Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU036011.D
Acq On : 05 Dec 2019 22:18
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Dec 06 01:04:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	307607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	146962	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	121989	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.93	69	112771	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.60	63	194032	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%			
20) 2-Butanone-d5	4.69	46	202848	32.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 65.34%			
24) Chloroform-d	5.11	84	205533	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.75	65	110490	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.77	84	426201	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.73	67	129501	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.20%			
41) Toluene-d8	7.93	98	399786	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	8.21	79	50789	4.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%			
46) 2-Hexanone-d5	8.67	63	215707	44.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.22%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112698	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	136070	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	148909	4.675	ug/L	99
3) Chloromethane	1.54	50	142324	3.912	ug/L	98
5) Vinyl chloride	1.62	62	154990	4.218	ug/L	89
6) Bromomethane	1.87	94	63878	3.032	ug/L	97
8) Chloroethane	1.95	64	93719	4.113	ug/L	98
9) Trichlorofluoromethane	2.16	101	205257	4.757	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	111951	4.735	ug/L	92
12) 1,1-Dichloroethene	2.61	96	103272	4.685	ug/L	82
13) Acetone	2.66	43	161880	28.836	ug/L	98
14) Carbon disulfide	2.83	76	340533	4.410	ug/L	98
15) Methyl Acetate	2.99	43	40364	4.012	ug/L	95
16) Methylene chloride	3.08	84	126715	3.711	ug/L	95
17) Methyl tert-butyl Ether	3.42	73	222604	4.310	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	109698	4.699	ug/L	93
19) 1,1-Dichloroethane	3.92	63	207127	4.539	ug/L	98
21) 2-Butanone	4.76	43	253856	35.225	ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	117742	4.774	ug/L	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

Quantitation Report (Not Reviewed)

Data File : VU036011.D
Acq On : 05 Dec 2019 22:18
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Dec 06 01:04:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	56789	5.030	ug/L		90
25) Chloroform	5.14	83	226871	4.927	ug/L		98
27) 1,2-Dichloroethane	5.84	62	132157	4.491	ug/L		100
29) 1,1,1-Trichloroethane	5.36	97	180074	4.638	ug/L		97
30) Cyclohexane	5.44	56	158024	4.121	ug/L		95
31) Carbon tetrachloride	5.57	117	165729	4.815	ug/L		98
33) Benzene	5.82	78	473222	4.688	ug/L		100
34) Trichloroethene	6.58	95	121866	4.774	ug/L		93
35) Methylcyclohexane	6.80	83	164511	4.298	ug/L		96
37) 1,2-Dichloropropane	6.83	63	117851	4.311	ug/L		100
38) Bromodichloromethane	7.14	83	151778	4.639	ug/L		100
39) cis-1,3-Dichloropropene	7.64	75	157446	4.341	ug/L		100
40) 4-Methyl-2-pentanone	7.83	43	624694	38.883	ug/L		99
42) Toluene	8.00	91	510451	4.841	ug/L		99
44) trans-1,3-Dichloropropene	8.24	75	129424	4.174	ug/L		97
45) 1,1,2-Trichloroethane	8.44	97	89545	4.812	ug/L		96
47) Tetrachloroethene	8.58	164	104794	5.051	ug/L		96
48) 2-Hexanone	8.73	43	469290	39.545	ug/L	#	96
49) Dibromochloromethane	8.84	129	112318	4.950	ug/L		99
50) 1,2-Dibromoethane	8.96	107	83071	4.600	ug/L		93
51) Chlorobenzene	9.48	112	323175	4.908	ug/L		96
52) Ethylbenzene	9.60	91	500254	4.693	ug/L		99
53) m,p-Xylene	9.72	106	199637	4.961	ug/L		98
54) o-Xylene	10.13	106	184968	4.899	ug/L		93
55) Styrene	10.14	104	319335	5.029	ug/L		98
56) Isopropylbenzene	10.51	105	476150	4.810	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.81	83	103262	4.135	ug/L		99
59) 1,2,3-Trichloropropane	10.85	75	78886	4.440	ug/L		99
61) Bromoform	10.32	173	64722	4.768	ug/L		100
62) 1,3-Dichlorobenzene	11.77	146	230475	4.715	ug/L		96
63) 1,4-Dichlorobenzene	11.86	146	223293	4.603	ug/L		96
65) 1,2-Dichlorobenzene	12.24	146	218668	4.681	ug/L		98
66) 1,2-Dibromo-3-chloropropan	13.02	75	13482	3.705	ug/L		96
67) 1,3,5-Trichlorobenzene	13.24	180	122115	3.660	ug/L		99
68) 1,2,4-trichlorobenzene	13.86	180	58318	3.262	ug/L		99
69) Naphthalene	14.11	128	56512	2.776	ug/L		97
70) 1,2,3-Trichlorobenzene	14.35	180	57791	3.264	ug/L		98

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

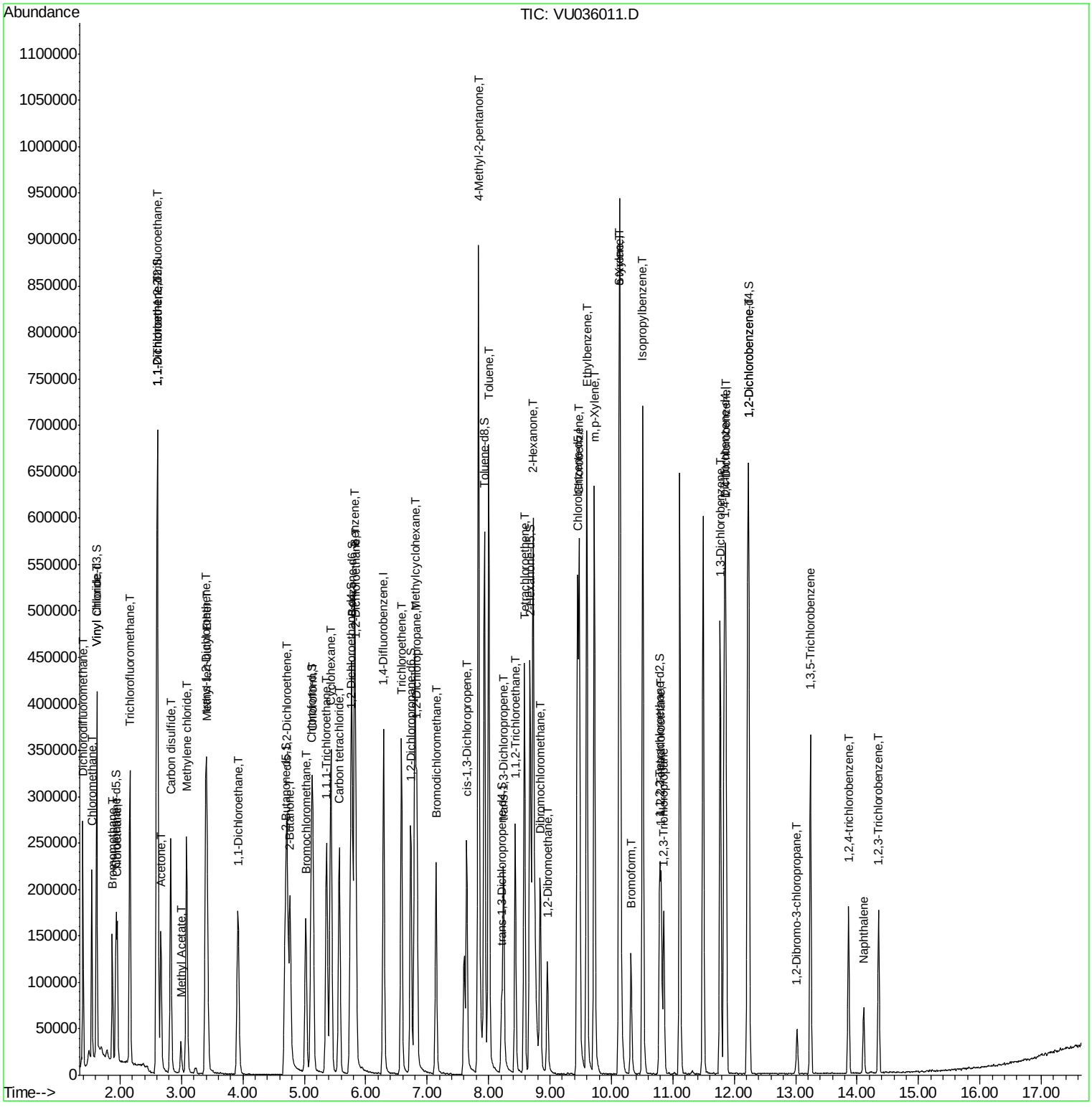
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\

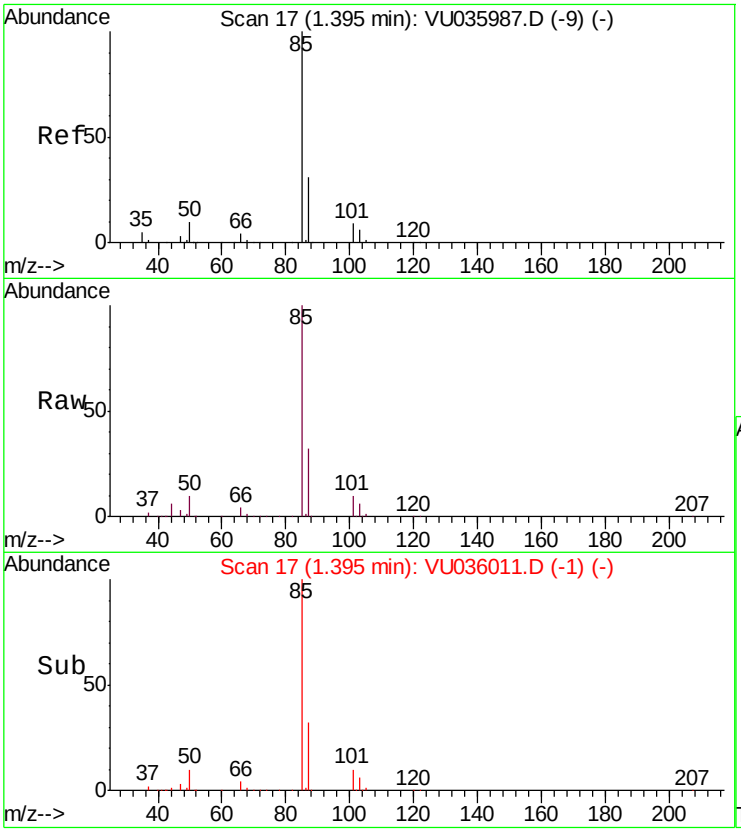
Quantitation Report (Not Reviewed)

Data File : VU036011.D
Acq On : 05 Dec 2019 22:18
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Quant Time: Dec 06 01:04:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration



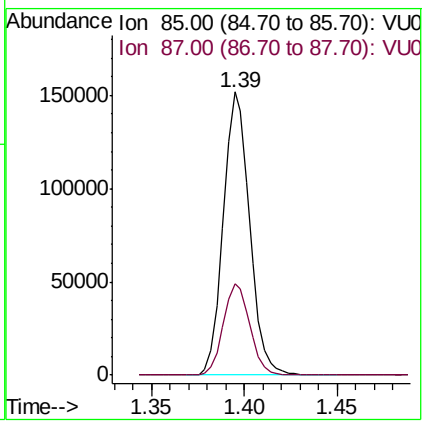


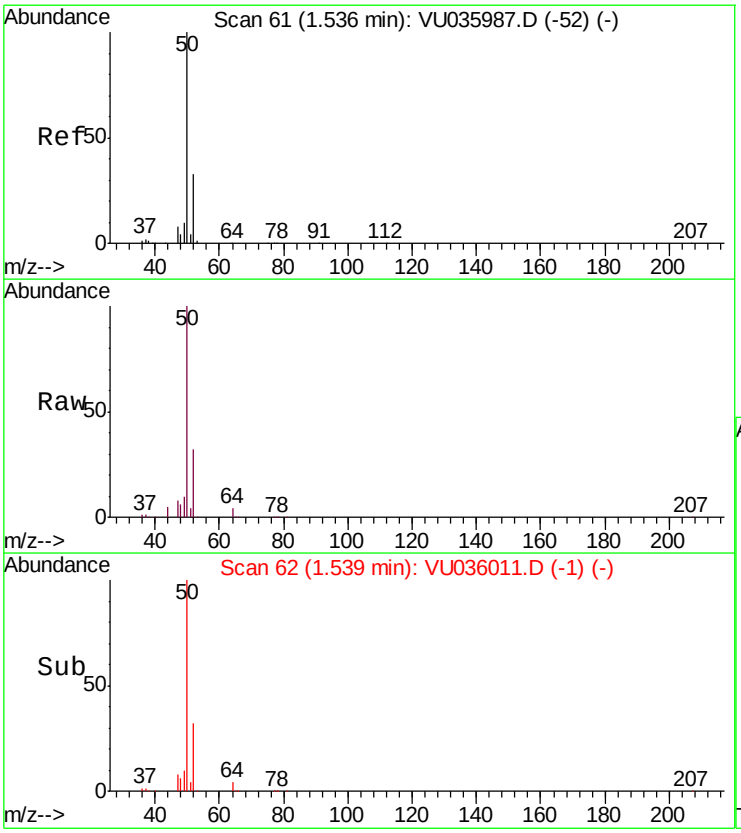
#2
Dichlorodifluoromethane
Concen: 4.675 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 85 Resp: 148909

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.4	38.2

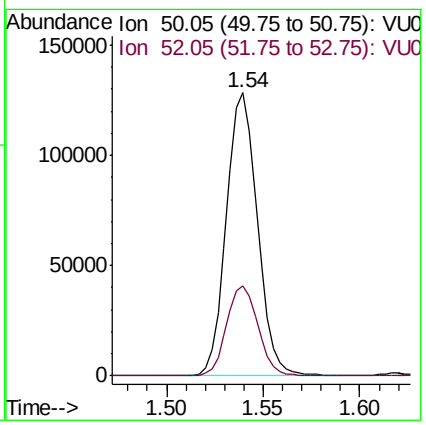


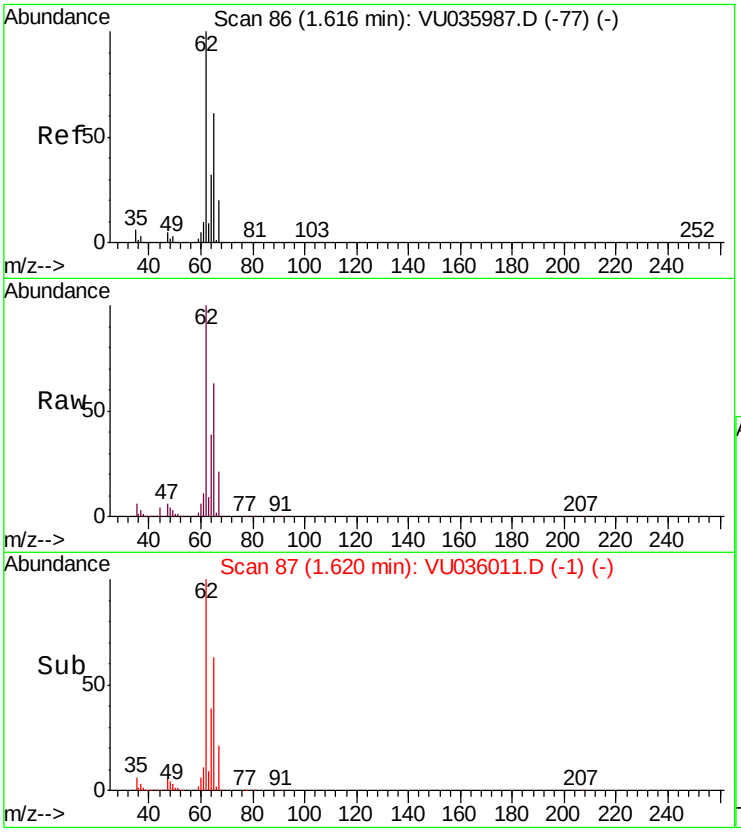


#3
Chloromethane
Concen: 3.912 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 50 Resp: 142324

Ion	Ratio	Lower	Upper
50	100		
52	31.7	23.1	42.9



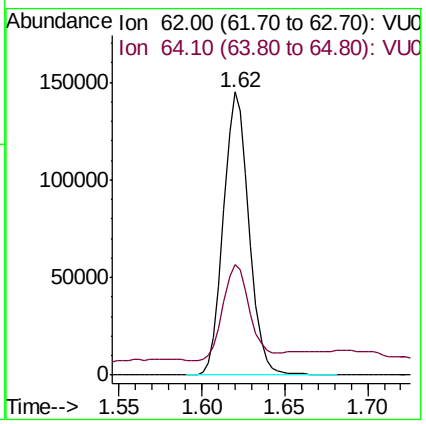


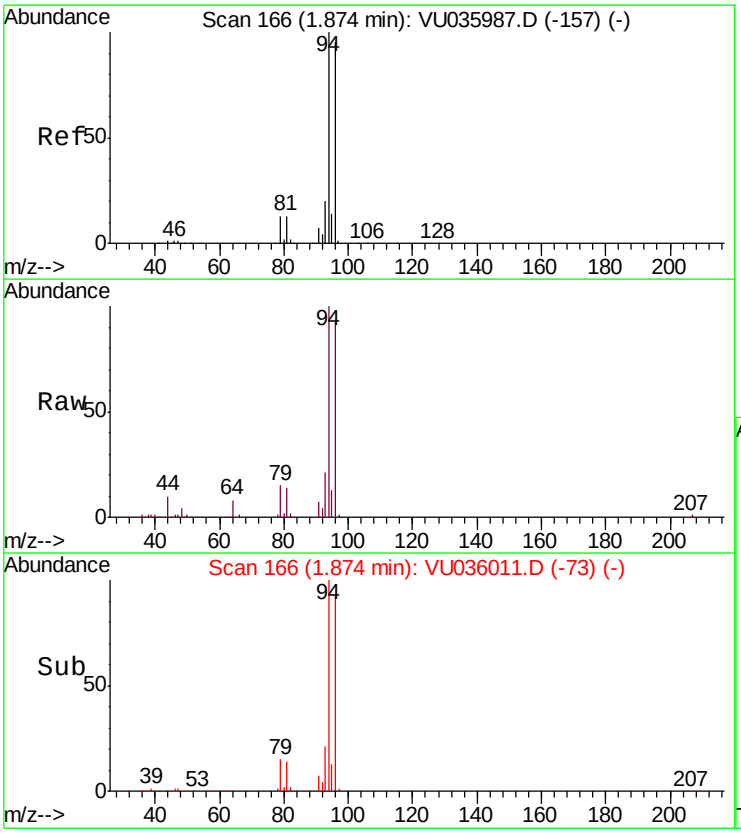
#5
Vinyl chloride
Concen: 4.218 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 62 Resp: 154990

