Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

Quantitation Report (Not Reviewed)

Data File : VU034701.D
Acq On : 20 Sep 2019 20:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Quant Time: Sep 21 02:35:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	489214	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	470995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	234930	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	194750	38.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.78%			
7) Chloroethane-d5	1.67	69	160765	41.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.06%			
11) 1,1-Dichloroethene-d2	2.26	63	364708	43.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.00%			
21) 2-Butanone-d5	4.15	46	401649	104.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.64%			
24) Chloroform-d	4.62	84	351315	48.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.50%			
26) 1,2-Dichloroethane-d4	5.29	65	248271	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.78%			
32) Benzene-d6	5.32	84	672435	46.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.12%			
36) 1,2-Dichloropropane-d6	6.31	67	235181	46.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.18%			
41) Toluene-d8	7.54	98	636003	45.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.58%			
43) trans-1,3-Dichloropropene-	7.83	79	114903	47.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.04%			
47) 2-Hexanone-d5	8.29	63	258615	100.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.91%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	333278	47.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.14%			
64) 1,2-Dichlorobenzene-d4	11.84	152	223388	45.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.70%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	245766	48.742	ug/L	99
3) Chloromethane	1.32	50	282550	46.782	ug/L	99
5) Vinyl chloride	1.40	62	264812	48.005	ug/L	98
6) Bromomethane	1.62	94	141861	47.087	ug/L	97
8) Chloroethane	1.69	64	154978	48.802	ug/L	96
9) Trichlorofluoromethane	1.87	101	332734	47.838	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	153992	46.175	ug/L	98
12) 1,1-Dichloroethene	2.27	96	155576	48.606	ug/L	88
13) Acetone	2.31	43	288338	64.577	ug/L	99
14) Carbon disulfide	2.46	76	516928	47.865	ug/L	98
15) Methyl Acetate	2.60	43	300581	50.396	ug/L	99
16) Methylene chloride	2.68	84	194789	48.043	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	169964	48.568	ug/L	94
18) Methyl tert-butyl Ether	2.98	73	642511	49.489	ug/L	100
19) 1,1-Dichloroethane	3.42	63	391333	48.747	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	202508	49.492	ug/L	96
22) 2-Butanone	4.23	43	449603	84.640	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

Quantitation Report (Not Reviewed)

Data File : VU034701.D
Acq On : 20 Sep 2019 20:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Quant Time: Sep 21 02:35:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	96335	49.188	ug/L	98
25) Chloroform	4.65	83	368798	46.652	ug/L	98
27) 1,2-Dichloroethane	5.38	62	336446	49.268	ug/L	98
29) Cyclohexane	4.97	56	365459	47.010	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	309224	48.238	ug/L	98
31) Carbon tetrachloride	5.11	117	263681	48.263	ug/L	97
33) Benzene	5.36	78	811316	49.667	ug/L	100
34) Trichloroethene	6.16	95	195960	48.574	ug/L	98
35) Methylcyclohexane	6.39	83	325540	47.550	ug/L	97
37) 1,2-Dichloropropane	6.41	63	236137	48.547	ug/L	100
38) Bromodichloromethane	6.73	83	282163	47.835	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	360474	49.323	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	917951	98.850	ug/L	99
42) Toluene	7.61	91	867584	49.144	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	325204	49.359	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	193896	49.767	ug/L	98
46) Tetrachloroethene	8.21	164	143383	50.527	ug/L	98
48) 2-Hexanone	8.34	43	676680	93.299	ug/L	97
49) Dibromochloromethane	8.45	129	215795	49.691	ug/L	93
50) 1,2-Dibromoethane	8.56	107	210400	50.107	ug/L	95
51) Chlorobenzene	9.10	112	524112	48.838	ug/L	100
52) Ethylbenzene	9.23	91	963589	48.471	ug/L	100
53) m,p-Xylene	9.35	106	343075	48.723	ug/L	96
54) o-xylene	9.76	106	346482	49.750	ug/L	98
55) Styrene	9.77	104	590443	50.085	ug/L	99
56) Isopropylbenzene	10.14	105	907724	48.338	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	363841	48.621	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	286674	47.188	ug/L	97
61) Bromoform	9.94	173	151481	46.832	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	388573	47.761	ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	388789	46.911	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	387492	47.137	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.63	75	86142	49.300	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	255401	46.852	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	221667	51.710	ug/L	99
69) Naphthalene	13.72	128	780215	52.576	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	225658	51.160	ug/L	95

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

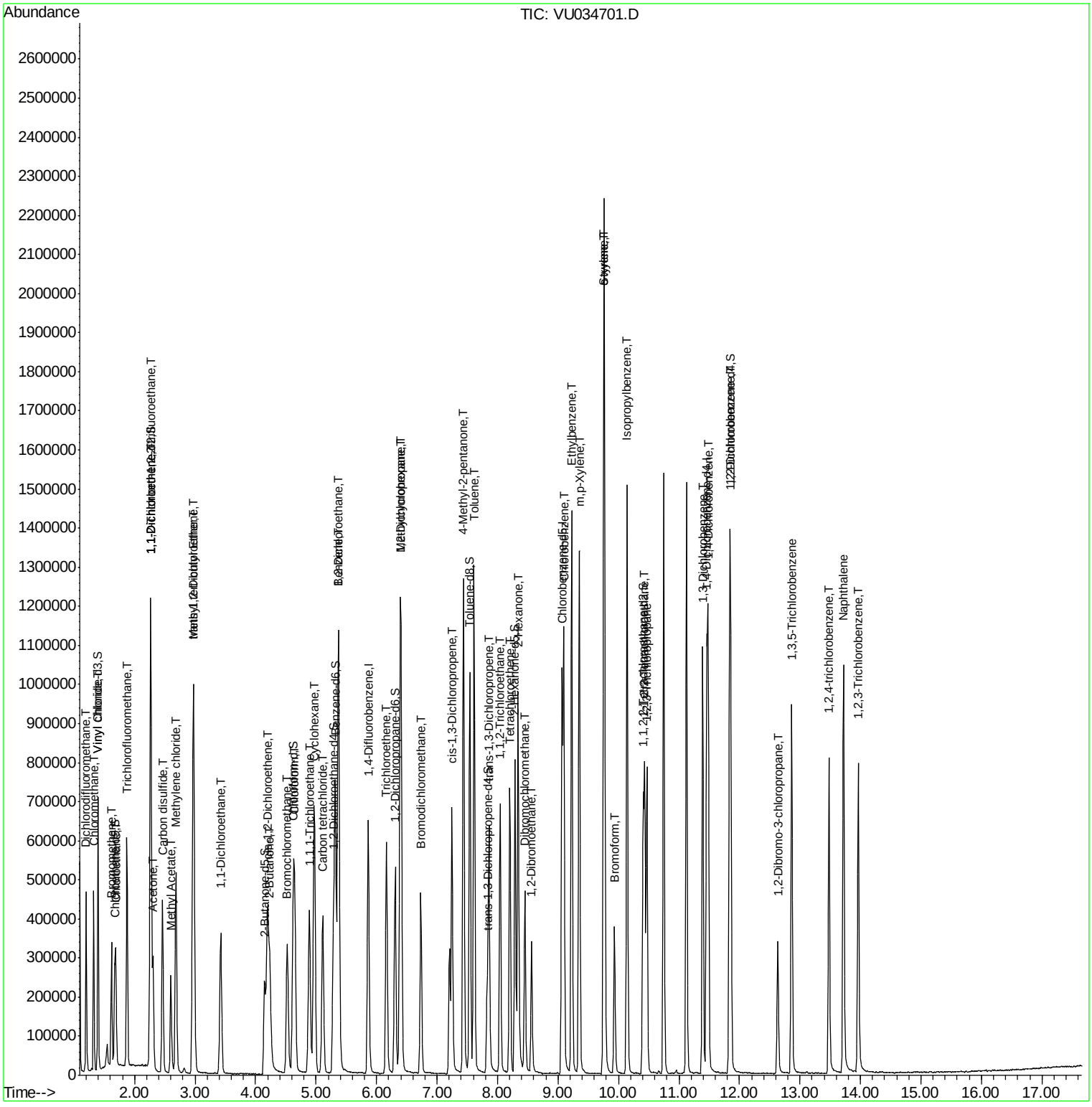
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

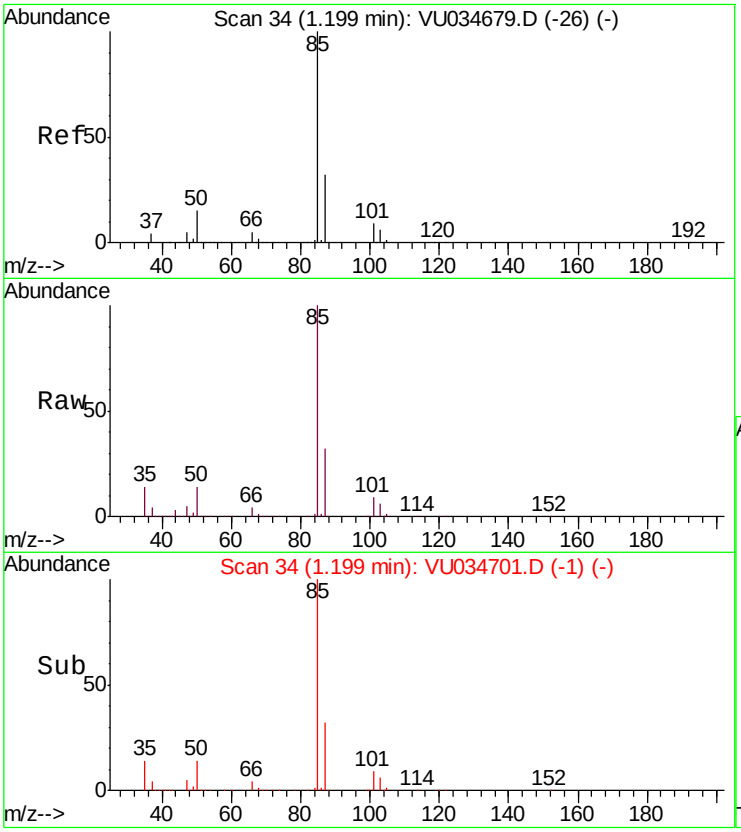
Quantitation Report (Not Reviewed)

Data File : VU034701.D
Acq On : 20 Sep 2019 20:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Quant Time: Sep 21 02:35:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration



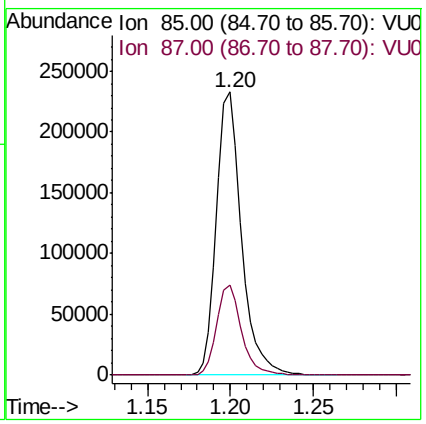


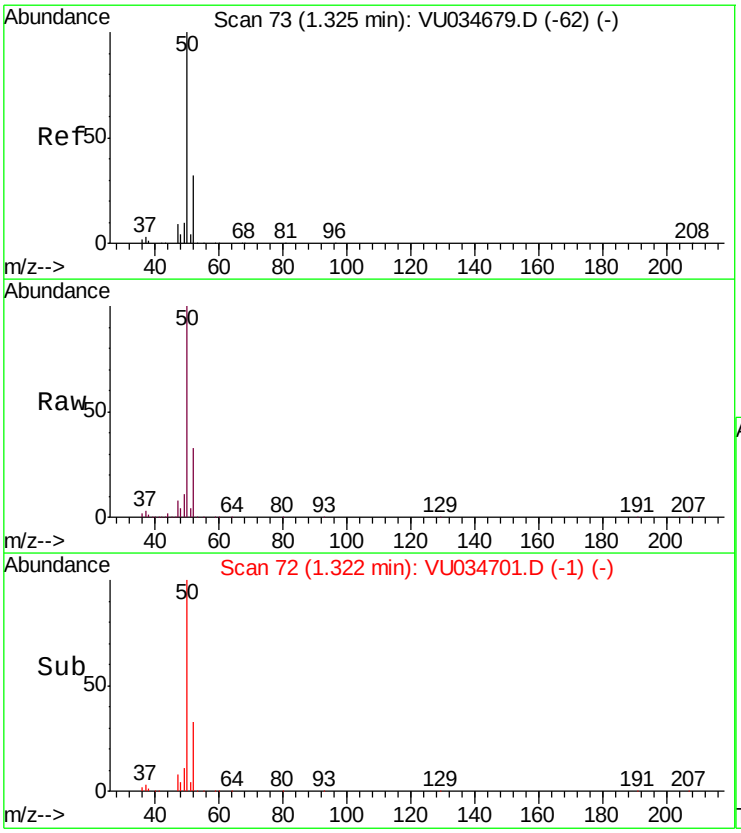
#2
Dichlorodifluoromethane
Concen: 48.742 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 85 Resp: 245766

Ion	Ratio	Lower	Upper
85	100		
87	31.4	25.5	38.3

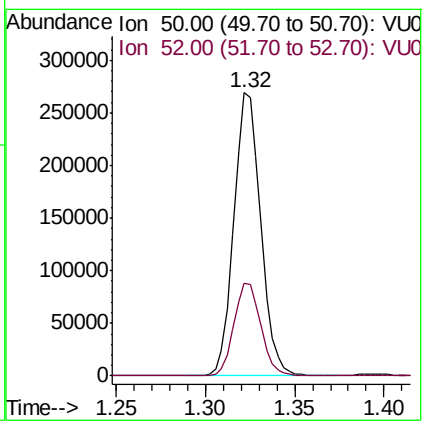


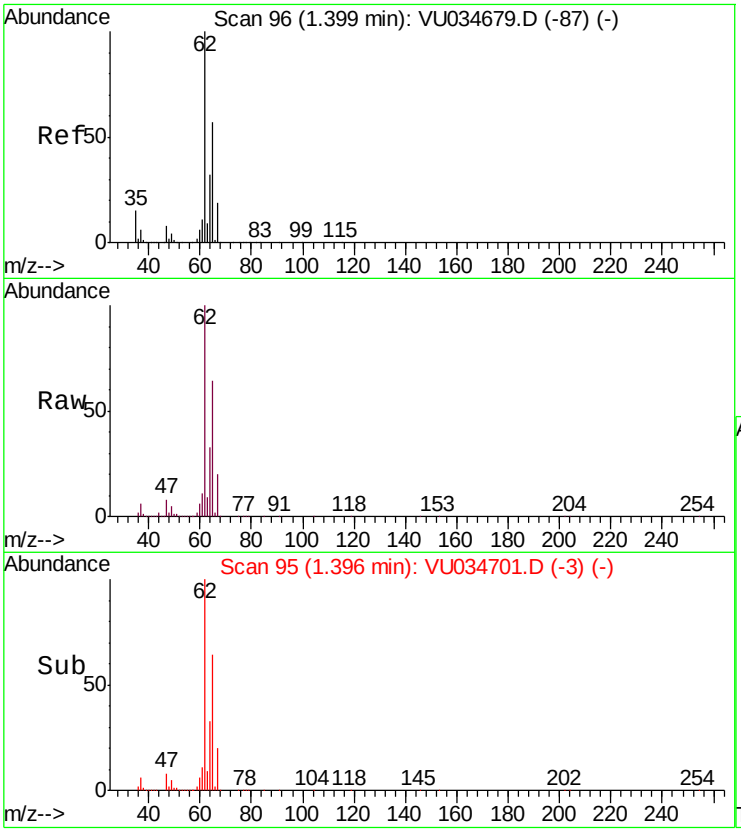


#3
Chloromethane
Concen: 46.782 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 50 Resp: 282550

