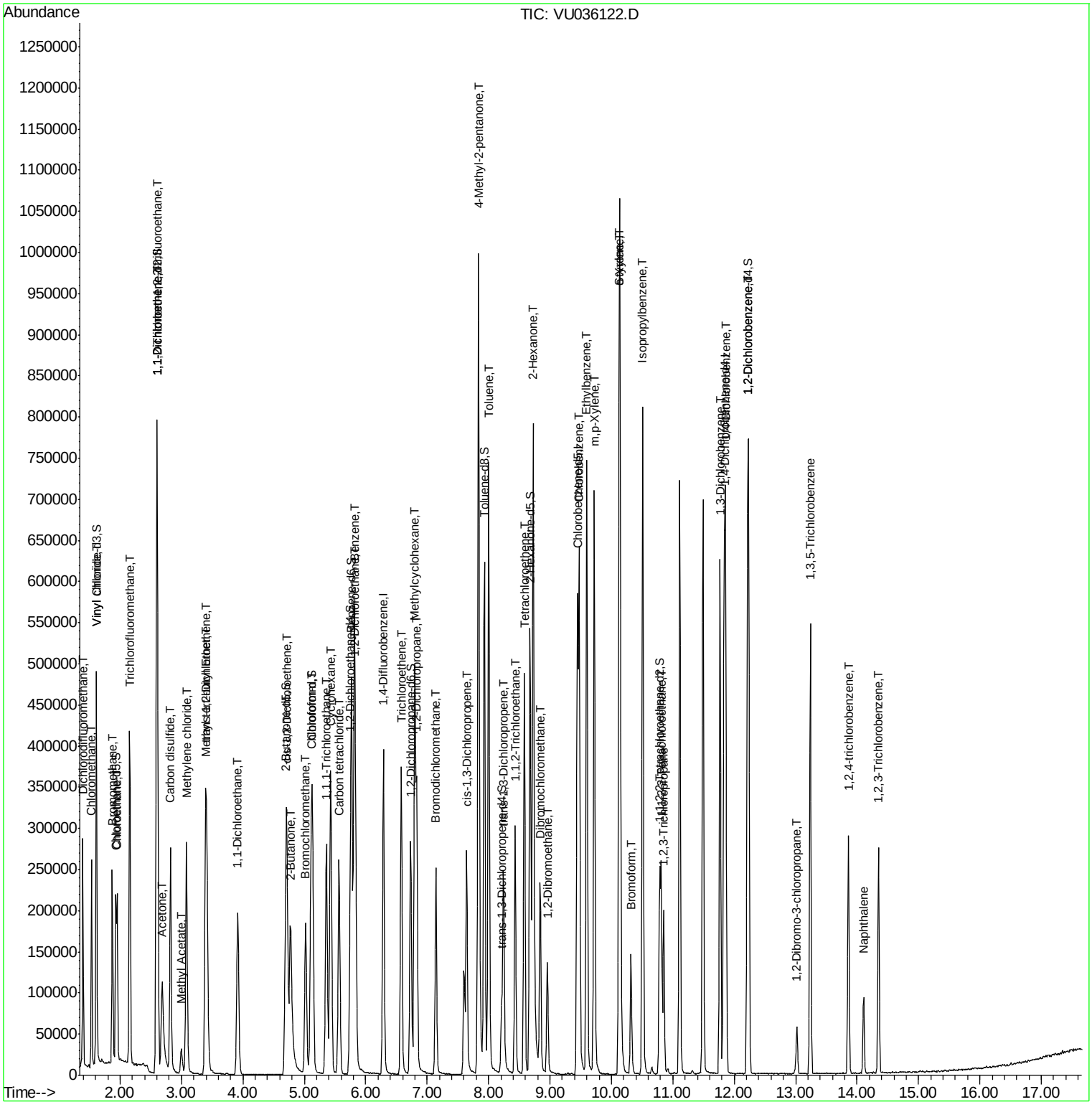
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

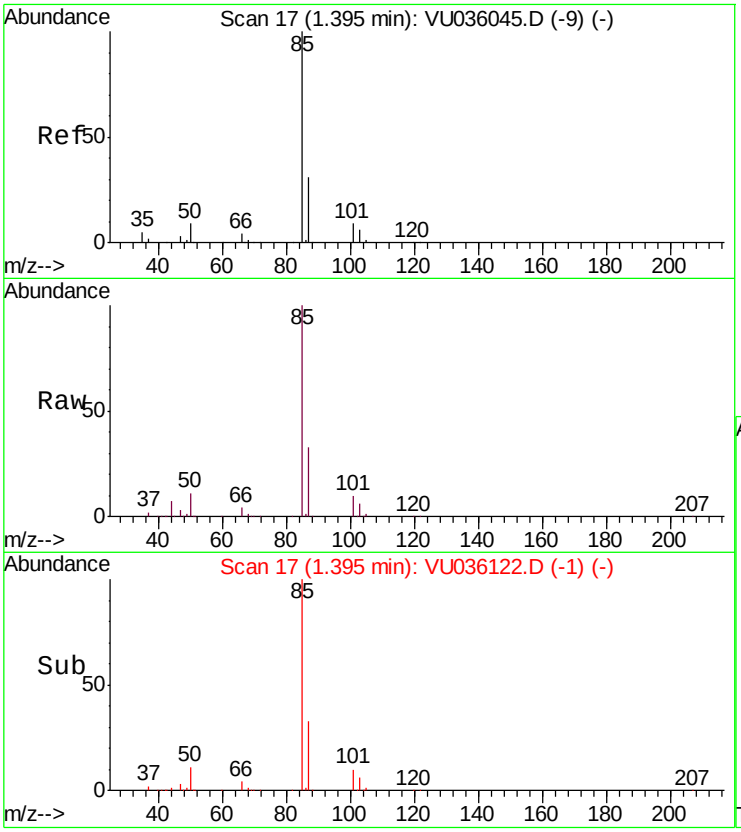
Quantitation Report (Not Reviewed)

Data File : VU036122.D
Acq On : 11 Dec 2019 10:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB

Quant Time: Dec 12 06:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 17:05:01 2019
Response via : Initial Calibration



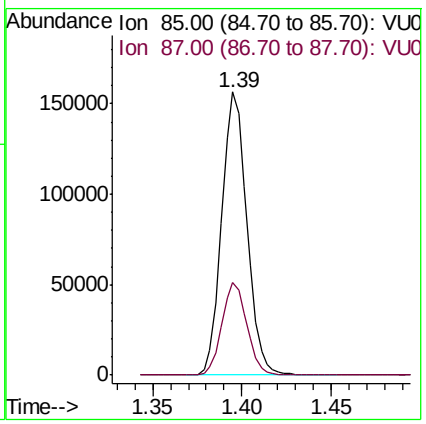


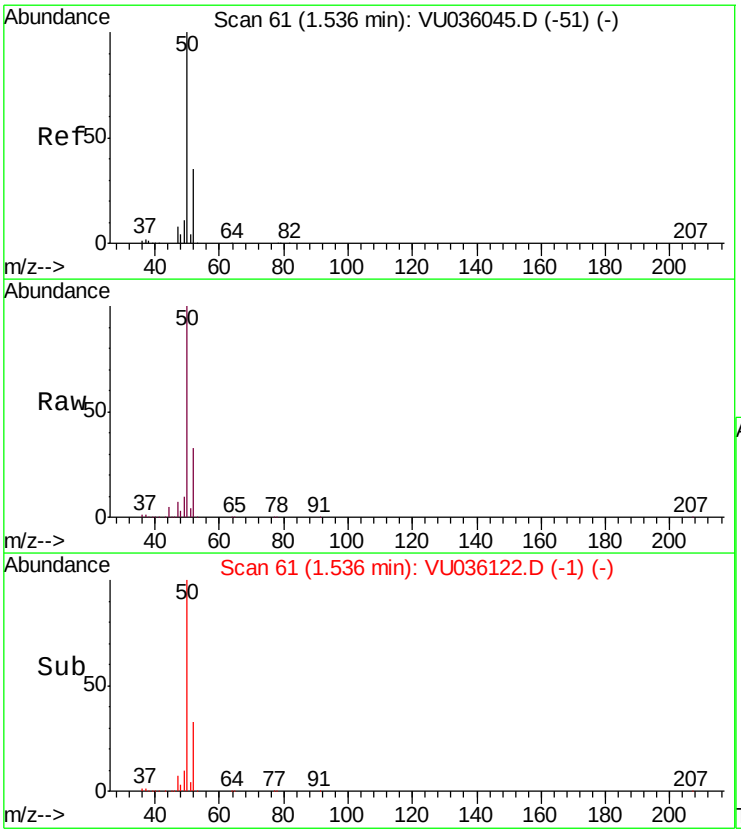
#2
Dichlorodifluoromethane
Concen: 4.749 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 85 Resp: 152928

Ion	Ratio	Lower	Upper
85	100		
87	32.6	27.0	40.4

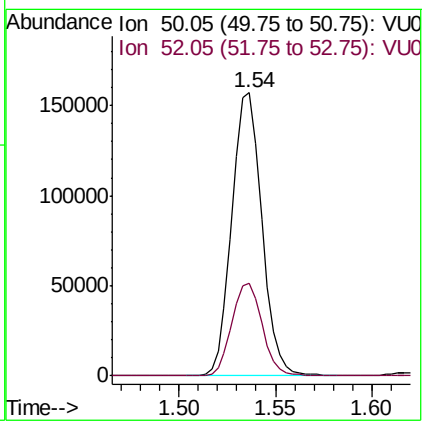


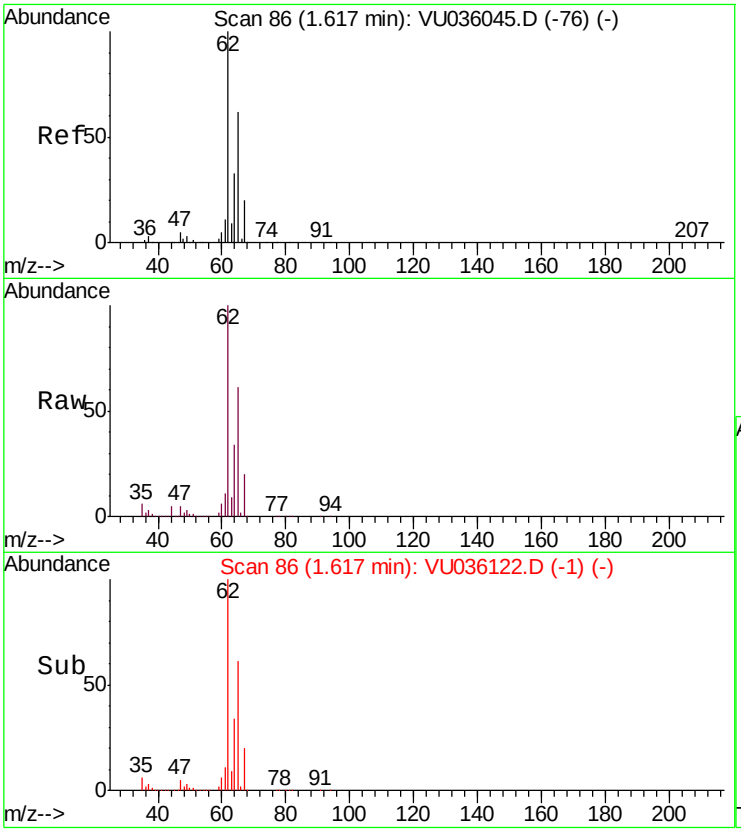


#3
Chloromethane
Concen: 5.403 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 50 Resp: 169871

Ion	Ratio	Lower	Upper
50	100		
52	32.8	23.6	43.8



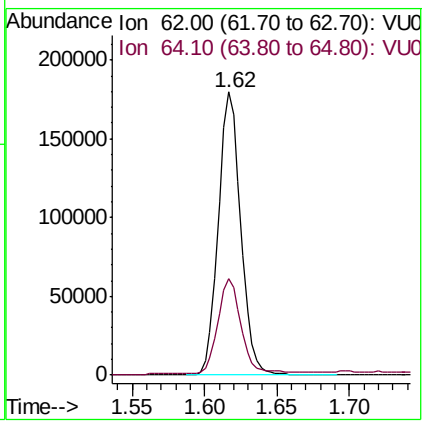


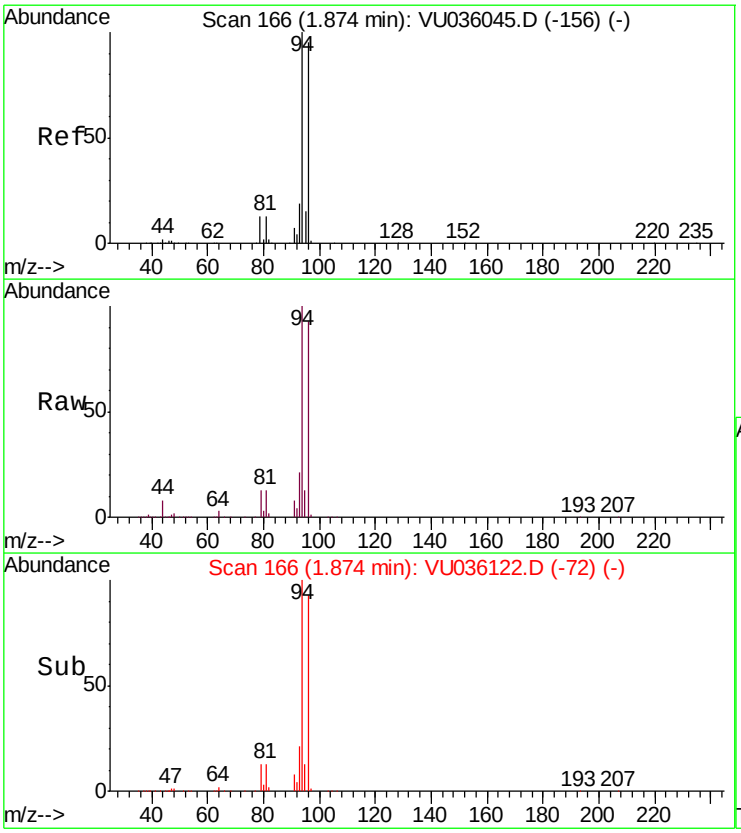
#5
Vinyl chloride
Concen: 5.863 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 192301

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.3	45.1

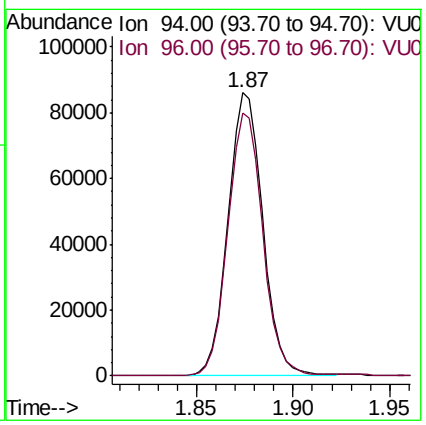


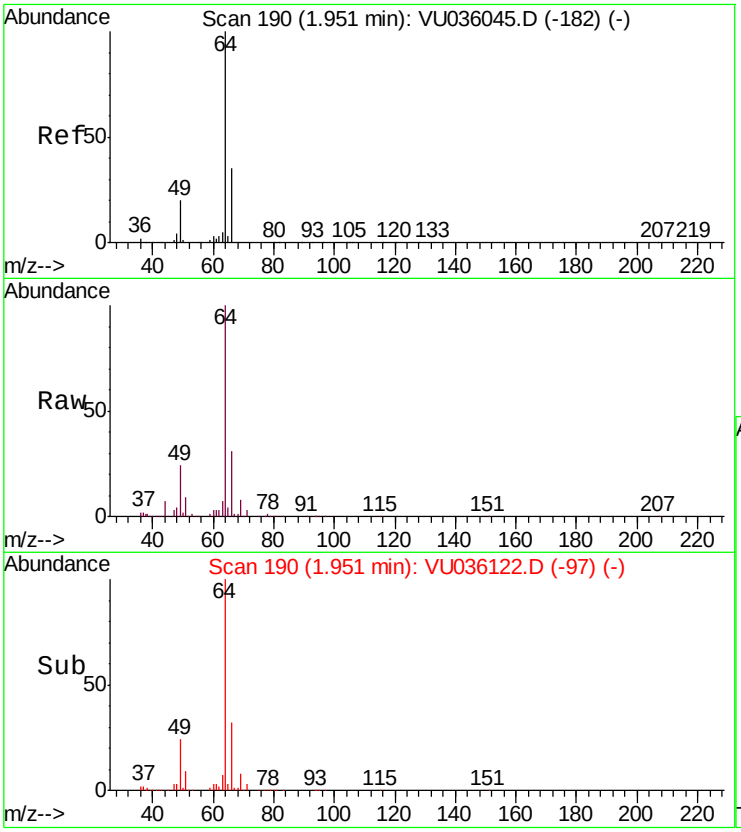


#6
Bromomethane
Concen: 4.042 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 94 Resp: 106549

Ion	Ratio	Lower	Upper
94	100		
96	92.7	66.8	124.2



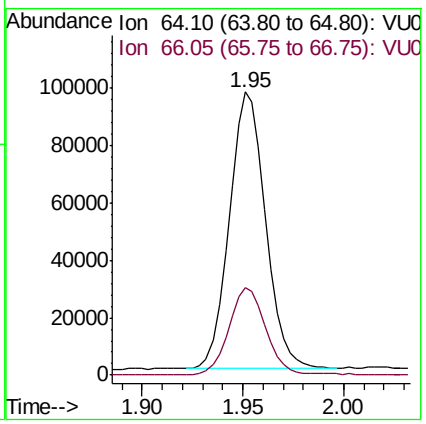


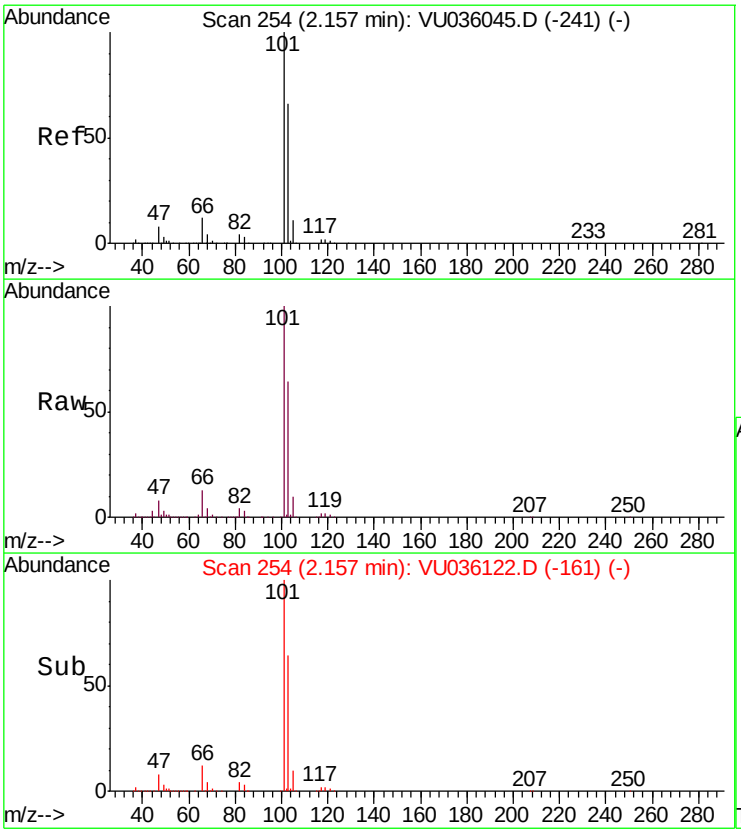
#8
Chloroethane
Concen: 4.832 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 64 Resp: 120581