Ion	Ratio	Lower	Upper
62	100		
64	39.2	23.0	42.6

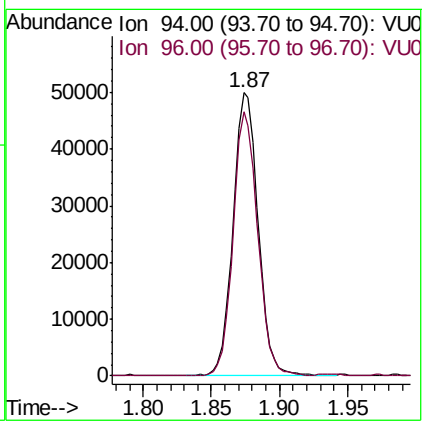


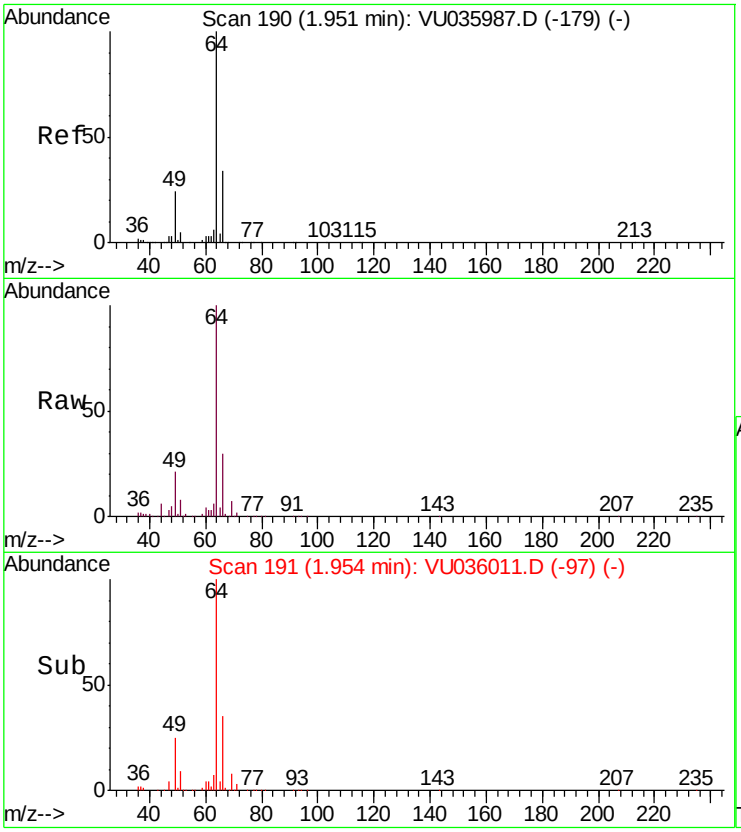


#6
Bromomethane
Concen: 3.032 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 94 Resp: 63878

Ion	Ratio	Lower	Upper
94	100		
96	93.2	67.3	124.9



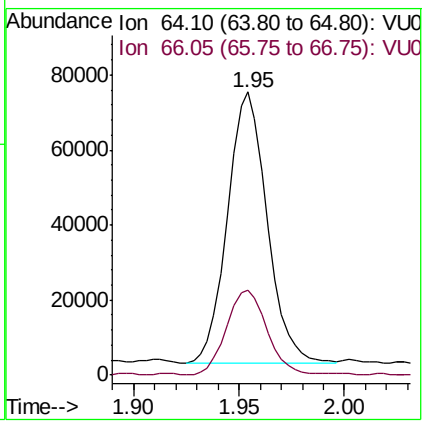


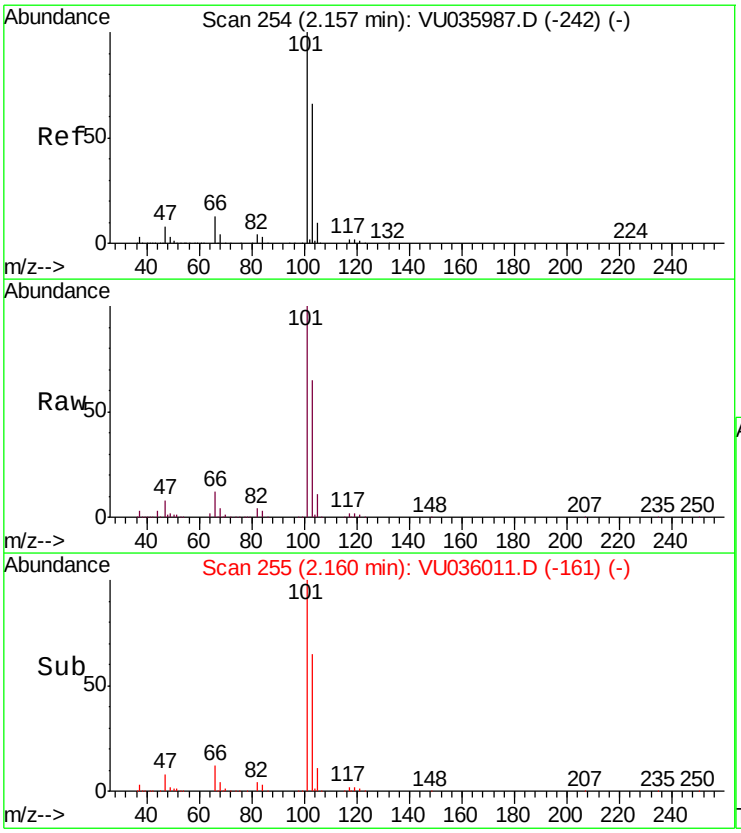
#8
Chloroethane
Concen: 4.113 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 64 Resp: 93719

Ion	Ratio	Lower	Upper
64	100		
66	30.2	22.0	40.8

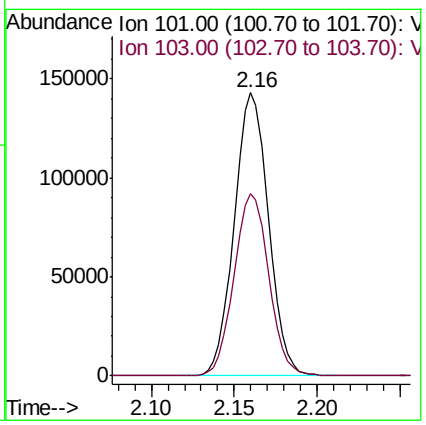


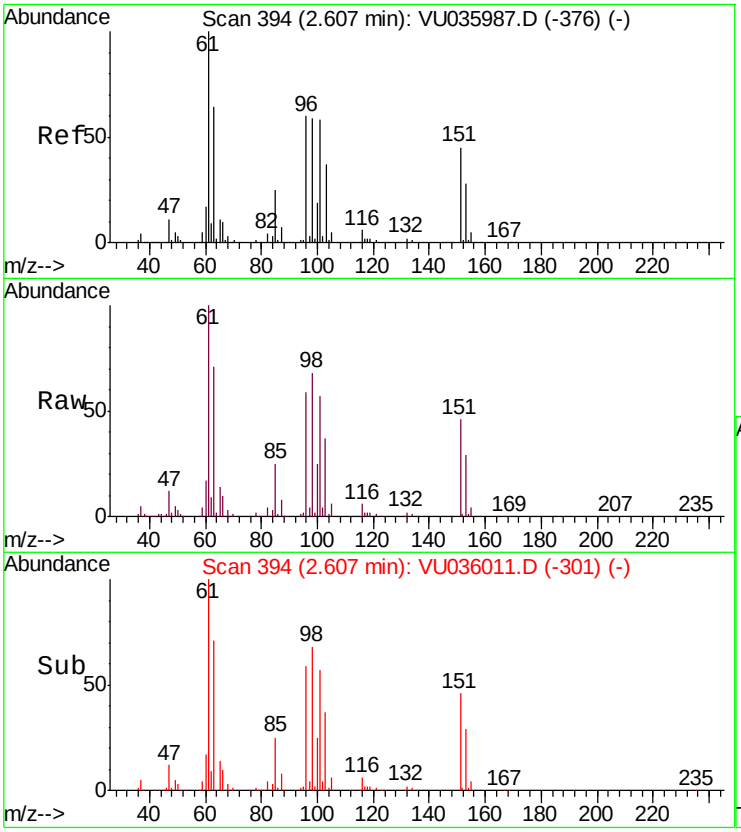


#9
Trichlorofluoromethane
Concen: 4.757 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:101 Resp: 205257

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8



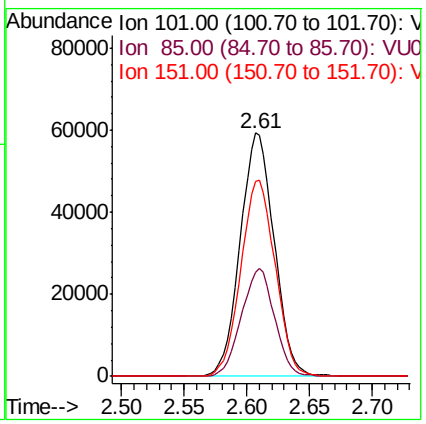


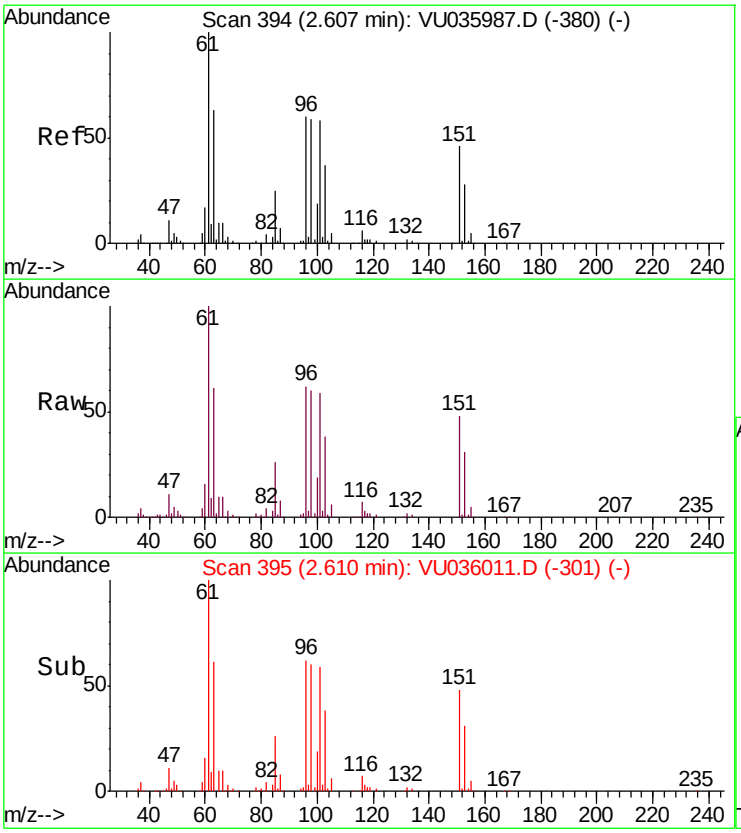
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.735 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:101 Resp: 111951

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.5	53.3
151	81.5	57.5	86.3

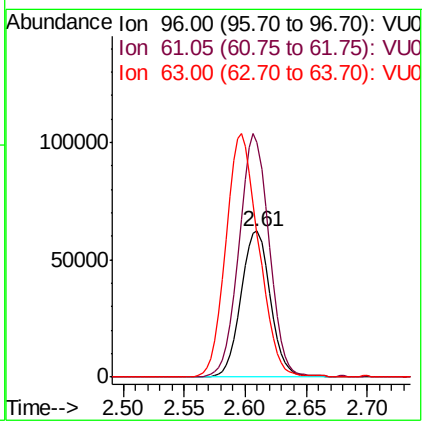


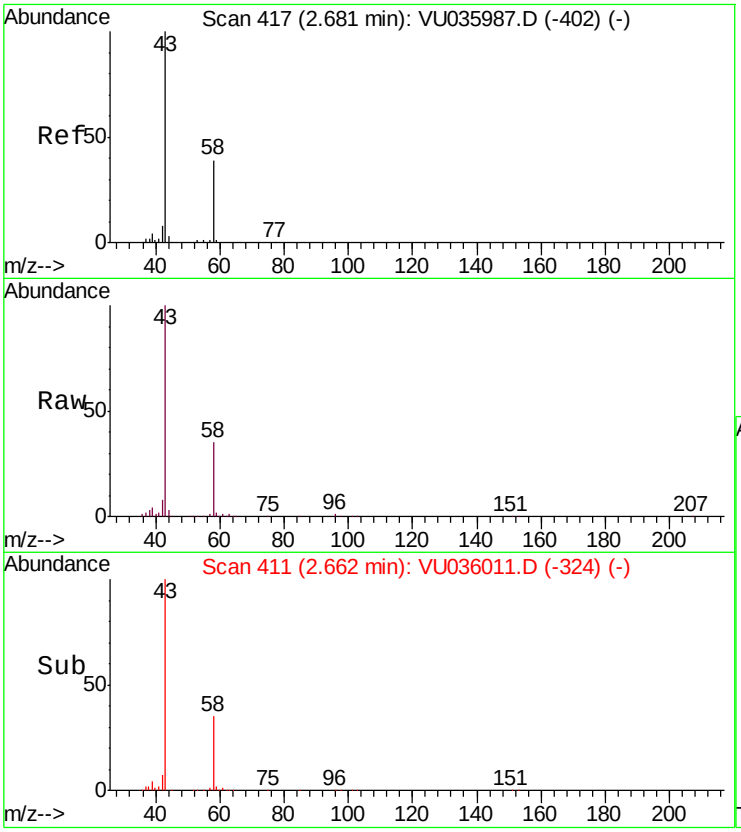


#12
1,1-Dichloroethene
Concen: 4.685 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 96 Resp: 103272

Ion	Ratio	Lower	Upper
96	100		
61	160.8	127.1	236.1
63	97.6	86.0	159.8



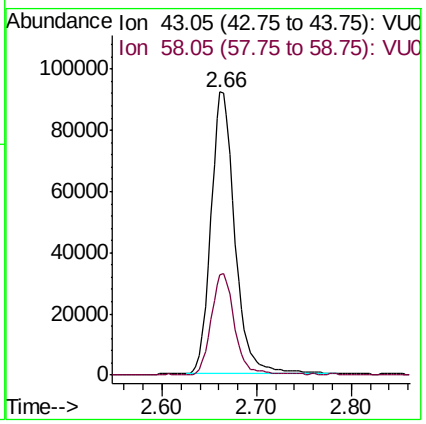


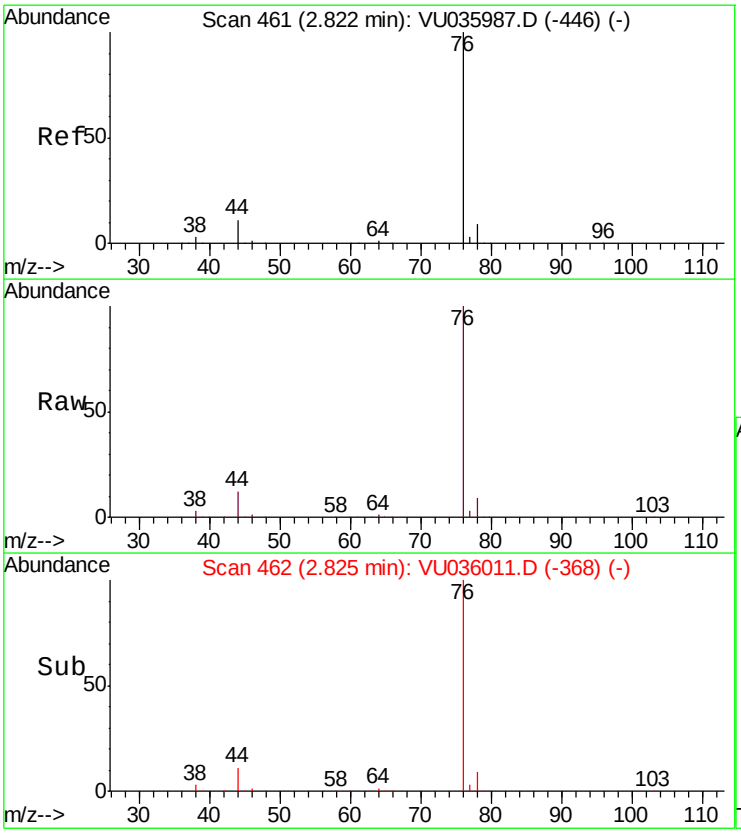
#13
Acetone
Concen: 28.836 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.02 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 43 Resp: 161880

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	68.6

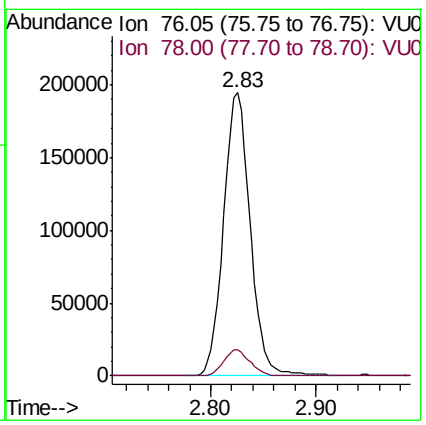


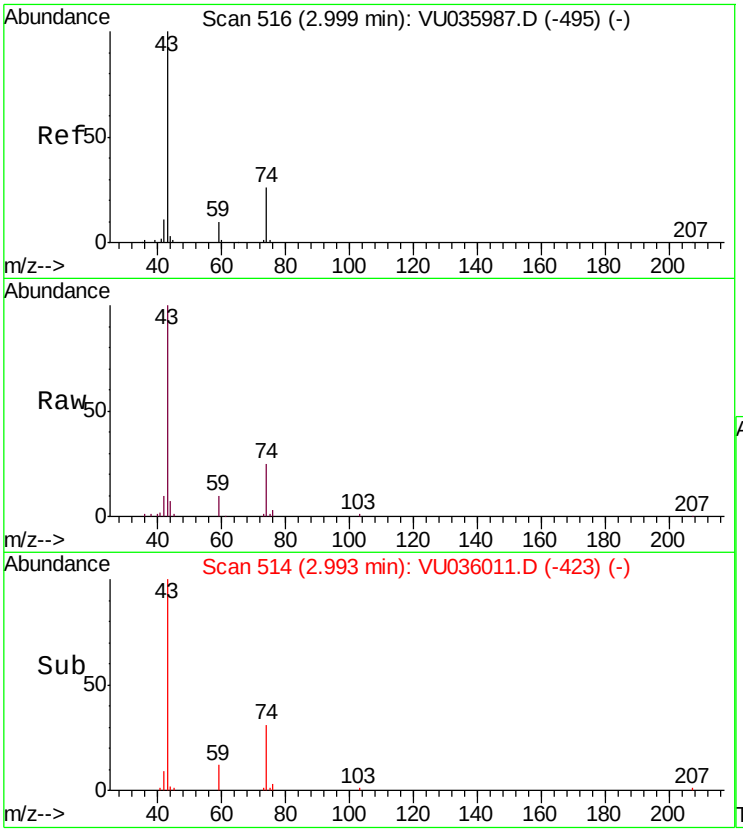


#14
Carbon disulfide
Concen: 4.410 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 76 Resp: 340533