Ion	Ratio	Lower	Upper
50	100		
52	32.9	22.7	42.1



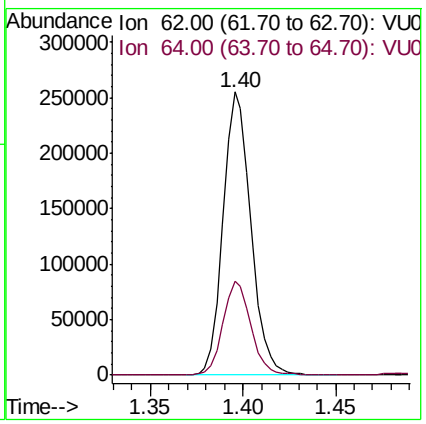


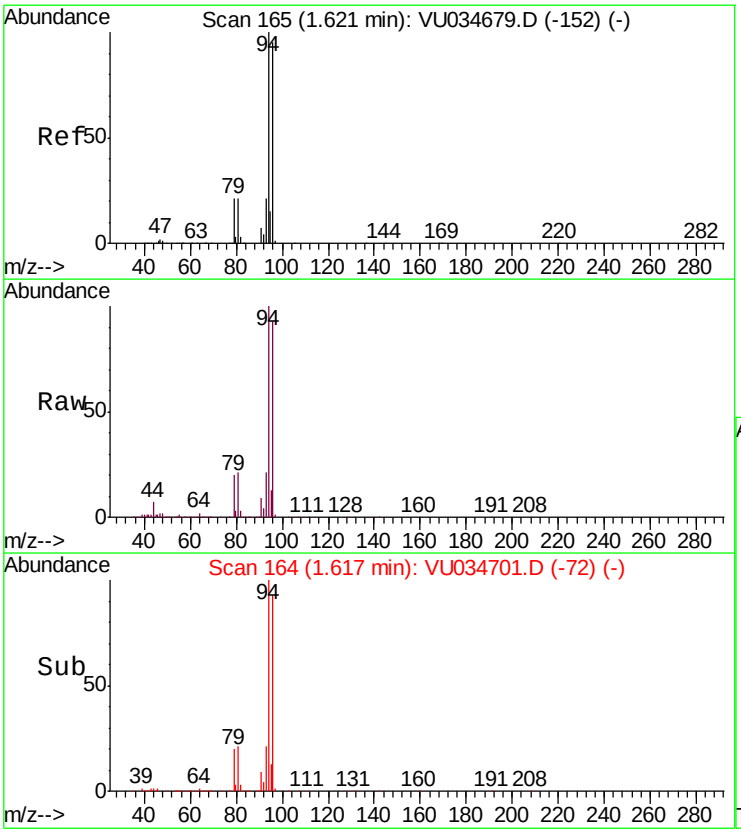
#5
Vinyl chloride
Concen: 48.005 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 62 Resp: 264812

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.2	41.2

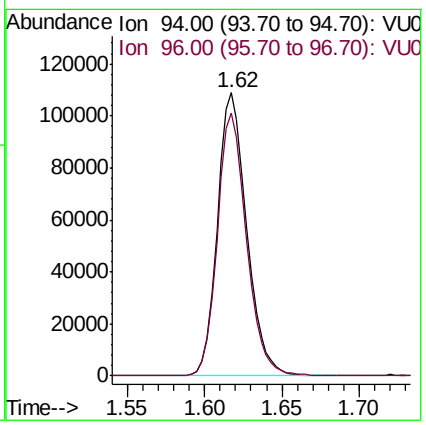


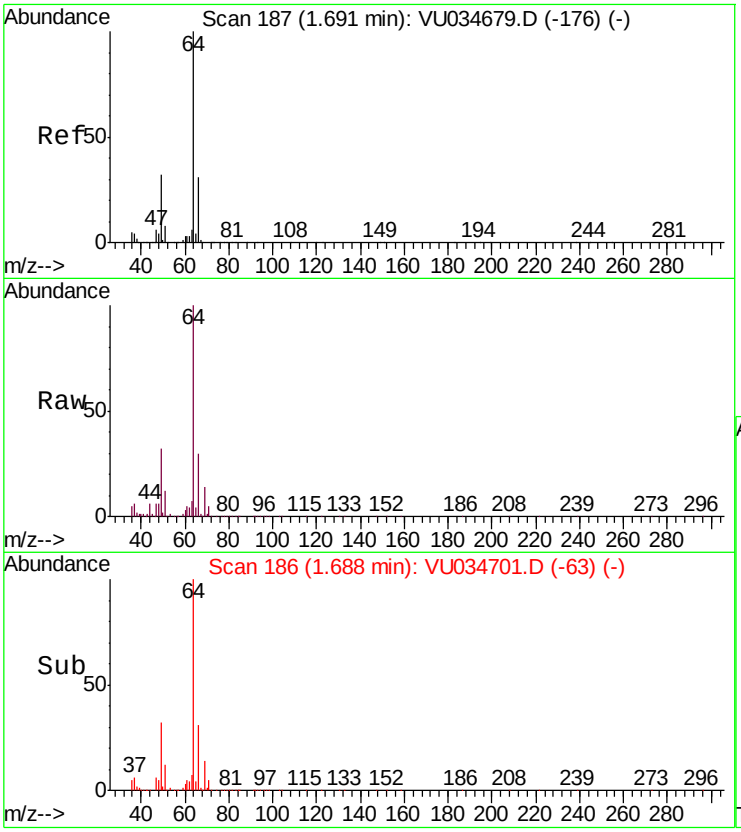


#6
Bromomethane
Concen: 47.087 ug/L
RT: 1.62 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 94 Resp: 141861

Ion	Ratio	Lower	Upper
94	100		
96	92.7	62.8	116.6



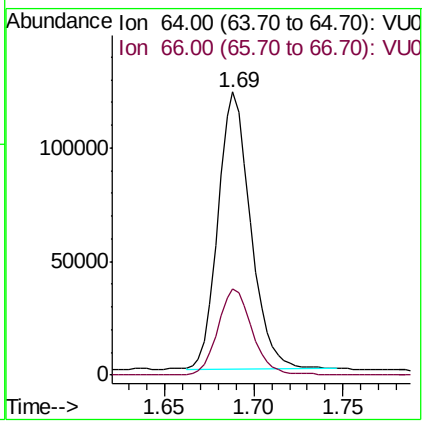


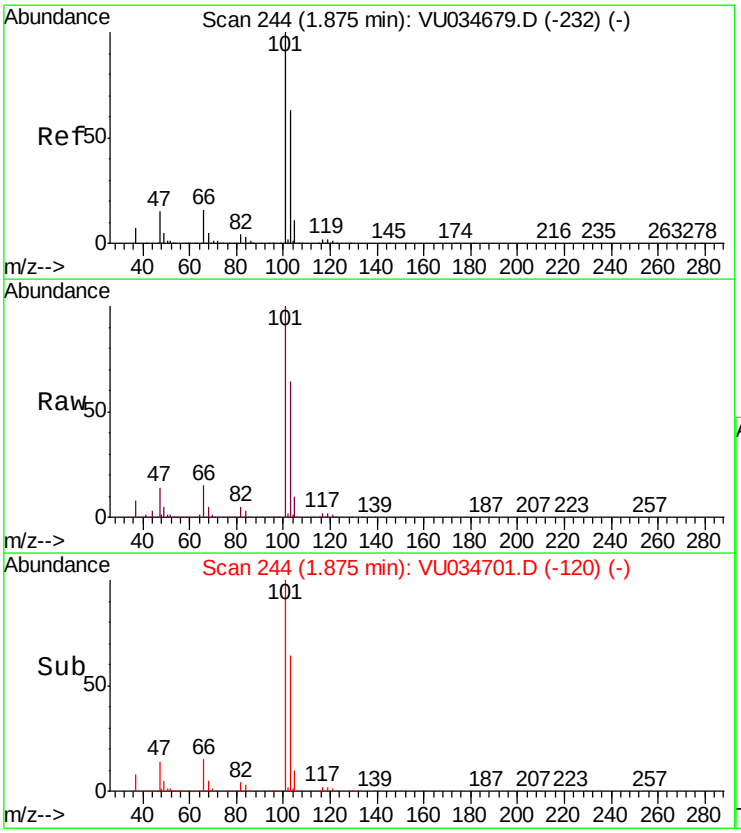
#8
Chloroethane
Concen: 48.802 ug/L
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 64 Resp: 154978

Ion	Ratio	Lower	Upper
64	100		
66	30.5	23.1	42.9

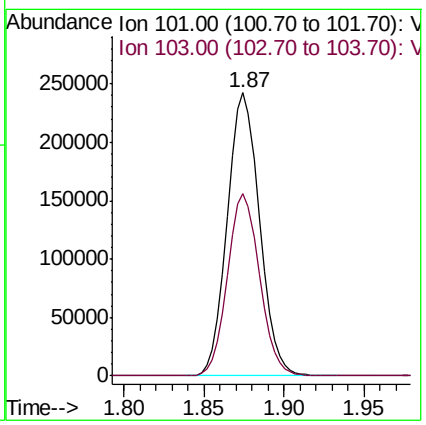


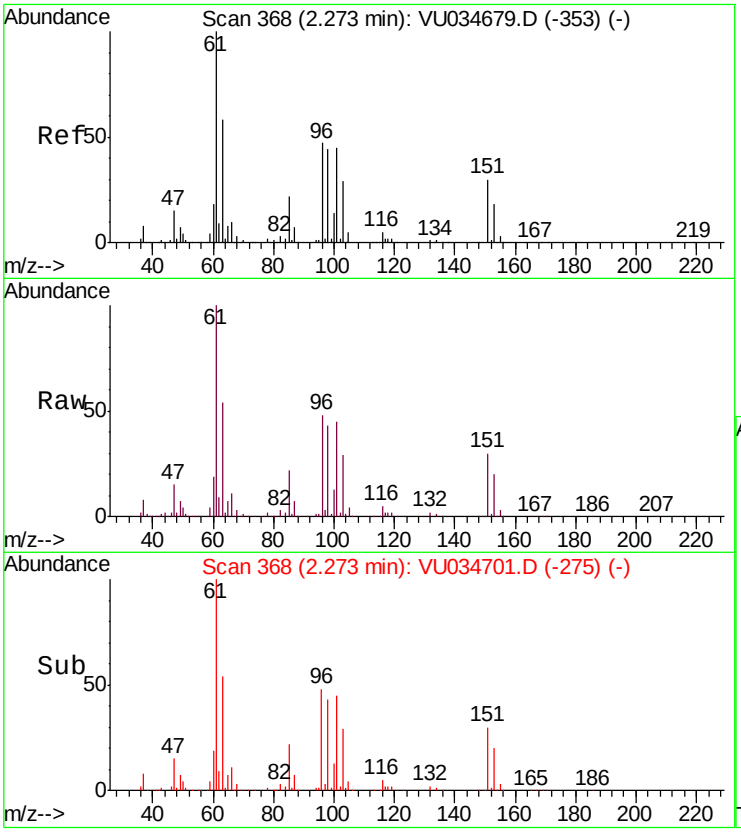


#9
Trichlorofluoromethane
Concen: 47.838 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:101 Resp: 332734

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.8



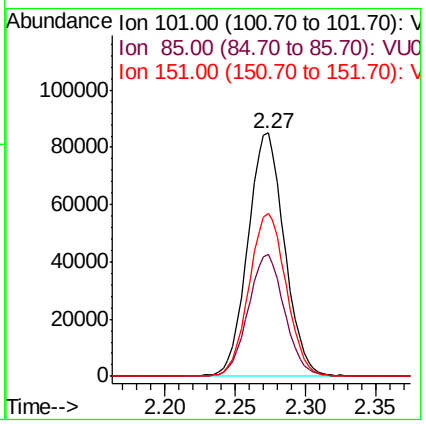


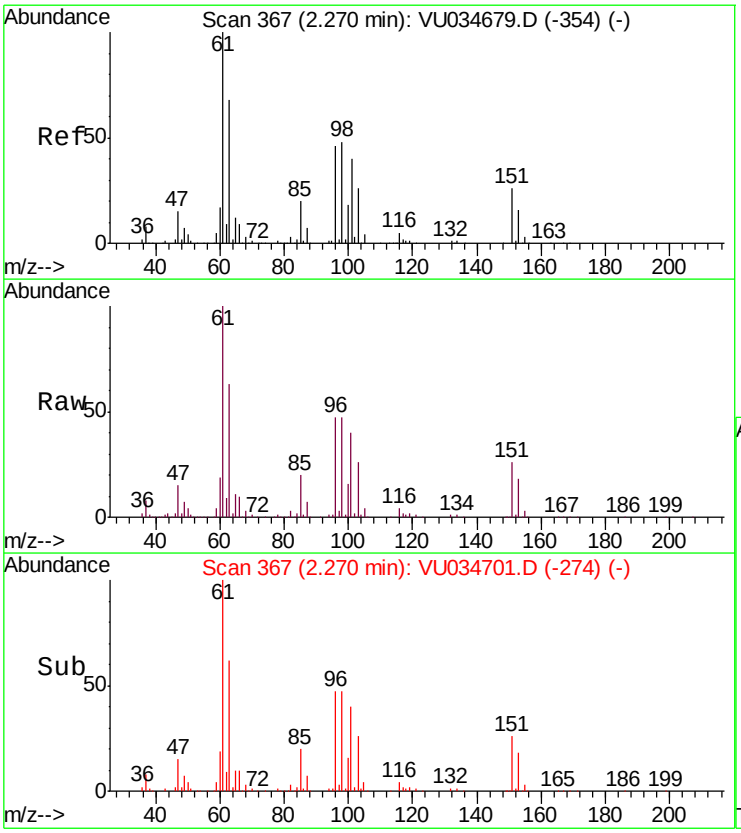
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.175 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:101 Resp: 153992

Ion	Ratio	Lower	Upper
101	100		
85	49.9	39.0	58.4
151	68.2	52.8	79.2

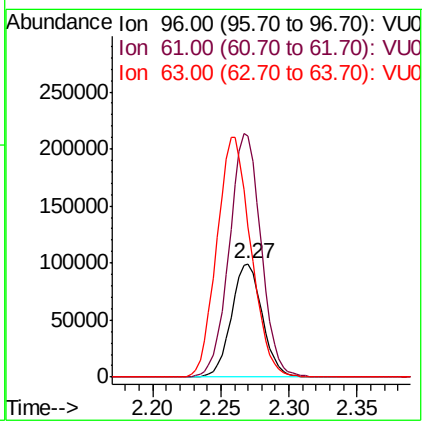


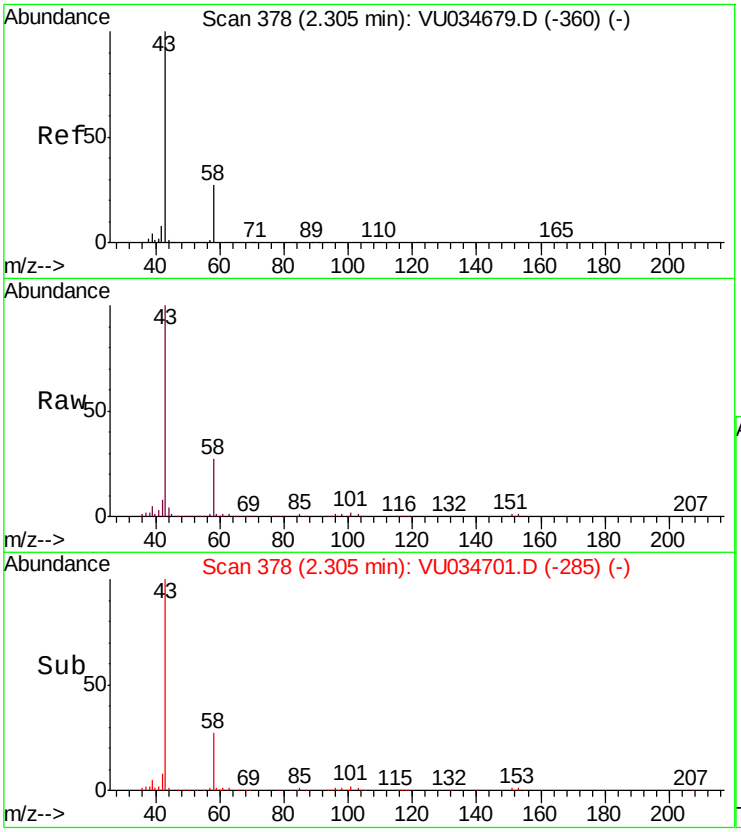


#12
1,1-Dichloroethene
Concen: 48.606 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 96 Resp: 155576