Ion	Ratio	Lower	Upper
64	100		
66	31.1	21.5	39.9

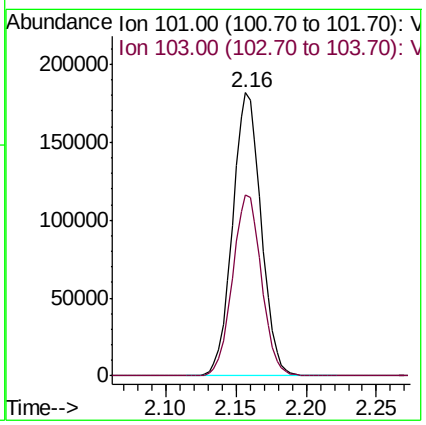


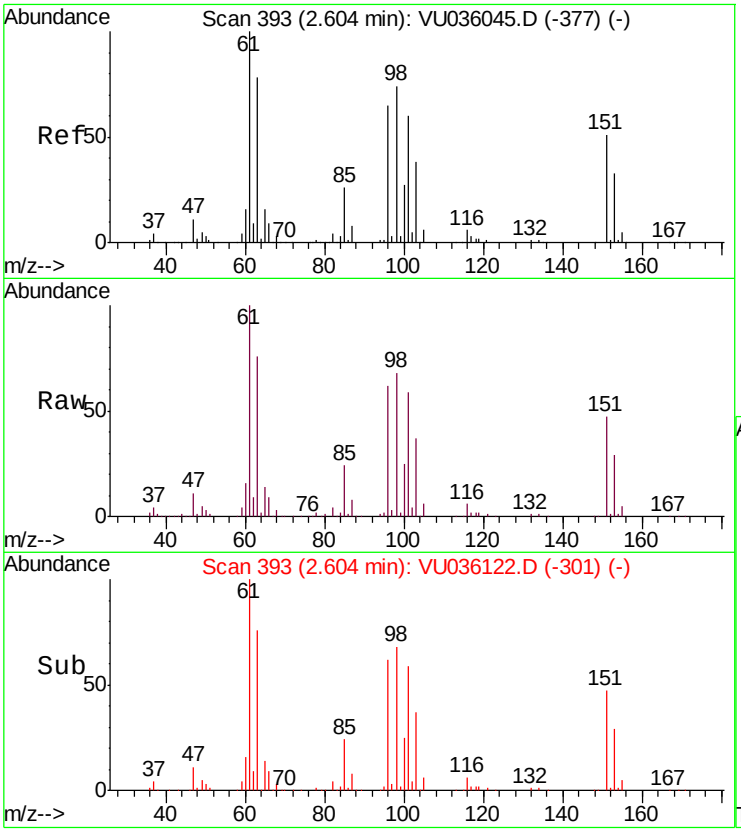


#9
Trichlorofluoromethane
Concen: 4.517 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:101 Resp: 257961

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.6	78.8



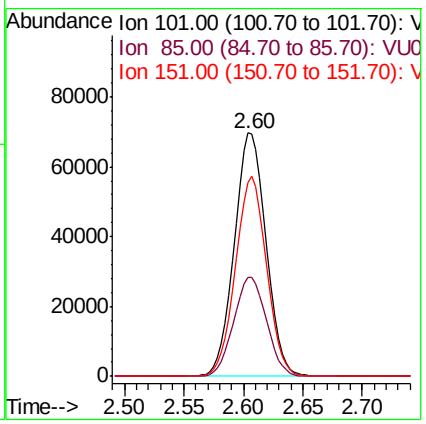


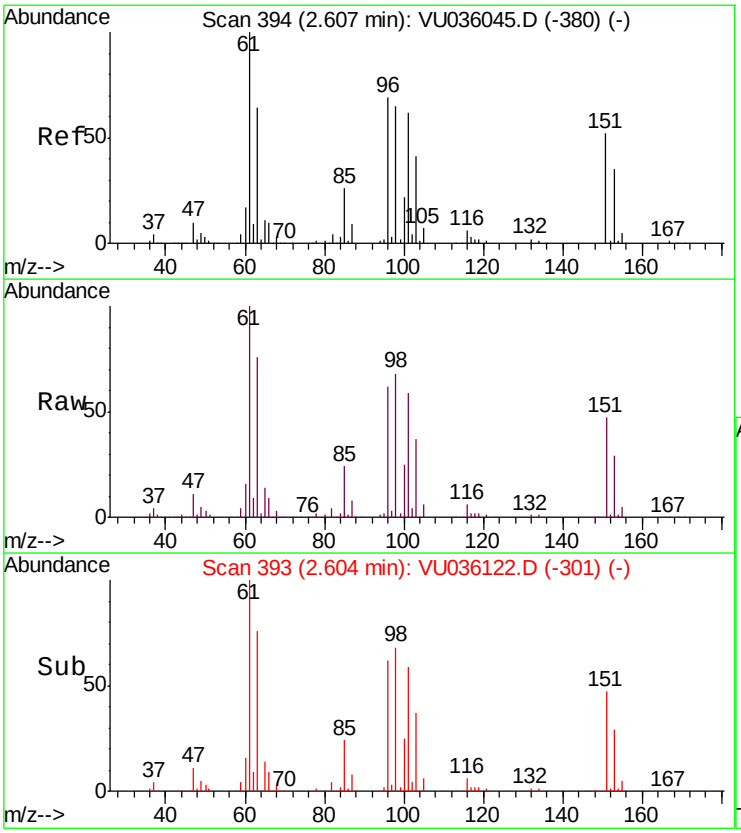
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.069 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:101 Resp: 128958

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.1	49.7
151	80.3	66.5	99.7

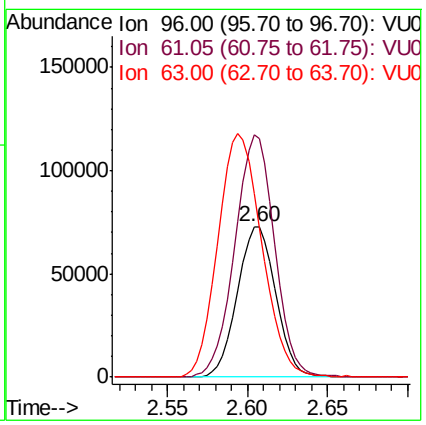


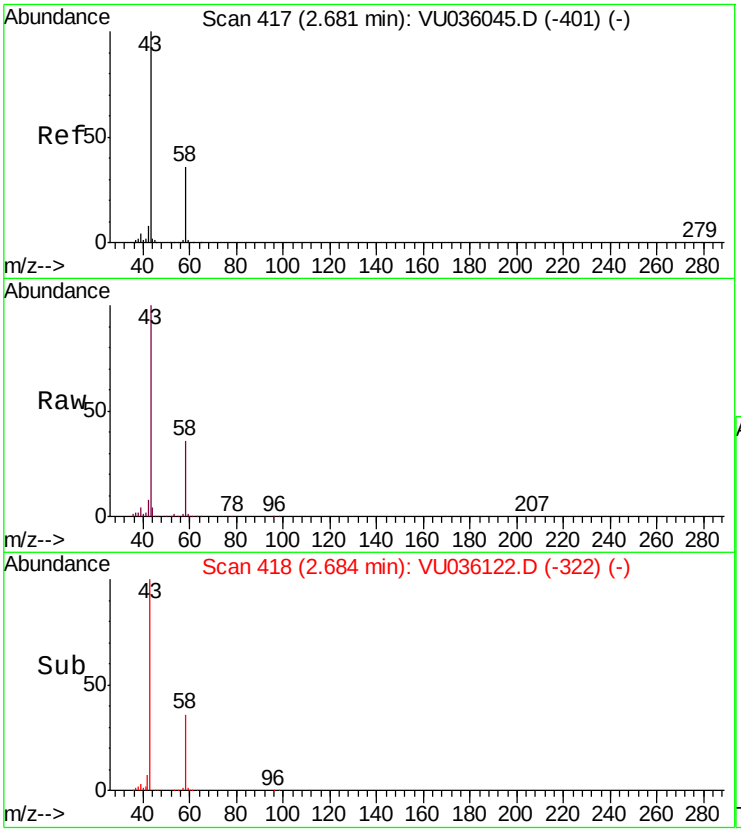


#12
1,1-Dichloroethene
Concen: 4.196 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 96 Resp: 119593

Ion	Ratio	Lower	Upper
96	100		
61	161.1	104.3	193.7
63	122.0	65.6	121.8#



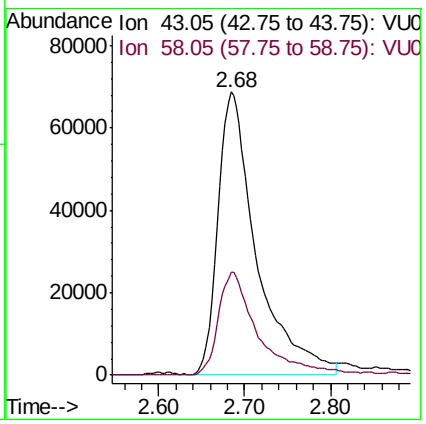


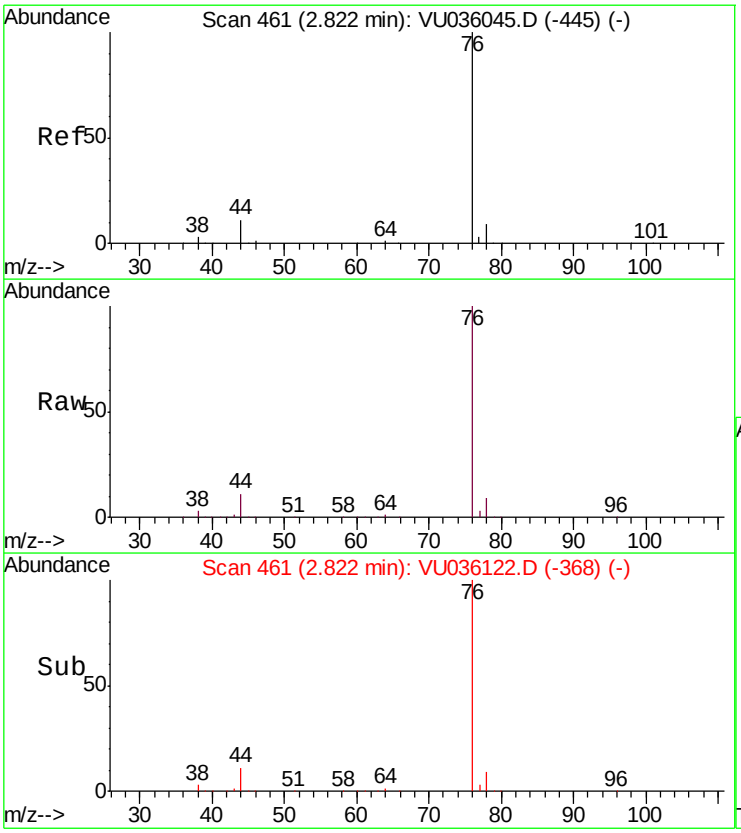
#13
Acetone
Concen: 33.787 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 43 Resp: 213384

Ion	Ratio	Lower	Upper
43	100		
58	37.4	0.0	74.2

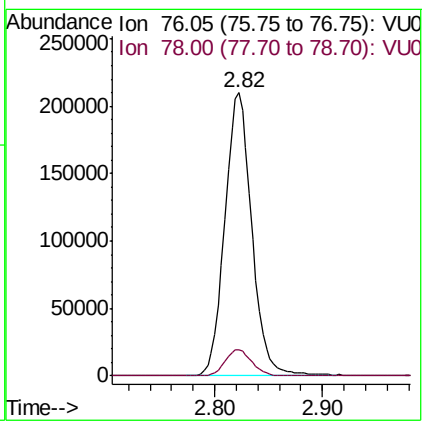


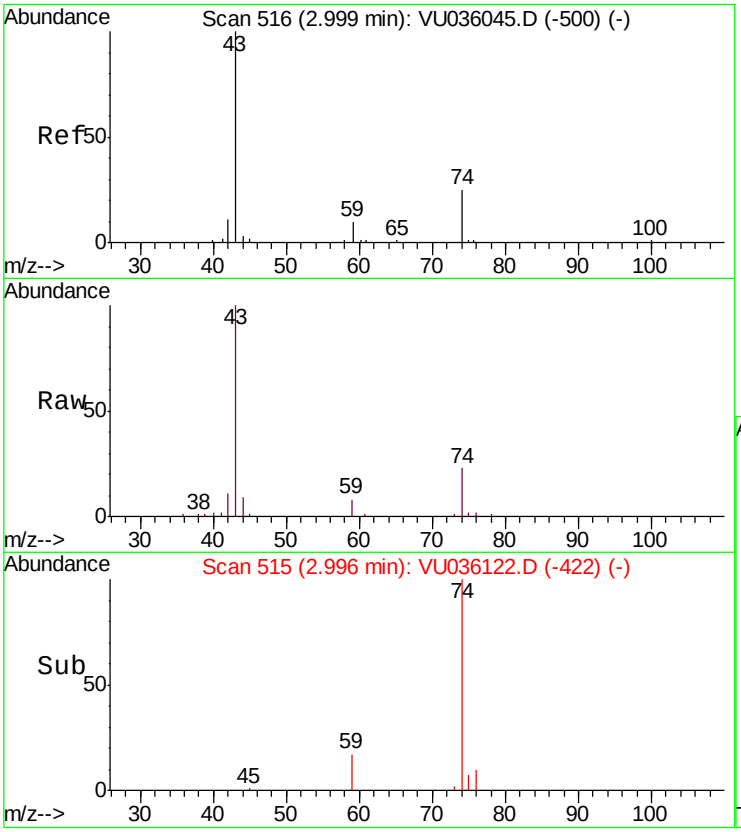


#14
Carbon disulfide
Concen: 4.490 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 76 Resp: 366577

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.7	11.5



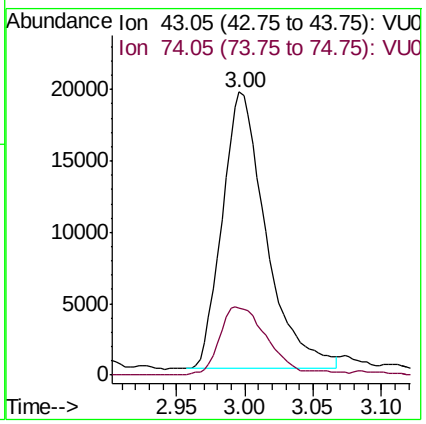


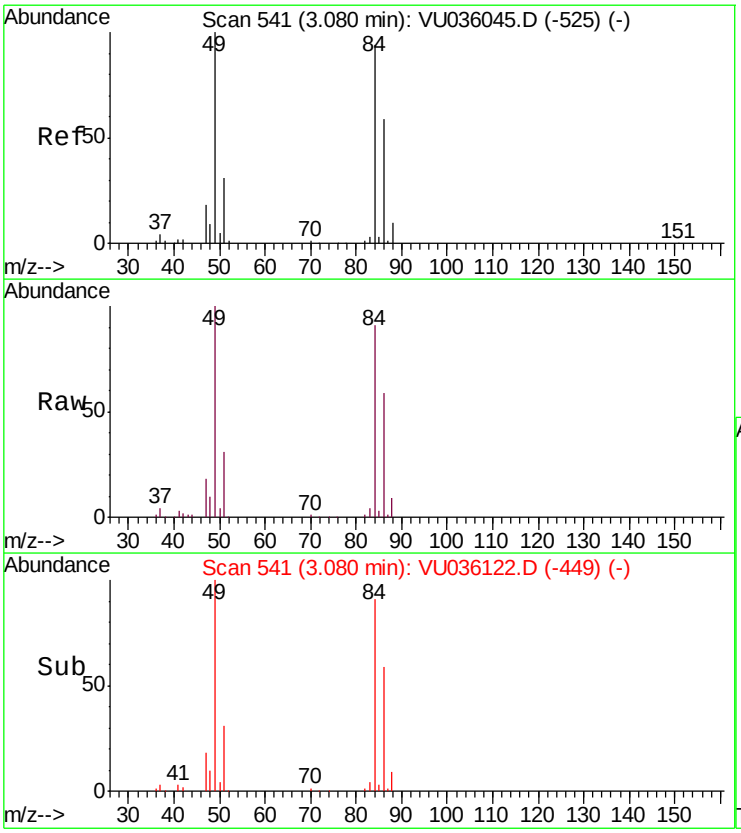
#15
Methyl Acetate
Concen: 4.640 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 43 Resp: 43267

Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.0	31.4

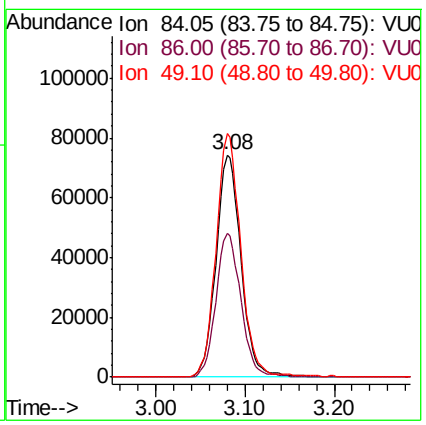


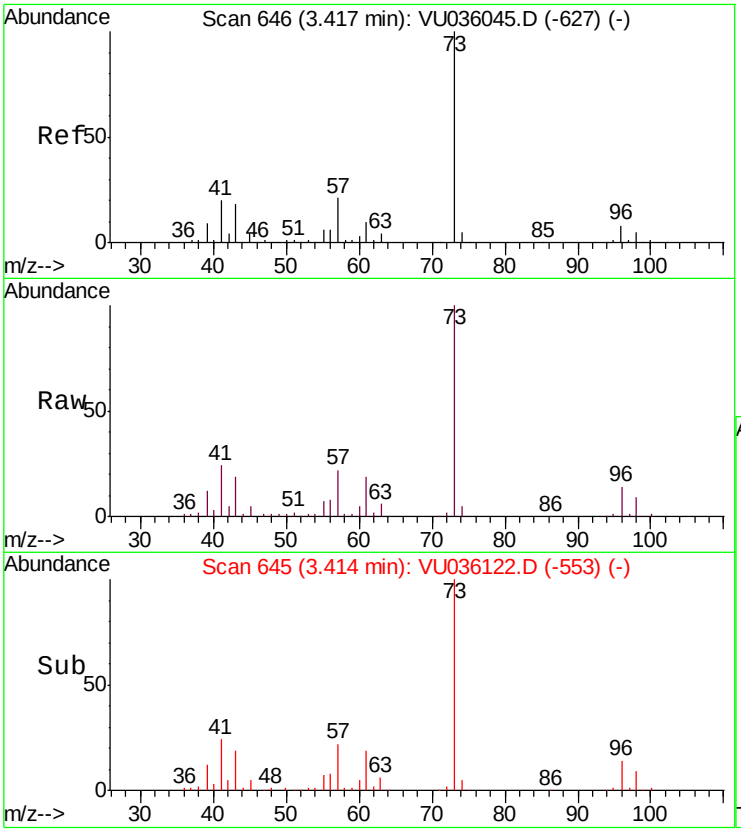


#16
Methylene chloride
Concen: 4.345 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 84 Resp: 143801