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3



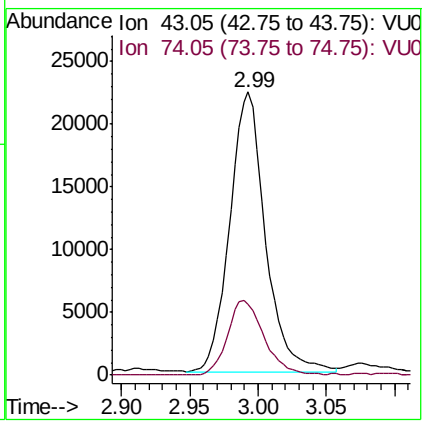


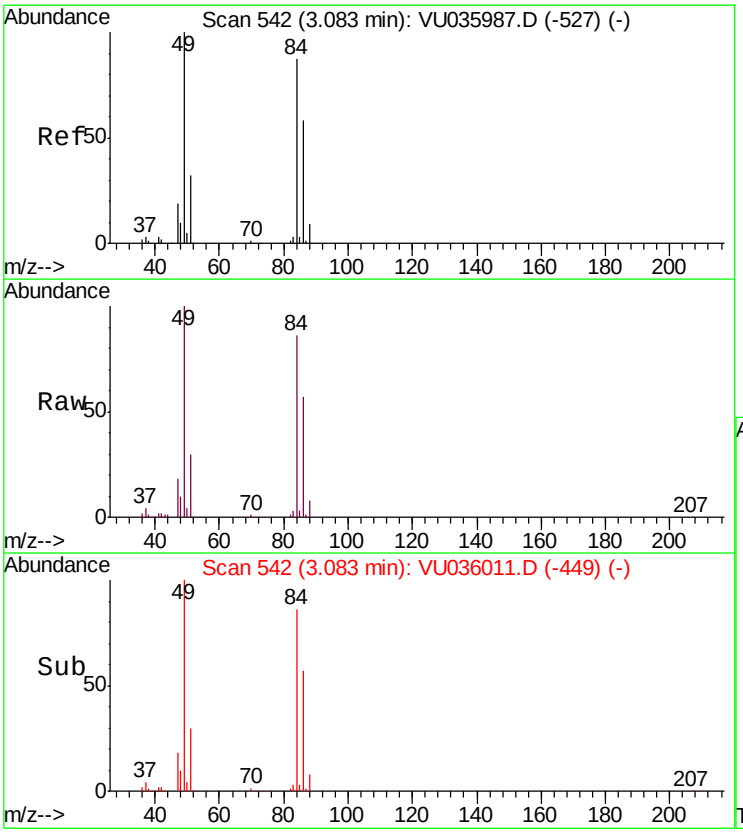
#15
Methyl Acetate
Concen: 4.012 ug/L
RT: 2.99 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 43 Resp: 40364

Ion	Ratio	Lower	Upper
43	100		
74	27.4	20.0	30.0

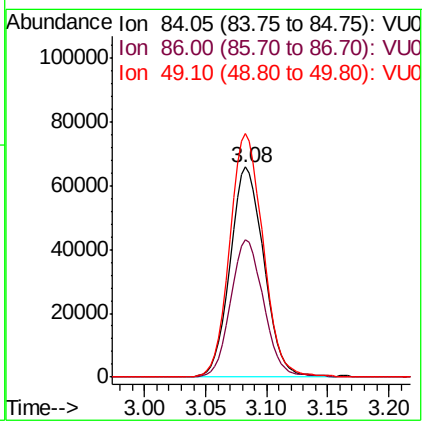


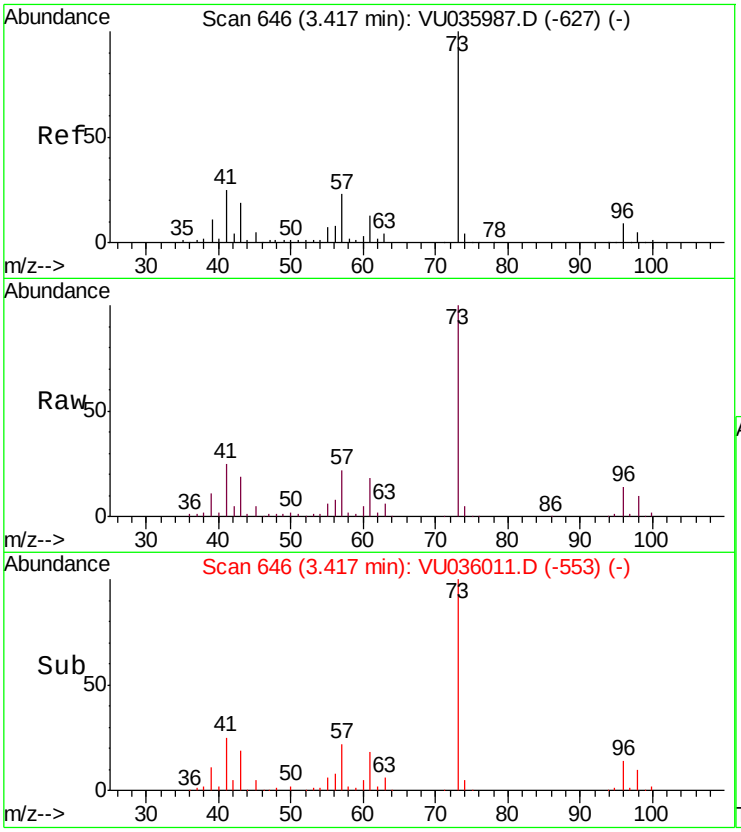


#16
Methylene chloride
Concen: 3.711 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 84 Resp: 126715

Ion	Ratio	Lower	Upper
84	100		
86	65.8	44.7	82.9
49	116.1	86.2	160.2



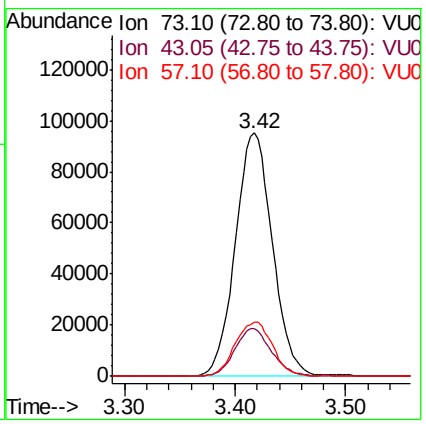


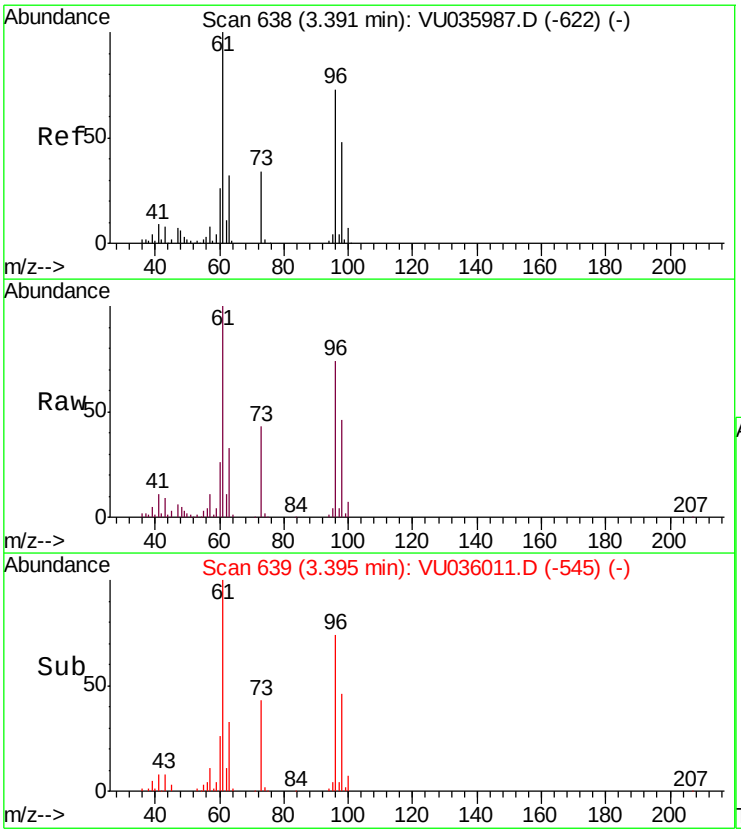
#17
Methyl tert-butyl Ether
Concen: 4.310 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 73 Resp: 222604

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.9	23.9
57	22.5	18.8	28.2

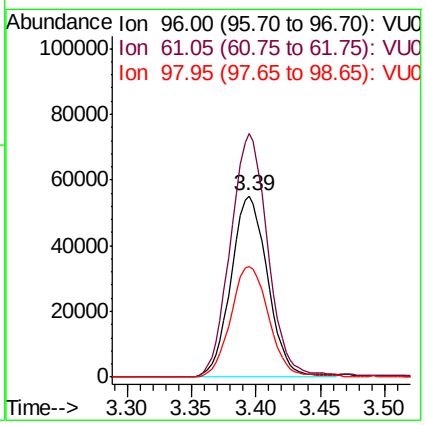


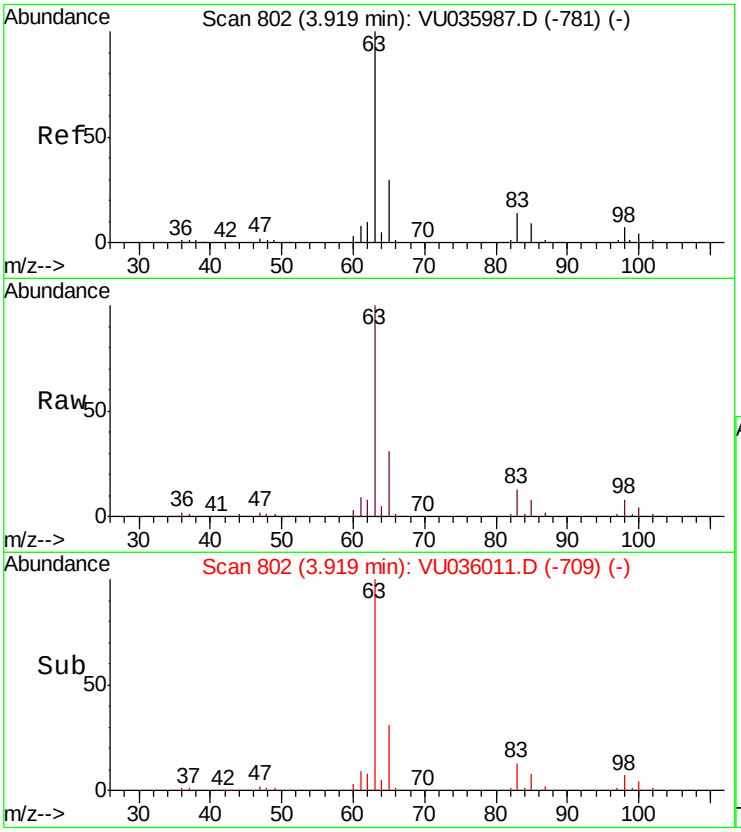


#18
trans-1,2-Dichloroethene
Concen: 4.699 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 96 Resp: 109698

Ion	Ratio	Lower	Upper
96	100		
61	134.5	101.2	187.8
98	61.4	45.0	83.6



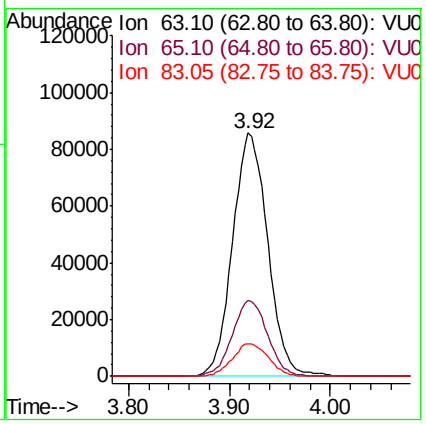


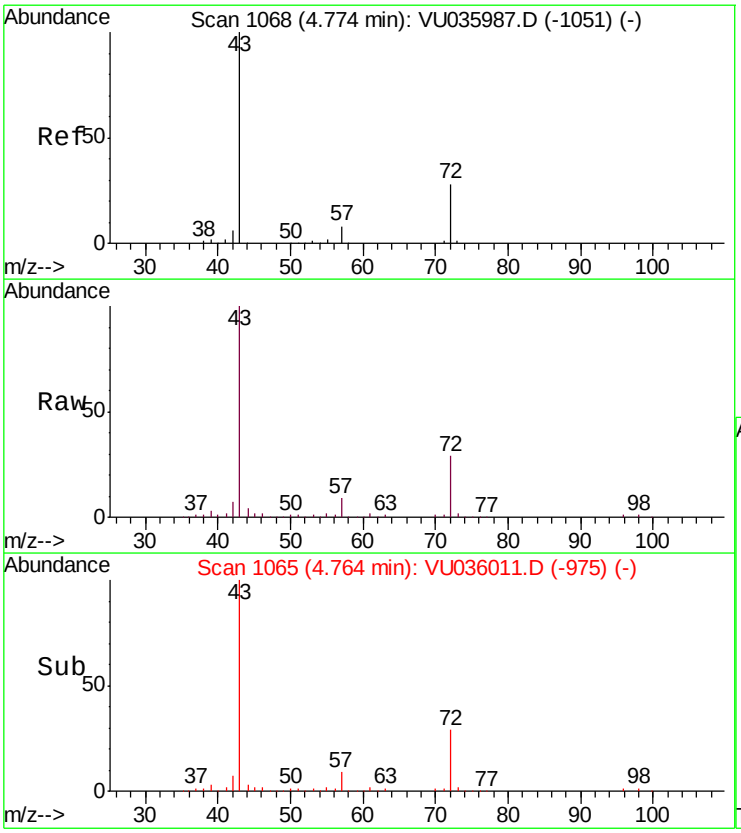
#19
1,1-Dichloroethane
Concen: 4.539 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 63 Resp: 207127

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	13.3	9.8	18.2

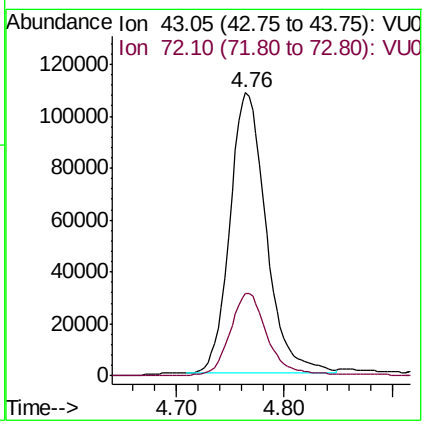


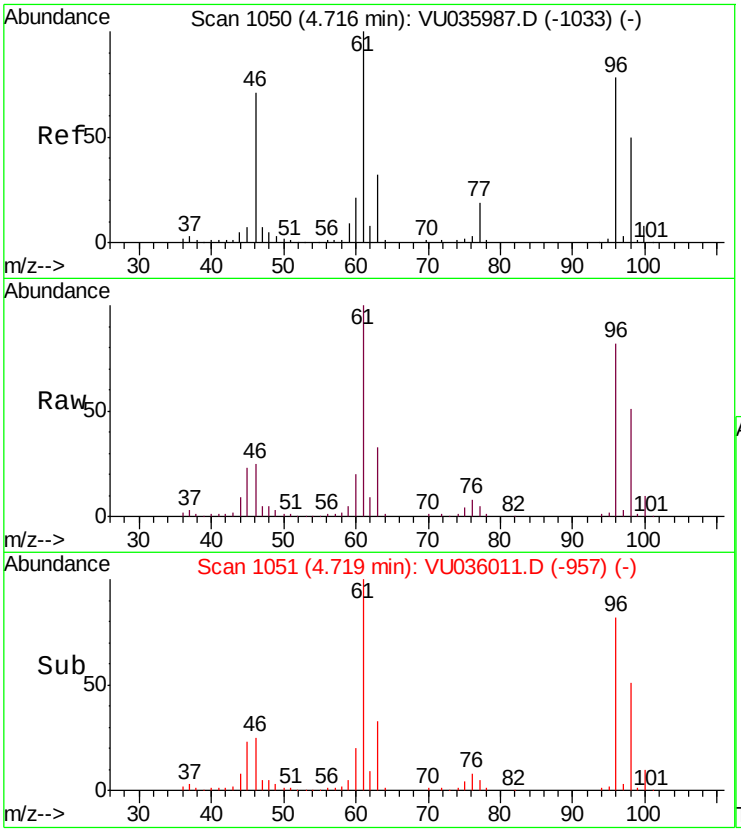


#21
2-Butanone
Concen: 35.225 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 43 Resp: 253856

Ion	Ratio	Lower	Upper
43	100		
72	30.4	12.6	37.8



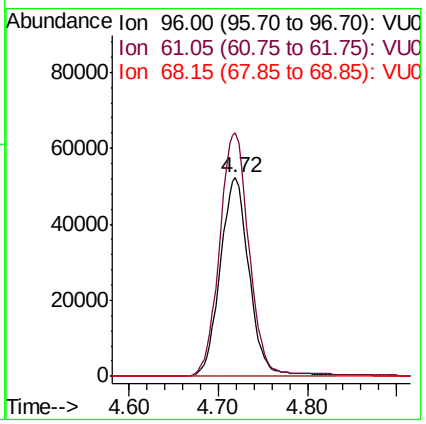


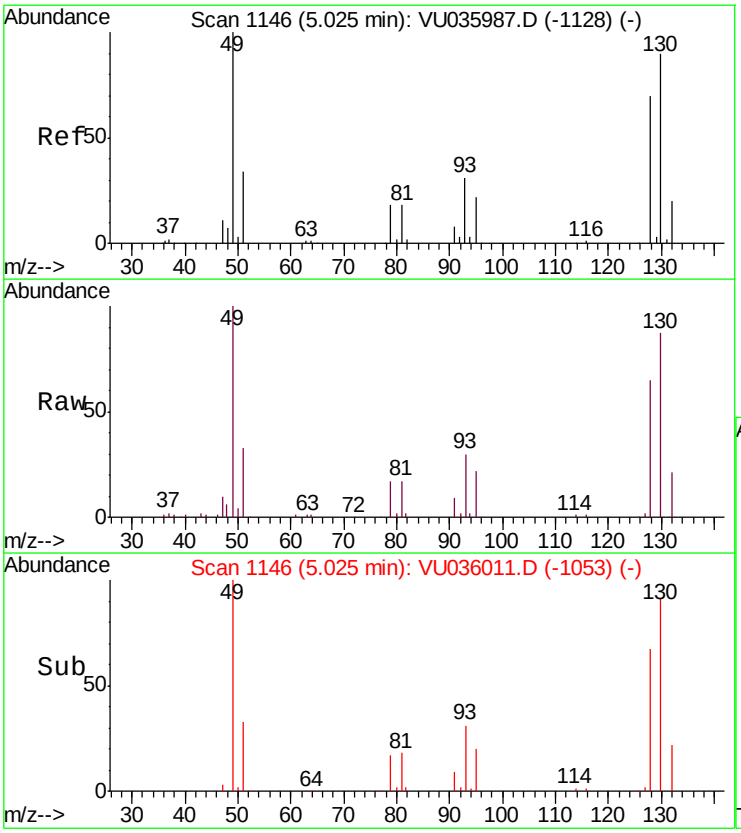
#22
cis-1,2-Dichloroethene
Concen: 4.774 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 96 Resp: 117742

Ion	Ratio	Lower	Upper
96	100		
61	122.6	95.7	177.7
68	0.0	0.0	0.0

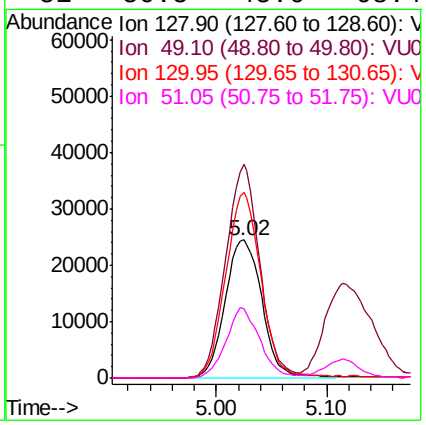


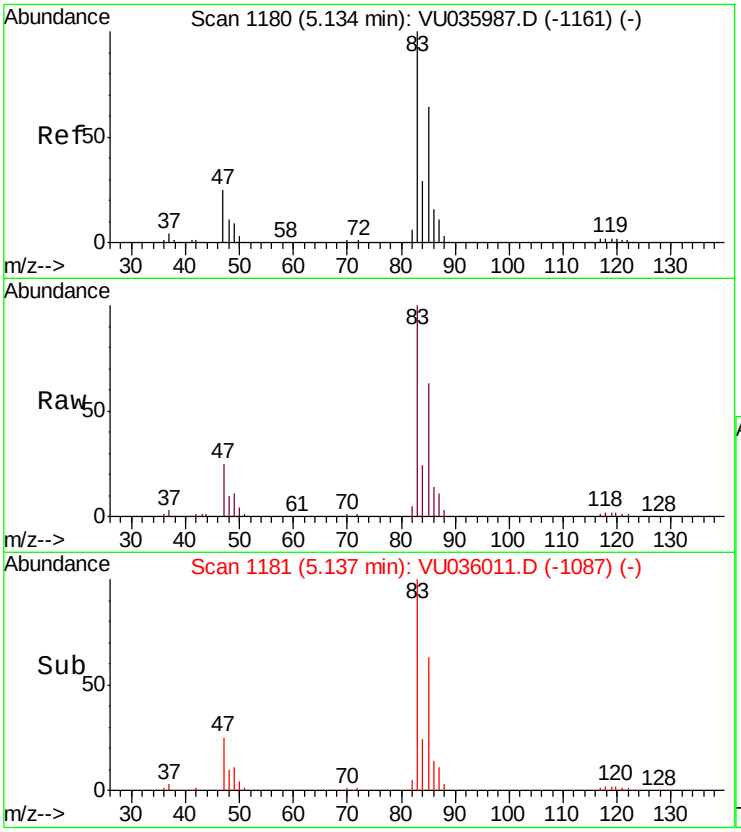


#23
Bromochloromethane
Concen: 5.030 ug/L
RT: 5.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:128 Resp: 56789