Ion	Ratio	Lower	Upper
96	100		
61	212.6	153.2	284.4
63	133.1	113.8	211.3



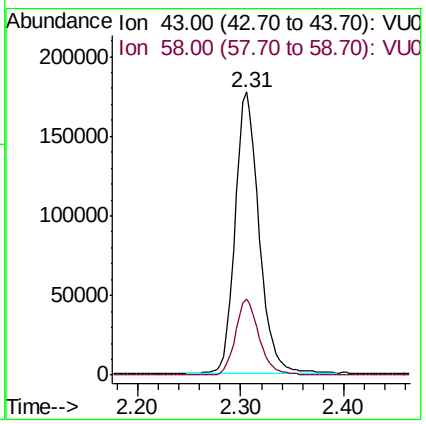


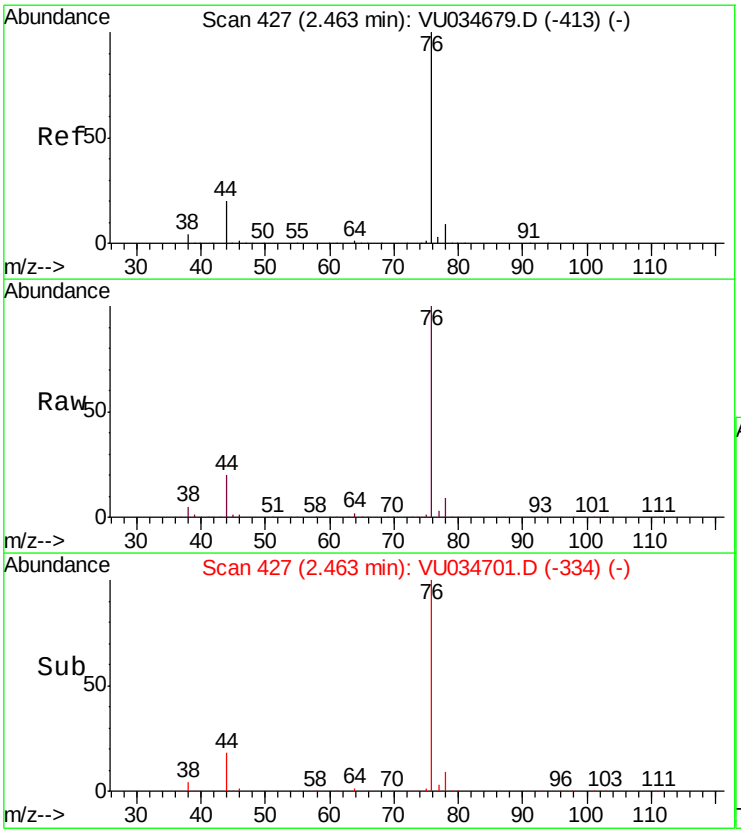
#13
Acetone
Concen: 64.577 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 43 Resp: 288338

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	53.4

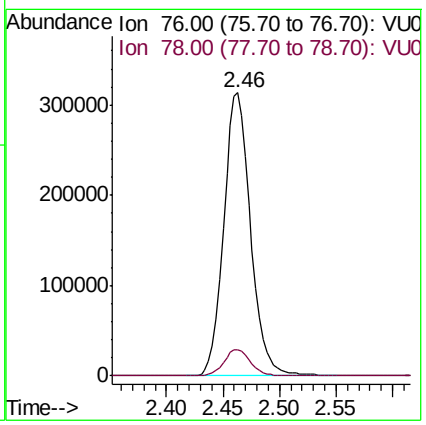


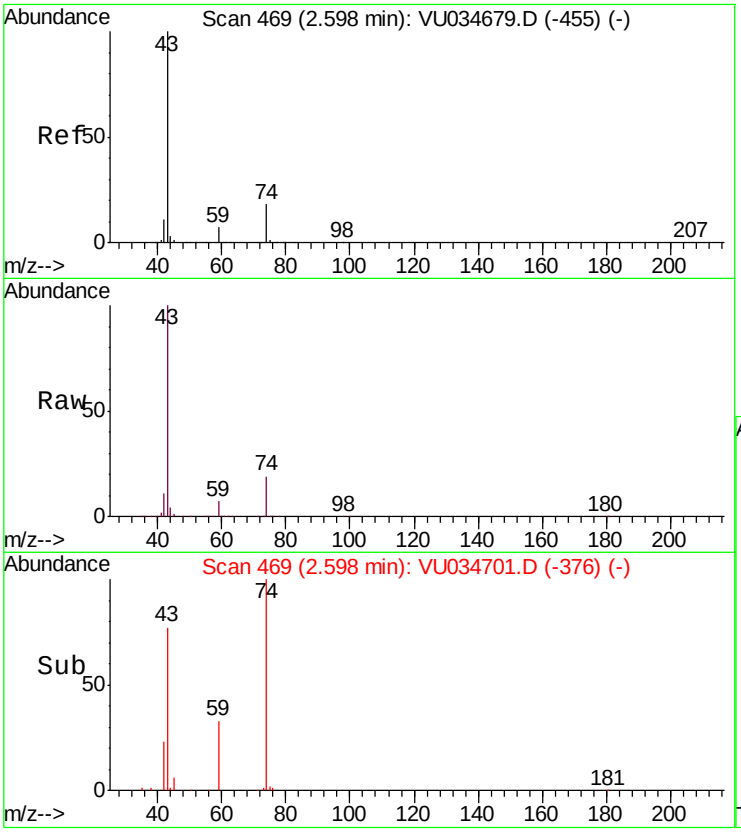


#14
Carbon disulfide
Concen: 47.865 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 76 Resp: 516928

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3



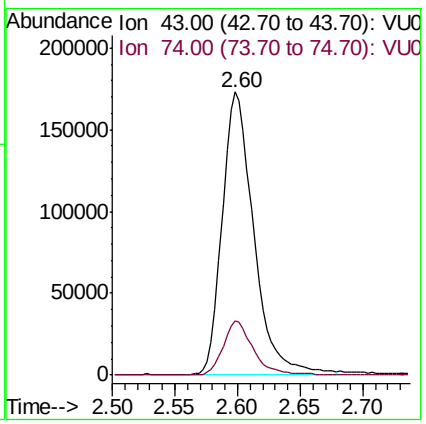


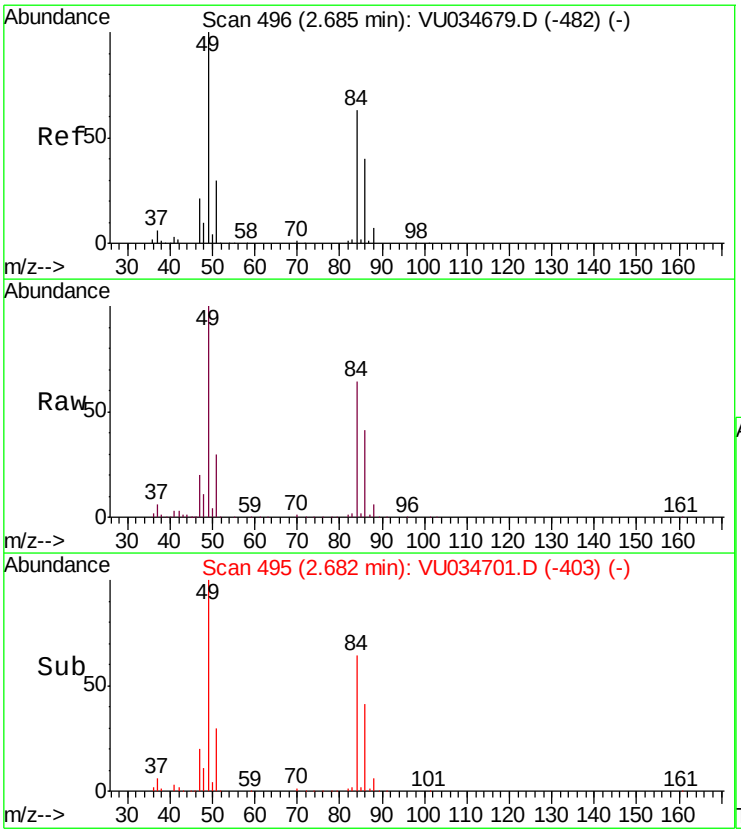
#15
Methyl Acetate
Concen: 50.396 ug/L
RT: 2.60 min Scan# 469
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 43 Resp: 300581

Ion	Ratio	Lower	Upper
43	100		
74	18.4	14.4	21.6

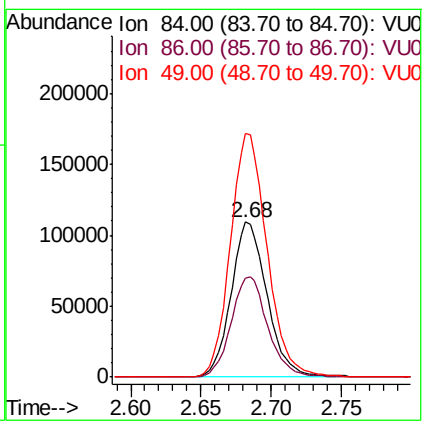


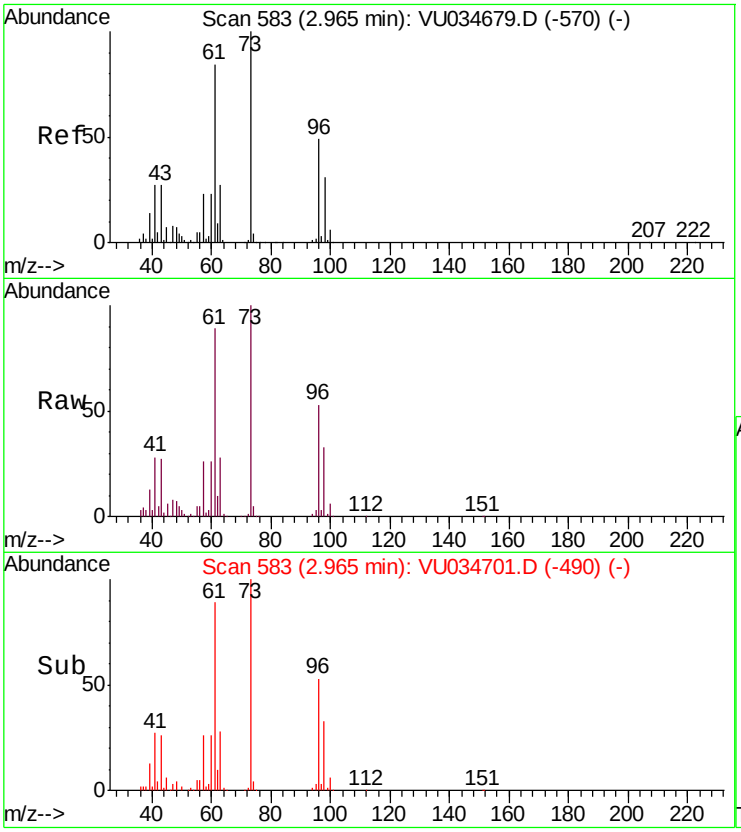


#16
Methylene chloride
Concen: 48.043 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 84 Resp: 194789

Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.0	80.0
49	157.3	109.7	203.7



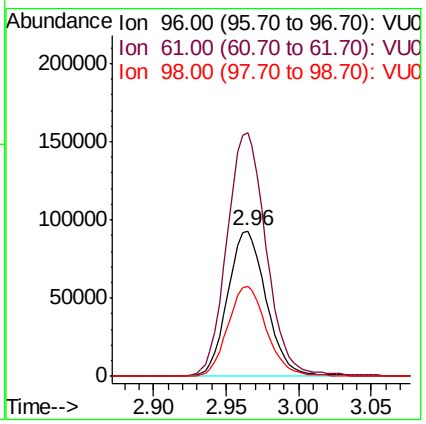


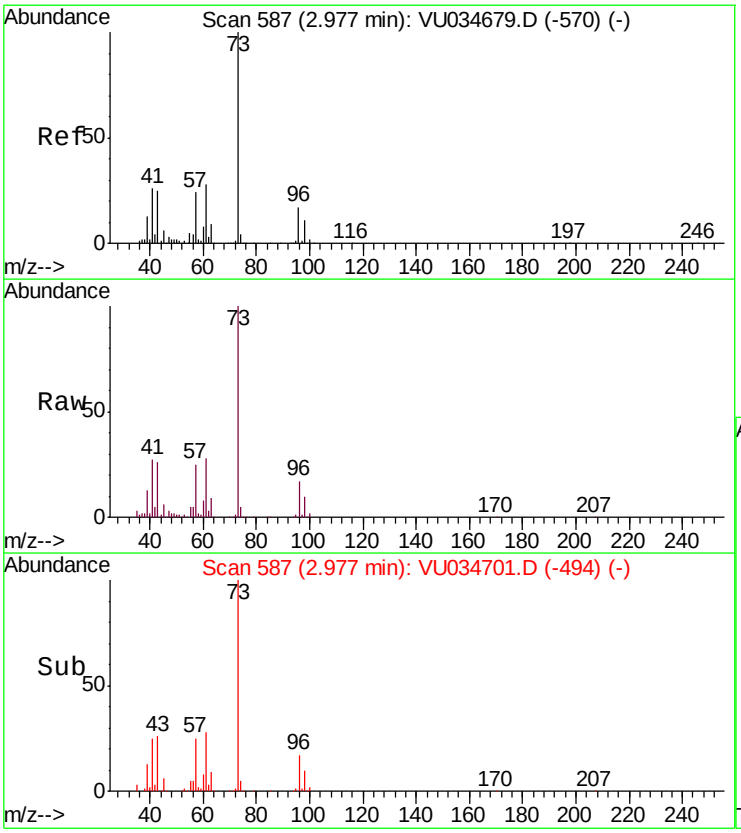
#17
trans-1,2-Dichloroethene
Concen: 48.568 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 96 Resp: 169964

Ion	Ratio	Lower	Upper
96	100		
61	167.9	124.0	230.4
98	62.4	46.1	85.7

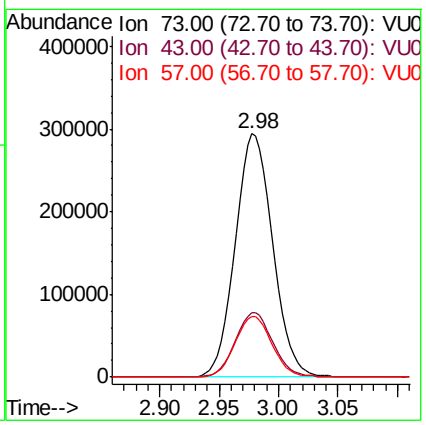


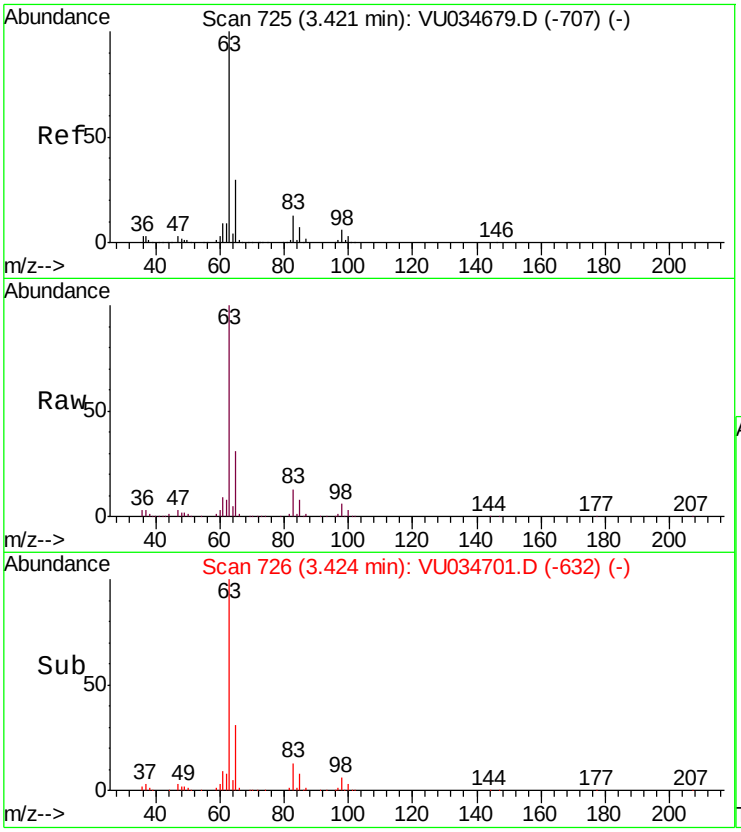


#18
Methyl tert-butyl Ether
Concen: 49.489 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 73 Resp: 642511