Ion	Ratio	Lower	Upper
84	100		
86	64.8	47.5	88.3
49	109.5	76.9	142.9



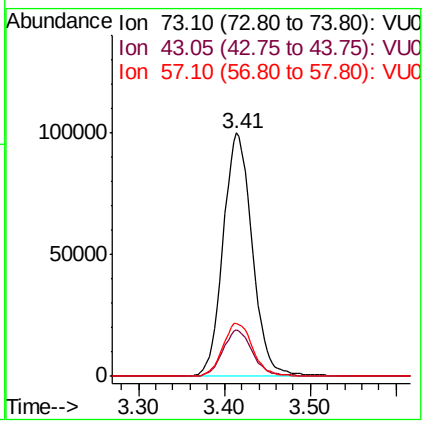


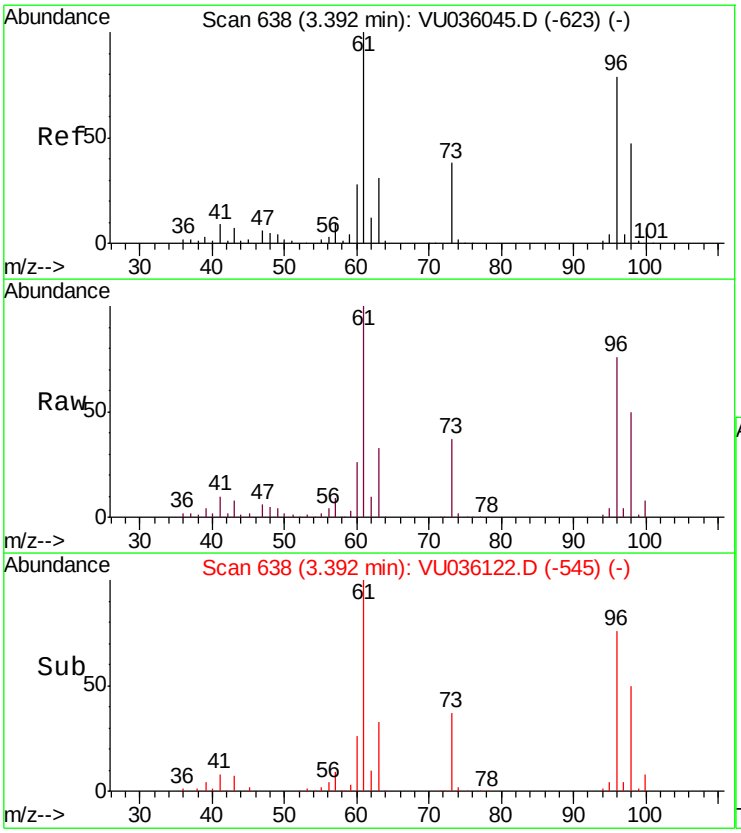
#17
Methyl tert-butyl Ether
Concen: 4.798 ug/L
RT: 3.41 min Scan# 645
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 73 Resp: 235402

Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.6	23.4
57	22.6	17.4	26.2

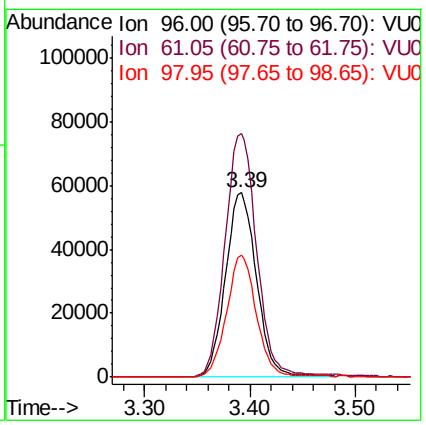


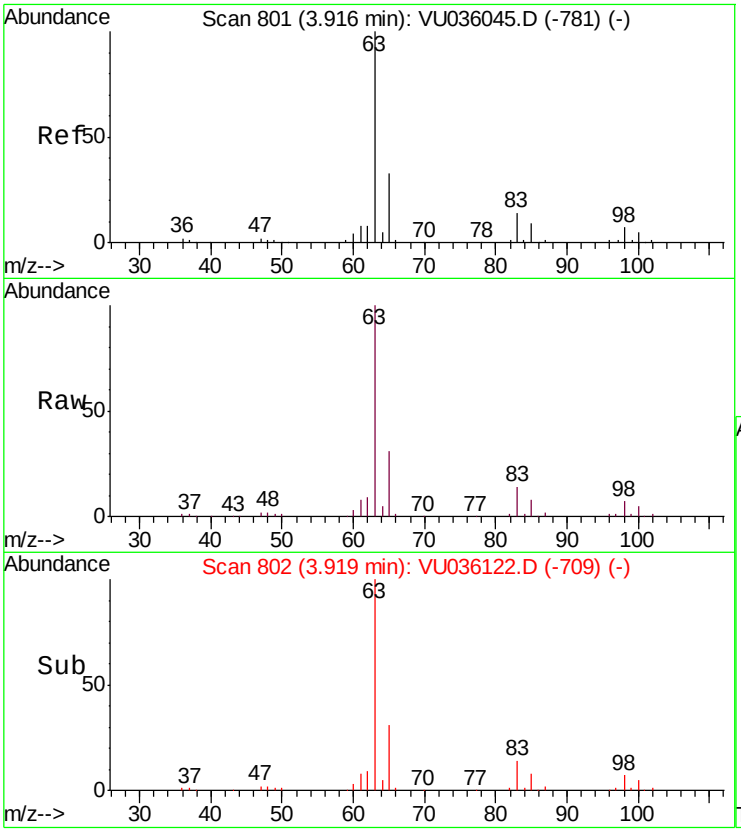


#18
trans-1,2-Dichloroethene
Concen: 4.851 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 96 Resp: 118012

Ion	Ratio	Lower	Upper
96	100		
61	132.1	92.0	170.8
98	66.5	44.6	82.8



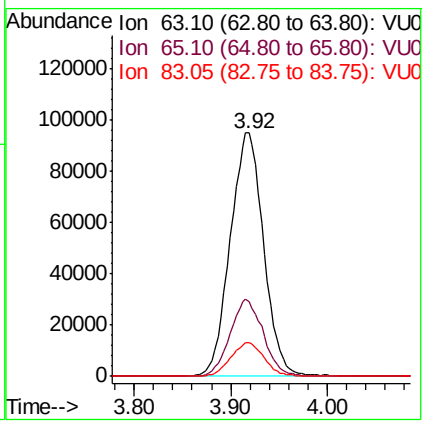


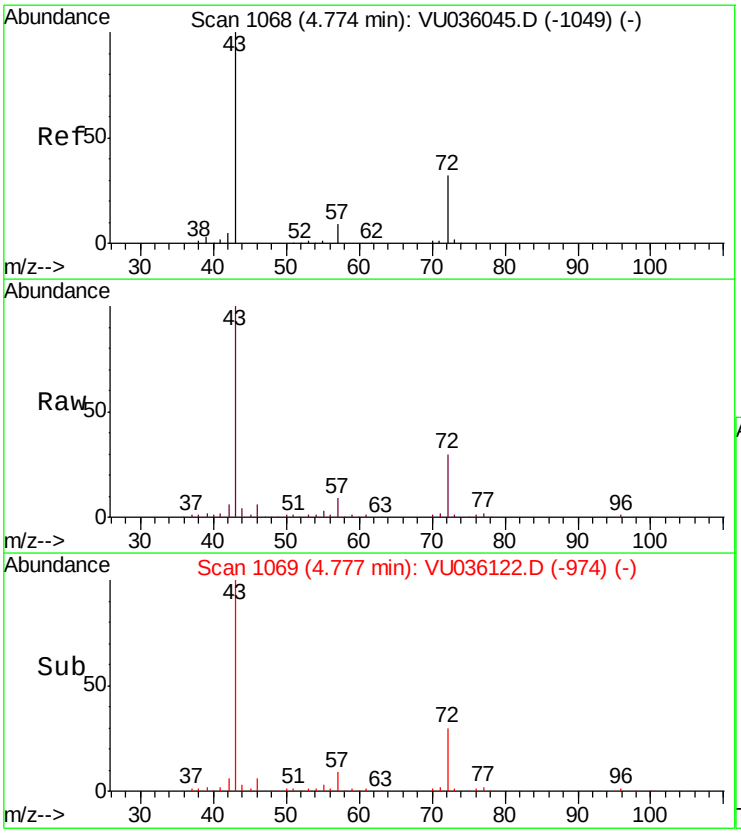
#19
1,1-Dichloroethane
Concen: 5.214 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 63 Resp: 227636

Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.8	40.4
83	13.8	10.1	18.9

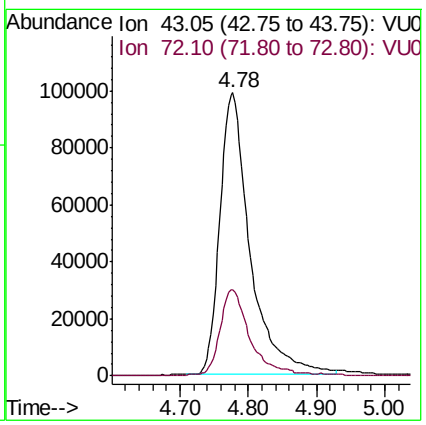


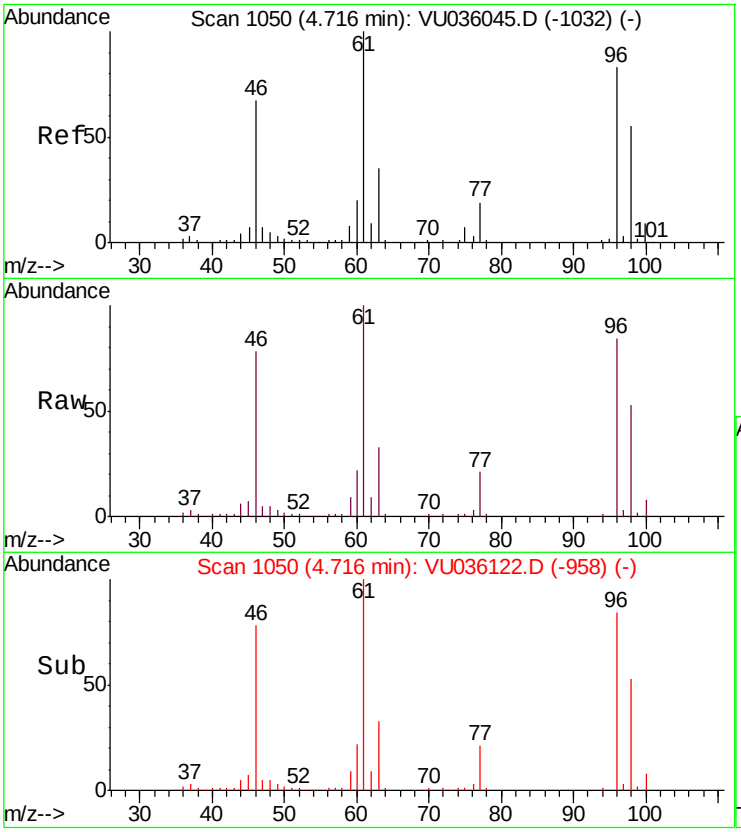


#21
2-Butanone
Concen: 48.024 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 43 Resp: 303573

Ion	Ratio	Lower	Upper
43	100		
72	30.5	15.0	45.0



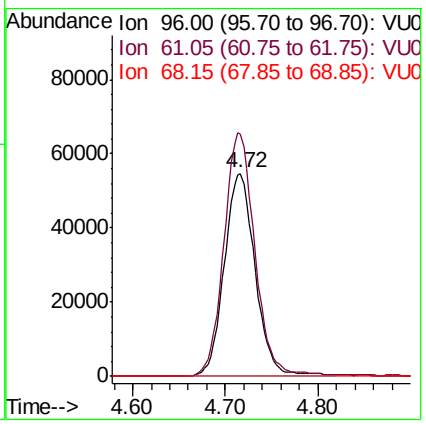


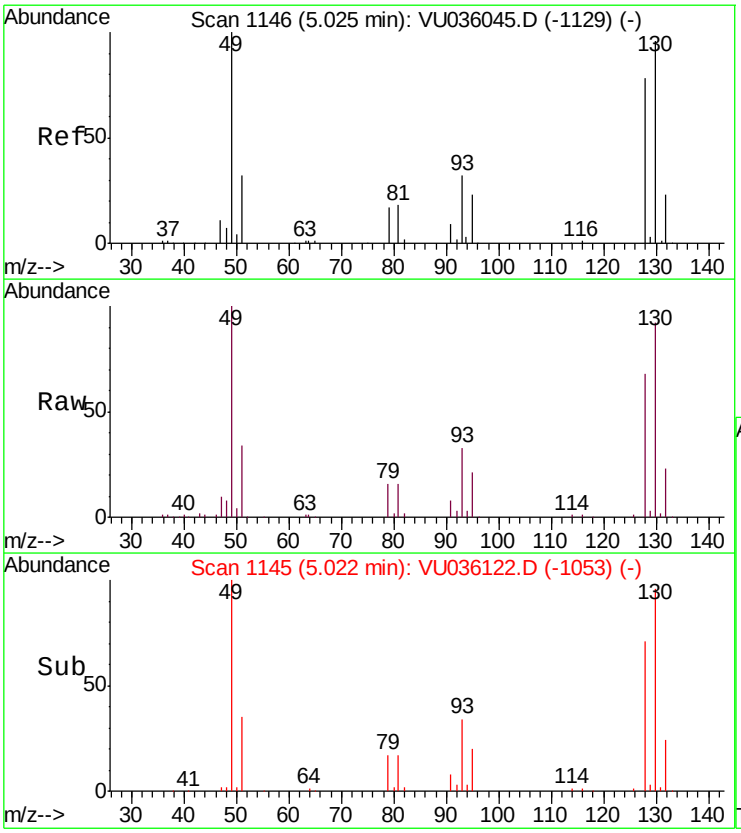
#22
cis-1,2-Dichloroethene
Concen: 4.965 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 96 Resp: 126745

Ion	Ratio	Lower	Upper
96	100		
61	119.6	83.0	154.2
68	0.0	0.0	0.0

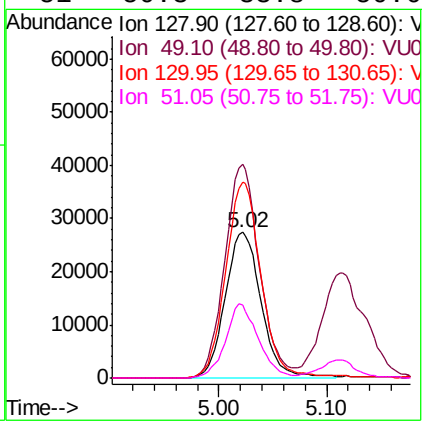


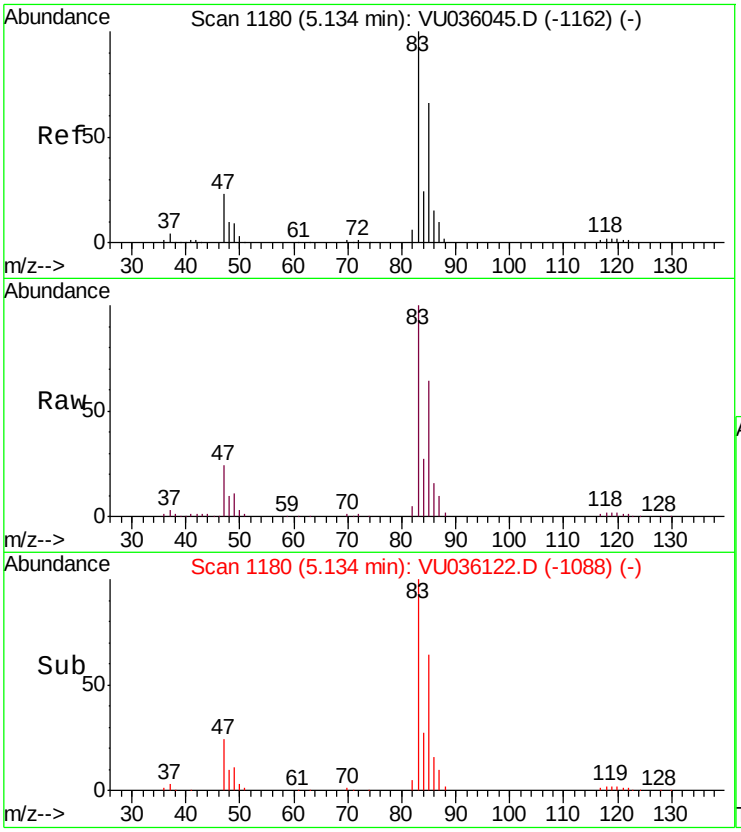


#23
Bromochloromethane
Concen: 4.831 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:128 Resp: 63759

Ion	Ratio	Lower	Upper
128	100		
49	146.6	90.2	167.6
130	134.3	89.0	165.4
51	50.3	33.8	50.6



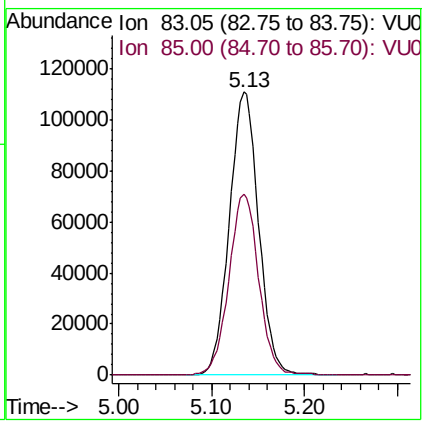


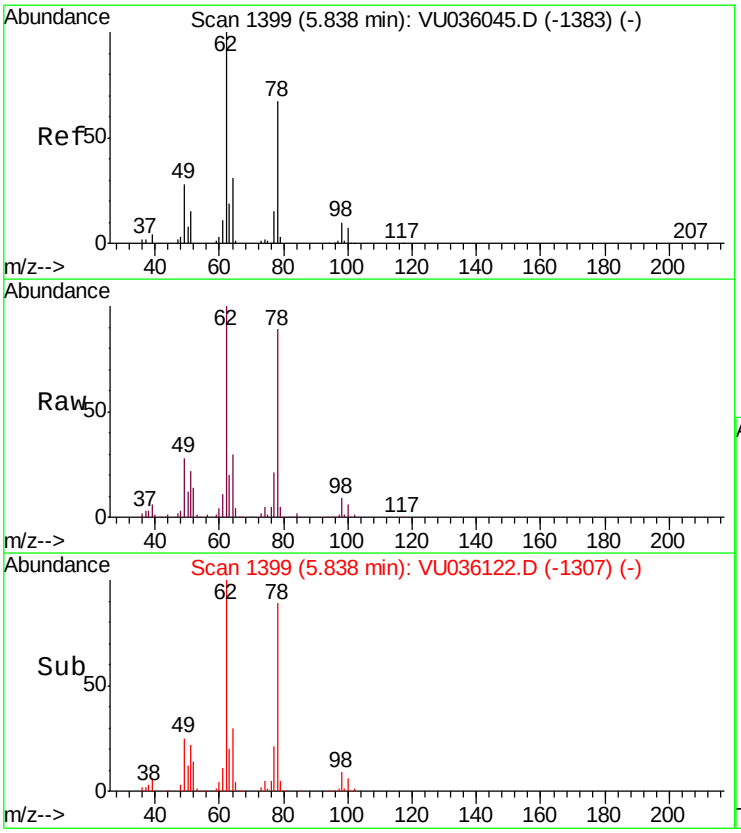
#25
Chloroform
Concen: 4.994 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 83 Resp: 242988