Ion	Ratio	Lower	Upper
128	100		
49	155.0	118.3	219.7
130	135.0	86.9	161.3
51	50.5	45.6	68.4



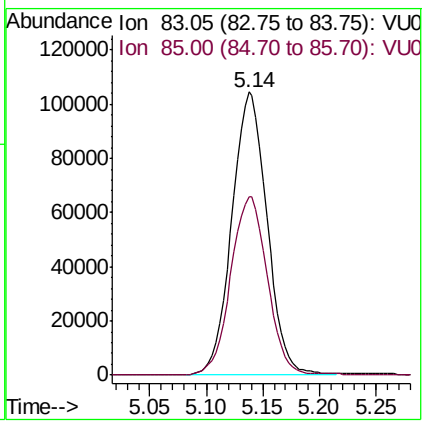


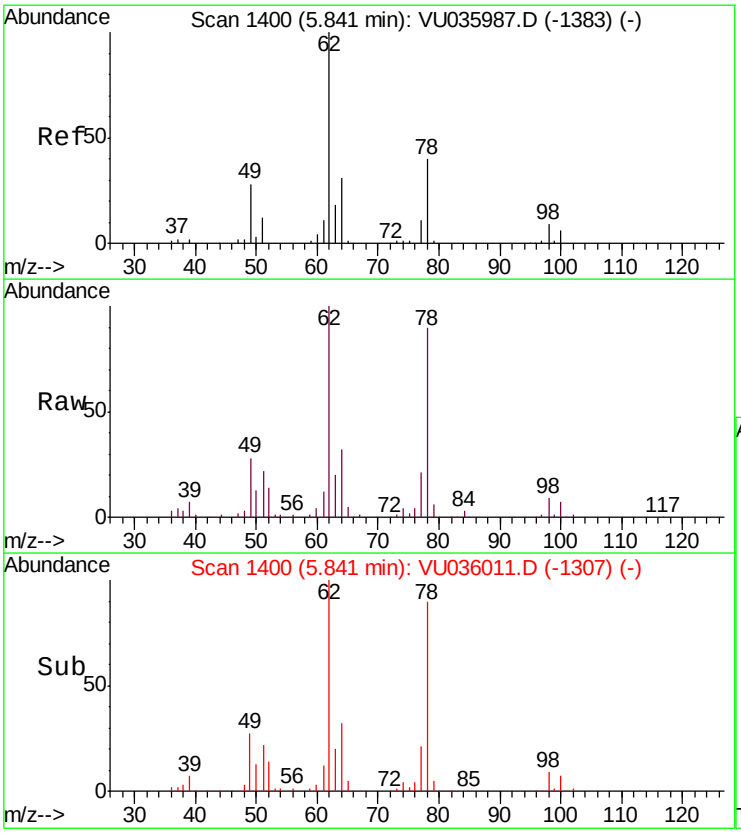
#25
Chloroform
Concen: 4.927 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 83 Resp: 226871

Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.4	84.2

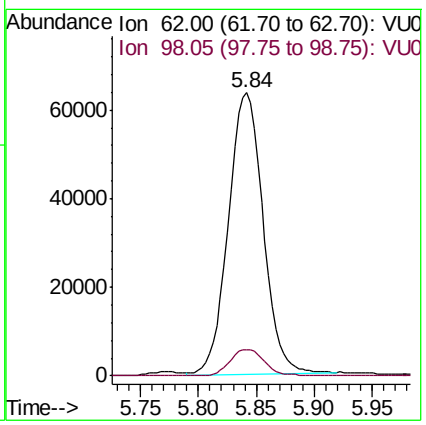


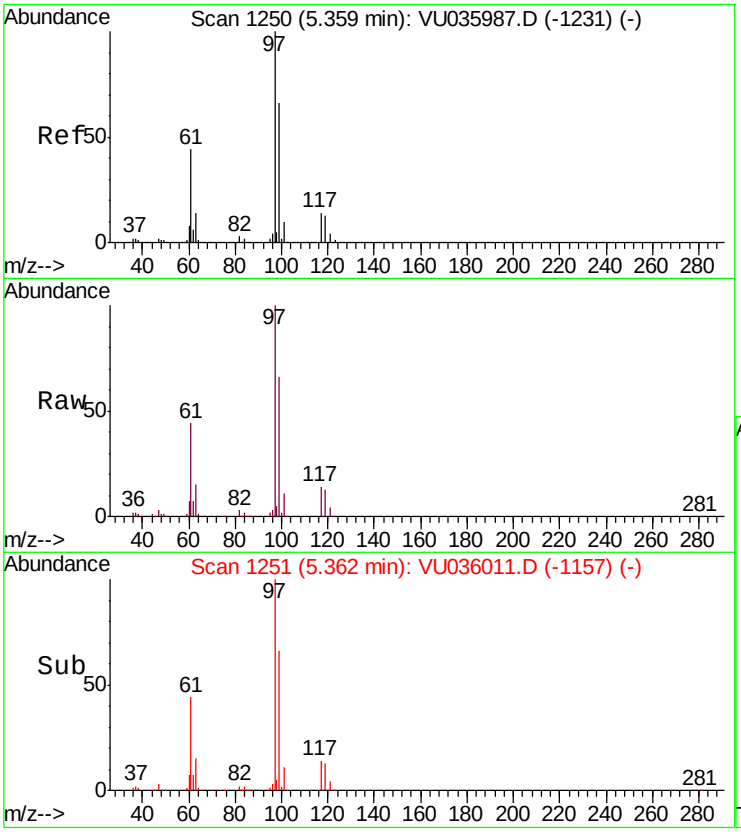


#27
1,2-Dichloroethane
Concen: 4.491 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 62 Resp: 132157

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.6	11.4



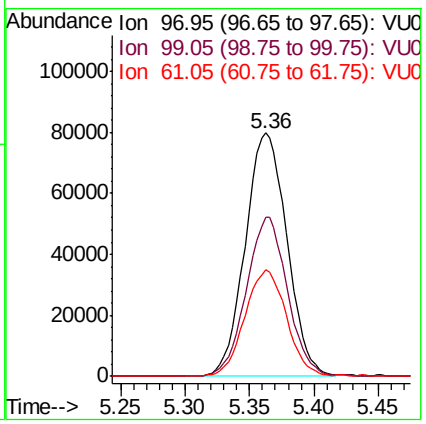


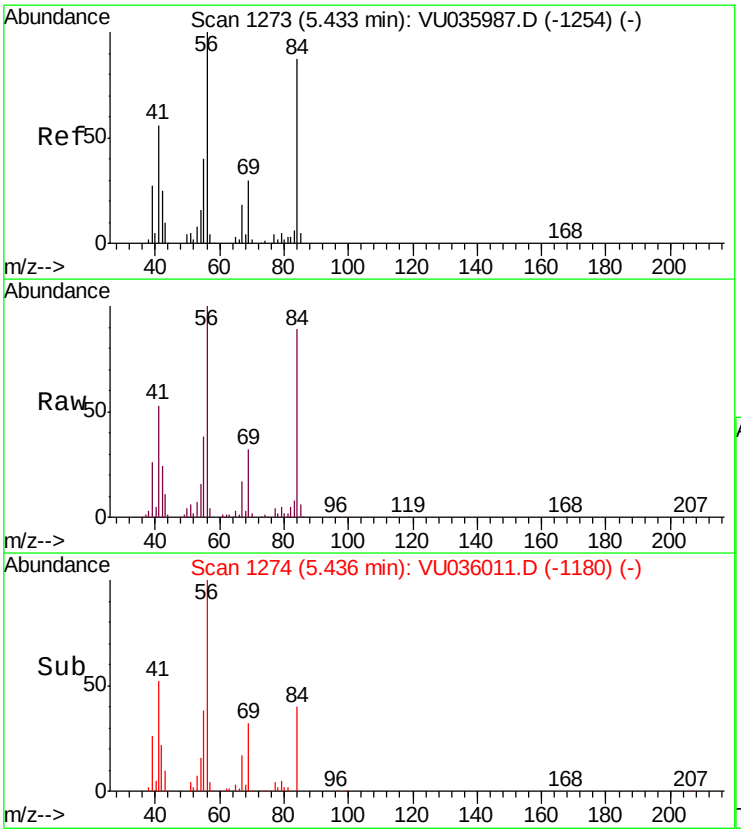
#29
1,1,1-Trichloroethane
Concen: 4.638 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 97 Resp: 180074

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	43.7	37.6	56.4

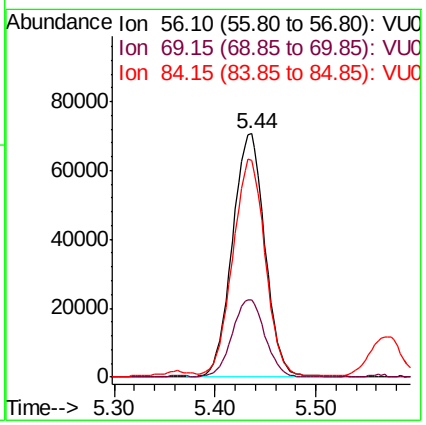


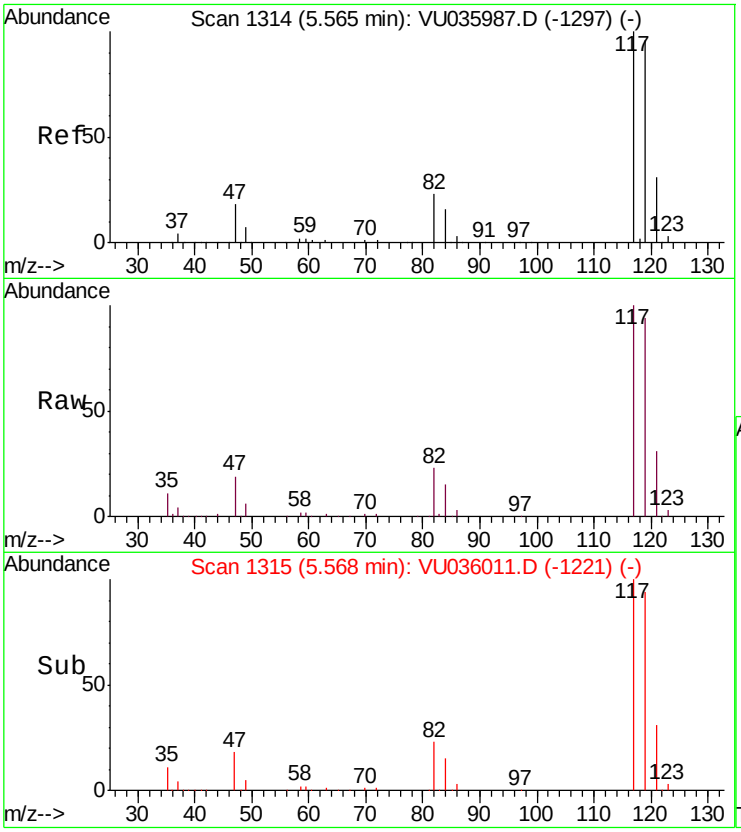


#30
Cyclohexane
Concen: 4.121 ug/L
RT: 5.44 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 56 Resp: 158024

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.0	36.0
84	88.9	66.9	100.3



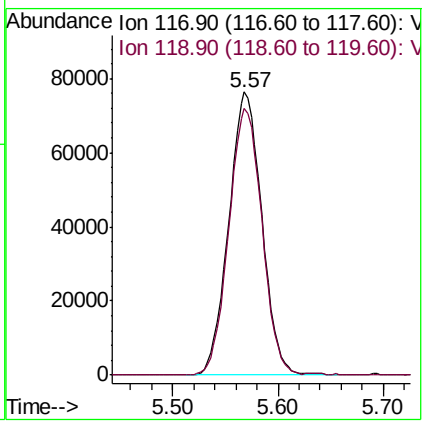


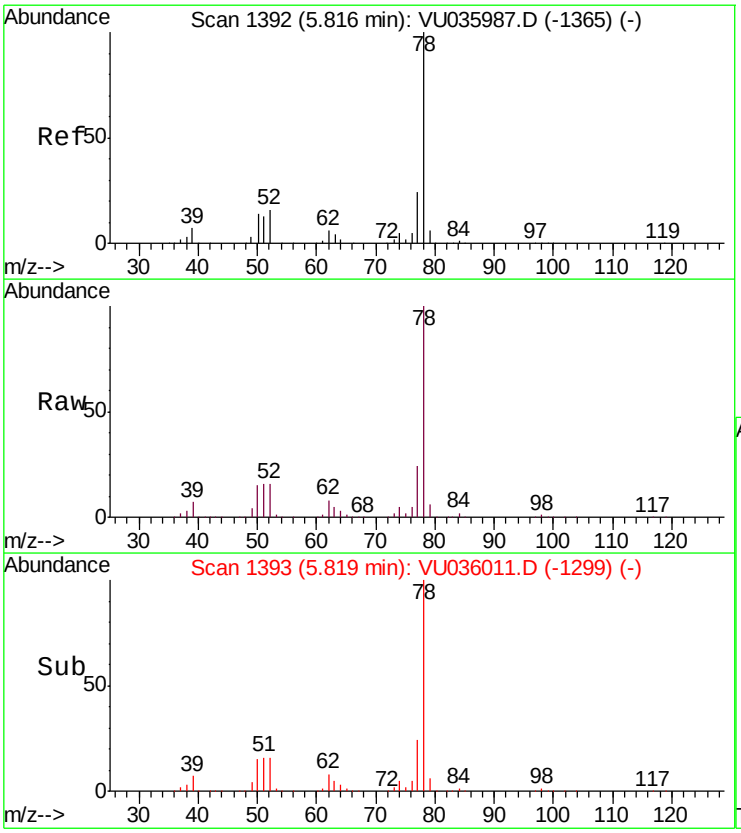
#31
Carbon tetrachloride
Concen: 4.815 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:117 Resp: 165729

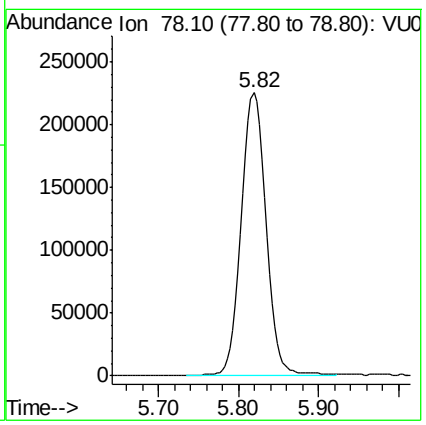
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3

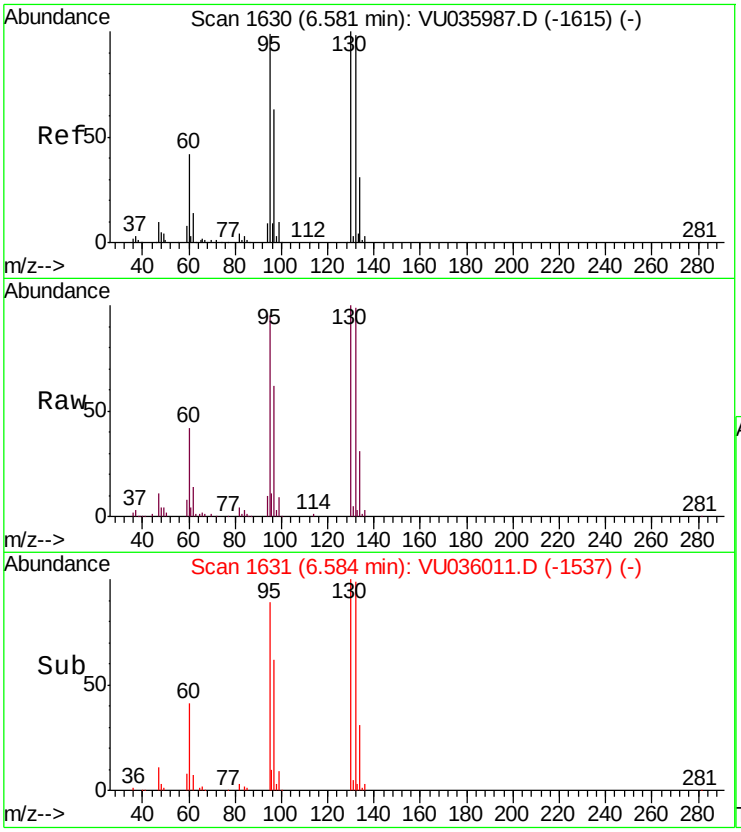




#33
Benzene
Concen: 4.688 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 78 Resp: 473222



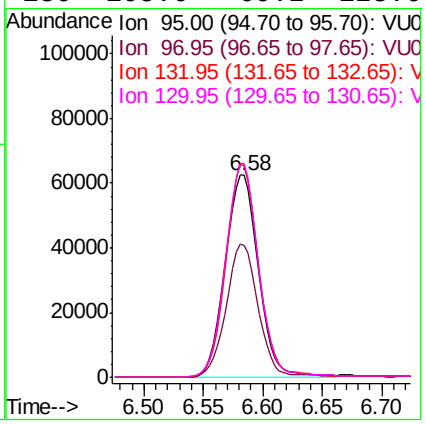


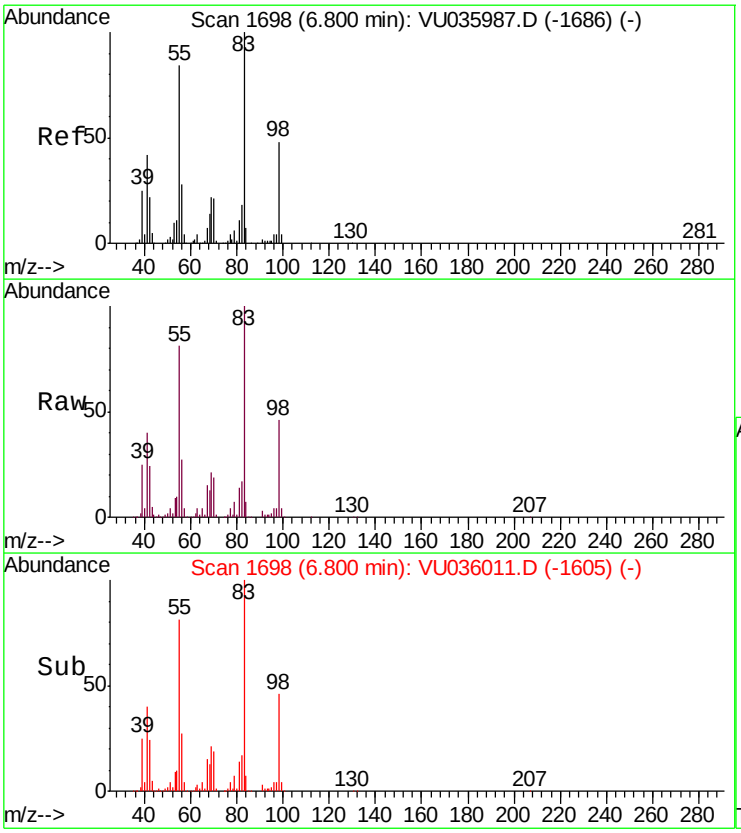
#34
Trichloroethene
Concen: 4.774 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 95 Resp: 121866

Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.3	85.9
132	104.8	65.7	122.1
130	105.6	69.2	128.6

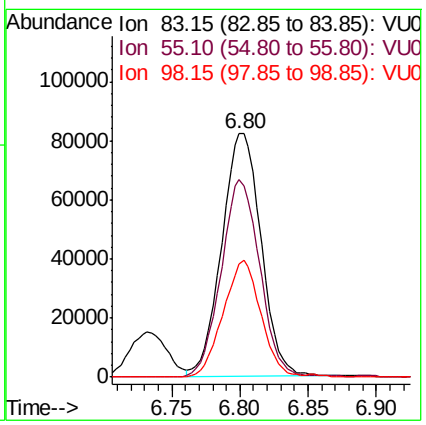


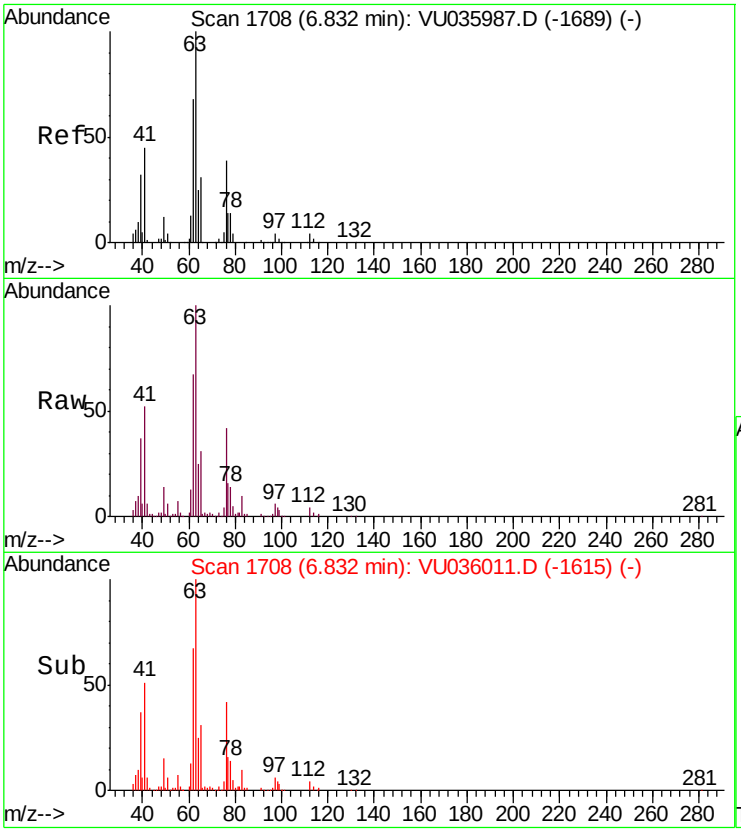


#35
Methylcyclohexane
Concen: 4.298 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 83 Resp: 164511

Ion	Ratio	Lower	Upper
83	100		
55	80.0	67.4	101.0
98	45.9	34.6	52.0



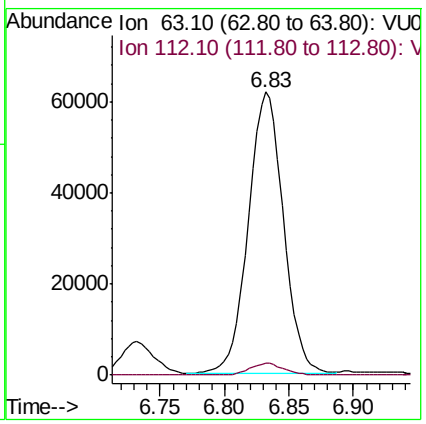


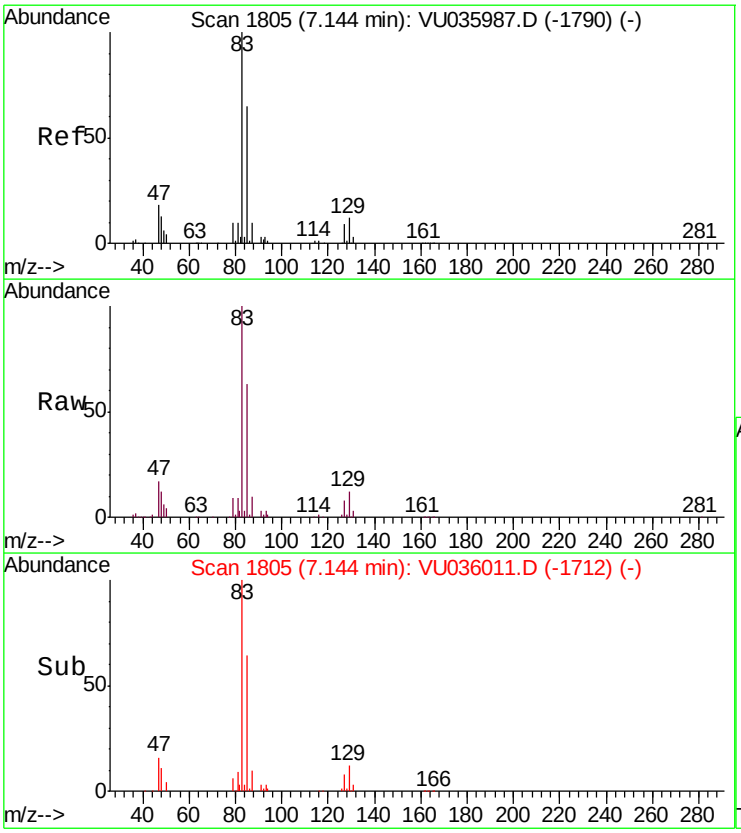
#37
1,2-Dichloropropane
Concen: 4.311 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 63 Resp: 117851

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.3	4.9

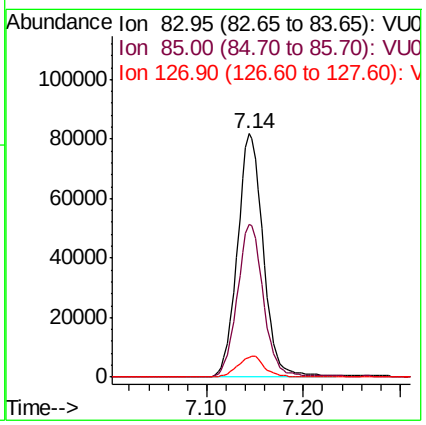


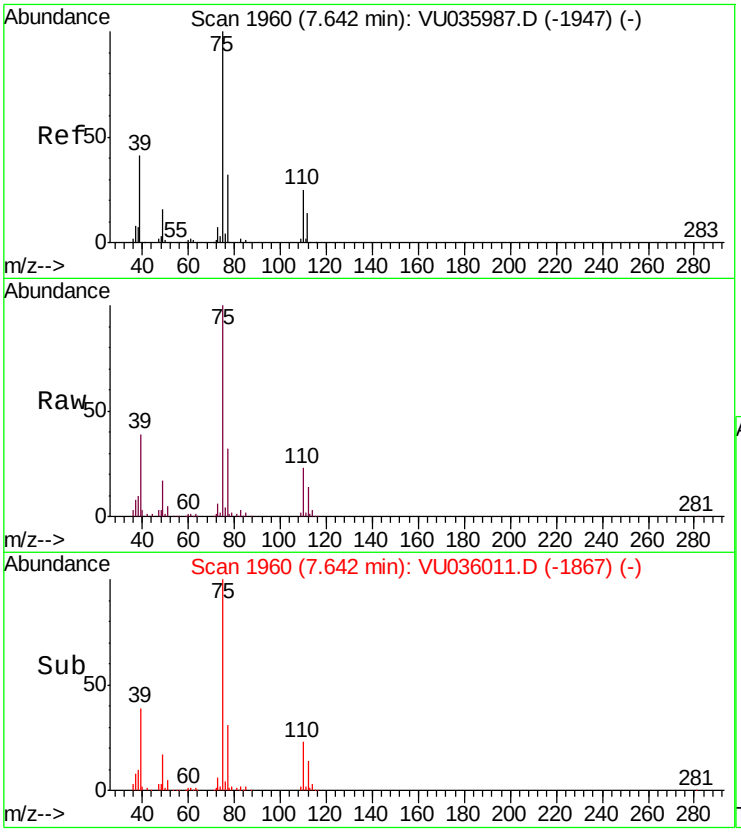


#38
Bromodichloromethane
Concen: 4.639 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 83 Resp: 151778

Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.0	81.8
127	8.2	6.5	9.7



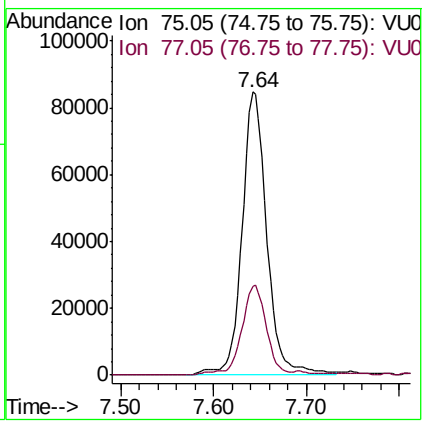


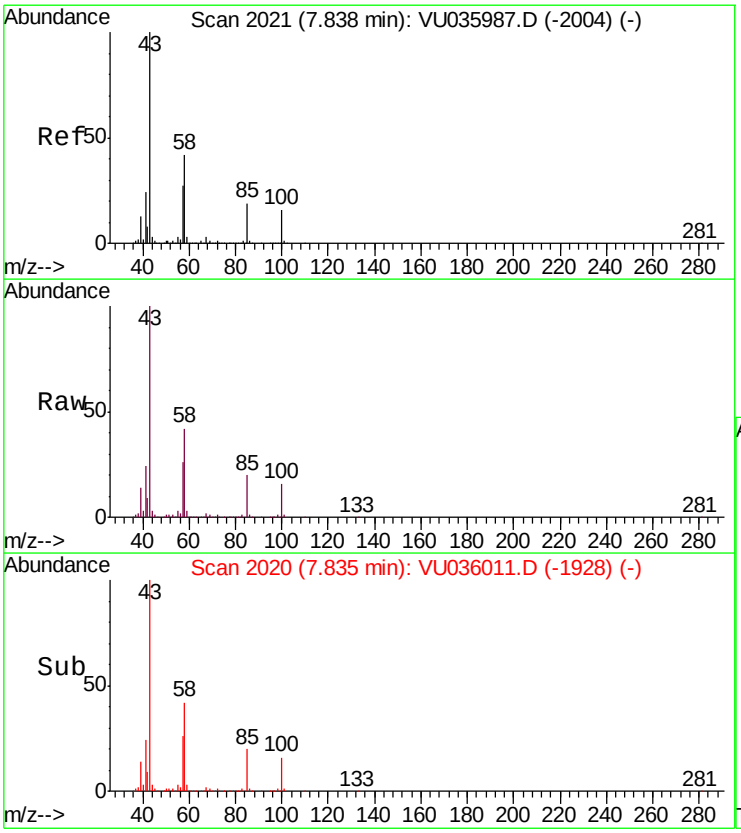
#39
cis-1,3-Dichloropropene
Concen: 4.341 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 75 Resp: 157446

Ion	Ratio	Lower	Upper
75	100		
77	31.5	21.9	40.7

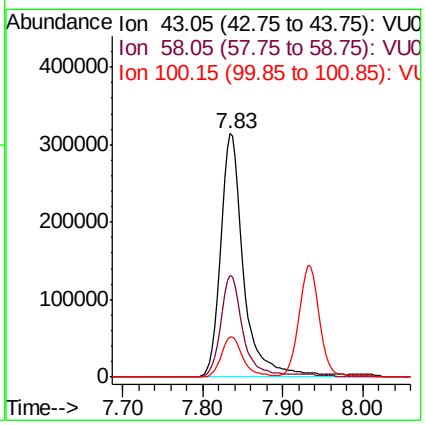


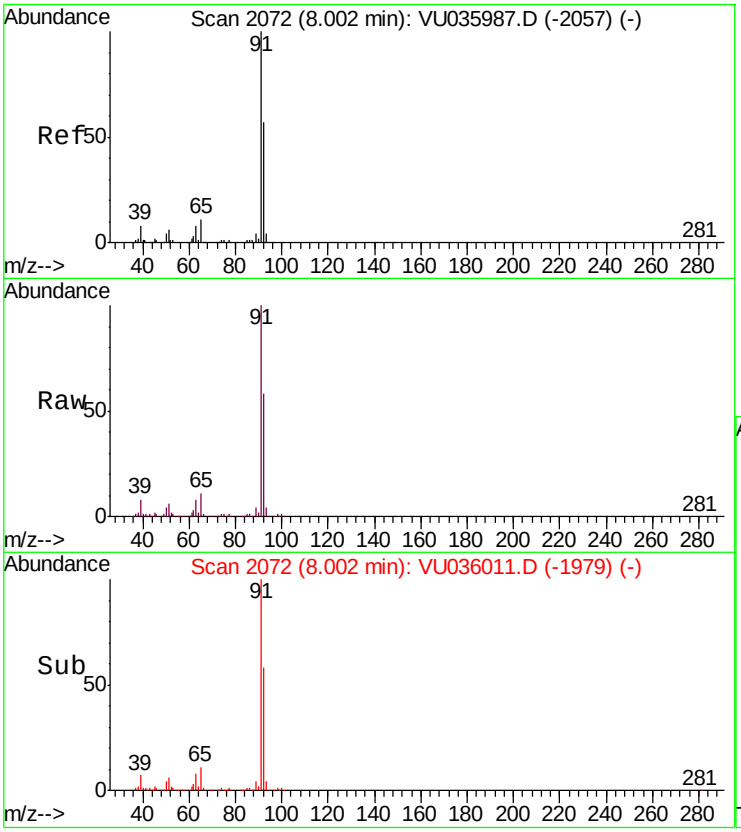


#40
4-Methyl-2-pentanone
Concen: 38.883 ug/L
RT: 7.83 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 43 Resp: 624694

Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.3	48.5
100	15.6	11.7	17.5



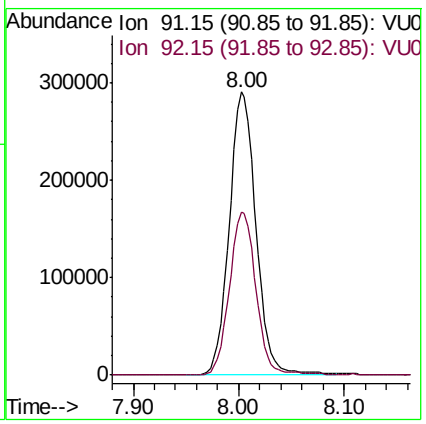


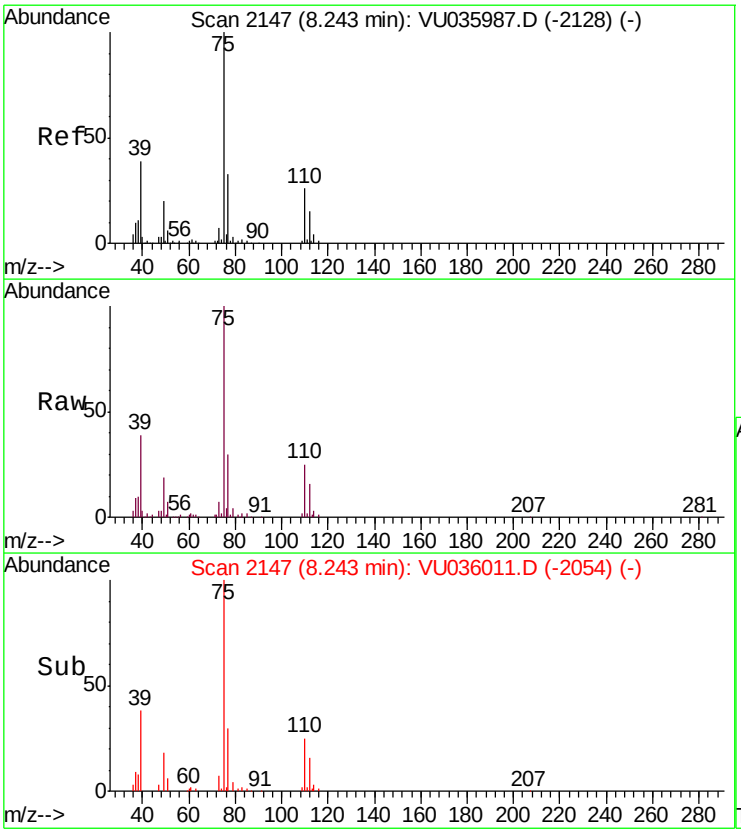
#42
Toluene
Concen: 4.841 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 91 Resp: 510451

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.8	74.0

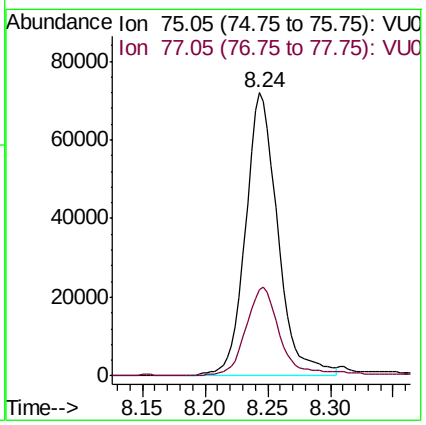


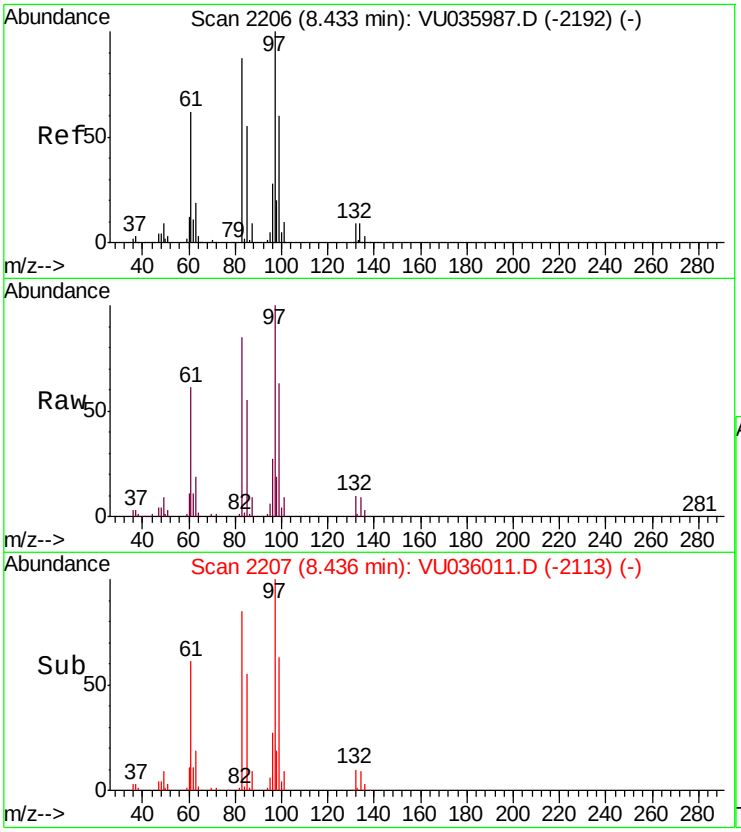


#44
trans-1,3-Dichloropropene
Concen: 4.174 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 75 Resp: 129424