Ion	Ratio	Lower	Upper
73	100		
43	26.1	20.9	31.3
57	24.7	19.5	29.3



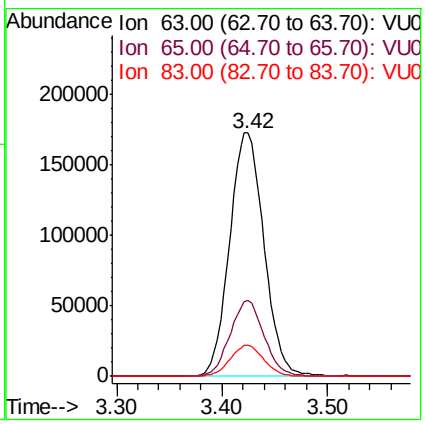


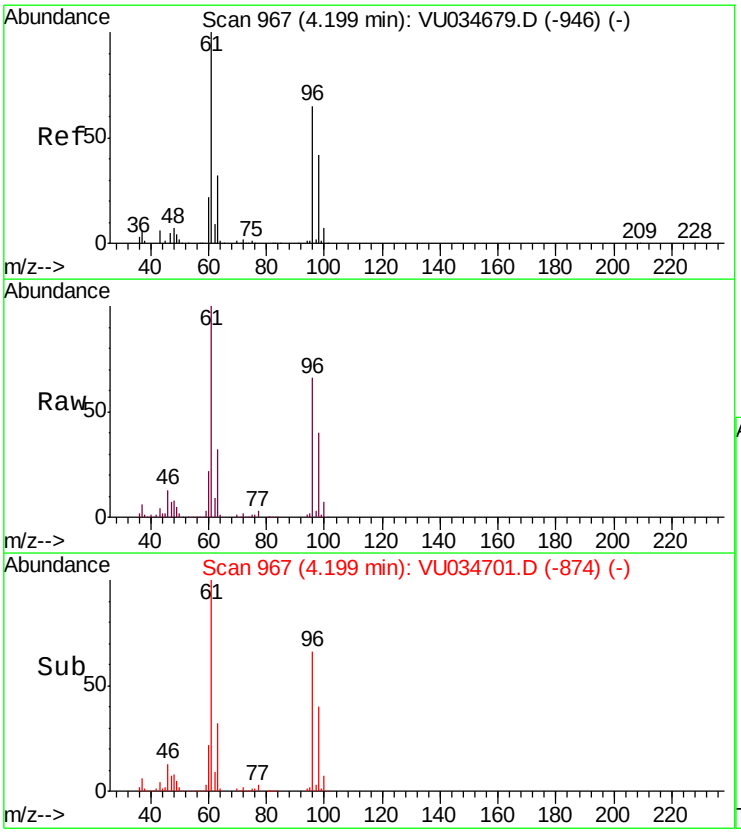
#19
1,1-Dichloroethane
Concen: 48.747 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 63 Resp: 391333

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.0	40.8
83	12.9	8.9	16.5

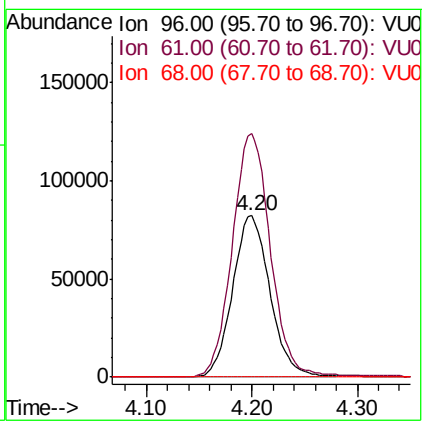


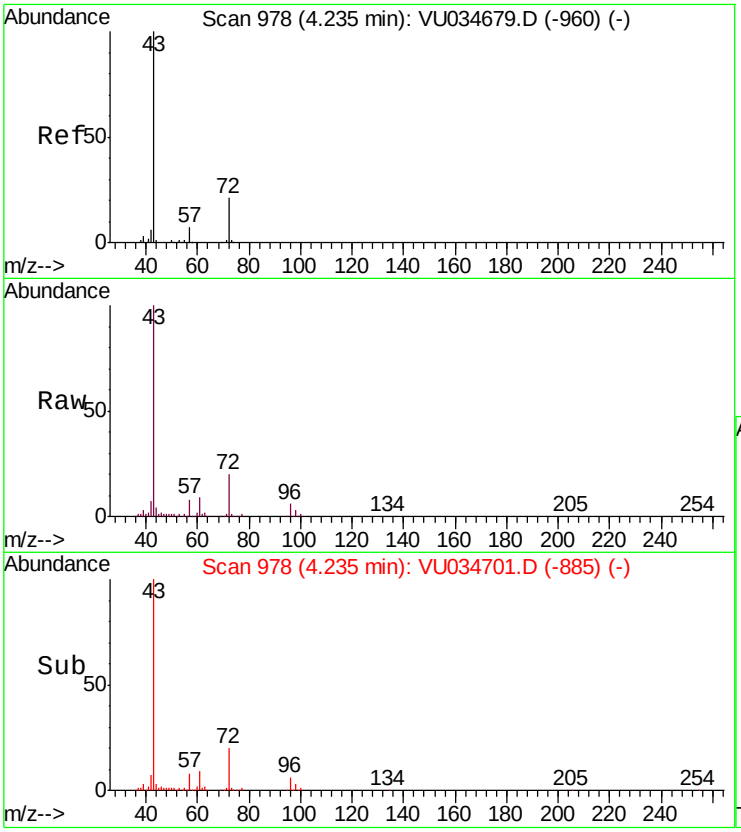


#20
cis-1,2-Dichloroethene
Concen: 49.492 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 96 Resp: 202508

Ion	Ratio	Lower	Upper
96	100		
61	150.8	108.8	202.2
68	0.0	0.0	0.0



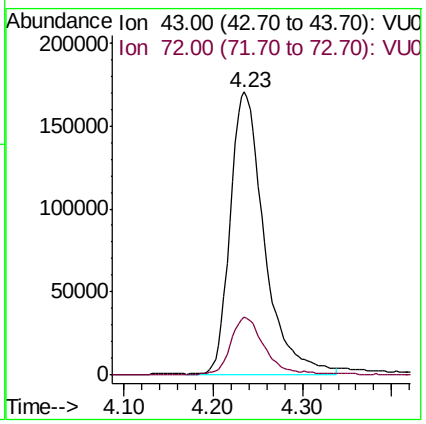


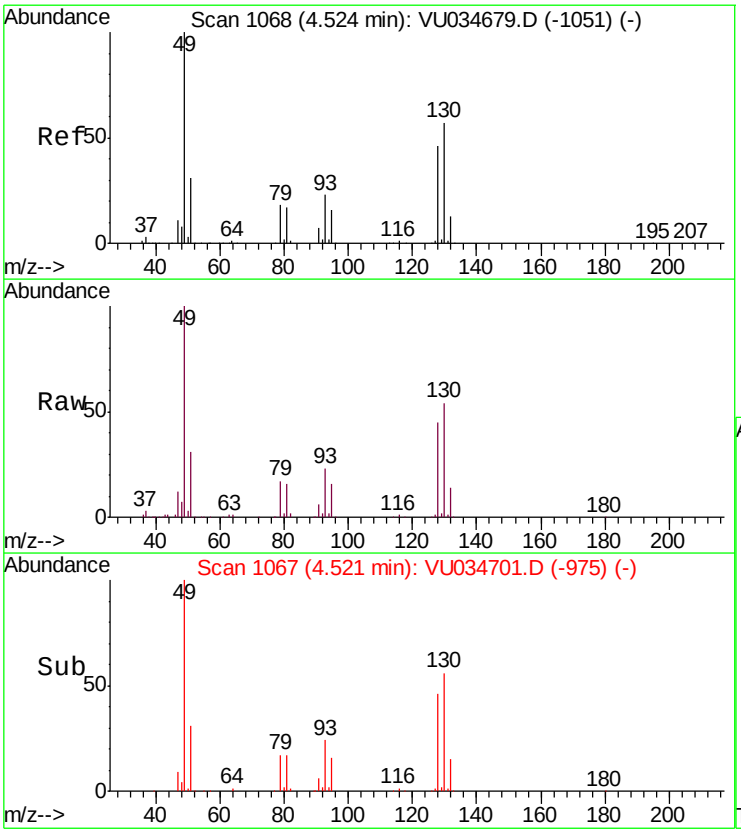
#22
2-Butanone
Concen: 84.640 ug/L
RT: 4.23 min Scan# 978
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 43 Resp: 449603

Ion	Ratio	Lower	Upper
43	100		
72	20.1	10.2	30.6

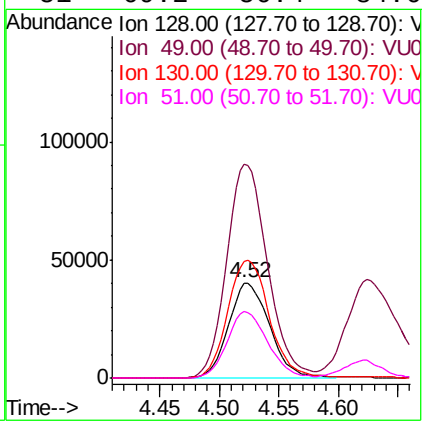


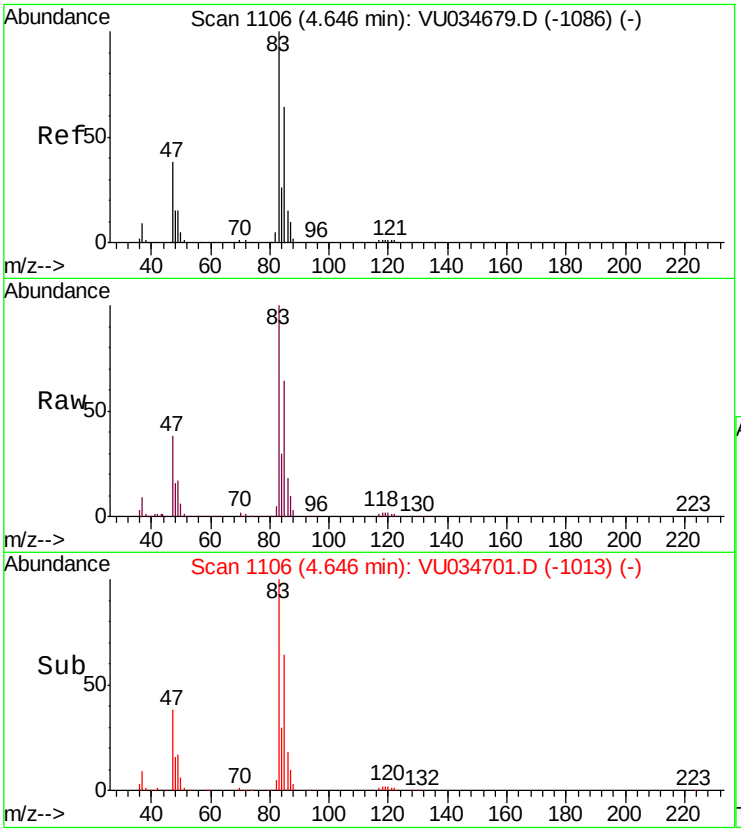


#23
Bromochloromethane
Concen: 49.188 ug/L
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:128 Resp: 96335

Ion	Ratio	Lower	Upper
128	100		
49	224.0	154.3	286.7
130	121.9	83.0	154.2
51	69.2	56.4	84.6



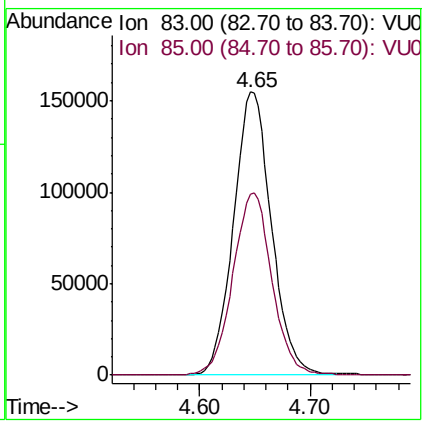


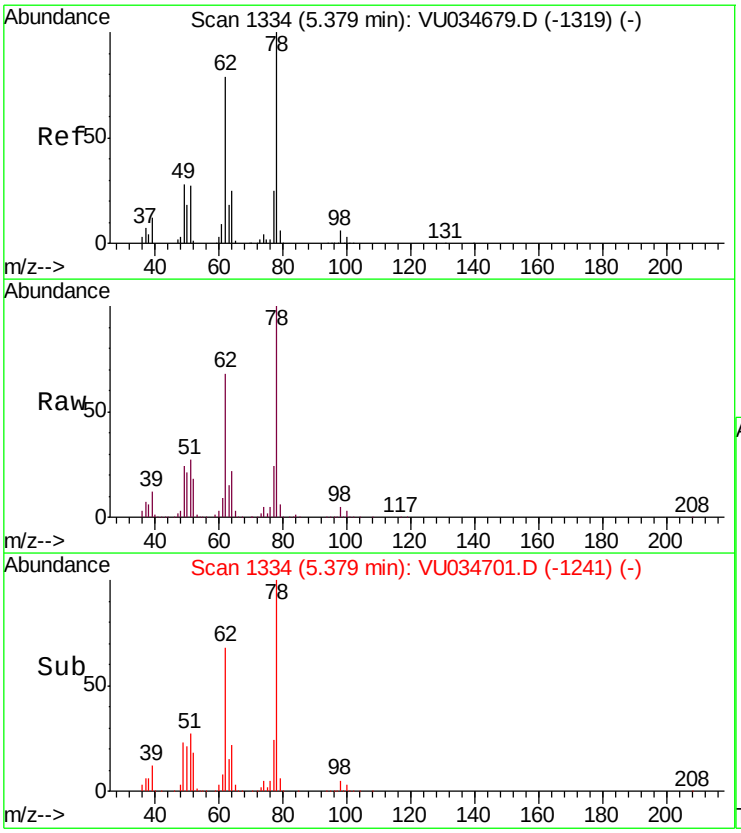
#25
Chloroform
Concen: 46.652 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 83 Resp: 368798

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.0	81.6

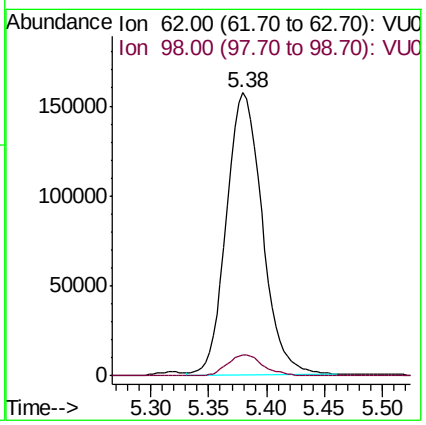


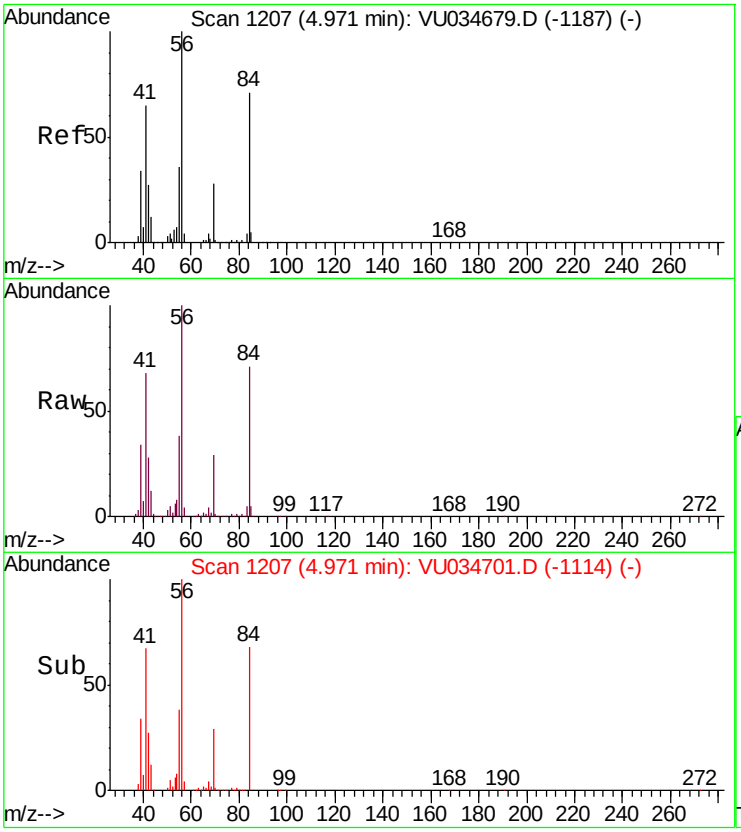


#27
1,2-Dichloroethane
Concen: 49.268 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 62 Resp: 336446

Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.3	7.9



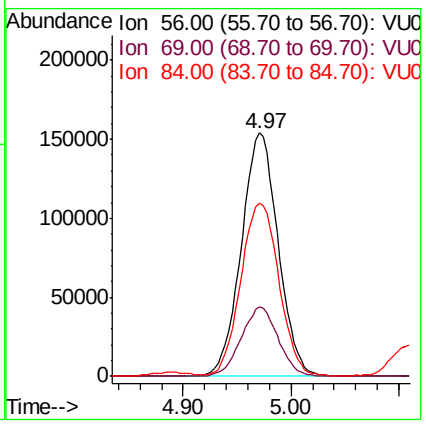


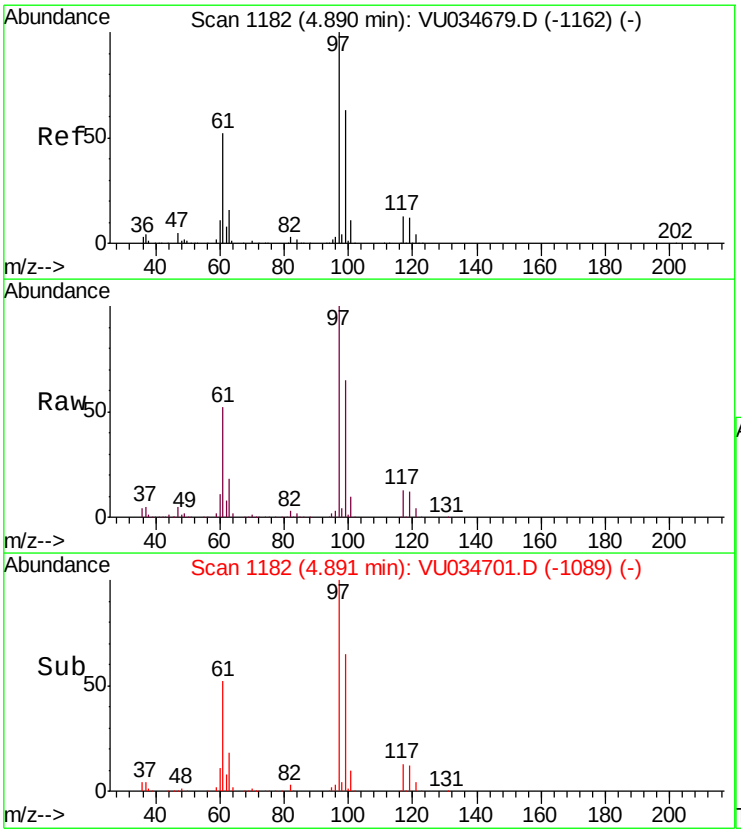
#29
Cyclohexane
Concen: 47.010 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 56 Resp: 365459

Ion	Ratio	Lower	Upper
56	100		
69	28.6	21.7	32.5
84	73.7	58.8	88.2

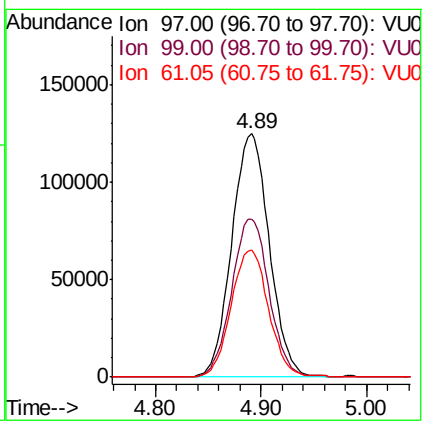


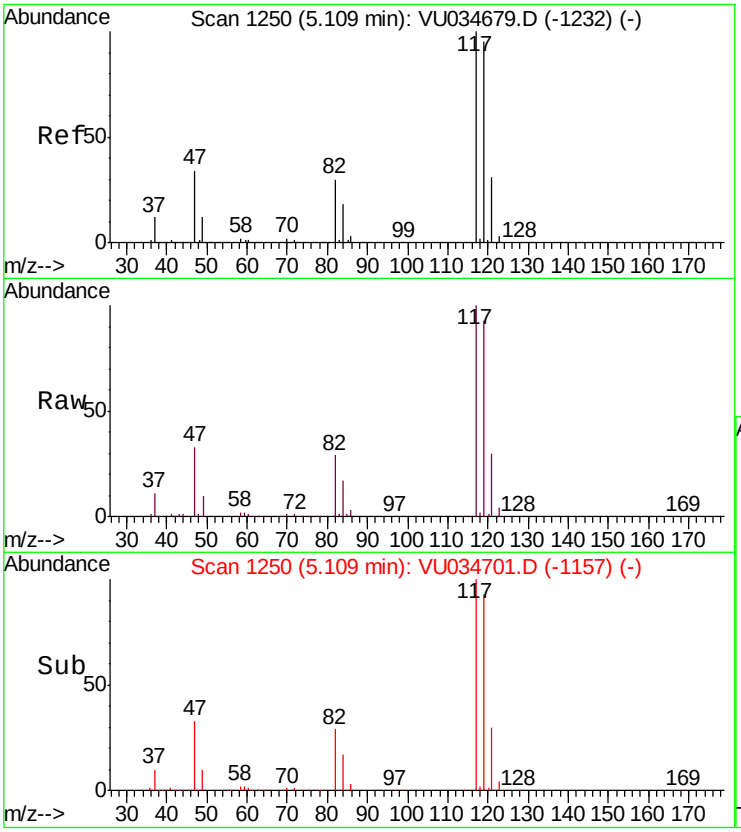


#30
1,1,1-Trichloroethane
Concen: 48.238 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 97 Resp: 309224

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	51.5	43.4	65.0



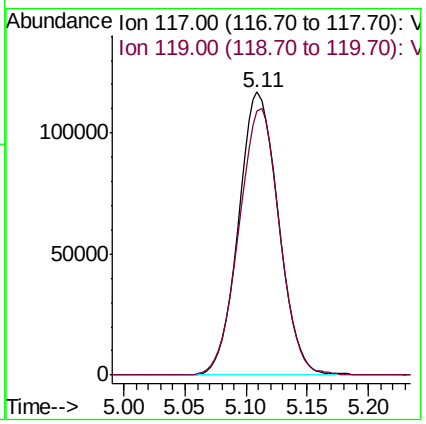


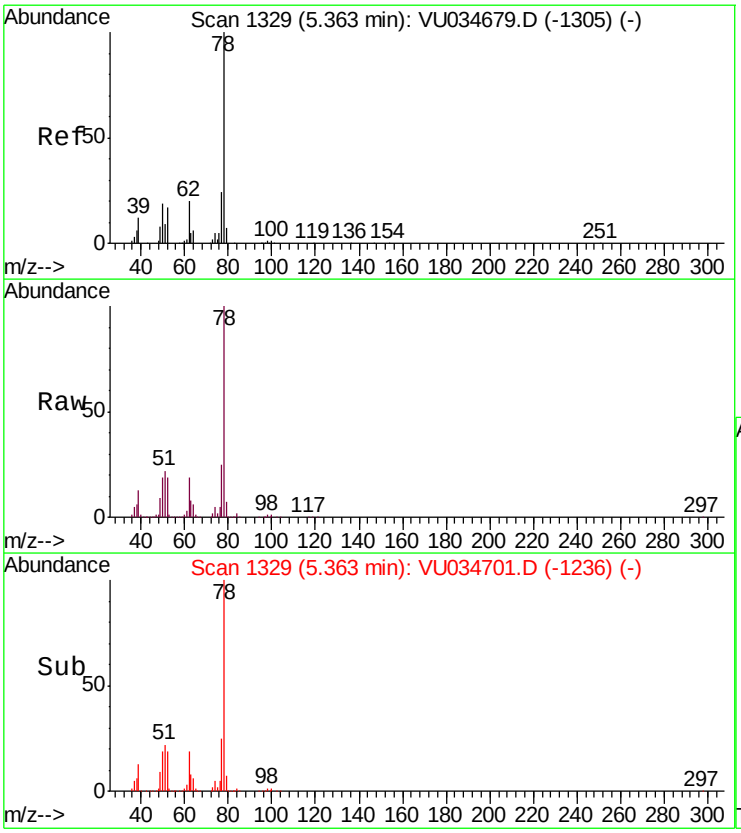
#31
Carbon tetrachloride
Concen: 48.263 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:117 Resp: 263681

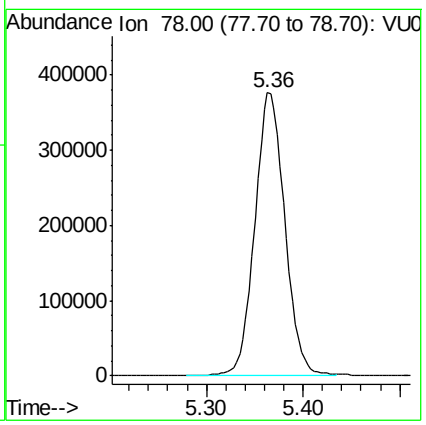
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.8	112.2

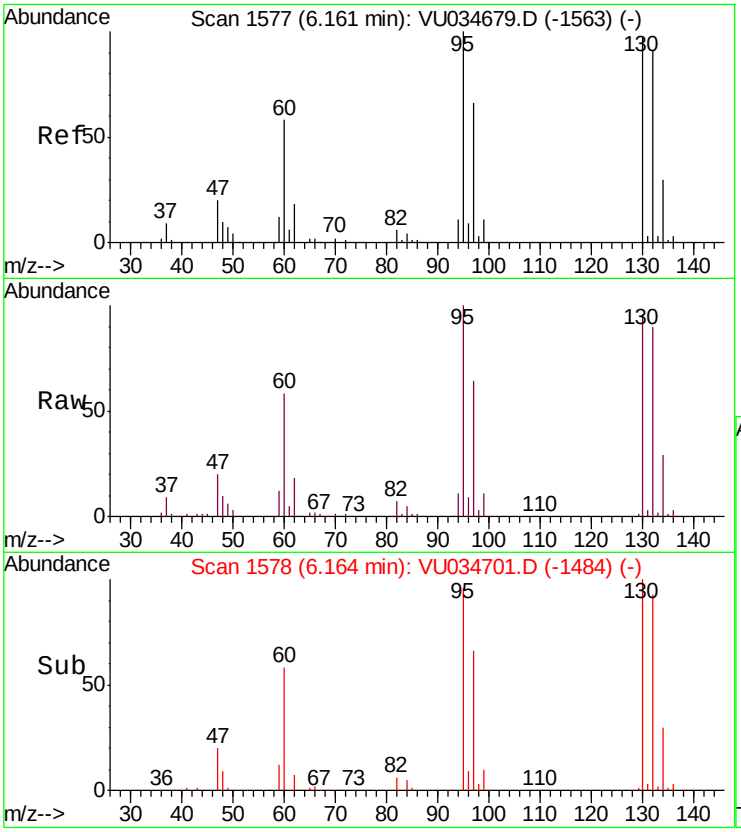




#33
Benzene
Concen: 49.667 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 78 Resp: 811316



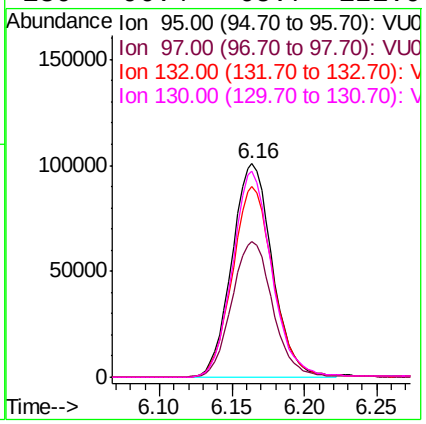


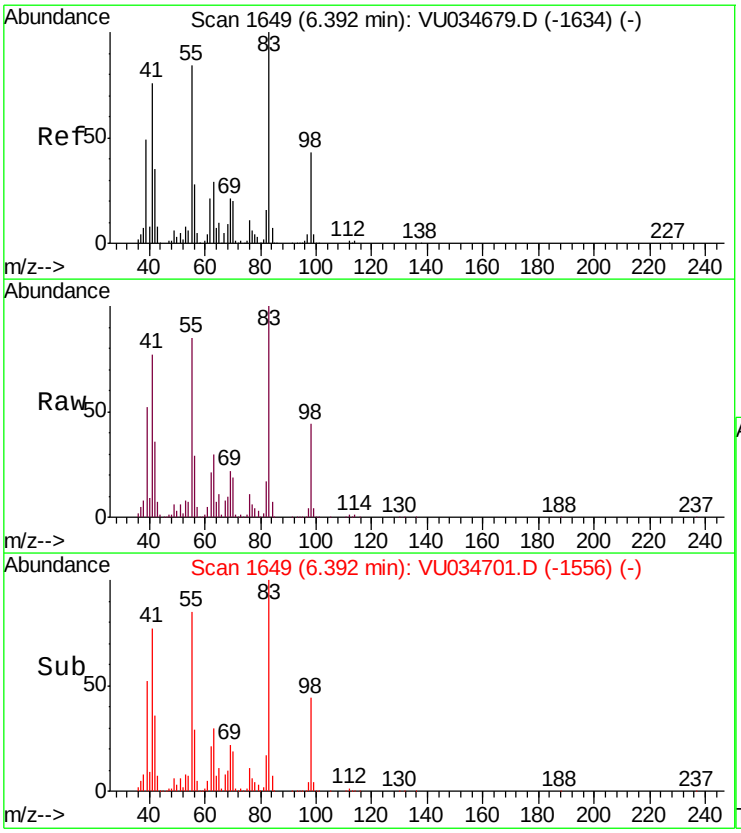
#34
Trichloroethene
Concen: 48.574 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 95 Resp: 195960

Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.7	81.1
132	89.5	61.0	113.2
130	96.4	65.7	121.9

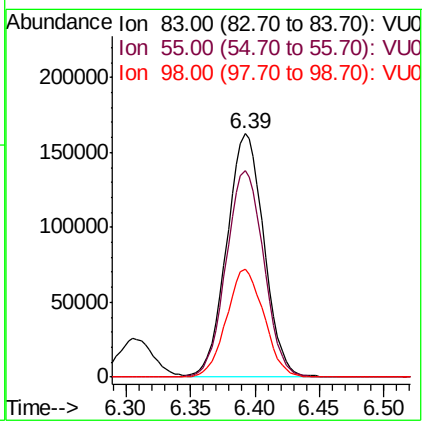


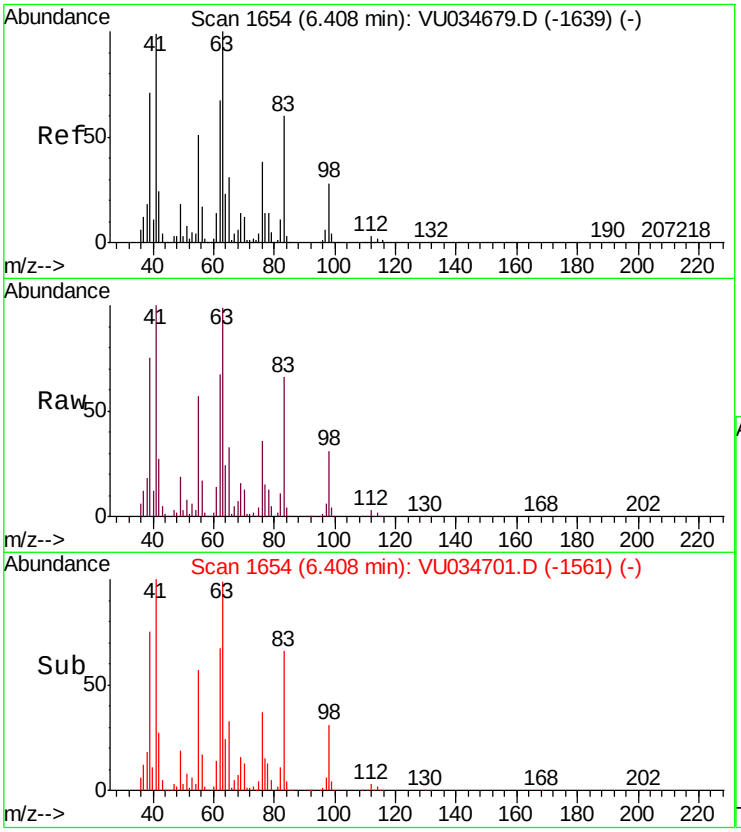


#35
Methylcyclohexane
Concen: 47.550 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 83 Resp: 325540