Ion	Ratio	Lower	Upper
83	100		
85	63.9	43.9	81.5

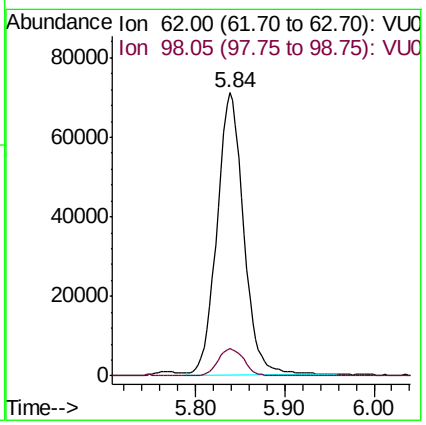


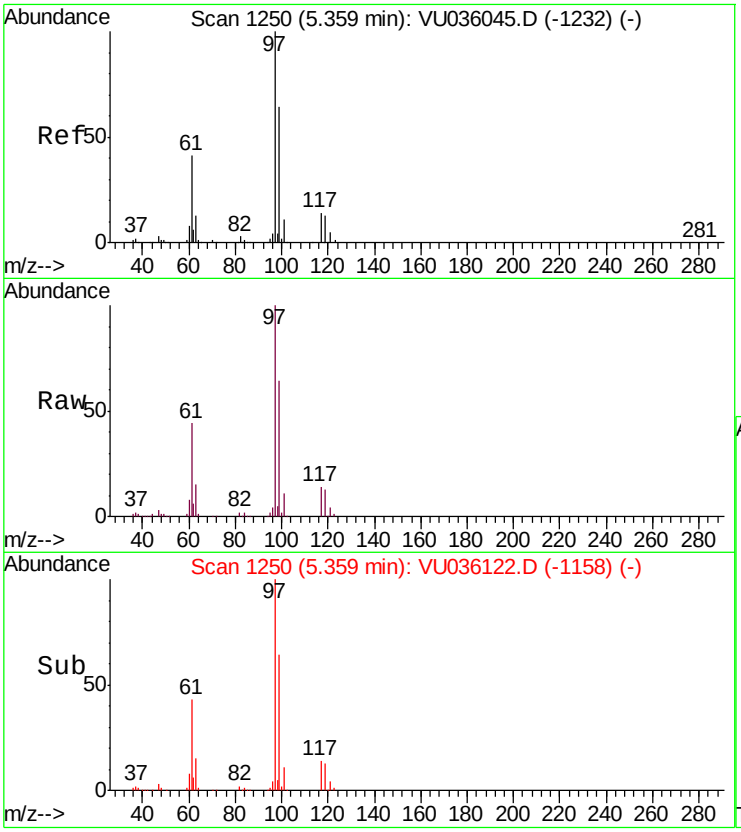


#27
1,2-Dichloroethane
Concen: 5.128 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 62 Resp: 147409

Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.2	12.2



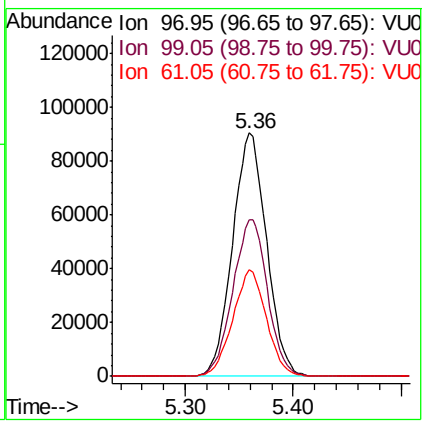


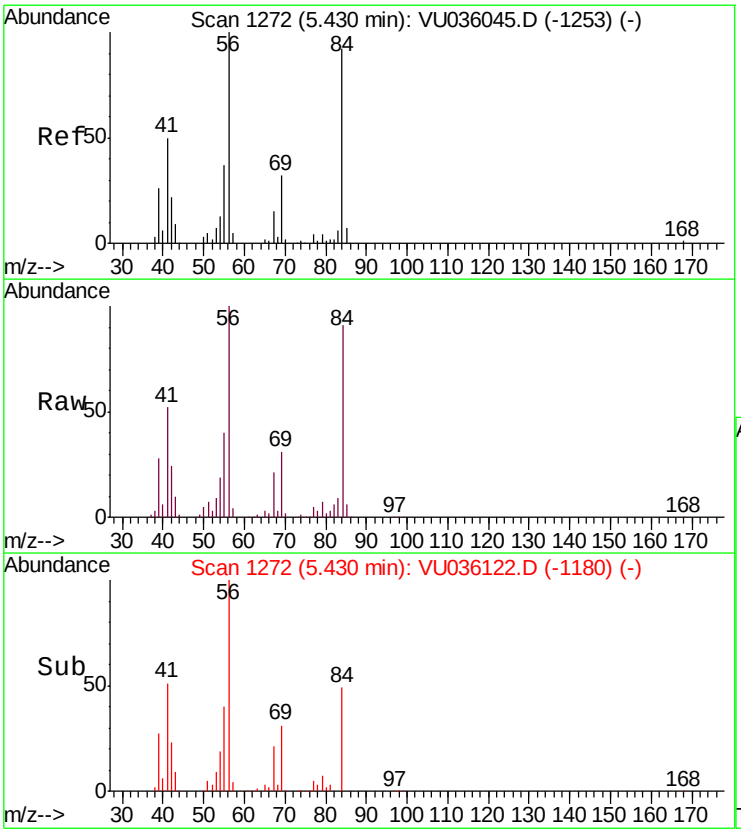
#29
1,1,1-Trichloroethane
Concen: 5.051 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 198578

Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.2	78.2
61	43.2	34.7	52.1

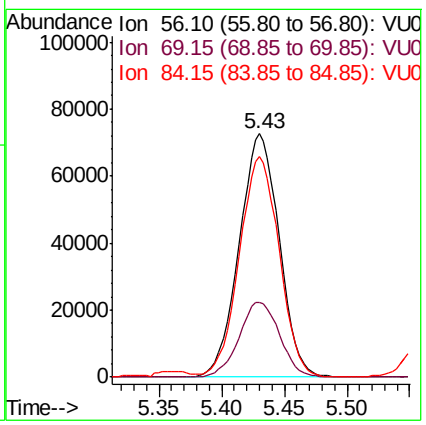


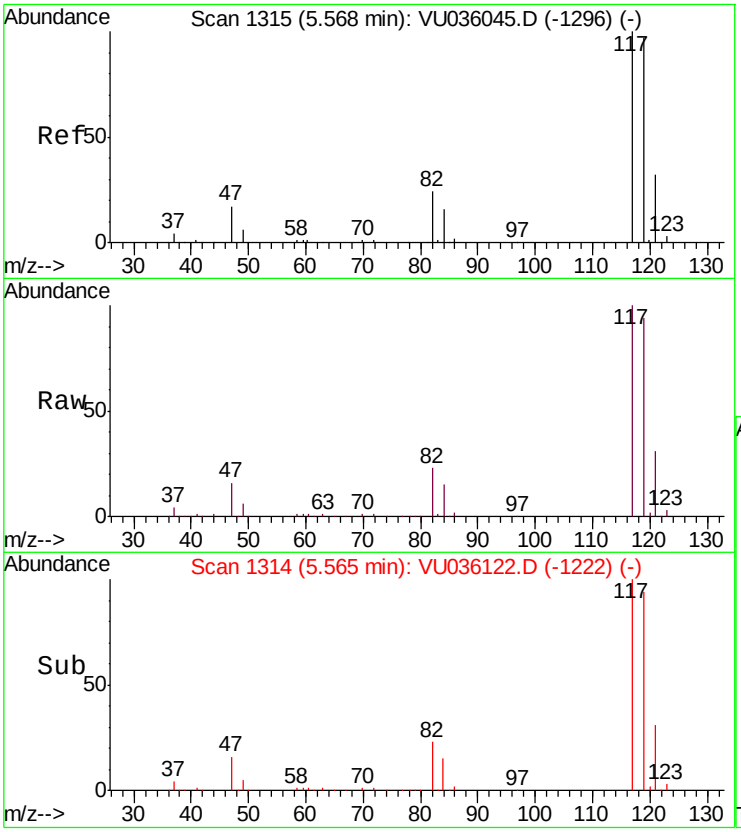


#30
Cyclohexane
Concen: 5.209 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 56 Resp: 160767

Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.4	38.0
84	90.2	74.5	111.7



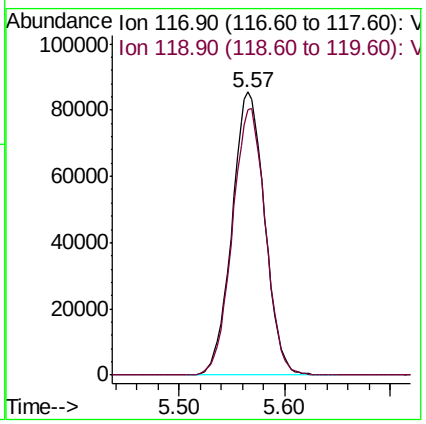


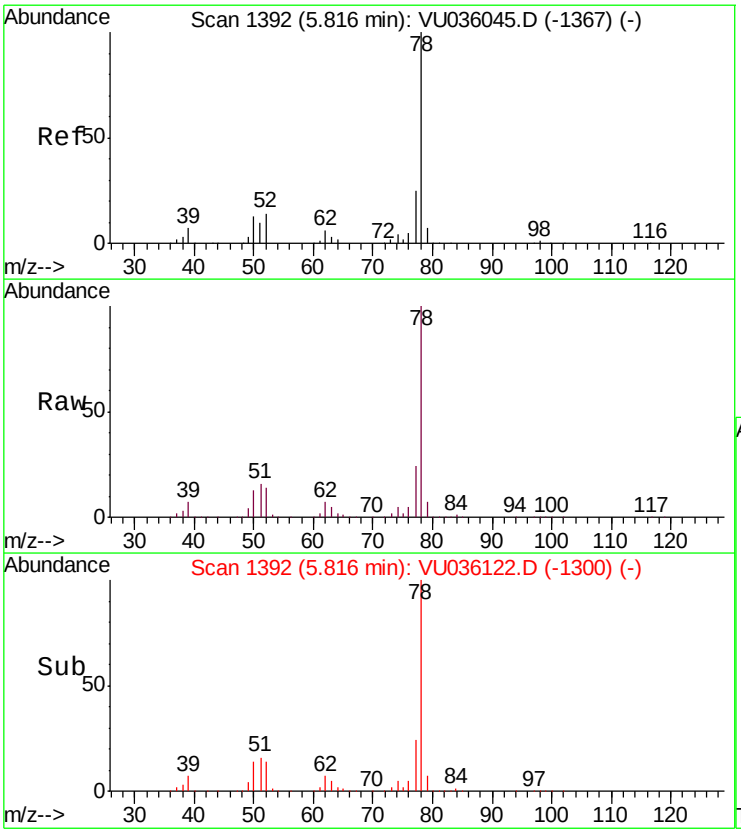
#31
Carbon tetrachloride
Concen: 5.158 ug/L
RT: 5.57 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:117 Resp: 183357

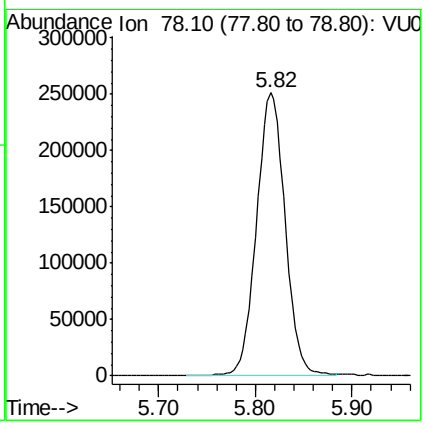
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.4

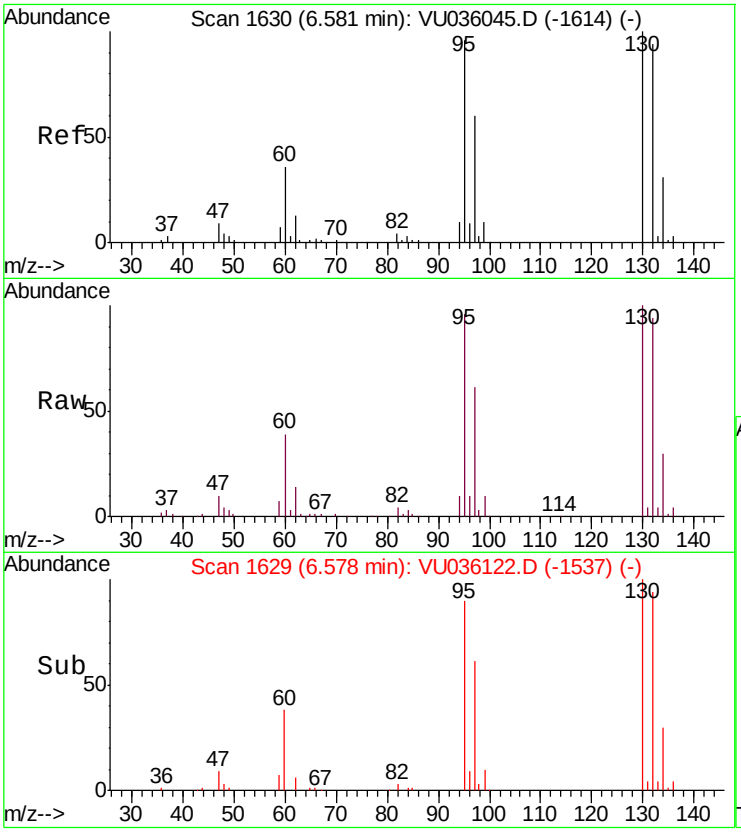




#33
Benzene
Concen: 5.424 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 78 Resp: 517054



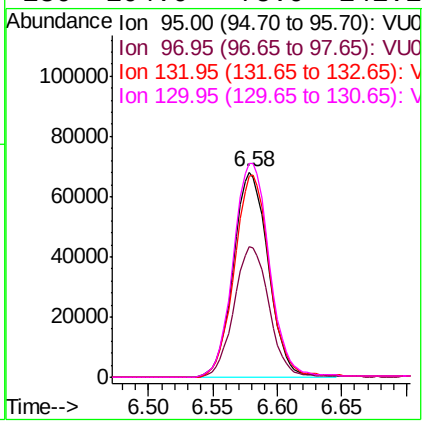


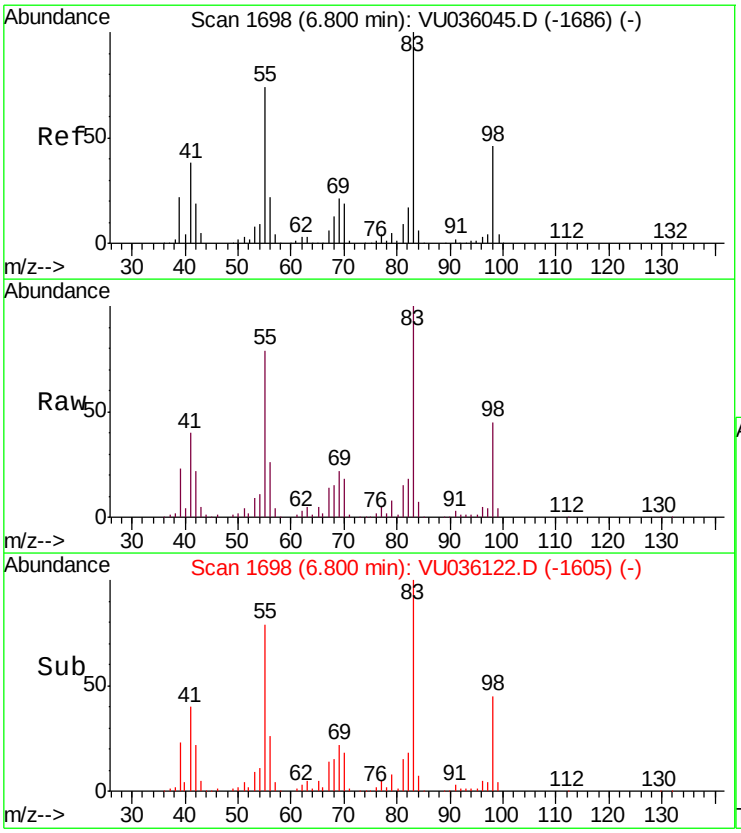
#34
Trichloroethene
Concen: 5.081 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 128599

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	97.9	73.4	136.4
130	104.0	75.9	141.1

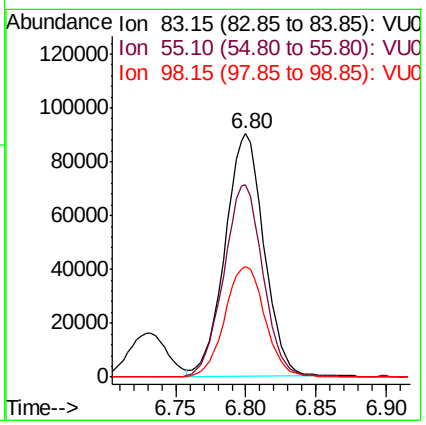


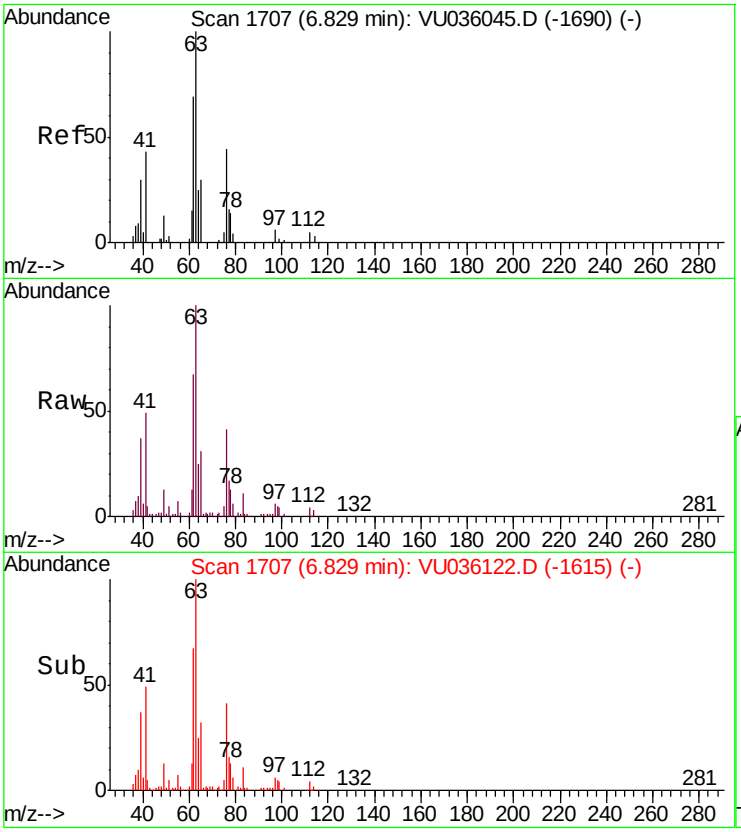


#35
Methylcyclohexane
Concen: 5.110 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 83 Resp: 173511

Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.1	93.1
98	47.2	37.0	55.4



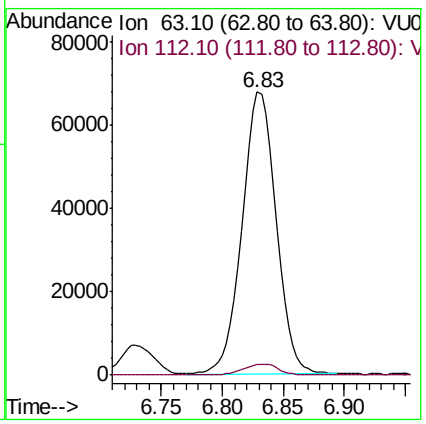


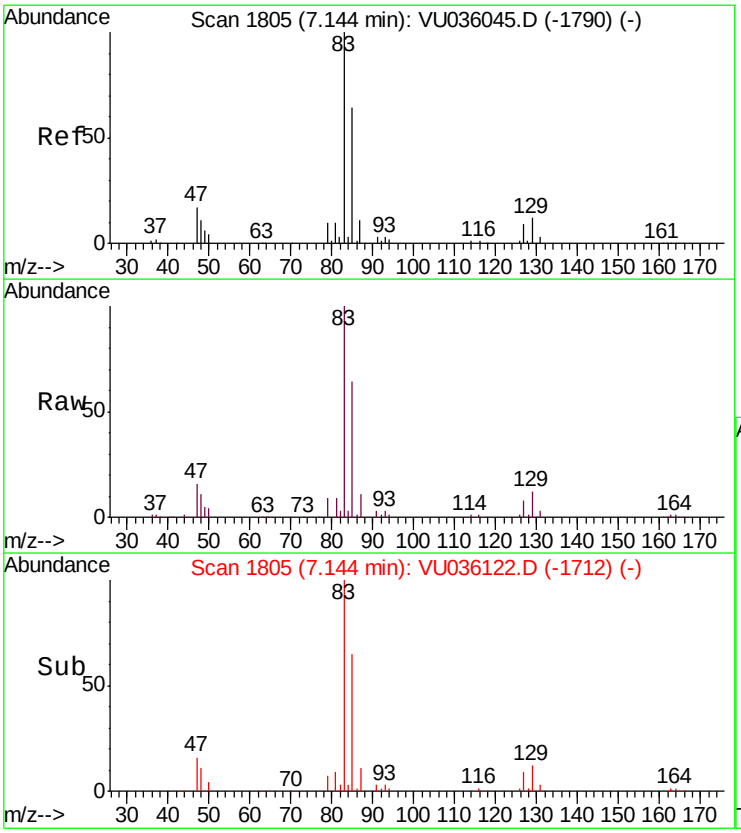
#37
1,2-Dichloropropane
Concen: 5.461 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 63 Resp: 130575

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.8	5.8

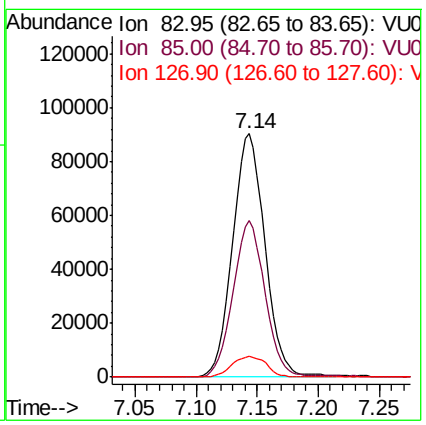


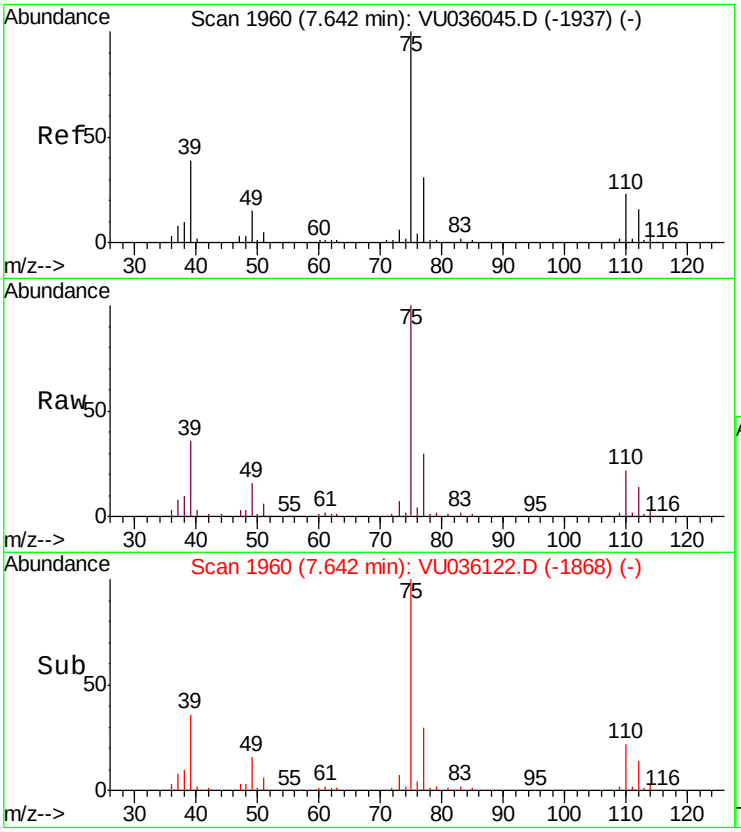


#38
Bromodichloromethane
Concen: 5.162 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 83 Resp: 165888

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.2	84.0
127	8.4	7.4	11.2



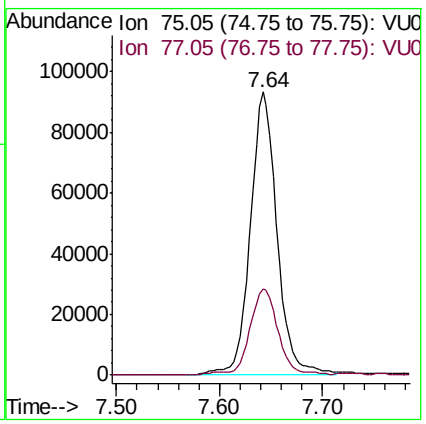


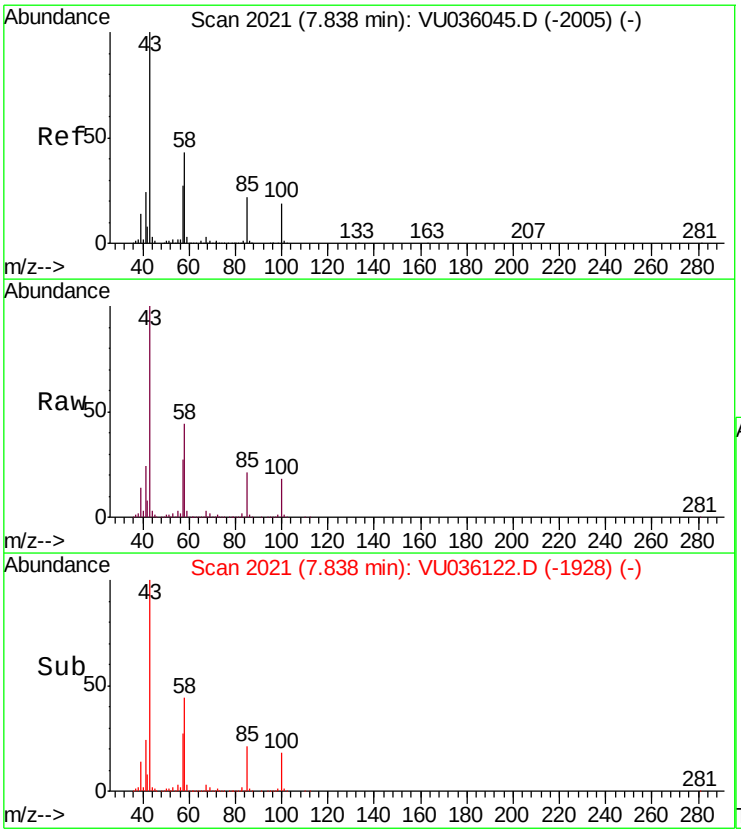
#39
cis-1,3-Dichloropropene
Concen: 5.153 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 75 Resp: 167456

Ion	Ratio	Lower	Upper
75	100		
77	30.4	21.7	40.3

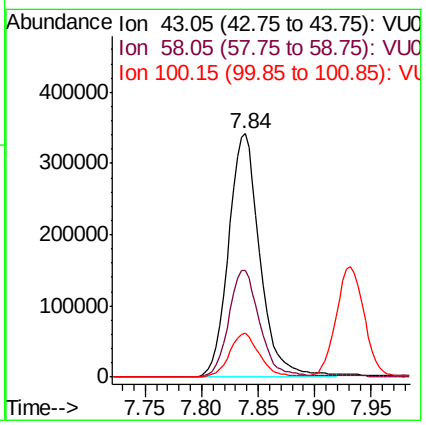


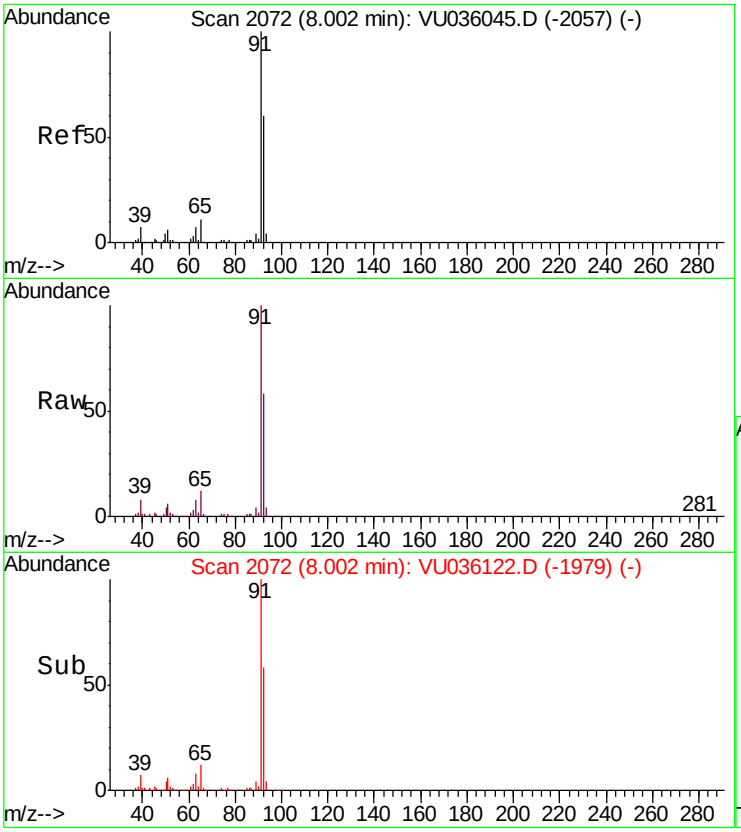


#40
4-Methyl-2-pentanone
Concen: 52.959 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 43 Resp: 661423

Ion	Ratio	Lower	Upper
43	100		
58	43.5	34.5	51.7
100	17.2	14.3	21.5



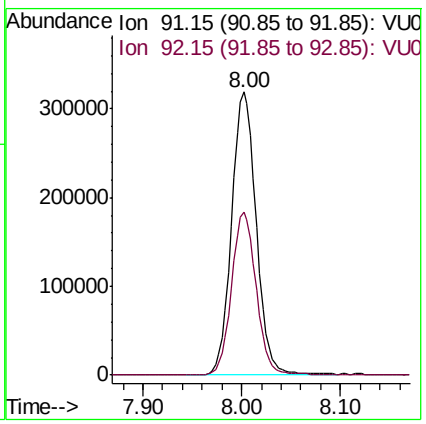


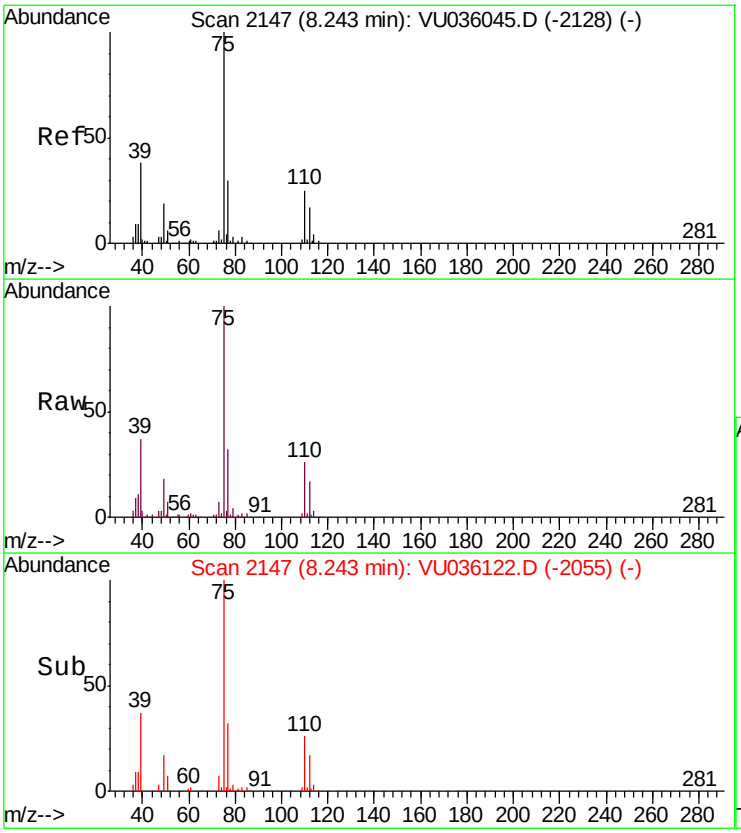
#42
Toluene
Concen: 5.435 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 91 Resp: 555616

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.0	74.4

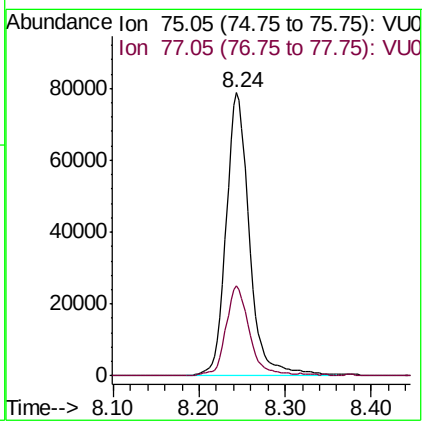


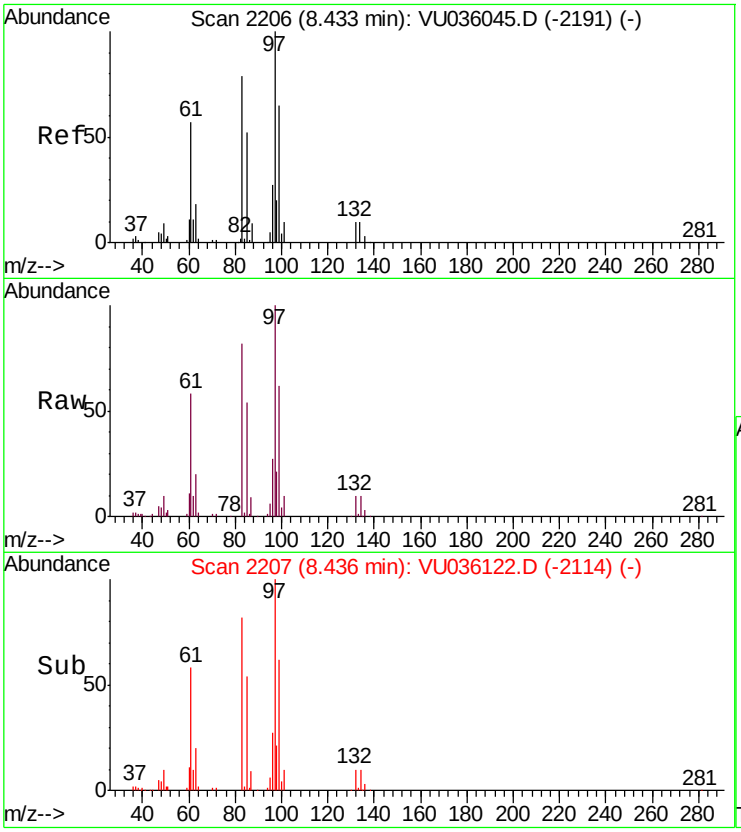


#44
trans-1,3-Dichloropropene
Concen: 5.280 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 75 Resp: 148326