Ion	Ratio	Lower	Upper
75	100		
77	30.3	22.4	41.6



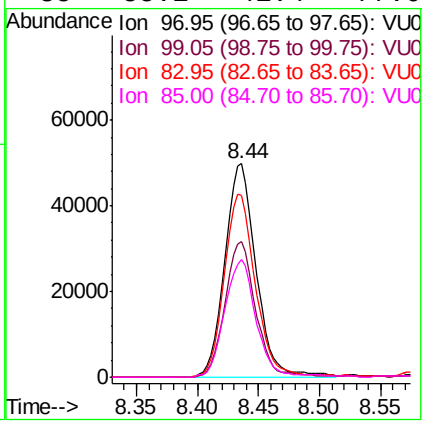


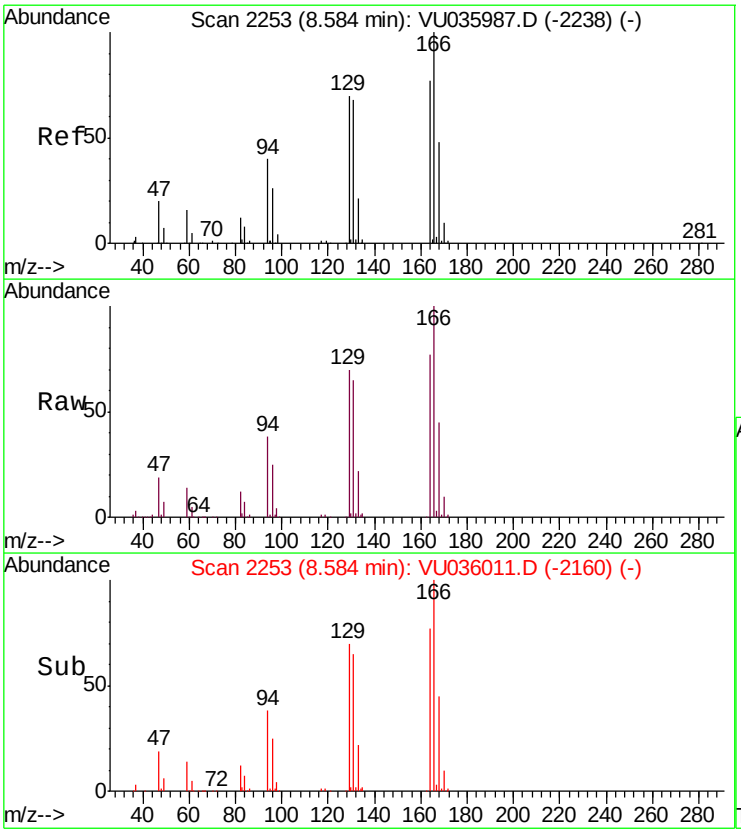
#45
1,1,2-Trichloroethane
Concen: 4.812 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 97 Resp: 89545

Ion	Ratio	Lower	Upper
97	100		
99	63.5	45.0	83.6
83	85.0	62.1	115.3
85	55.1	41.4	77.0

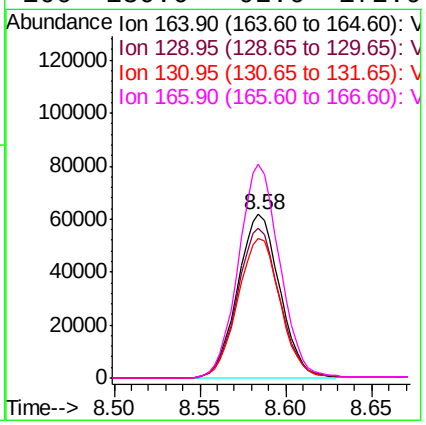


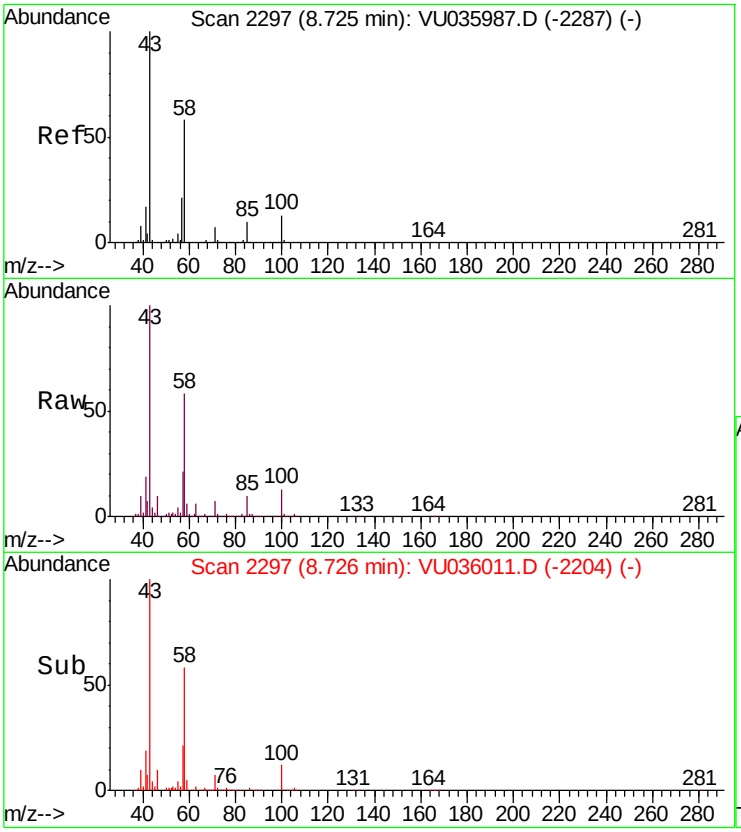


#47
Tetrachloroethene
Concen: 5.051 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:164 Resp: 104794

Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.9	126.1
131	85.5	64.1	119.1
166	130.6	92.6	172.0



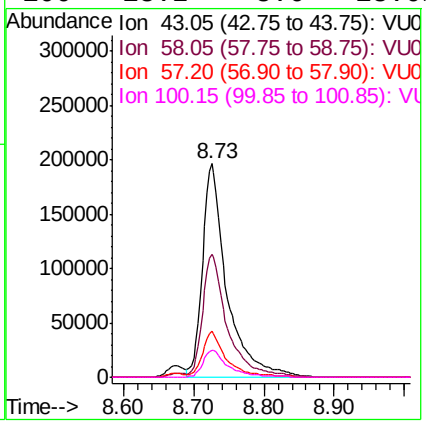


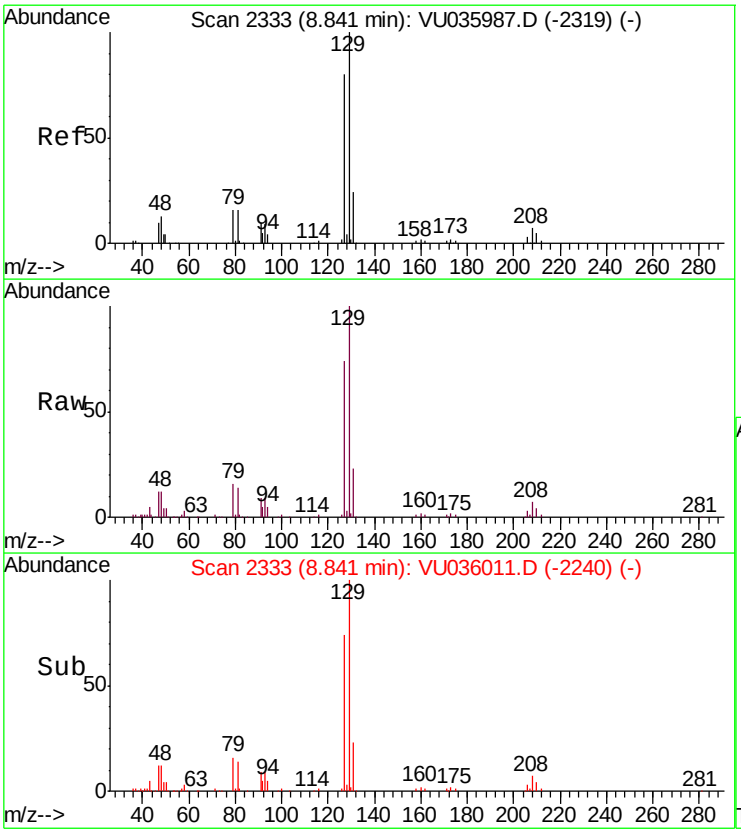
#48
2-Hexanone
Concen: 39.545 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion: 43 Resp: 469290

Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.4	68.2
57	21.3	14.9	22.3
100	13.2	8.6	13.0#

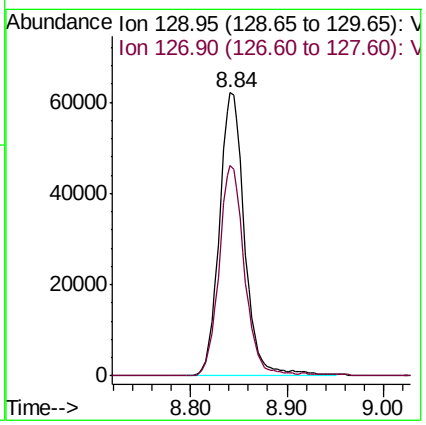


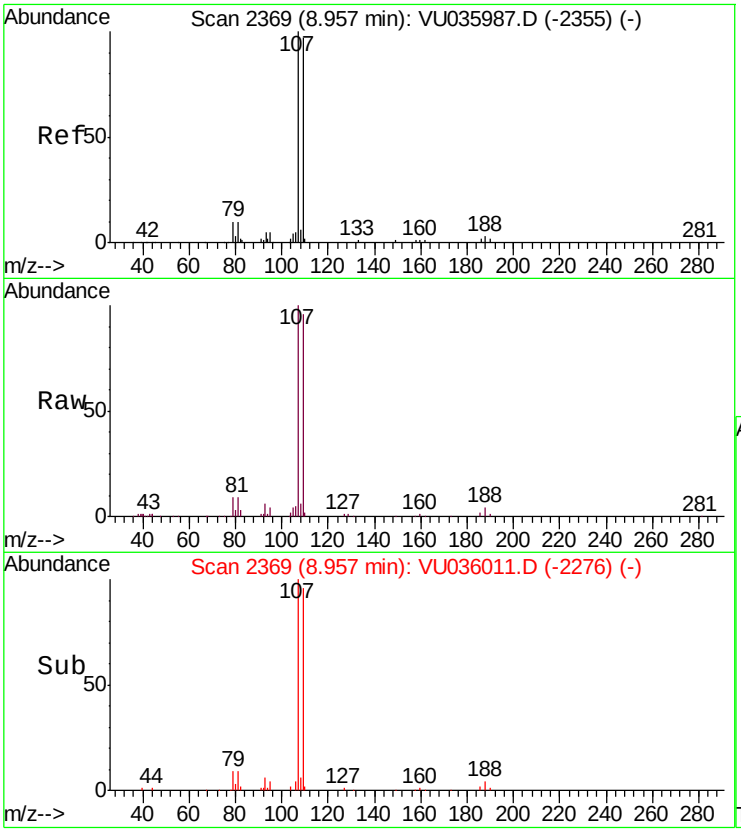


#49
Dibromochloromethane
Concen: 4.950 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:129 Resp: 112318

Ion	Ratio	Lower	Upper
129	100		
127	74.3	52.8	98.0



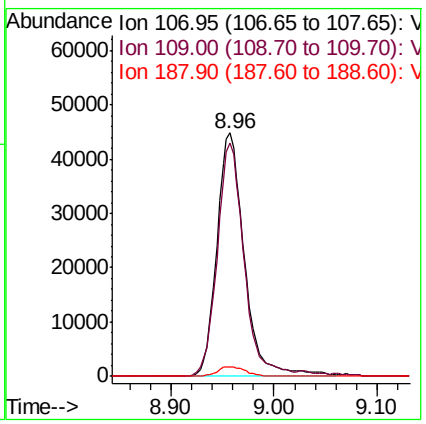


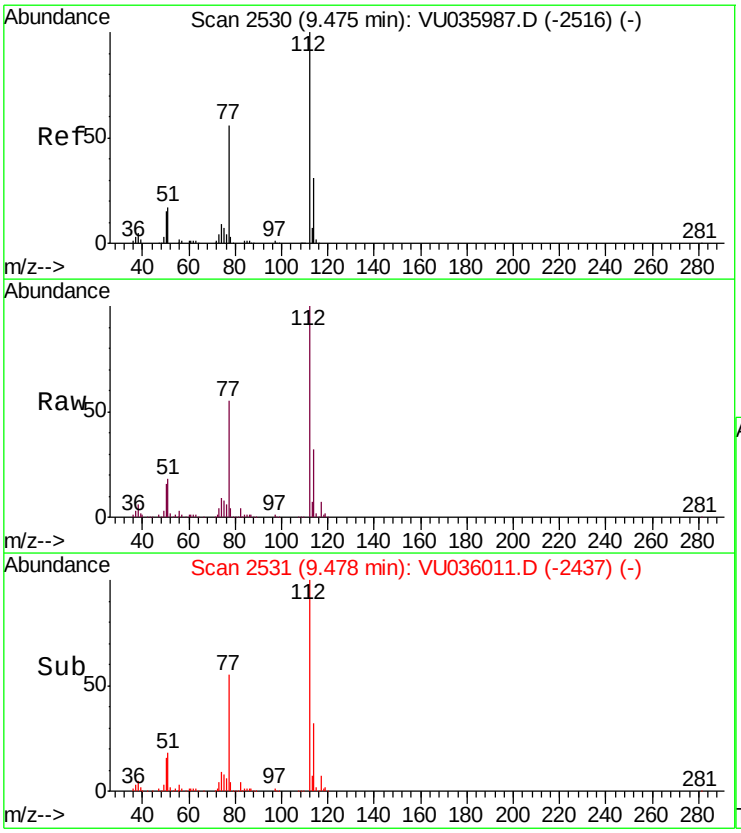
#50
1,2-Dibromoethane
Concen: 4.600 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:107 Resp: 83071

Ion	Ratio	Lower	Upper
107	100		
109	95.9	62.5	116.1
188	3.9	3.0	4.6

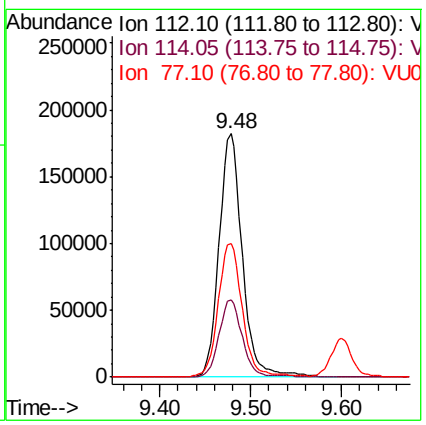


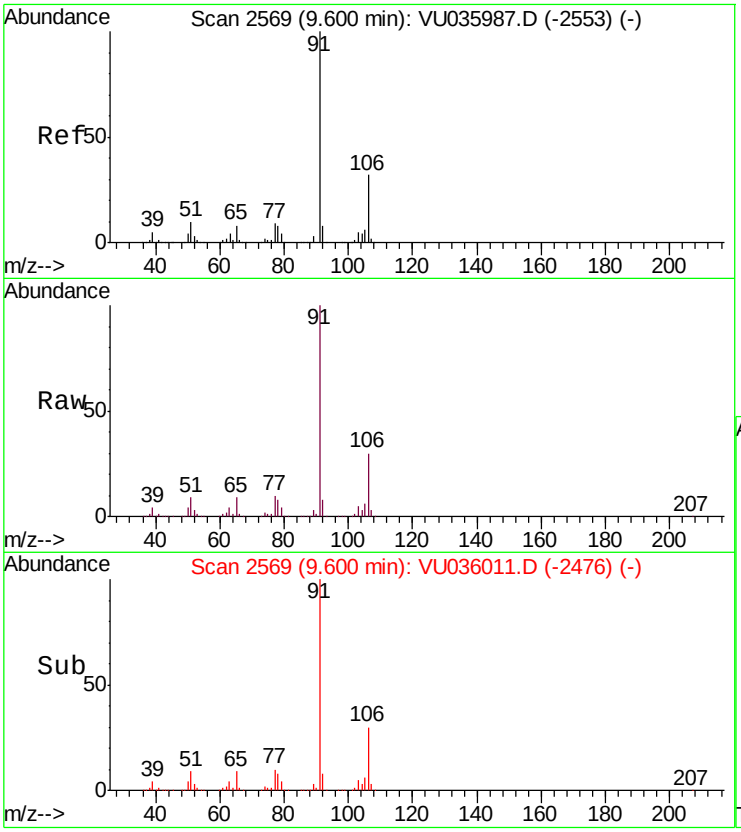


#51
Chlorobenzene
Concen: 4.908 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:112 Resp: 323175

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	55.1	47.7	71.5



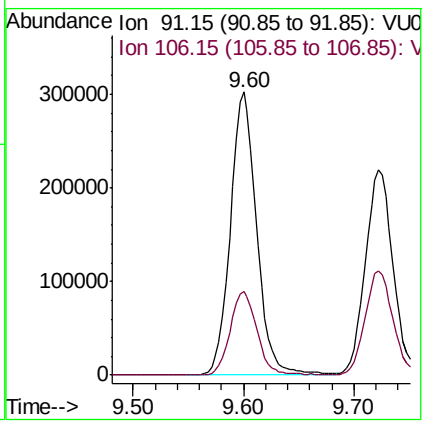


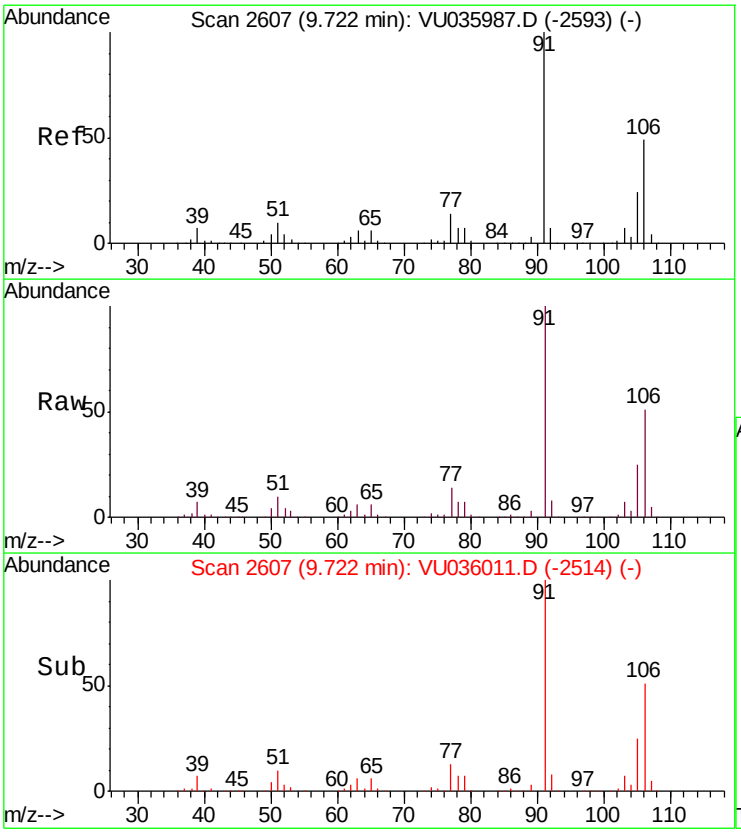
#52
Ethylbenzene
Concen: 4.693 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 91 Resp: 500254