Ion	Ratio	Lower	Upper
83	100		
55	85.6	71.6	107.4
98	44.7	35.7	53.5



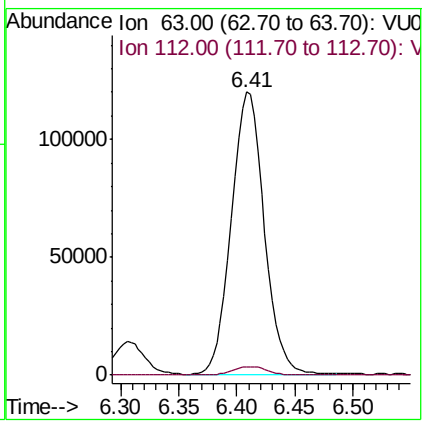


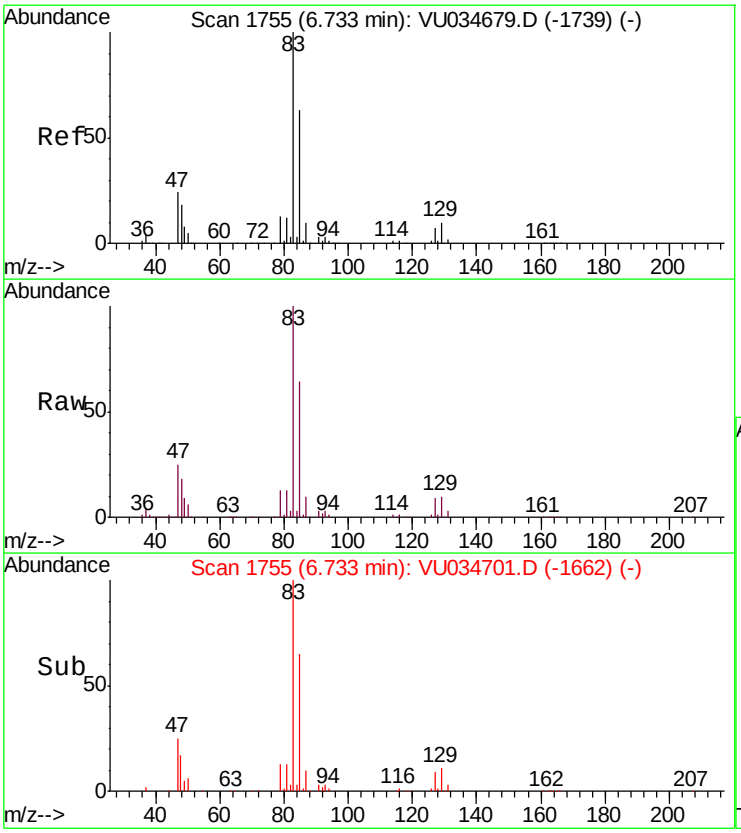
#37
1,2-Dichloropropane
Concen: 48.547 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 63 Resp: 236137

Ion	Ratio	Lower	Upper
63	100		
112	3.1	2.4	3.6

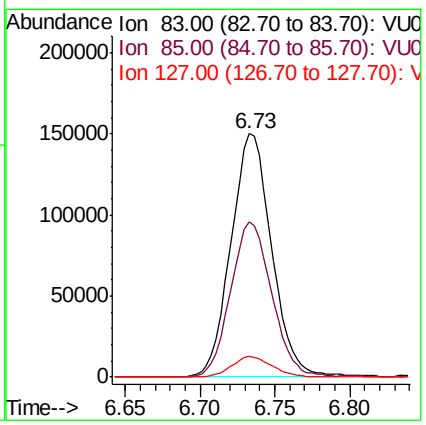


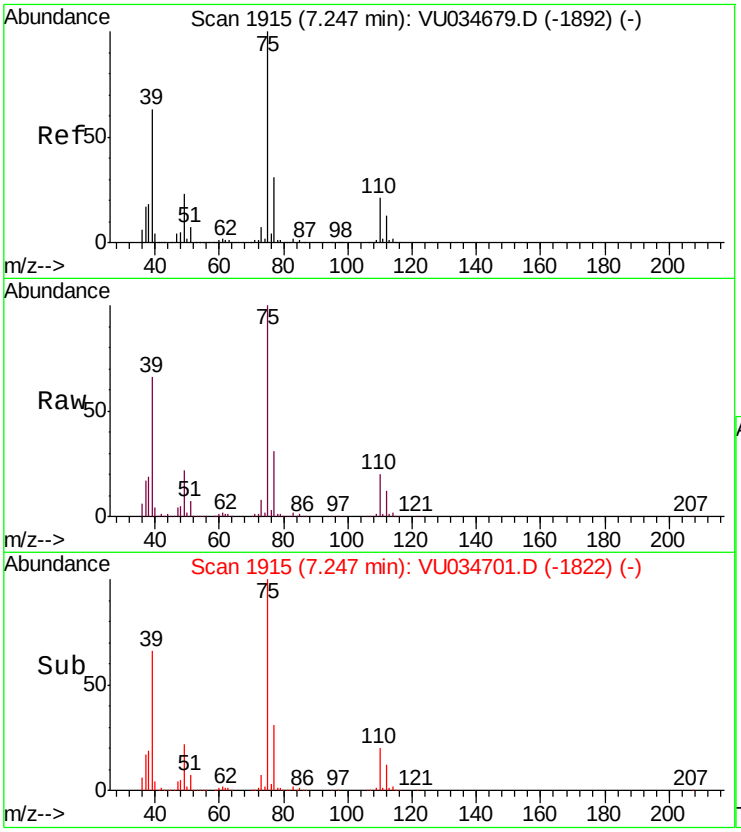


#38
Bromodichloromethane
Concen: 47.835 ug/L
RT: 6.73 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 83 Resp: 282163

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.5	84.5
127	8.6	6.1	9.1



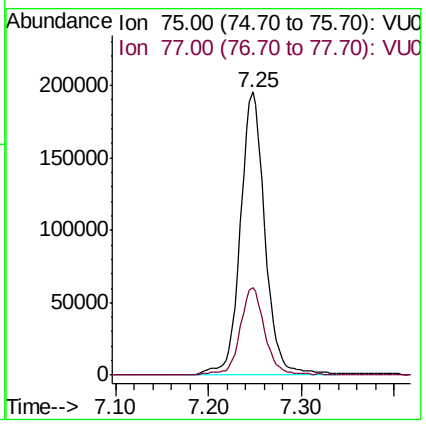


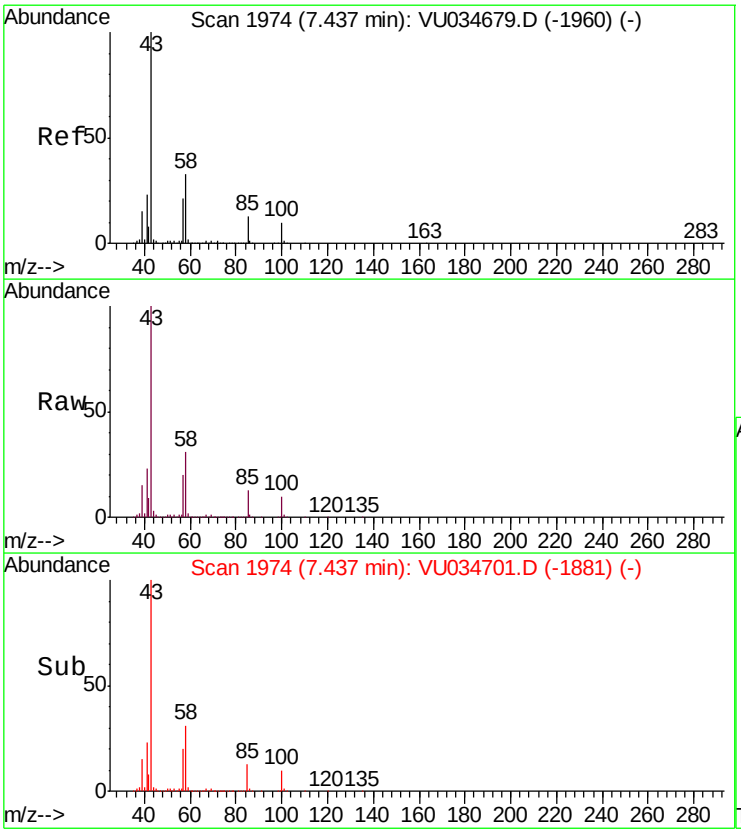
#39
cis-1,3-Dichloropropene
Concen: 49.323 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 75 Resp: 360474

Ion	Ratio	Lower	Upper
75	100		
77	30.9	21.4	39.8

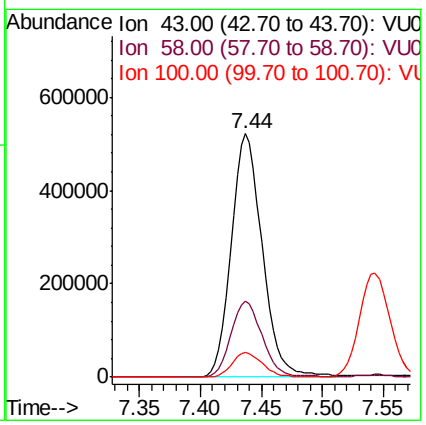


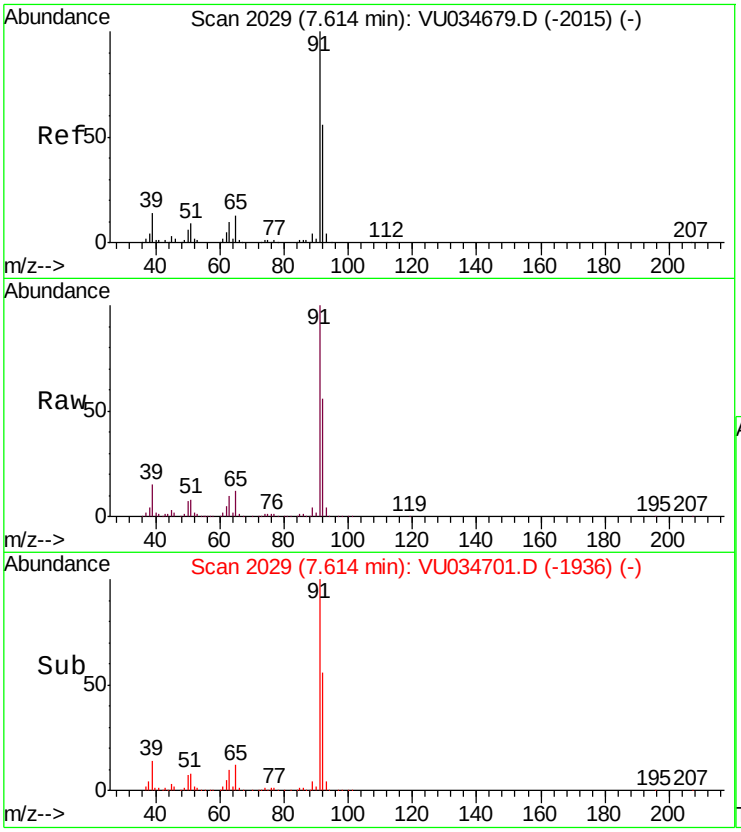


#40
4-Methyl-2-pentanone
Concen: 98.850 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 43 Resp: 917951

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.2	37.8
100	9.9	7.7	11.5



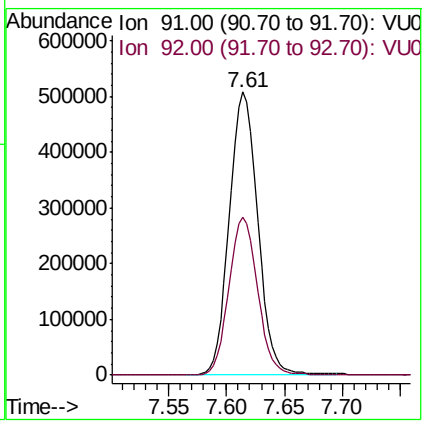


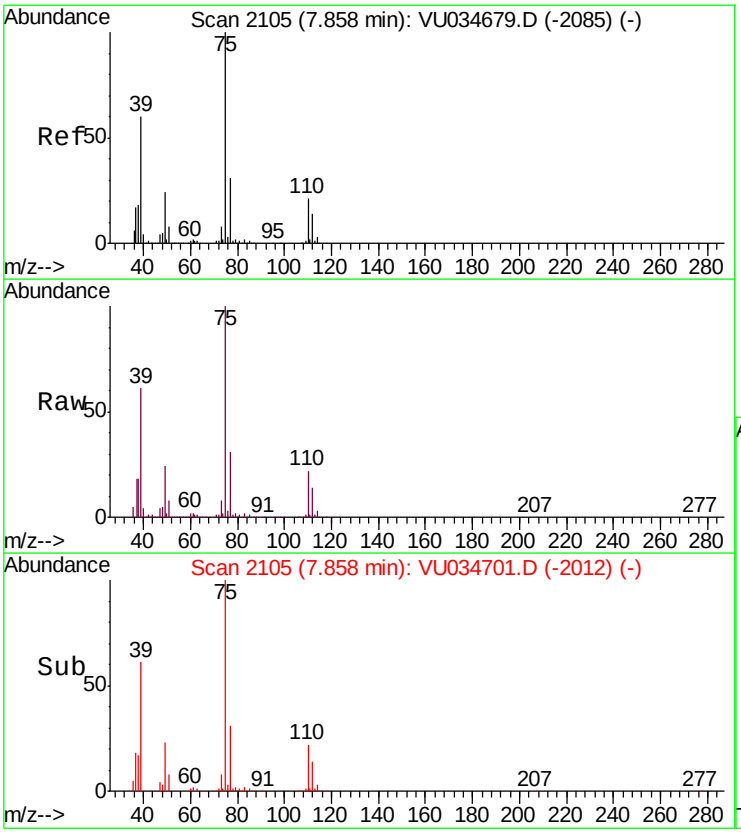
#42
Toluene
Concen: 49.144 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 91 Resp: 867584

Ion	Ratio	Lower	Upper
91	100		
92	55.9	38.2	71.0

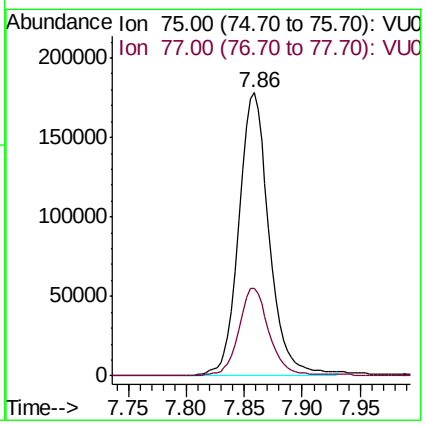


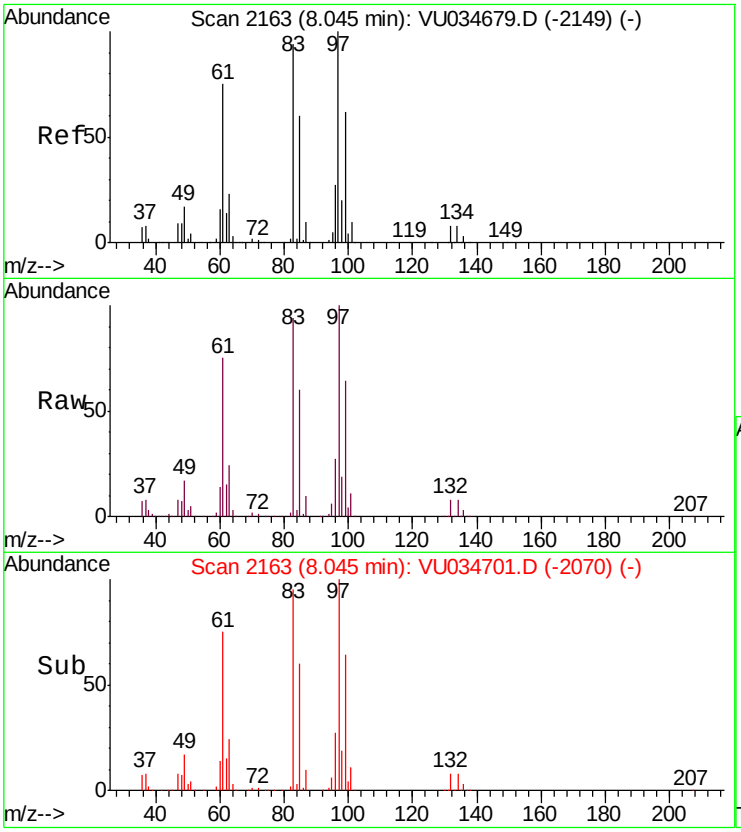


#44
trans-1,3-Dichloropropene
Concen: 49.359 ug/L
RT: 7.86 min Scan# 2105
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 75 Resp: 325204