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.9	42.5



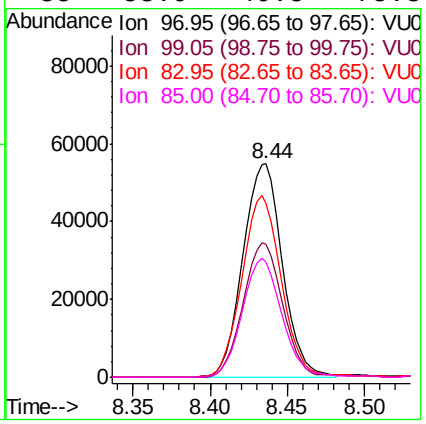


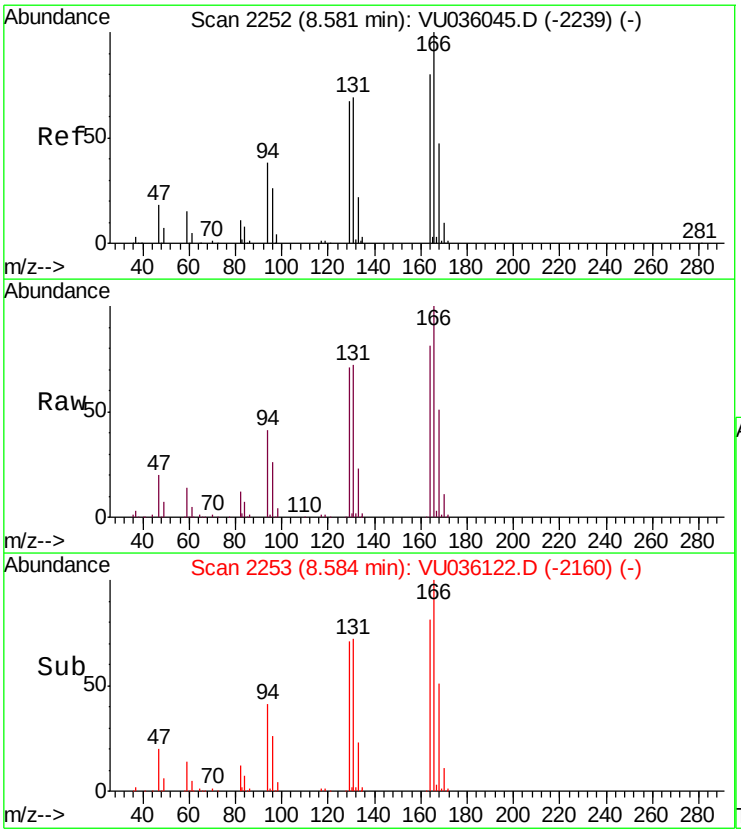
#45
1,1,2-Trichloroethane
Concen: 5.184 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 97 Resp: 97589

Ion	Ratio	Lower	Upper
97	100		
99	62.1	46.1	85.7
83	81.6	59.6	110.8
85	53.9	40.5	75.3

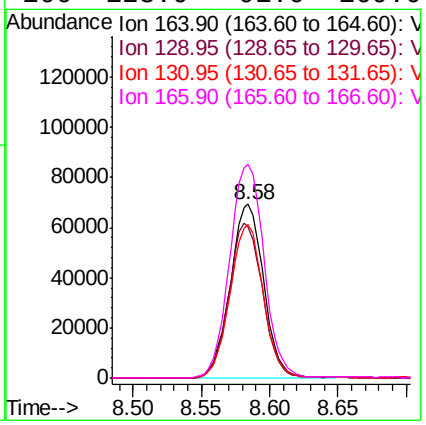


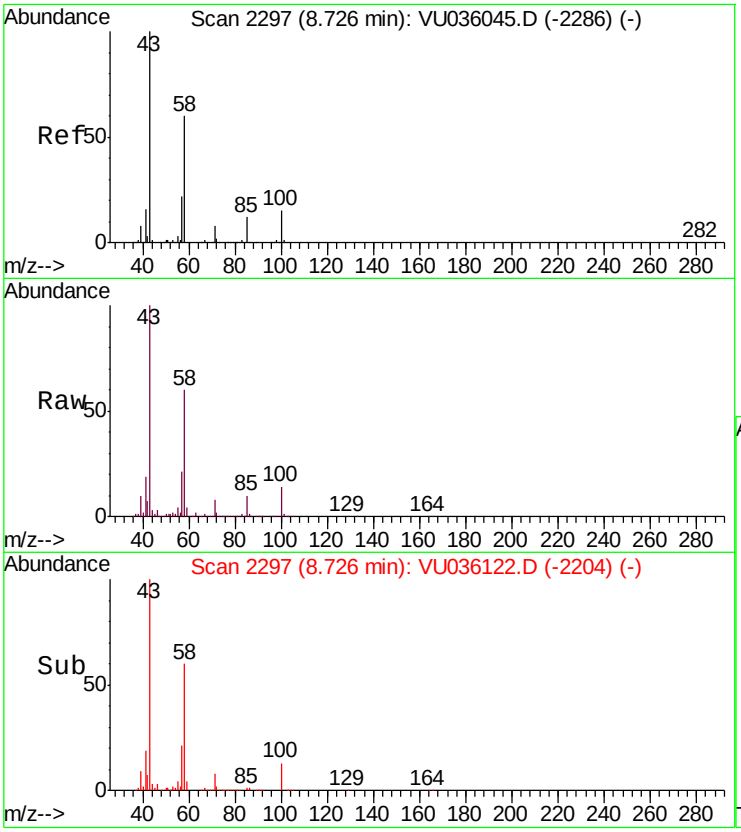


#47
Tetrachloroethene
Concen: 4.901 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:164 Resp: 117919

Ion	Ratio	Lower	Upper
164	100		
129	87.0	63.1	117.3
131	88.6	61.5	114.1
166	123.0	91.0	169.0



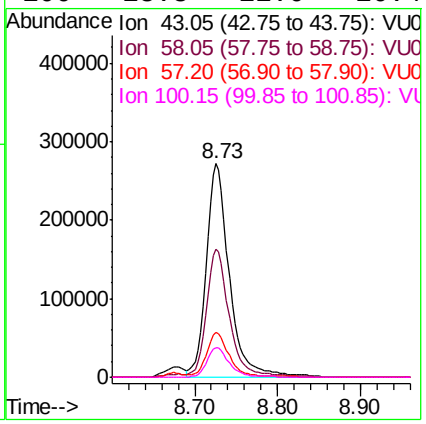


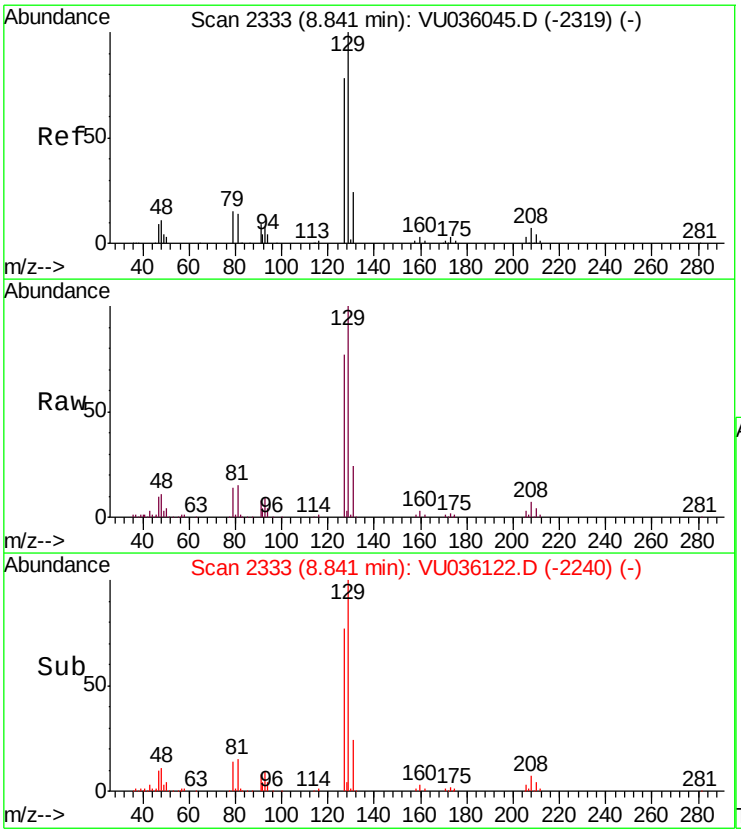
#48
2-Hexanone
Concen: 59.208 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 43 Resp: 530479

Ion	Ratio	Lower	Upper
43	100		
58	60.2	46.9	70.3
57	20.2	16.4	24.6
100	13.3	11.0	16.4

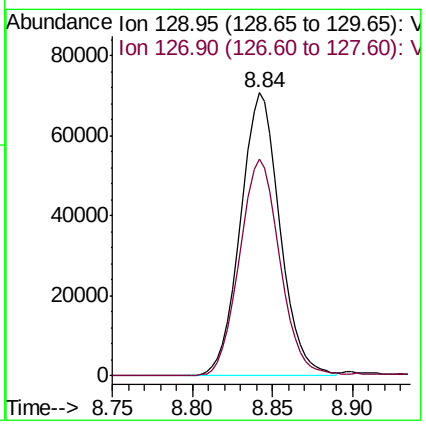


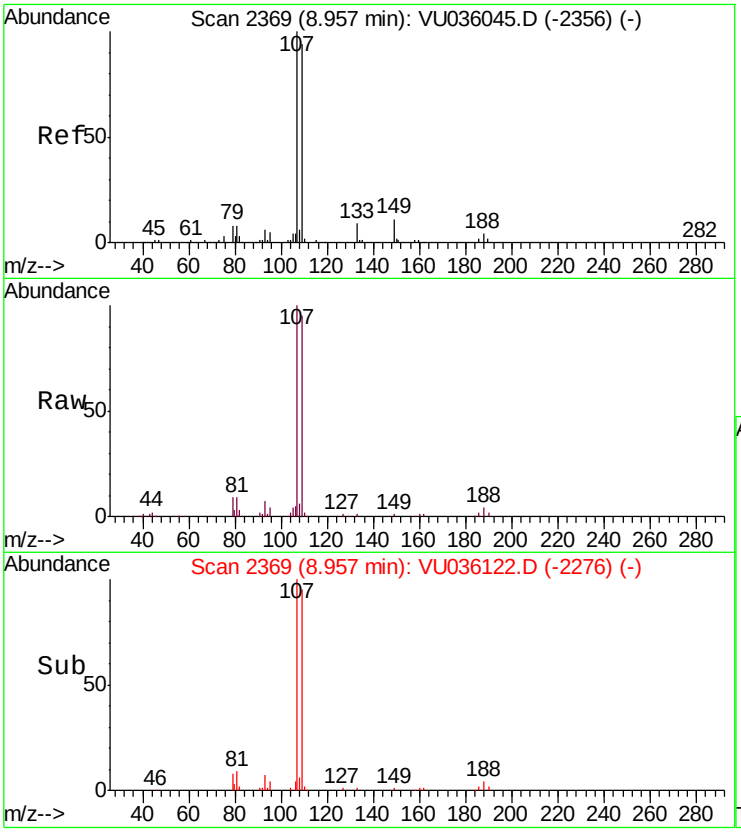


#49
Dibromochloromethane
Concen: 4.753 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:129 Resp: 118764

Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.5	97.5



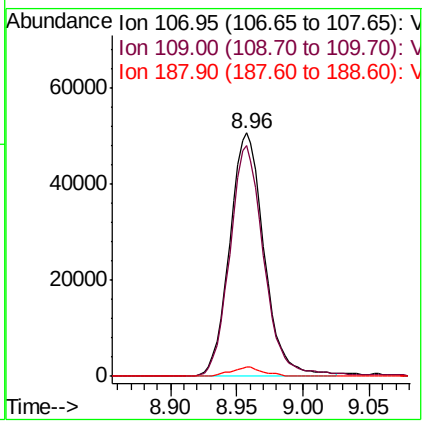


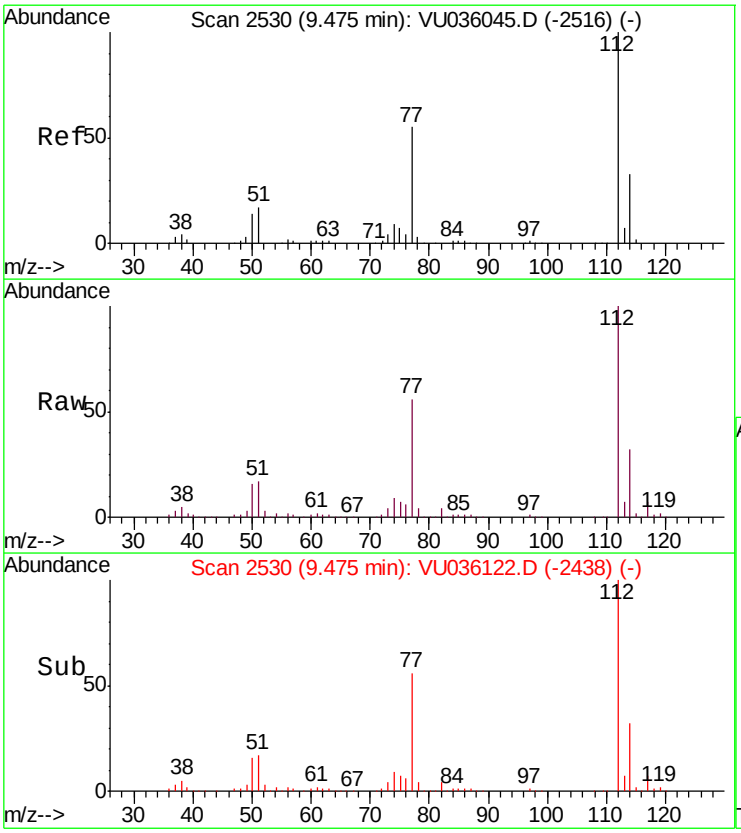
#50
1,2-Dibromoethane
Concen: 5.041 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion:107 Resp: 91760

Ion	Ratio	Lower	Upper
107	100		
109	94.8	64.3	119.3
188	3.9	3.6	5.4

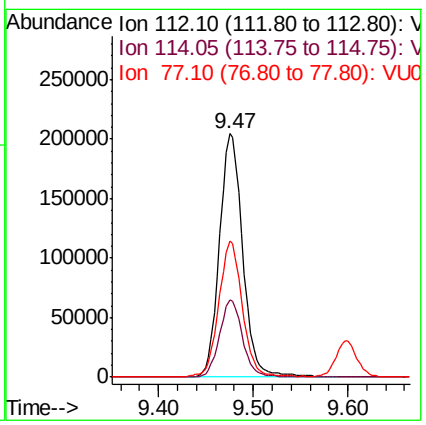


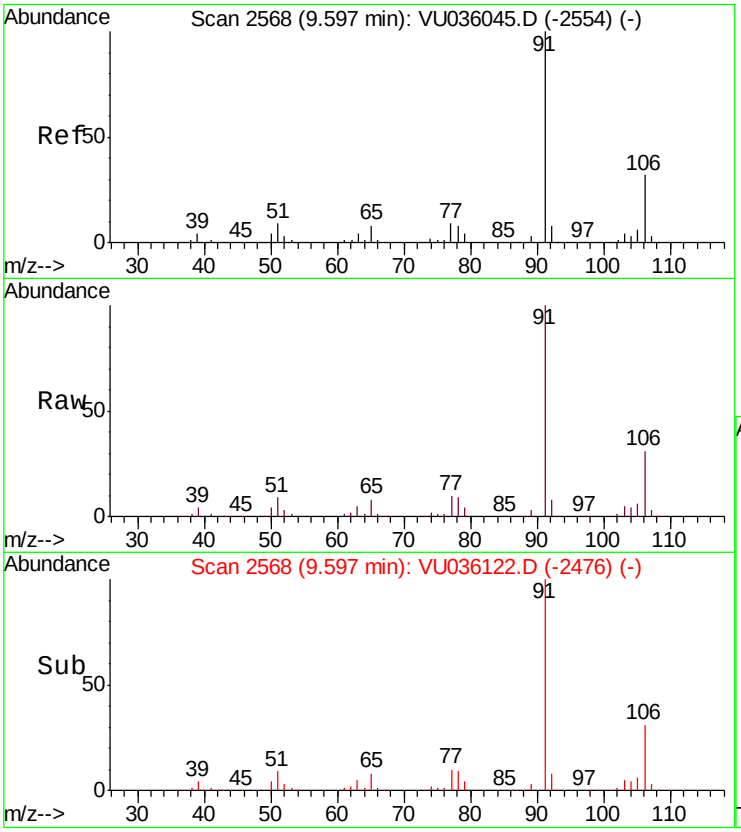


#51
Chlorobenzene
Concen: 4.909 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:112 Resp: 349783

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.5
77	55.7	43.8	65.8



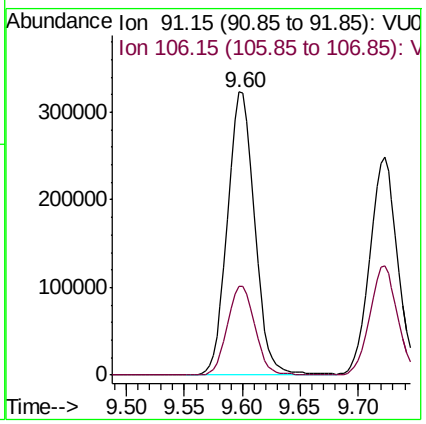


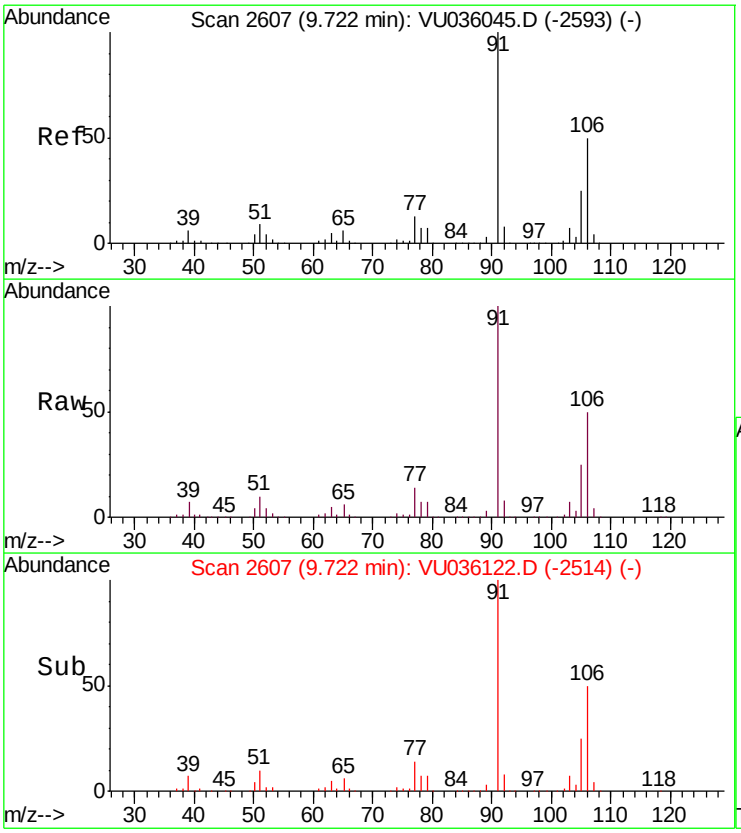
#52
Ethylbenzene
Concen: 4.901 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument : MSVOA_U
ClientSampleId : BFB