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.1	39.3

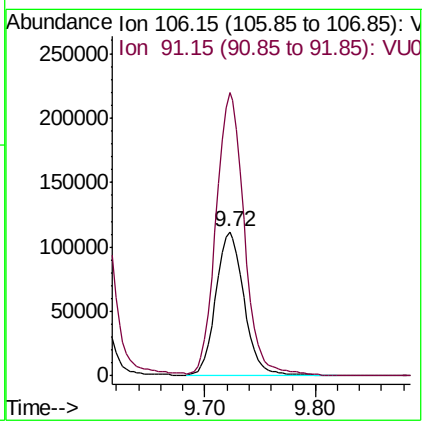


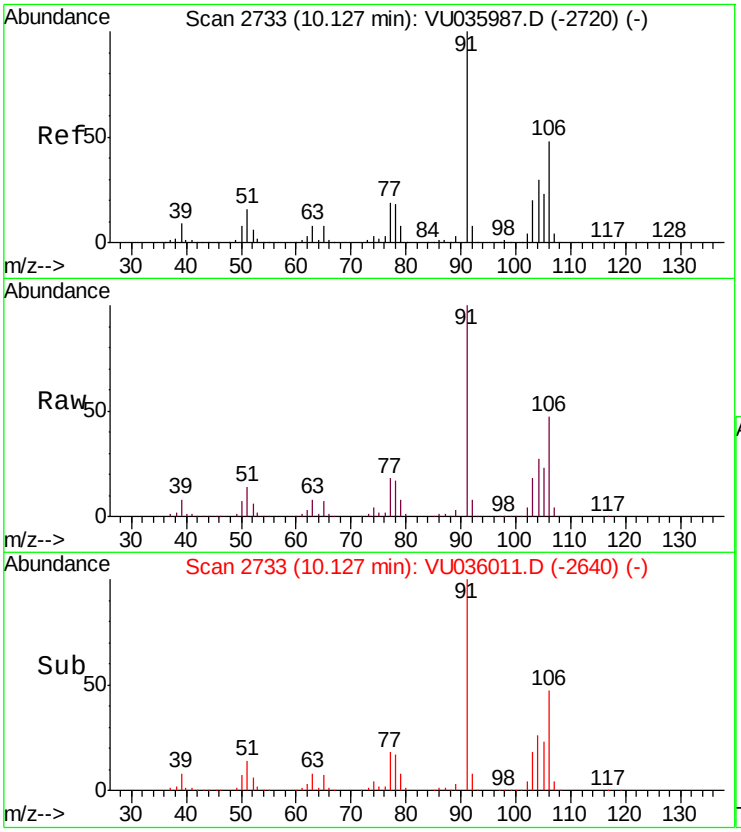


#53
m,p-Xylene
Concen: 4.961 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:106 Resp: 199637

Ion	Ratio	Lower	Upper
106	100		
91	196.1	138.9	257.9



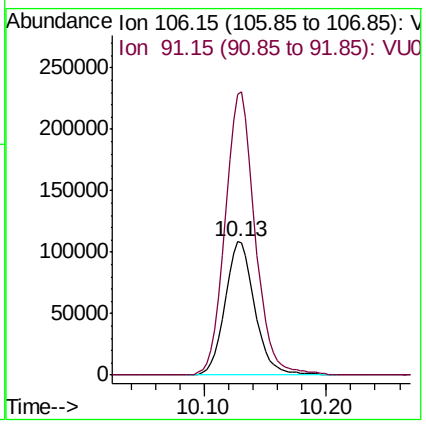


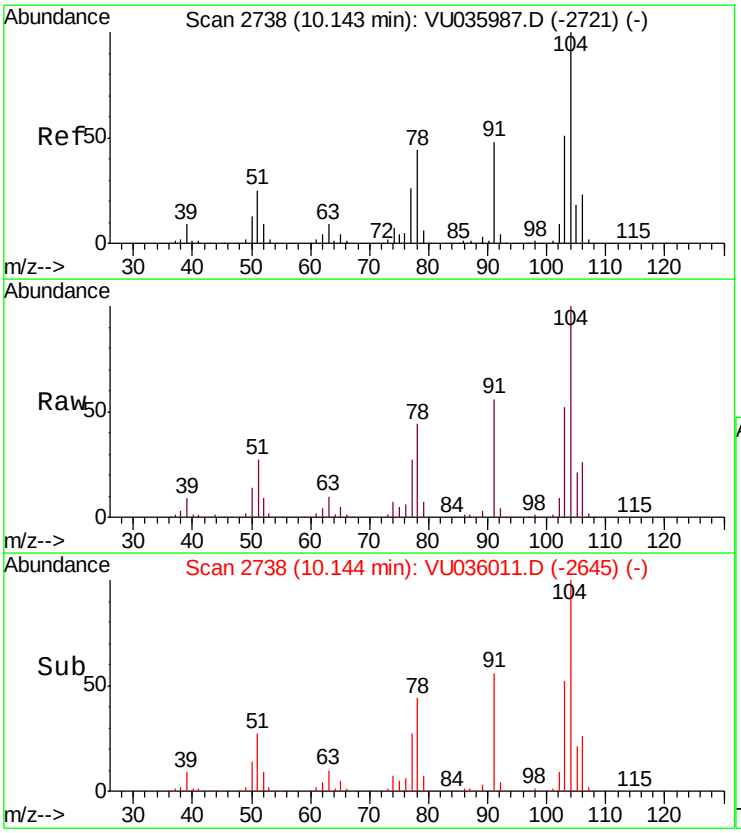
#54
o-Xylene
Concen: 4.899 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:106 Resp: 184968

Ion	Ratio	Lower	Upper
106	100		
91	211.1	155.3	288.3

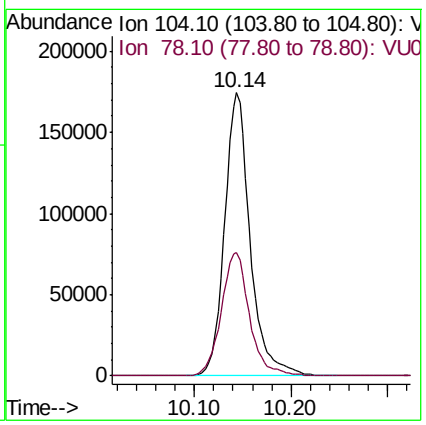


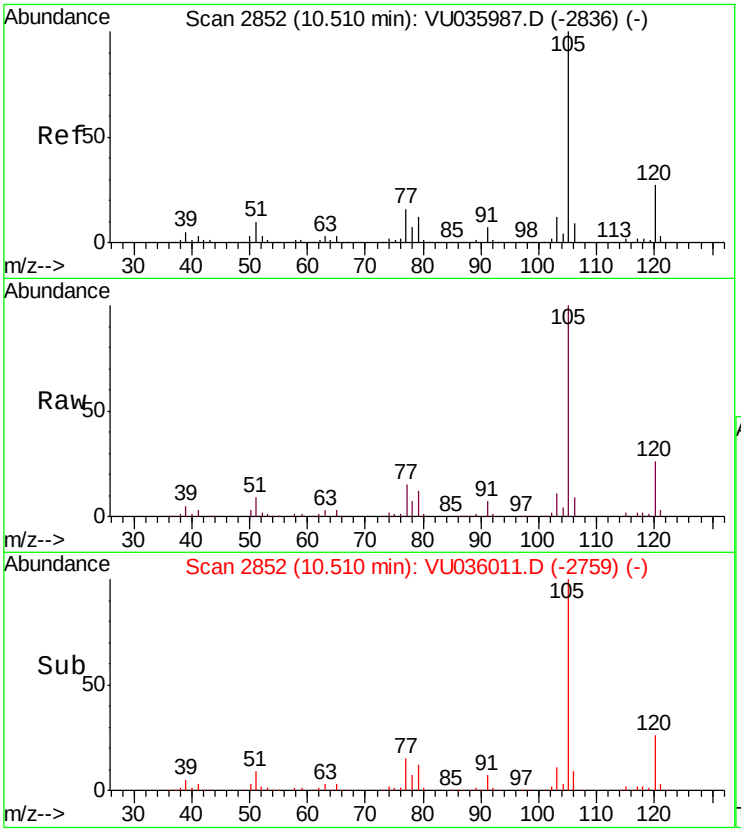


#55
Styrene
Concen: 5.029 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:104 Resp: 319335

Ion	Ratio	Lower	Upper
104	100		
78	43.5	31.2	58.0



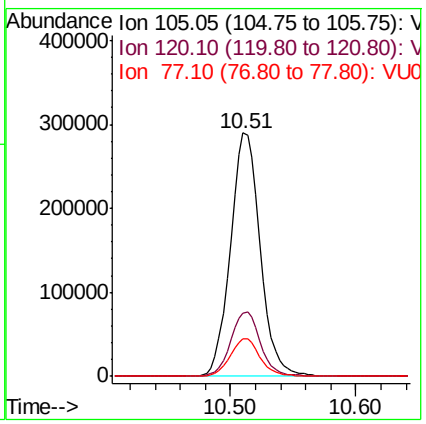


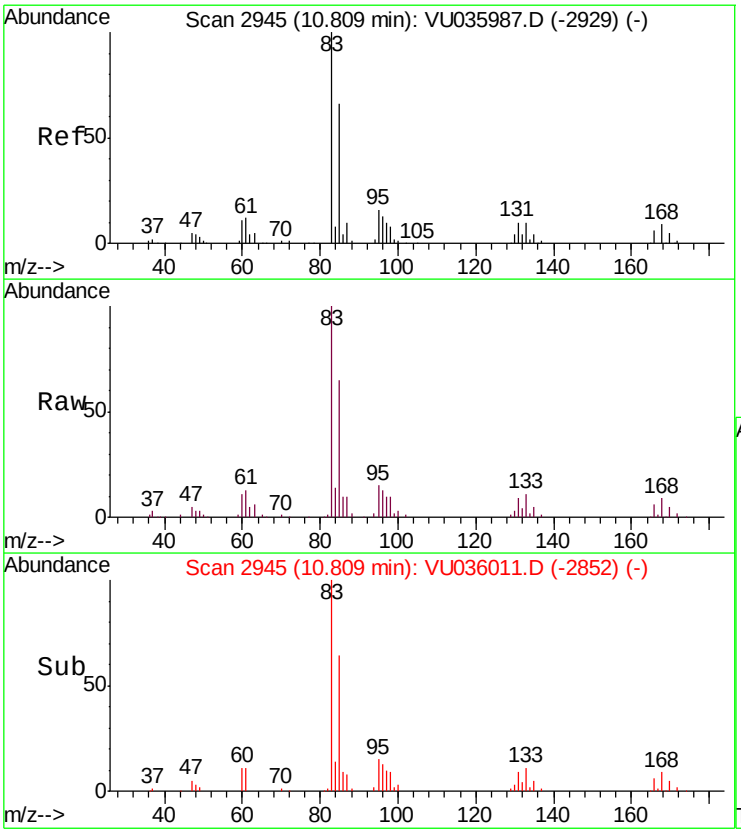
#56
Isopropylbenzene
Concen: 4.810 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion:105 Resp: 476150

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.3	31.9
77	15.6	13.1	19.7

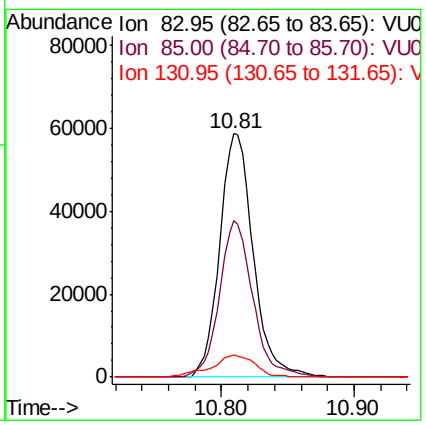


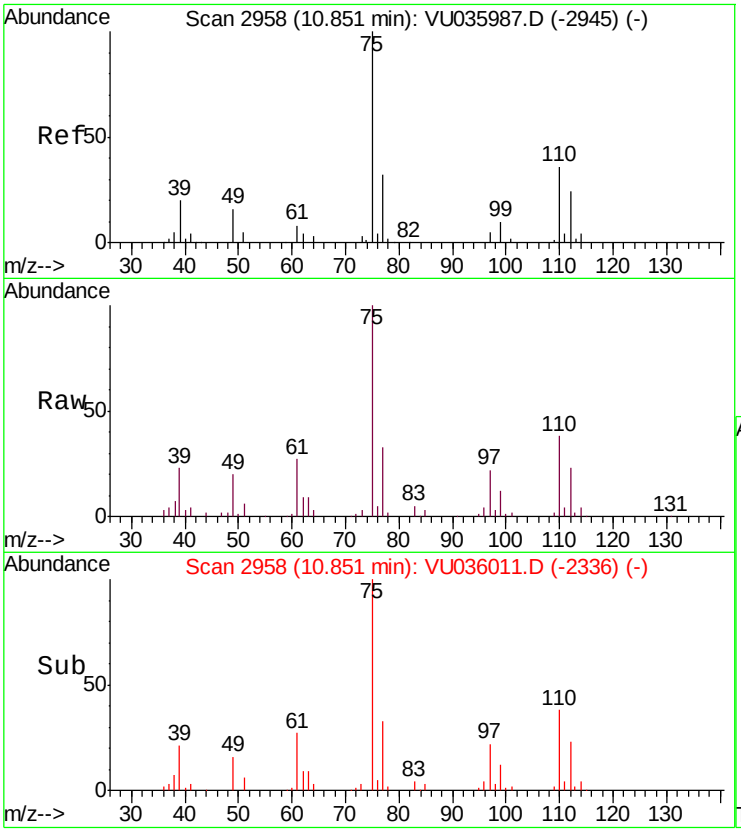


#58
1,1,2,2-Tetrachloroethane
Concen: 4.135 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 83 Resp: 103262

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.3	82.3
131	8.9	7.2	10.8



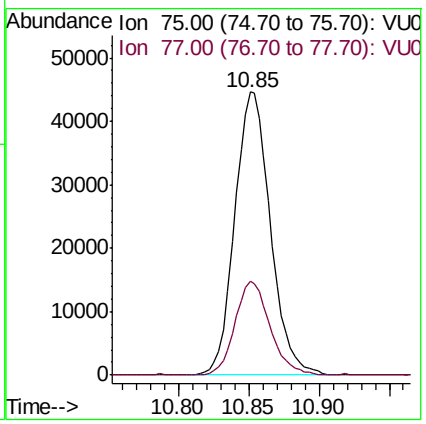


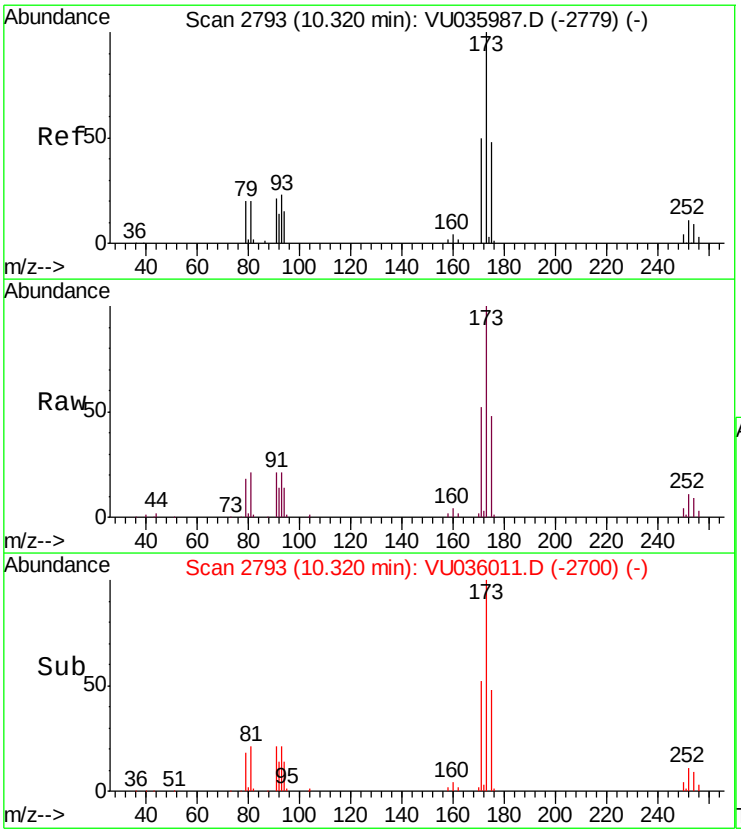
#59
1,2,3-Trichloropropane
Concen: 4.440 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 75 Resp: 78886

Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.6	39.8

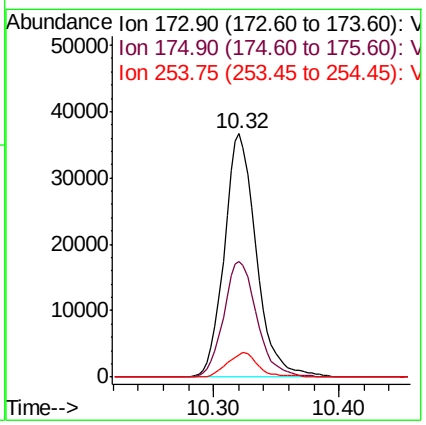


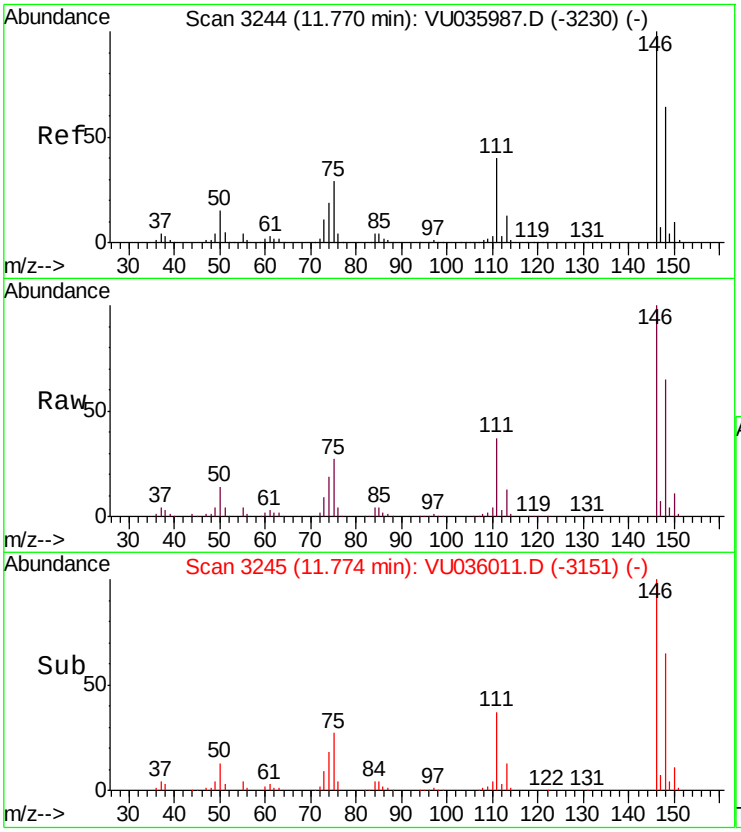


#61
Bromoform
Concen: 4.768 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:173 Resp: 64722

Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.3	58.9
254	9.6	7.3	10.9



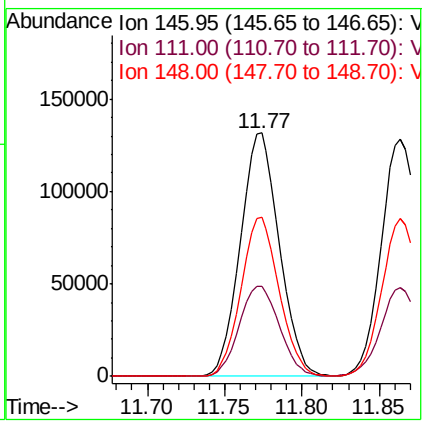


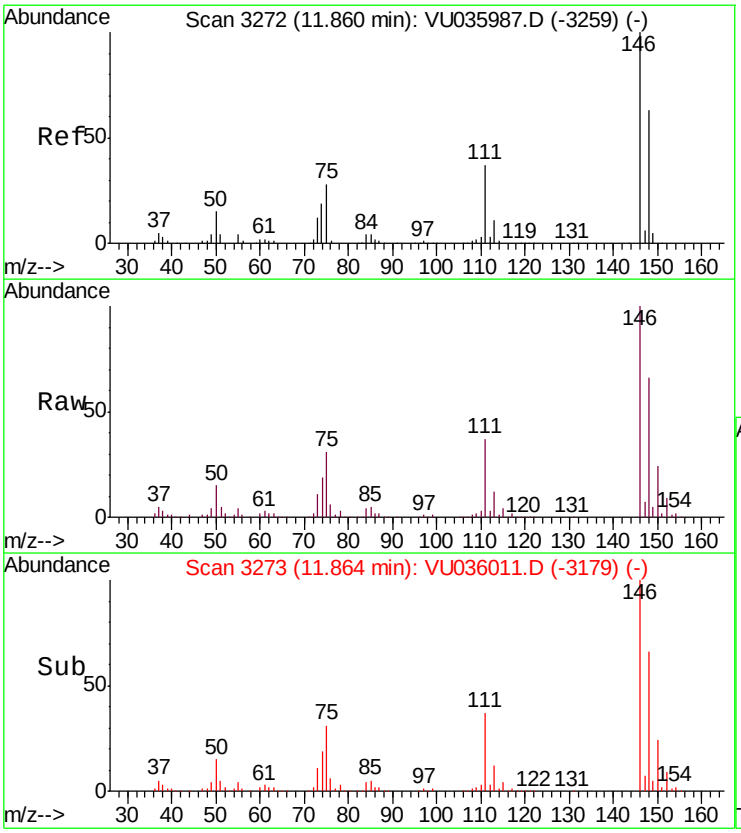
#62
1,3-Dichlorobenzene
Concen: 4.715 ug/L
RT: 11.77 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:146 Resp: 230475

Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.6	51.4
148	65.4	43.4	80.6

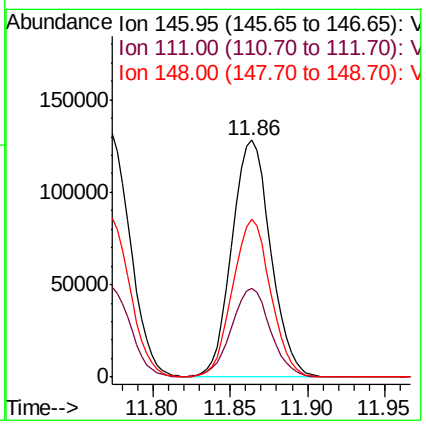


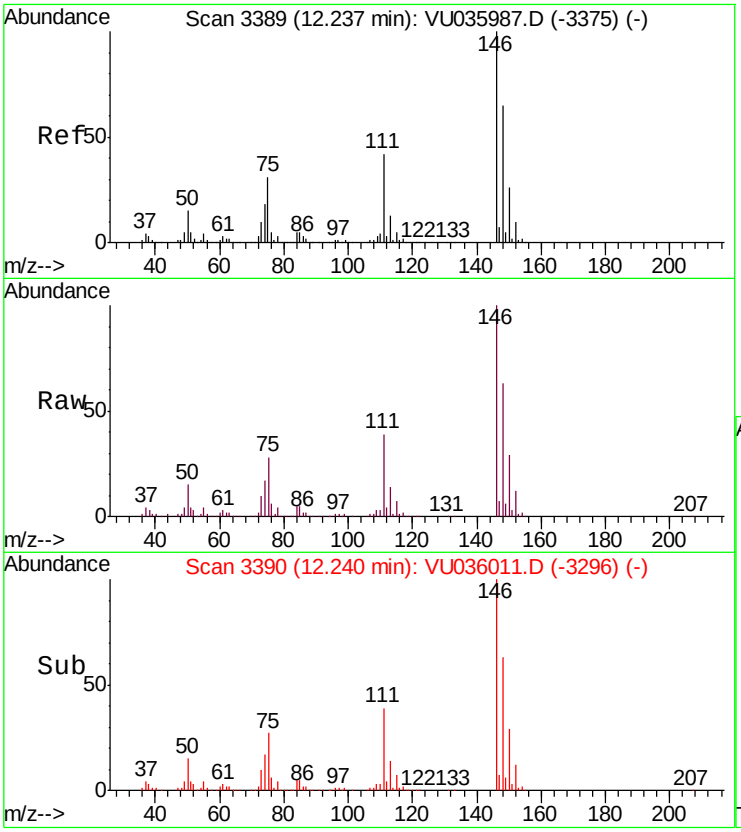


#63
1,4-Dichlorobenzene
Concen: 4.603 ug/L
RT: 11.86 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:146 Resp: 223293

Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.5	52.9
148	66.5	44.4	82.5



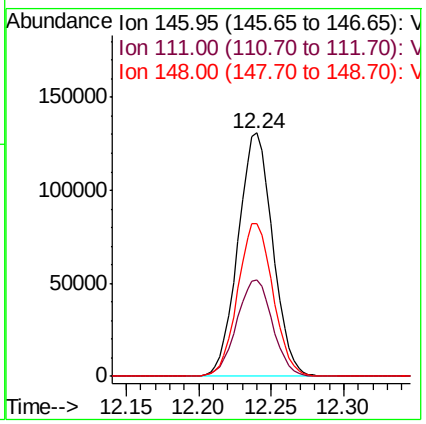


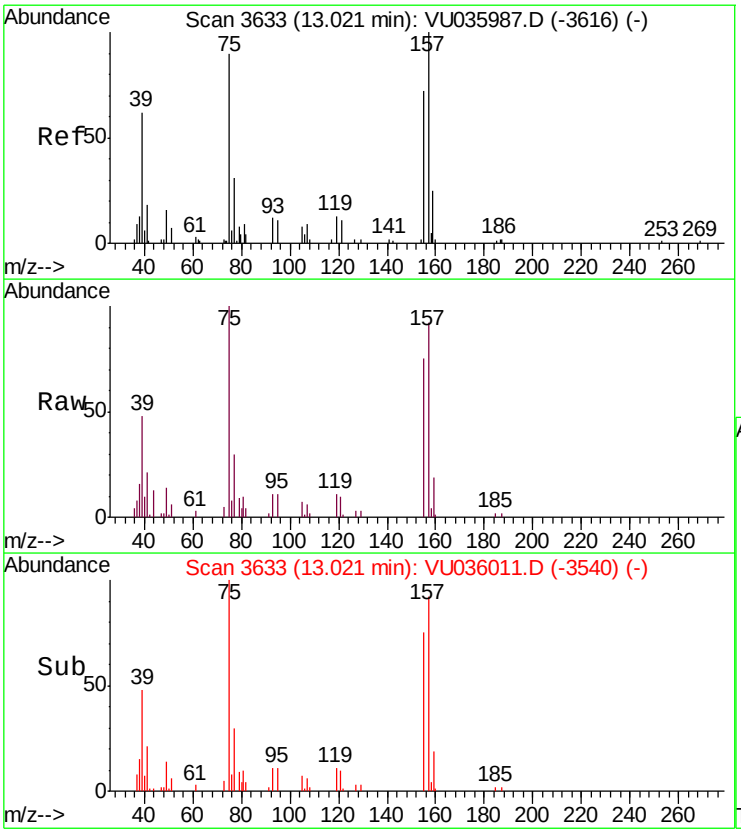
#65
1,2-Dichlorobenzene
Concen: 4.681 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:146 Resp: 218668

Ion	Ratio	Lower	Upper
146	100		
111	39.5	32.6	48.8
148	62.6	50.9	76.3

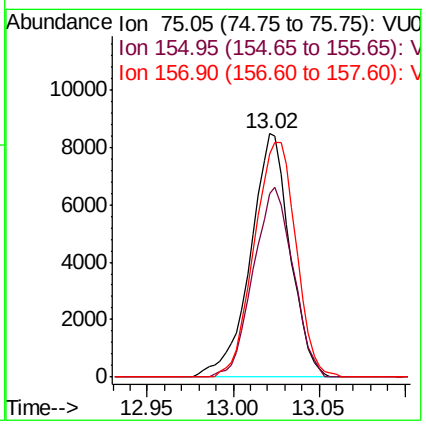


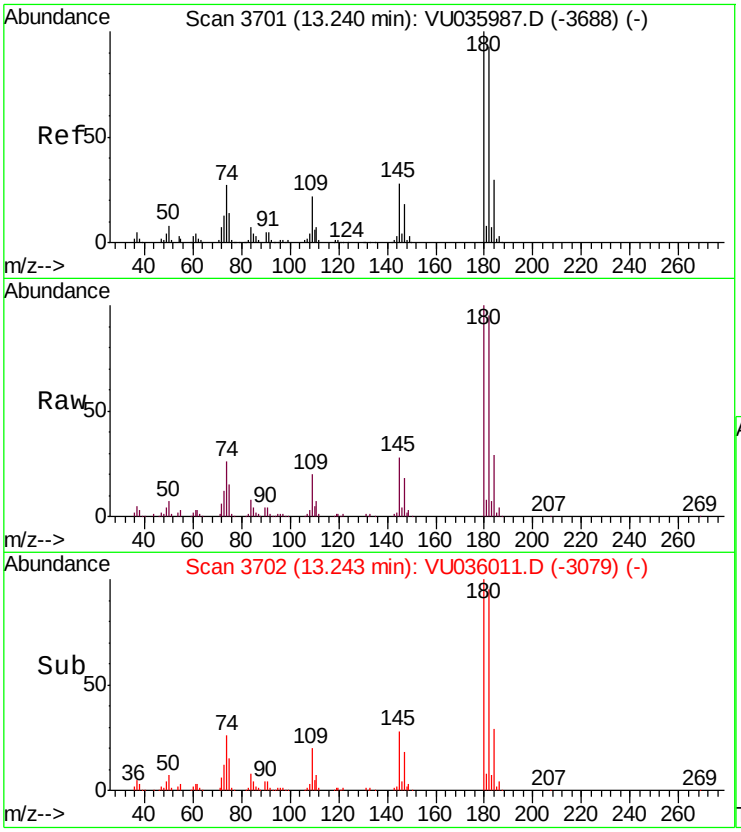


#66
1,2-Dibromo-3-chloropropane
Concen: 3.705 ug/L
RT: 13.02 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion: 75 Resp: 13482

Ion	Ratio	Lower	Upper
75	100		
155	75.3	55.1	82.7
157	91.7	74.0	111.0



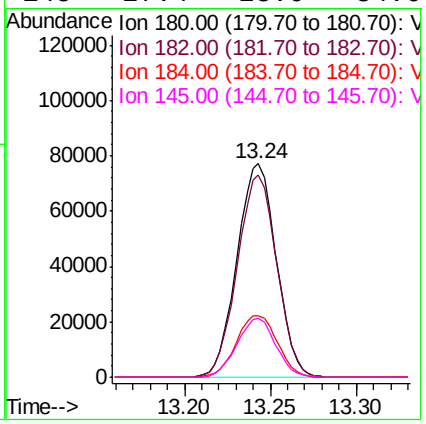


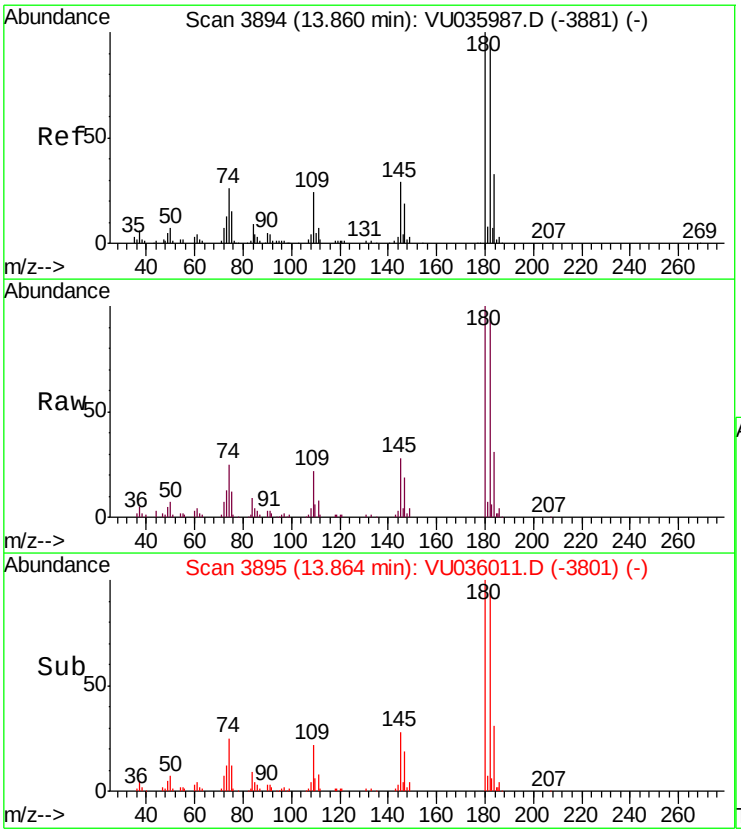
#67
1,3,5-Trichlorobenzene
Concen: 3.660 ug/L
RT: 13.24 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:180 Resp: 122115

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.2	115.8
184	30.2	24.5	36.7
145	27.4	23.0	34.6

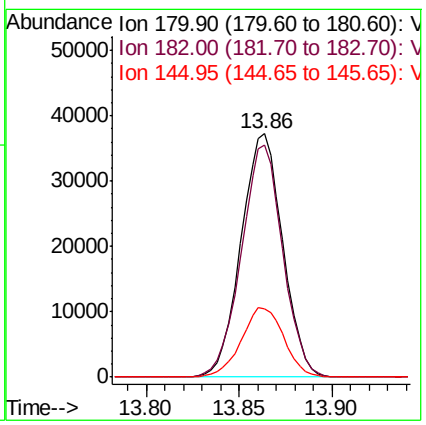


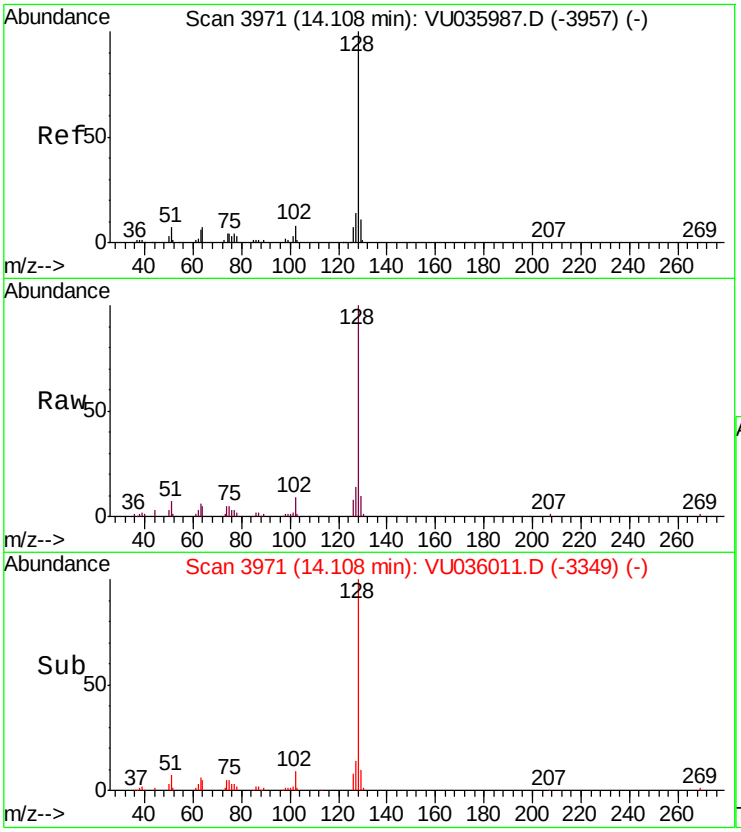


#68
1,2,4-trichlorobenzene
Concen: 3.262 ug/L
RT: 13.86 min Scan# 3895
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:180 Resp: 58318

Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.5	111.7
145	29.2	23.4	35.0



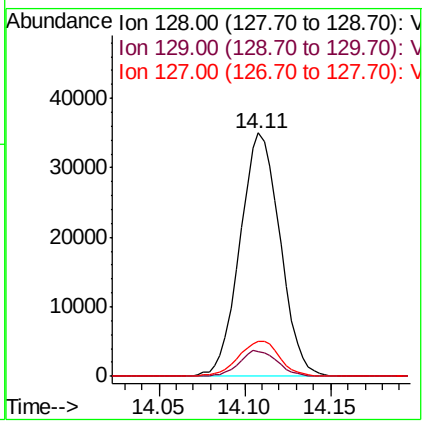


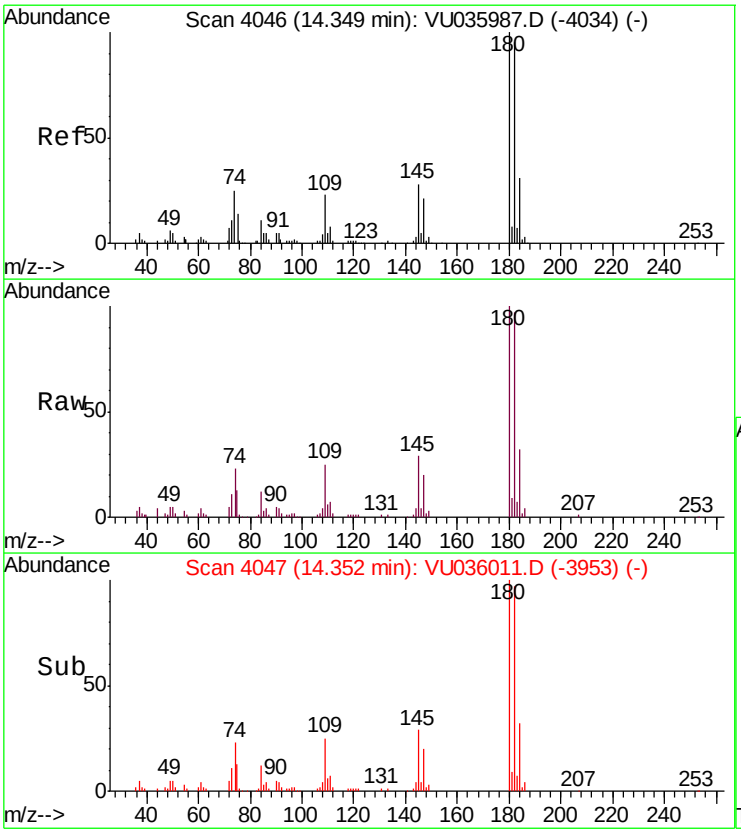
#69
Naphthalene
Concen: 2.776 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Tgt Ion:128 Resp: 56512

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.4	12.6
127	15.0	10.6	15.8





#70
1,2,3-Trichlorobenzene
Concen: 3.264 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU036011.D
Acq: 05 Dec 2019 22:18

Tgt Ion:180 Resp: 57791

Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.6	112.0
145	31.2	24.3	36.5