Ion	Ratio	Lower	Upper
75	100		
77	31.1	21.4	39.8



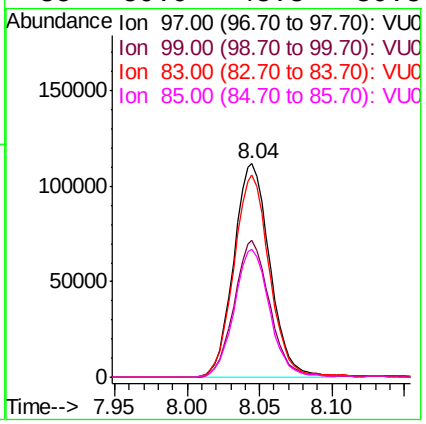


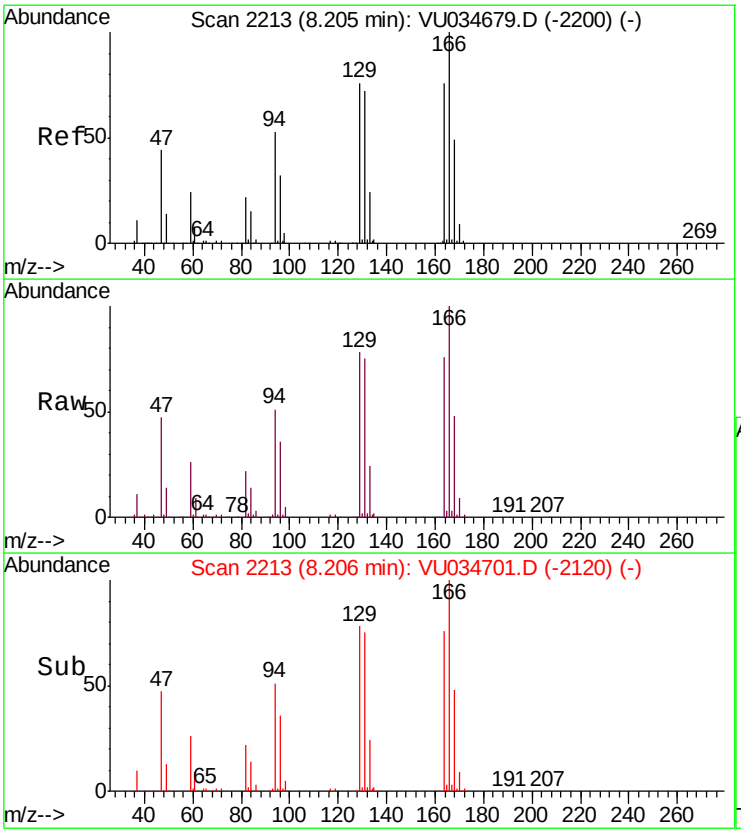
#45
1,1,2-Trichloroethane
Concen: 49.767 ug/L
RT: 8.04 min Scan# 2163
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 97 Resp: 193896

Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.6	81.0
83	94.4	66.9	124.3
85	59.9	43.3	80.3

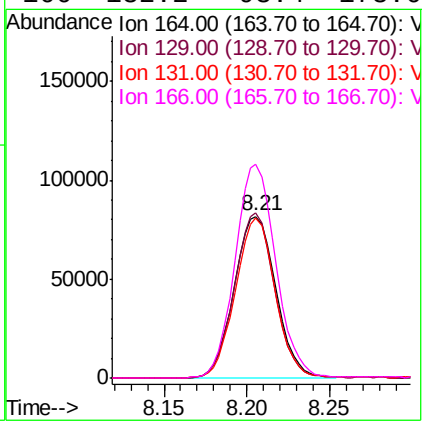


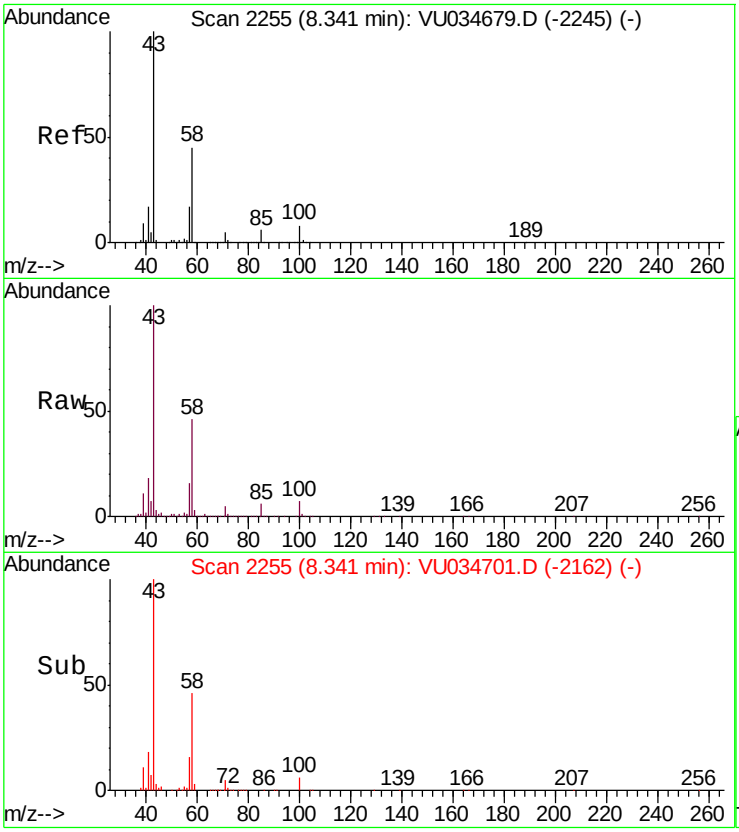


#46
Tetrachloroethene
Concen: 50.527 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:164 Resp: 143383

Ion	Ratio	Lower	Upper
164	100		
129	102.6	71.9	133.5
131	98.8	66.3	123.1
166	132.2	93.4	173.6



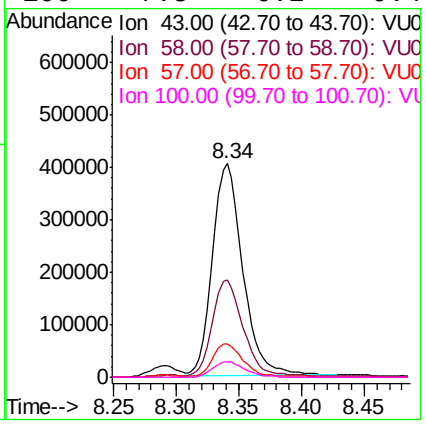


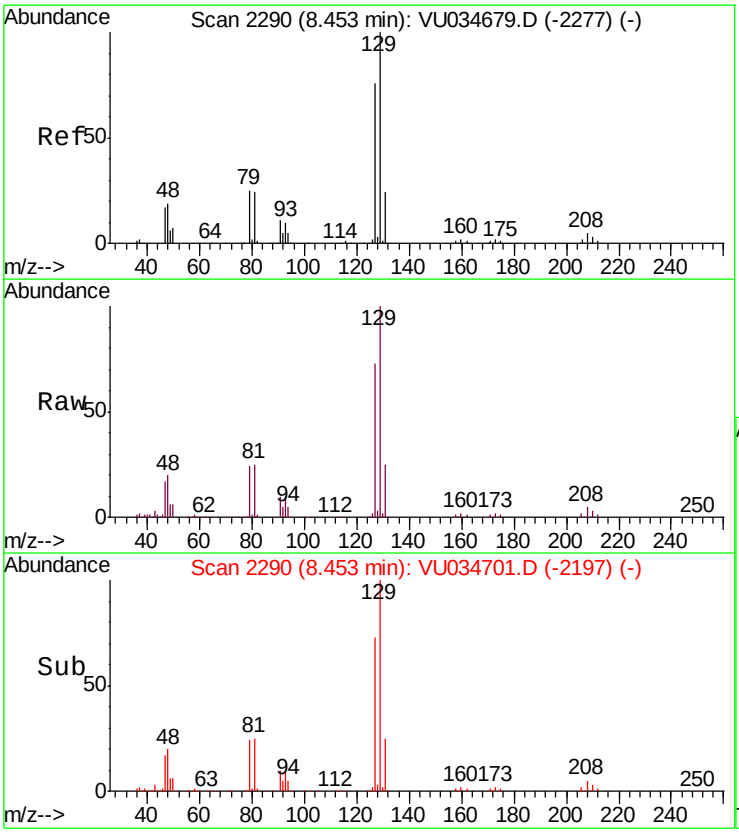
#48
2-Hexanone
Concen: 93.299 ug/L
RT: 8.34 min Scan# 2255
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 43 Resp: 676680

Ion	Ratio	Lower	Upper
43	100		
58	46.5	35.3	52.9
57	16.1	12.1	18.1
100	7.8	6.2	9.4

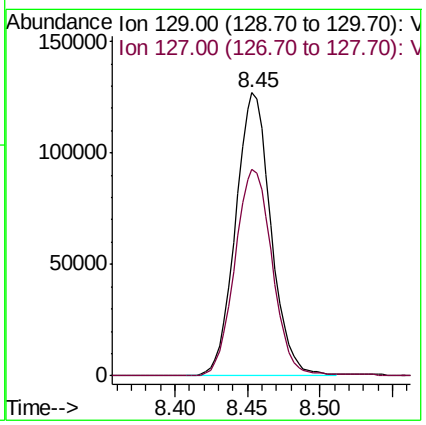


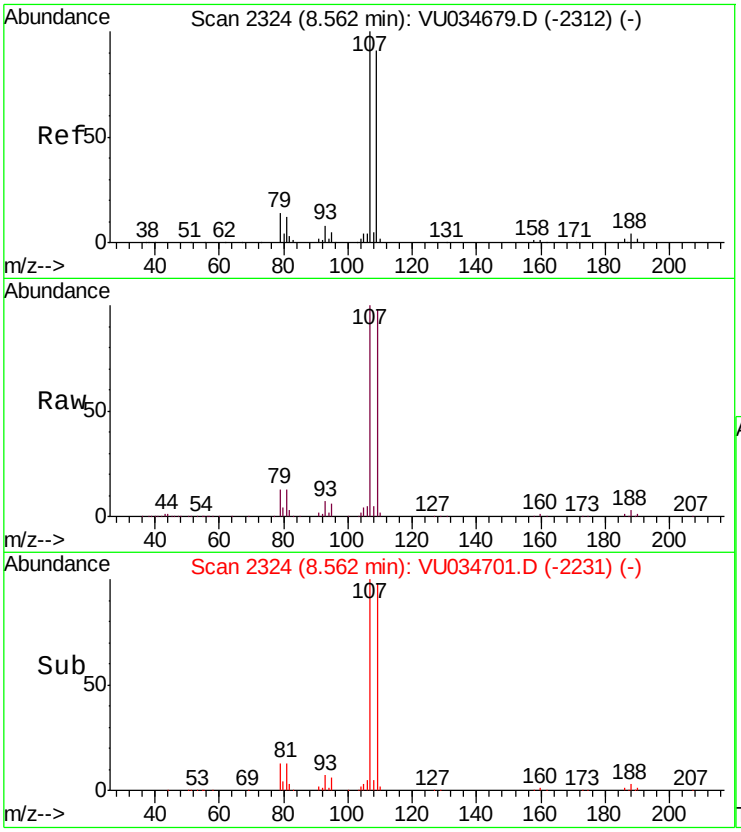


#49
Dibromochloromethane
Concen: 49.691 ug/L
RT: 8.45 min Scan# 2290
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:129 Resp: 215795

Ion	Ratio	Lower	Upper
129	100		
127	73.0	55.5	103.1



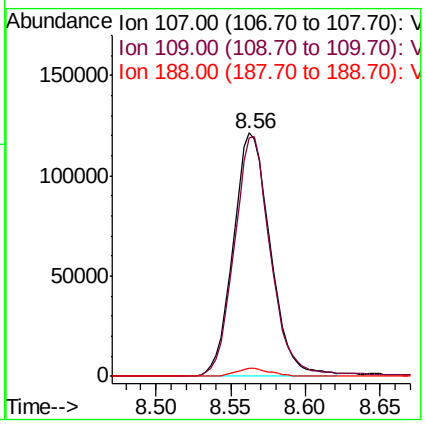


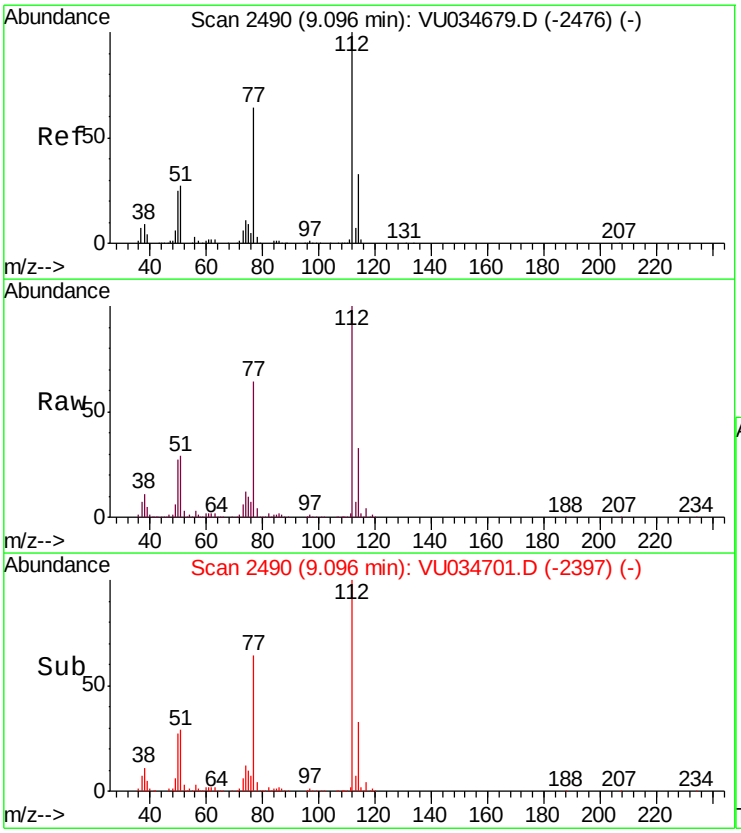
#50
1,2-Dibromoethane
Concen: 50.107 ug/L
RT: 8.56 min Scan# 2324
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:107 Resp: 210400

Ion	Ratio	Lower	Upper
107	100		
109	98.0	65.5	121.6
188	3.2	2.7	4.1

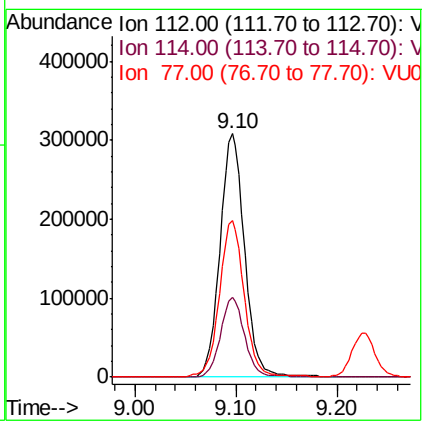


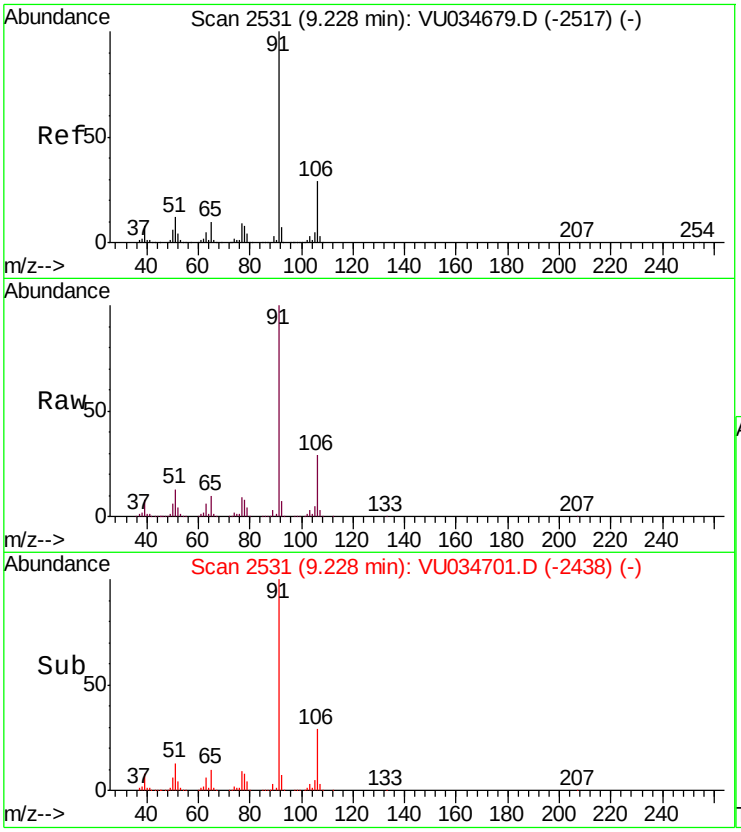


#51
Chlorobenzene
Concen: 48.838 ug/L
RT: 9.10 min Scan# 2490
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:112 Resp: 524112