Tgt Ion: 91 Resp: 524868

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.0	41.0

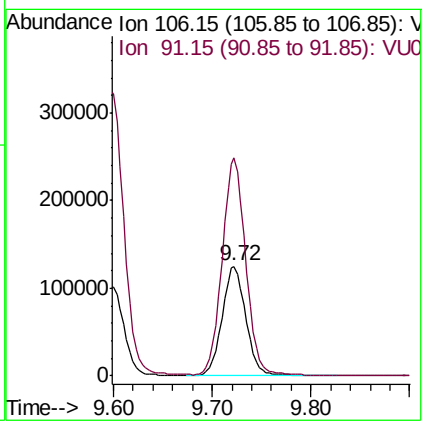


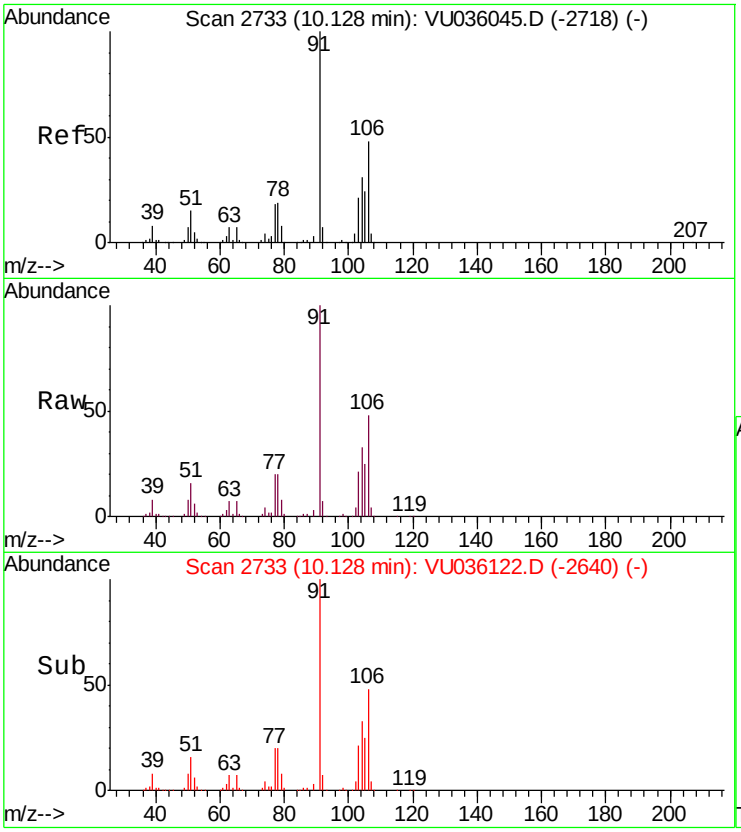


#53
m,p-Xylene
Concen: 4.983 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:106 Resp: 212511

Ion	Ratio	Lower	Upper
106	100		
91	199.0	136.9	254.3



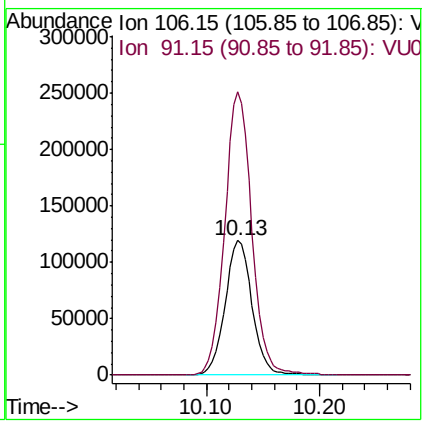


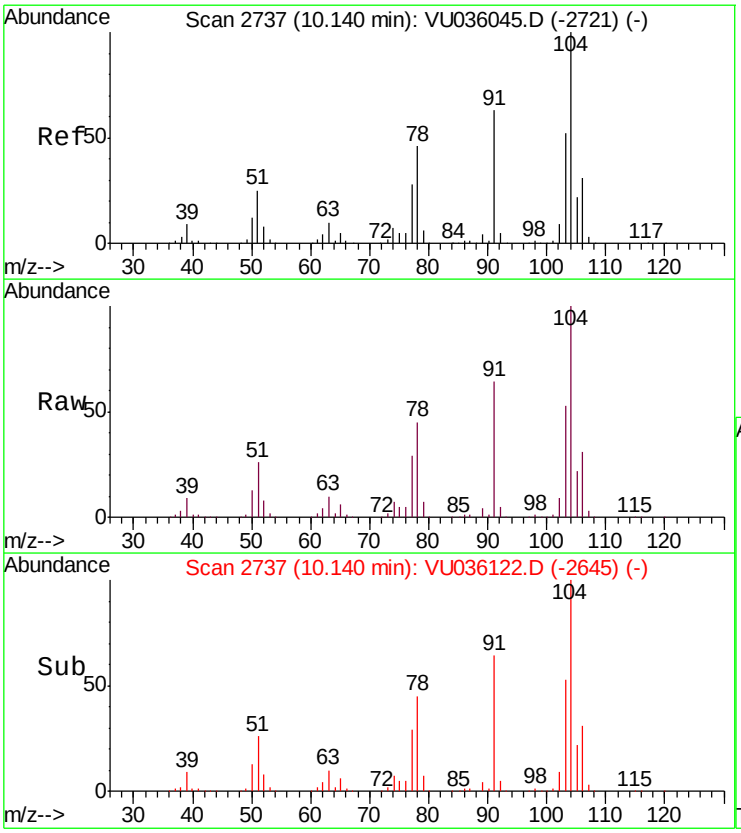
#54
o-Xylene
Concen: 4.943 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:106 Resp: 197981

Ion	Ratio	Lower	Upper
106	100		
91	210.3	140.6	261.2

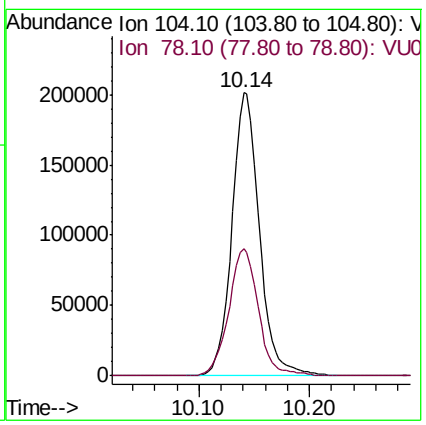


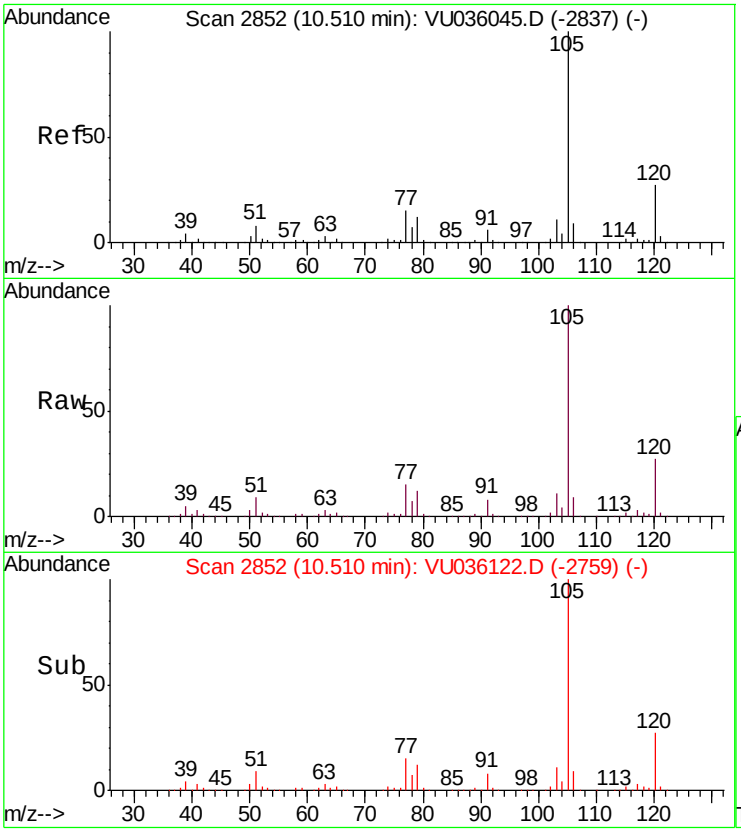


#55
Styrene
Concen: 5.057 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:104 Resp: 347289

Ion	Ratio	Lower	Upper
104	100		
78	45.2	30.5	56.7



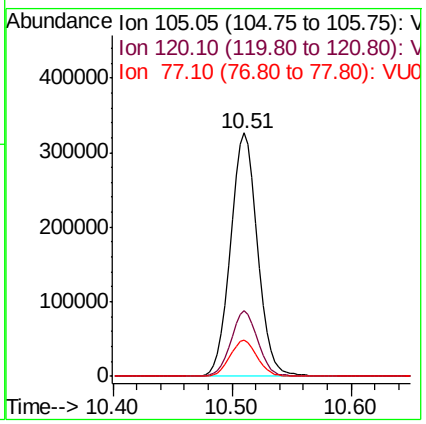


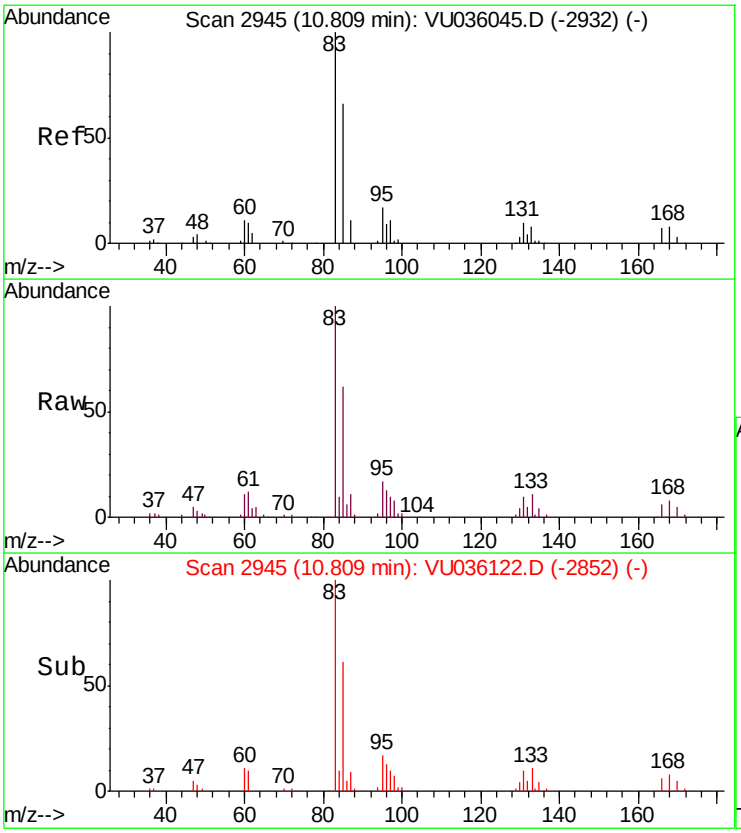
#56
Isopropylbenzene
Concen: 4.840 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:105 Resp: 511414

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.2
77	15.1	12.3	18.5

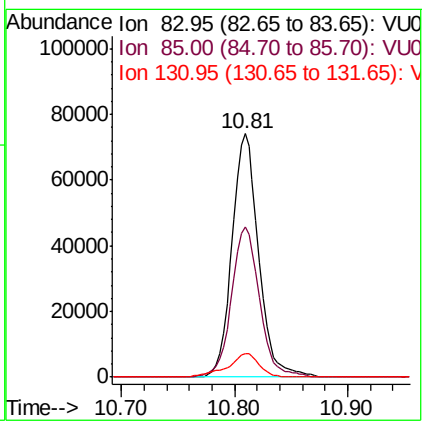


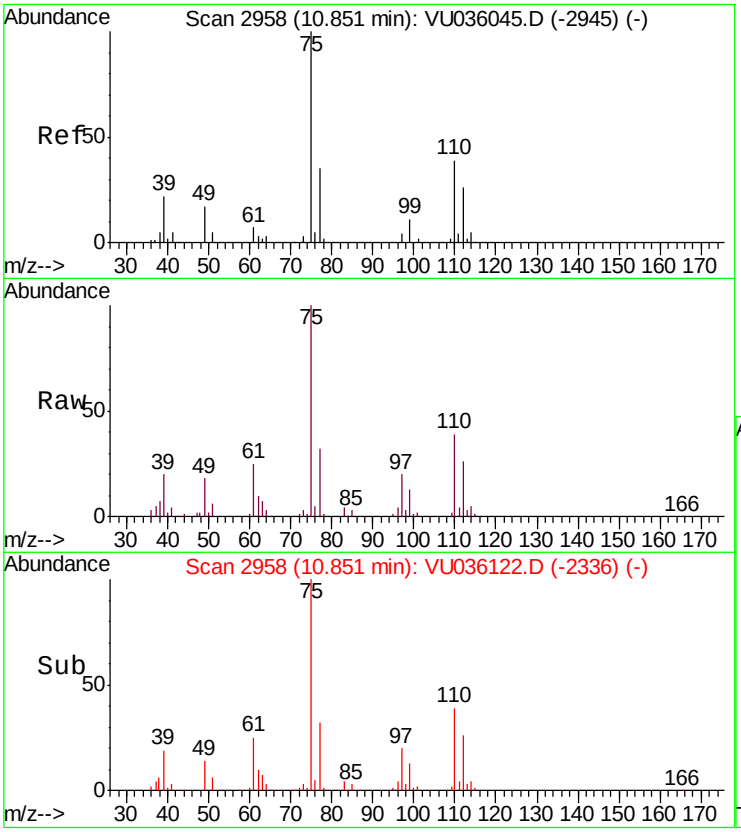


#58
1,1,2,2-Tetrachloroethane
Concen: 4.879 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 83 Resp: 121429

Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.4	84.2
131	9.9	9.0	13.4



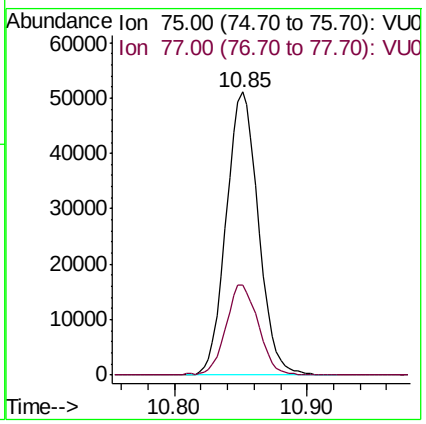


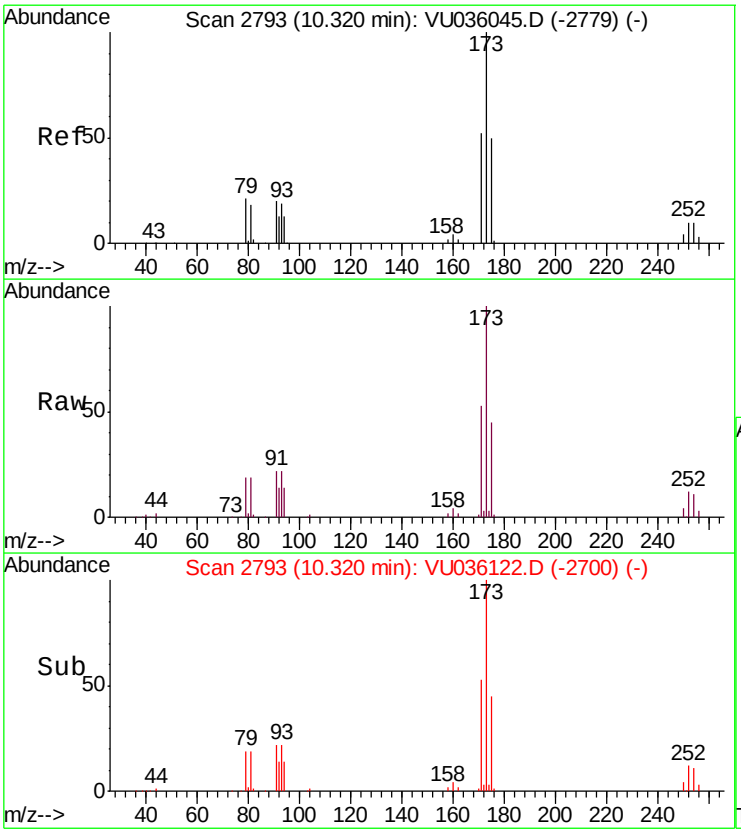
#59
1,2,3-Trichloropropane
Concen: 5.033 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 86030

Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.7	40.1

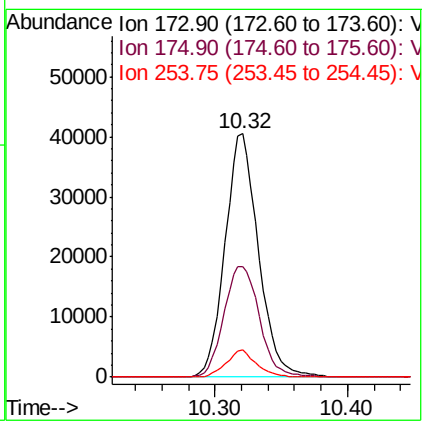


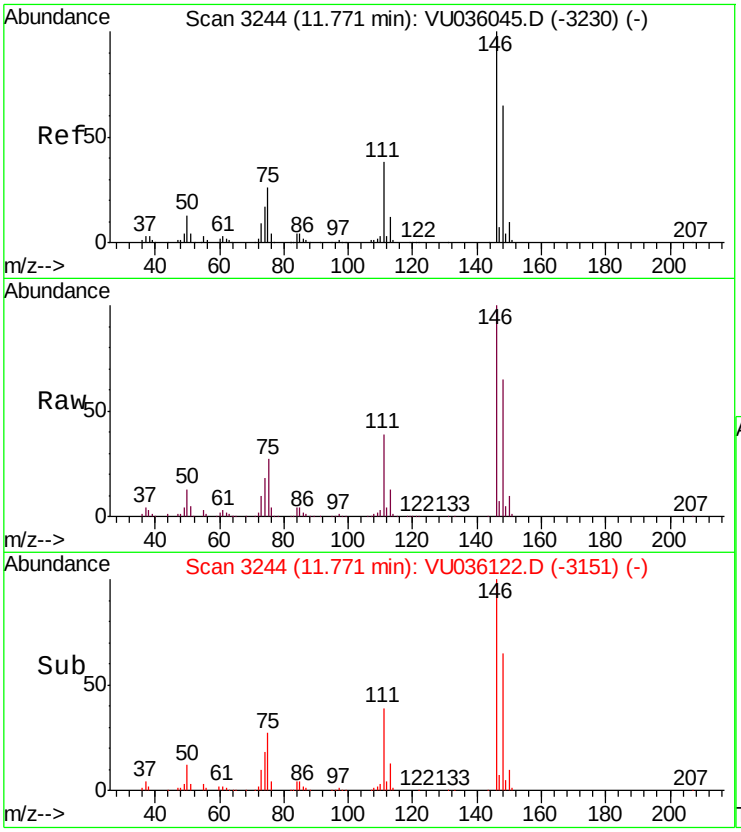


#61
Bromoform
Concen: 4.067 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:173 Resp: 70719

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.4	59.0
254	10.0	8.1	12.1



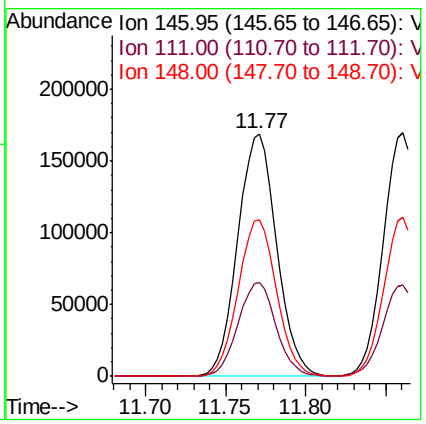


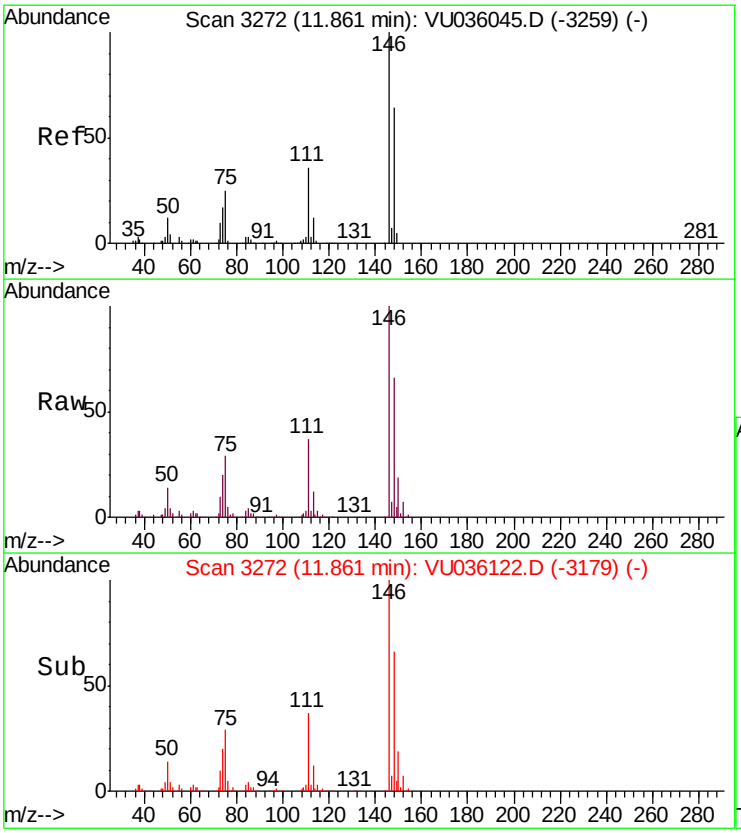
#62
1,3-Dichlorobenzene
Concen: 4.910 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:146 Resp: 280643

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.0	48.2
148	64.5	43.7	81.1

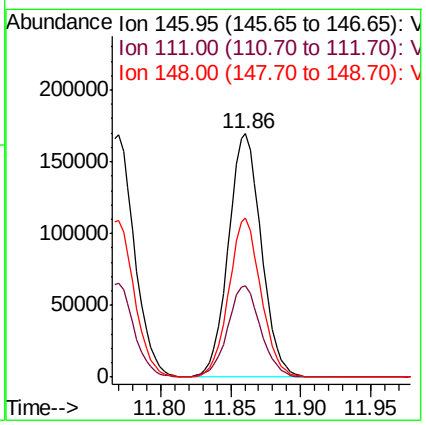


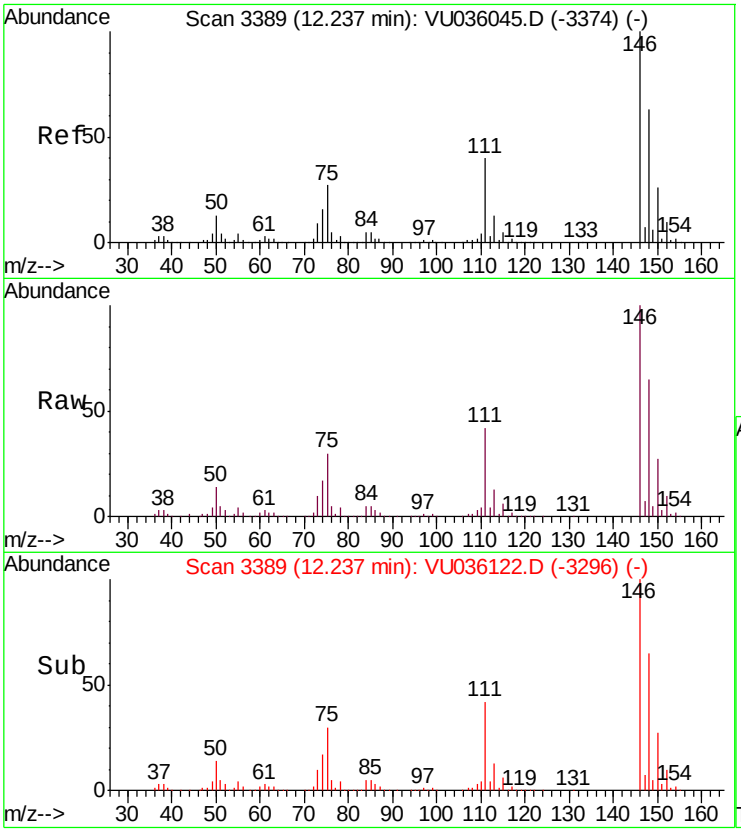


#63
1,4-Dichlorobenzene
Concen: 4.912 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:146 Resp: 276586

Ion	Ratio	Lower	Upper
146	100		
111	37.3	26.2	48.6
148	65.5	44.9	83.5



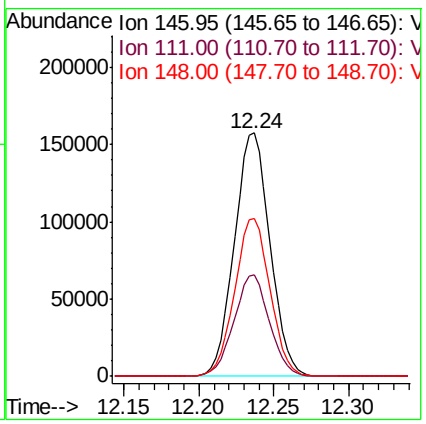


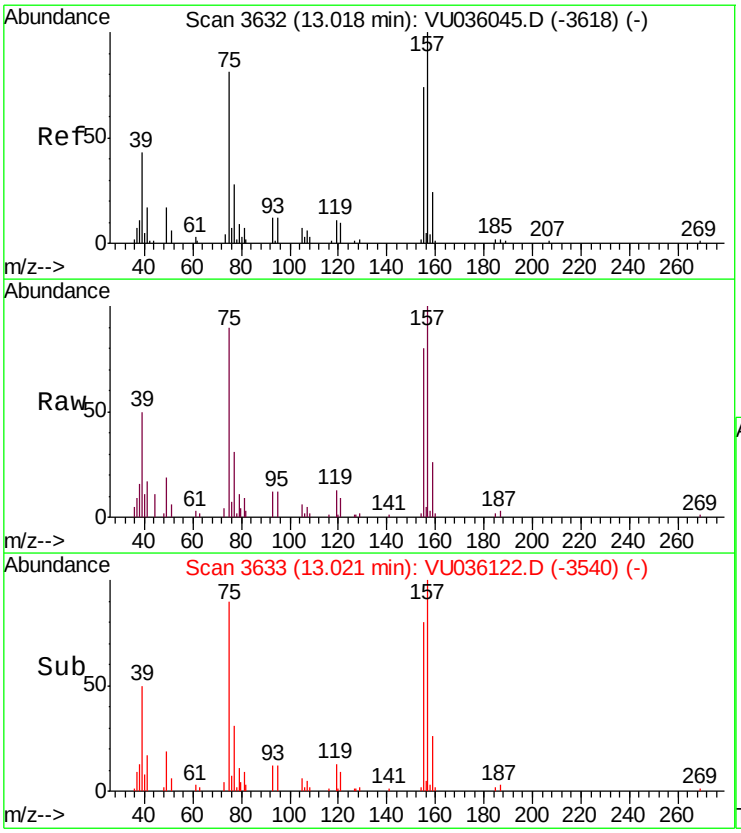
#65
1,2-Dichlorobenzene
Concen: 4.627 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:146 Resp: 261316

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.3	46.9
148	65.1	50.5	75.7

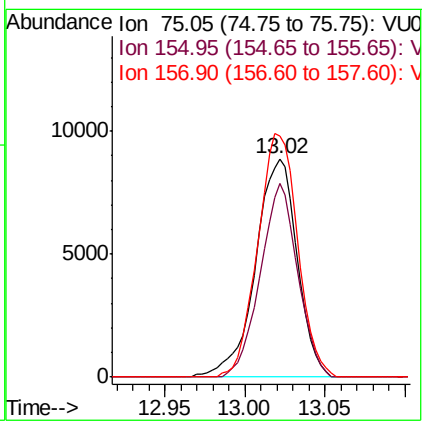


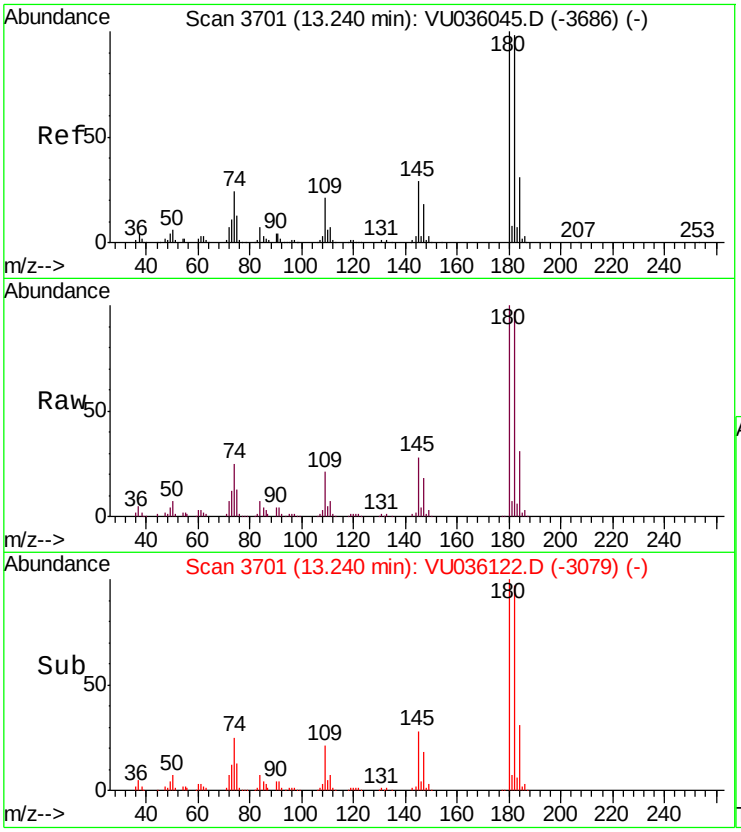


#66
1,2-Dibromo-3-chloropropane
Concen: 4.494 ug/L
RT: 13.02 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion: 75 Resp: 15944

Ion	Ratio	Lower	Upper
75	100		
155	88.7	70.0	105.0
157	110.6	90.5	135.7



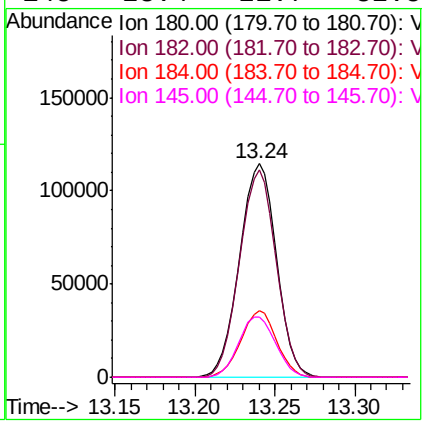


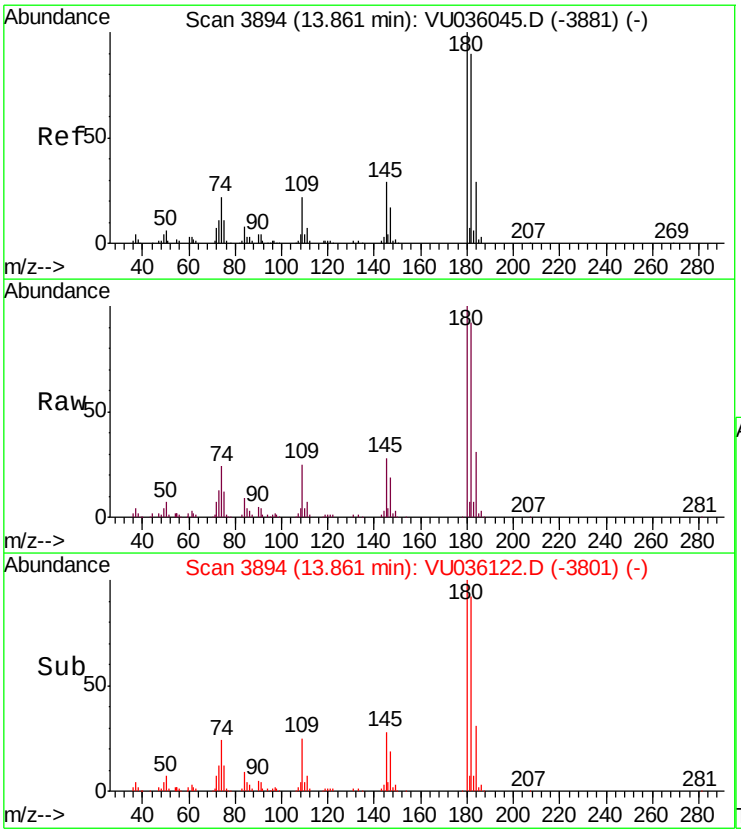
#67
1,3,5-Trichlorobenzene
Concen: 4.640 ug/L
RT: 13.24 min Scan# 3701
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:180 Resp: 179673

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.2	112.8
184	30.3	24.2	36.2
145	28.4	21.7	32.5

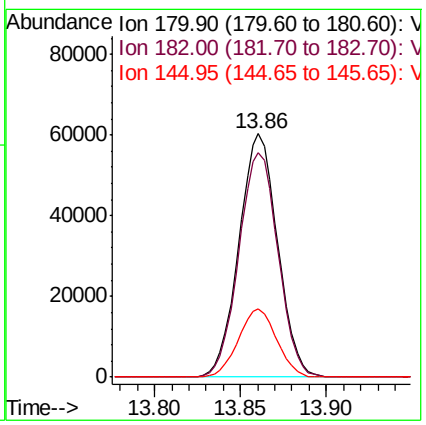


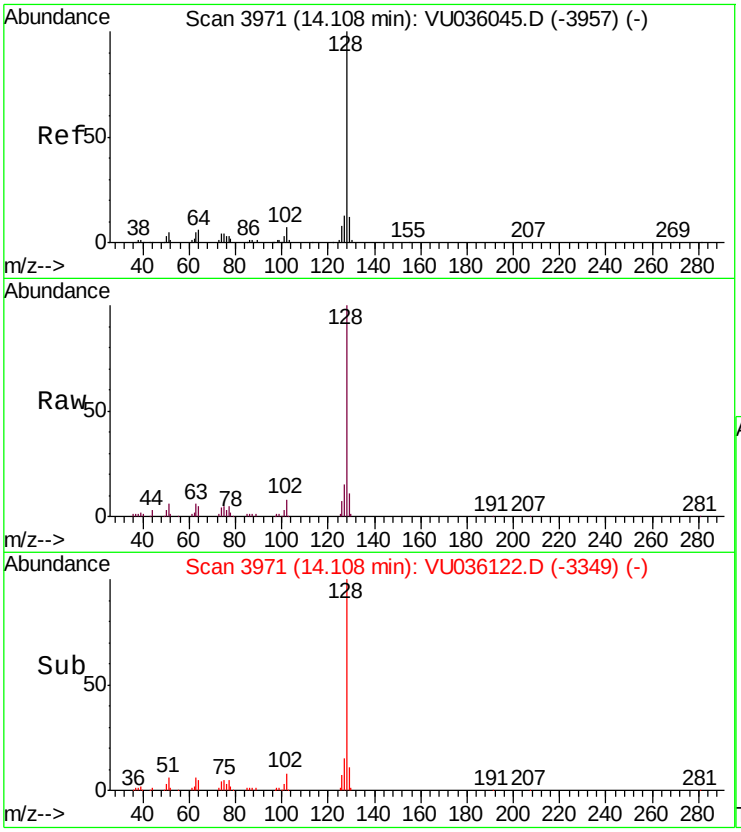


#68
1,2,4-trichlorobenzene
Concen: 4.554 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:180 Resp: 93653

Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.3	111.5
145	27.7	22.1	33.1



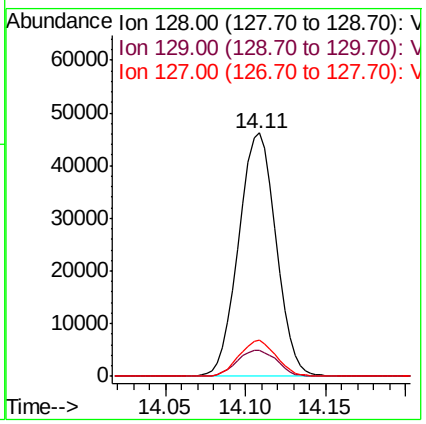


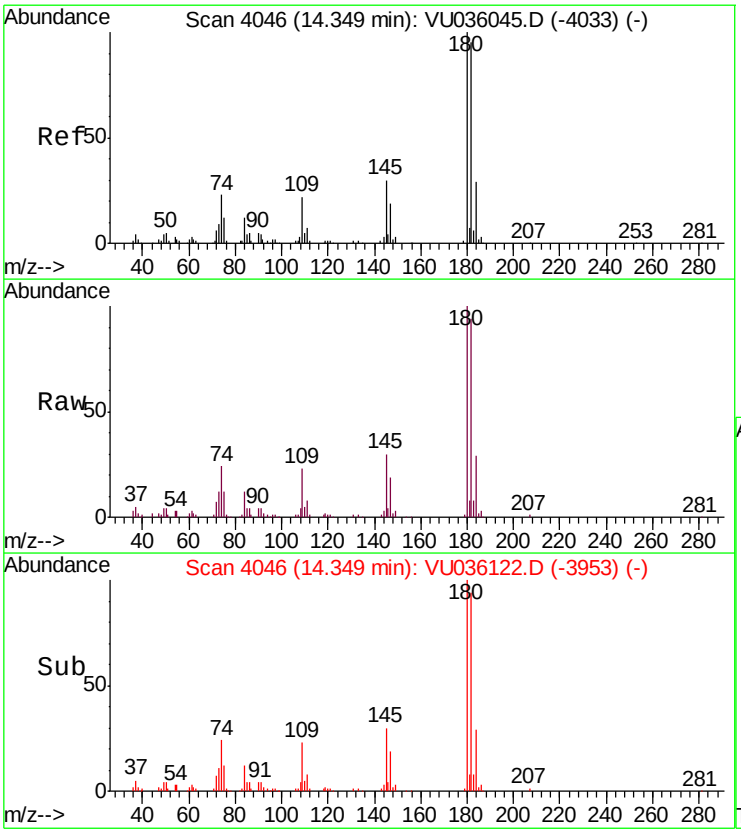
#69
Naphthalene
Concen: 3.716 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:128 Resp: 73541

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	14.5	11.1	16.7





#70
1,2,3-Trichlorobenzene
Concen: 4.503 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036122.D
Acq: 11 Dec 2019 10:02

Tgt Ion:180 Resp: 88788

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.9	115.3
145	30.0	23.5	35.3