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.8	42.4
77	64.1	51.5	77.3



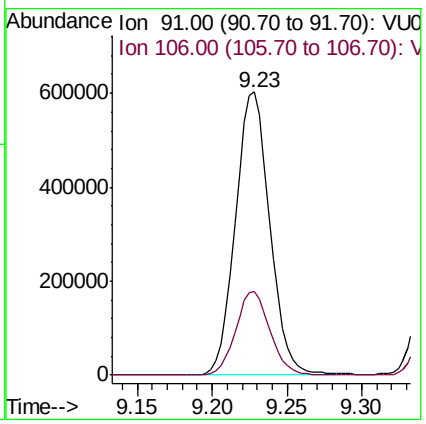


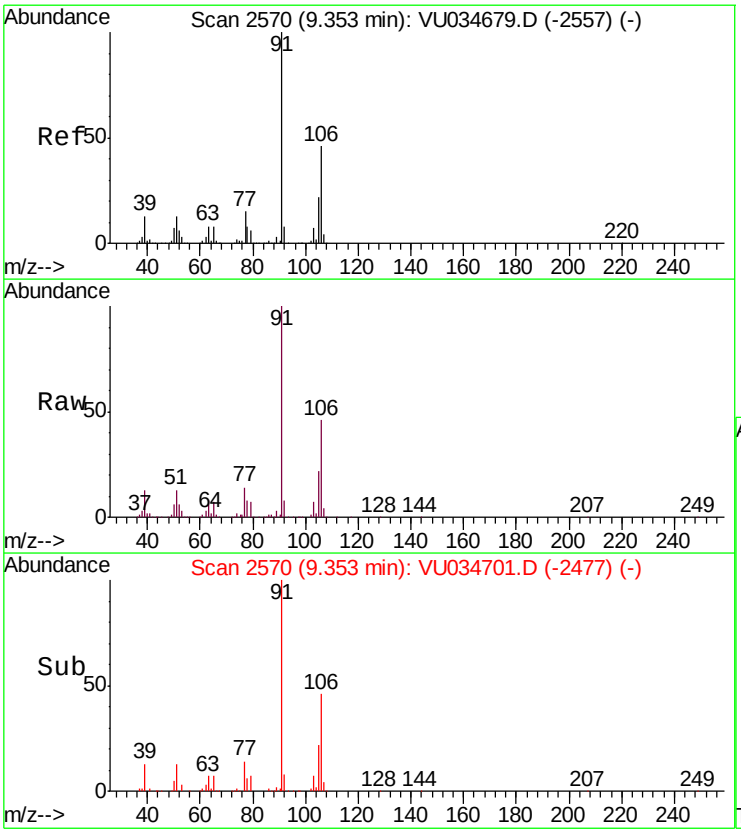
#52
Ethylbenzene
Concen: 48.471 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 91 Resp: 963589

Ion	Ratio	Lower	Upper
91	100		
106	29.4	20.6	38.4

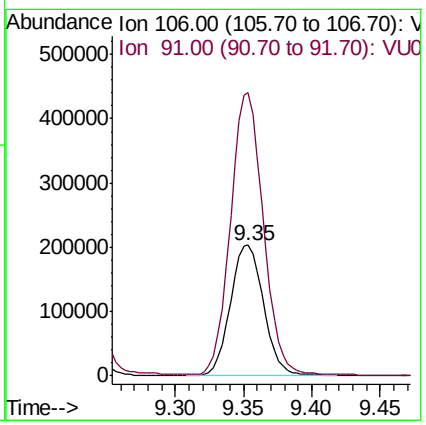


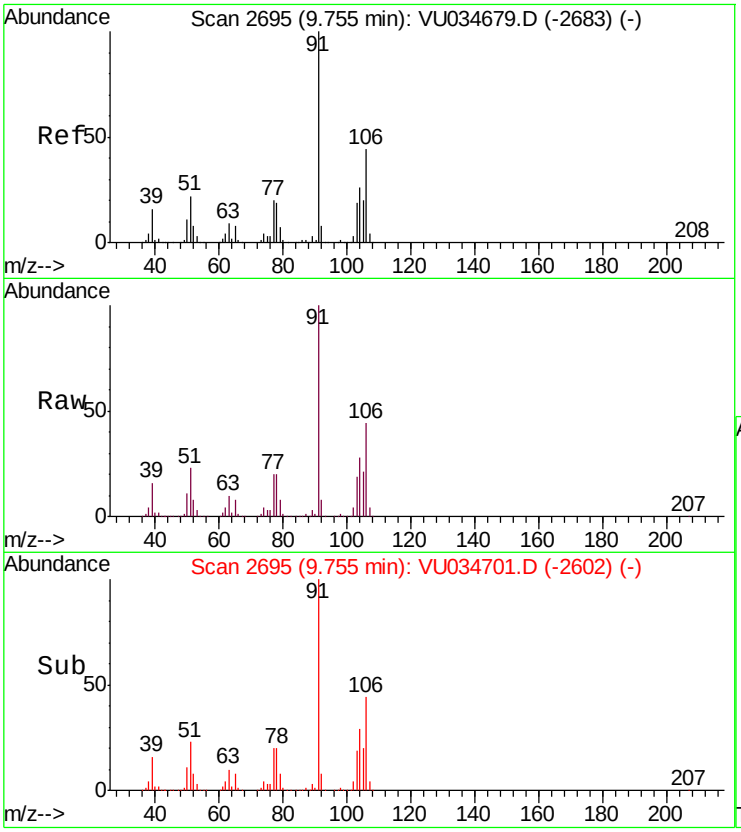


#53
m,p-Xylene
Concen: 48.723 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:106 Resp: 343075

Ion	Ratio	Lower	Upper
106	100		
91	216.3	146.9	272.7



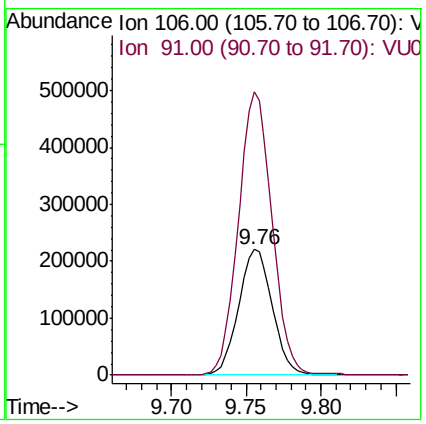


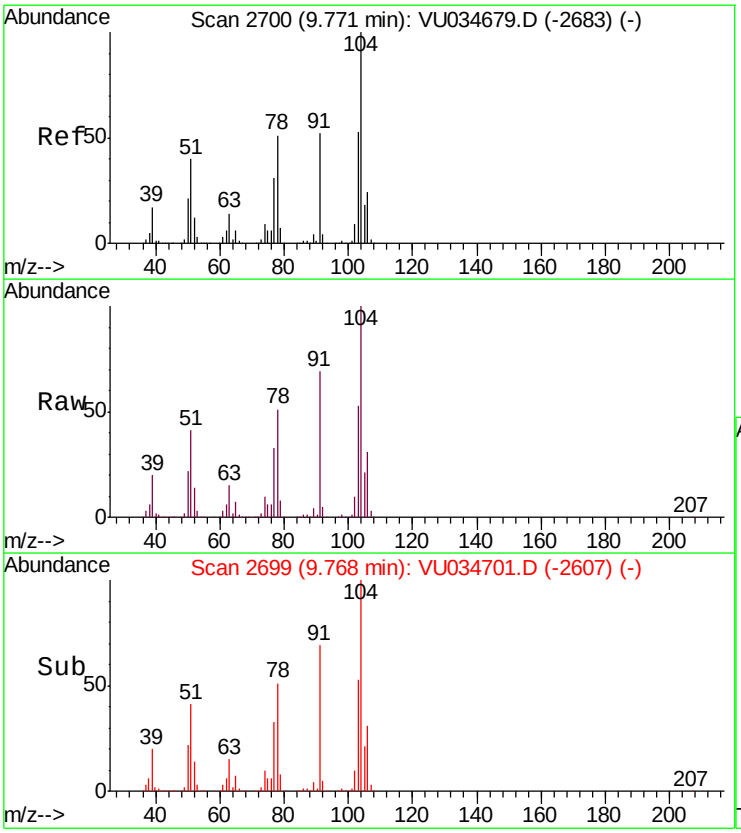
#54
o-xylene
Concen: 49.750 ug/L
RT: 9.76 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:106 Resp: 346482

Ion	Ratio	Lower	Upper
106	100		
91	225.0	155.6	289.0

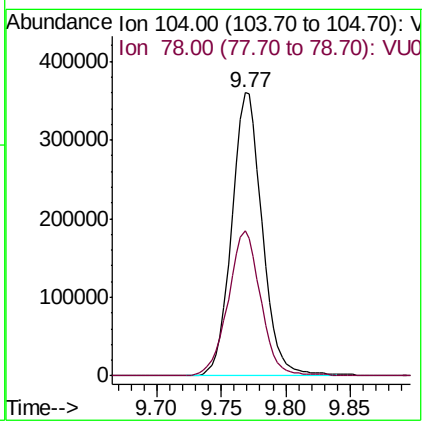


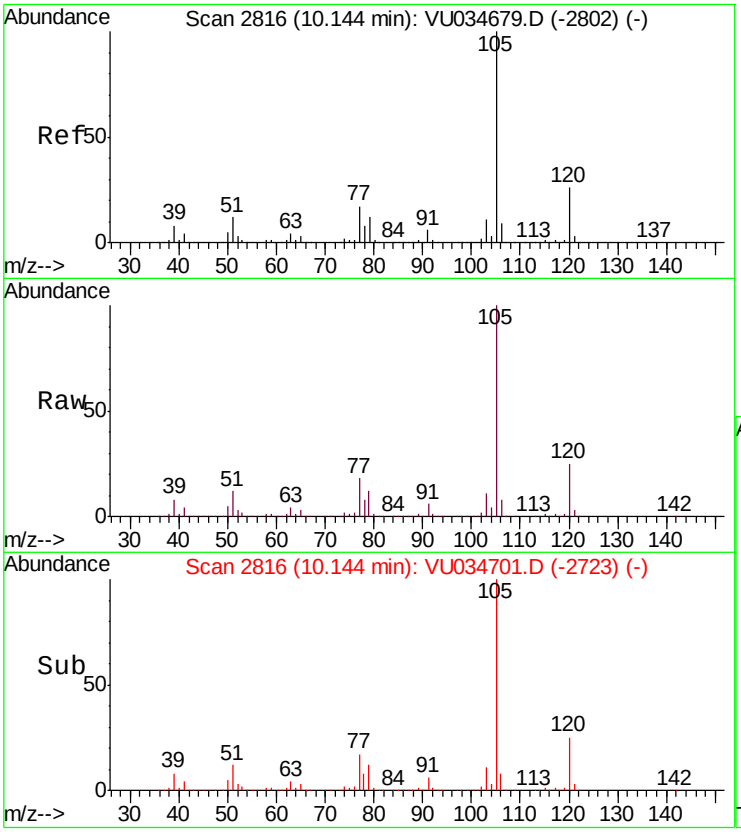


#55
Styrene
Concen: 50.085 ug/L
RT: 9.77 min Scan# 2699
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:104 Resp: 590443

Ion	Ratio	Lower	Upper
104	100		
78	51.1	35.1	65.3



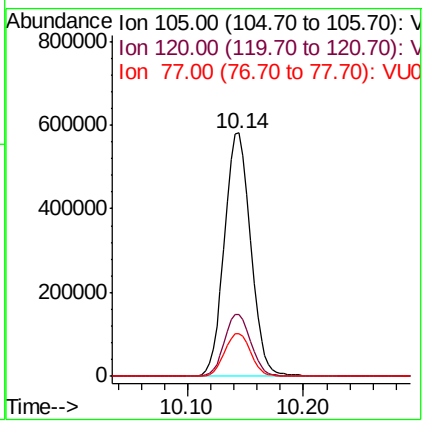


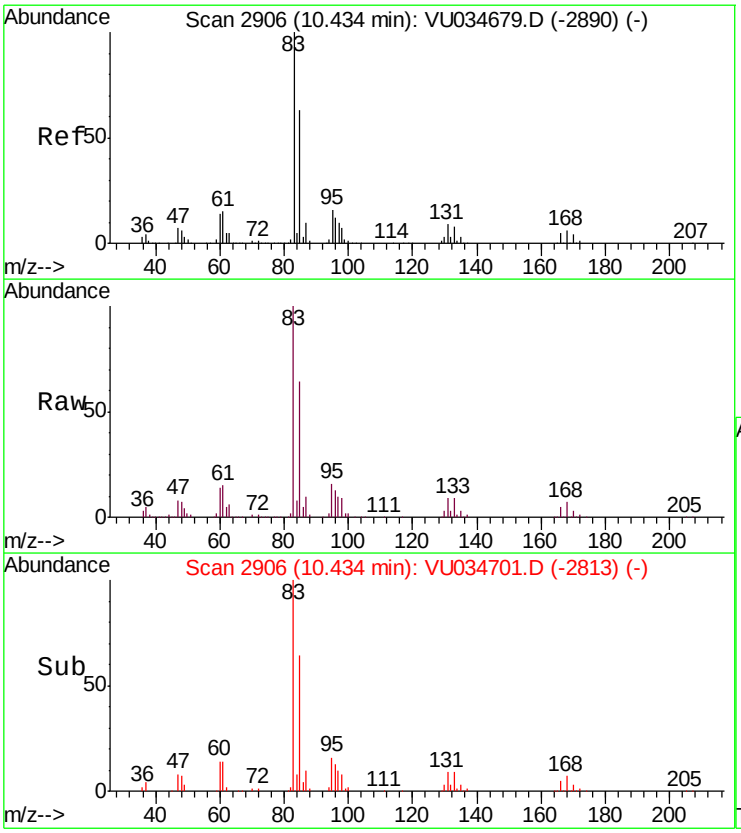
#56
Isopropylbenzene
Concen: 48.338 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:105 Resp: 907724

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.4	30.6
77	17.6	14.2	21.4

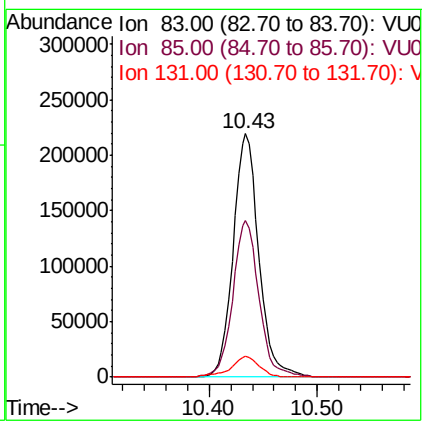


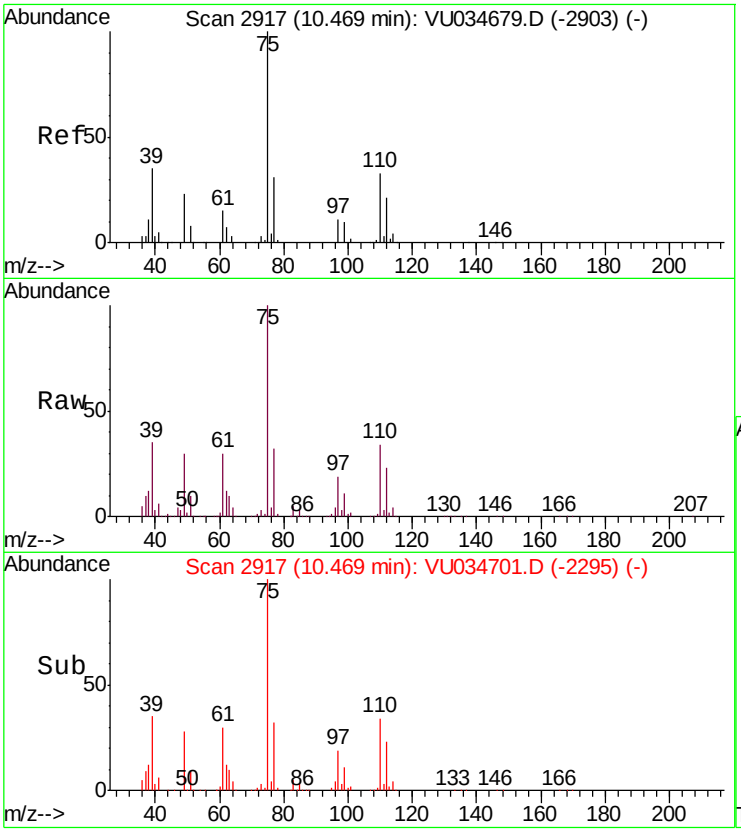


#58
1,1,2,2-Tetrachloroethane
Concen: 48.621 ug/L
RT: 10.43 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 83 Resp: 363841

Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.6	82.8
131	8.5	6.6	10.0



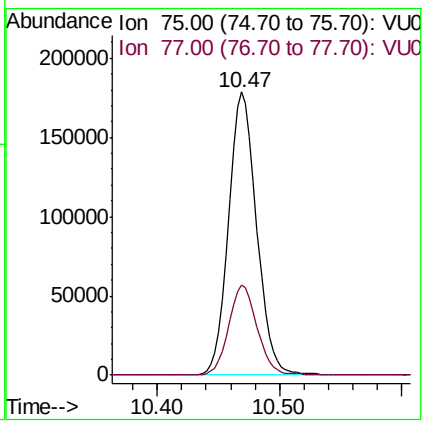


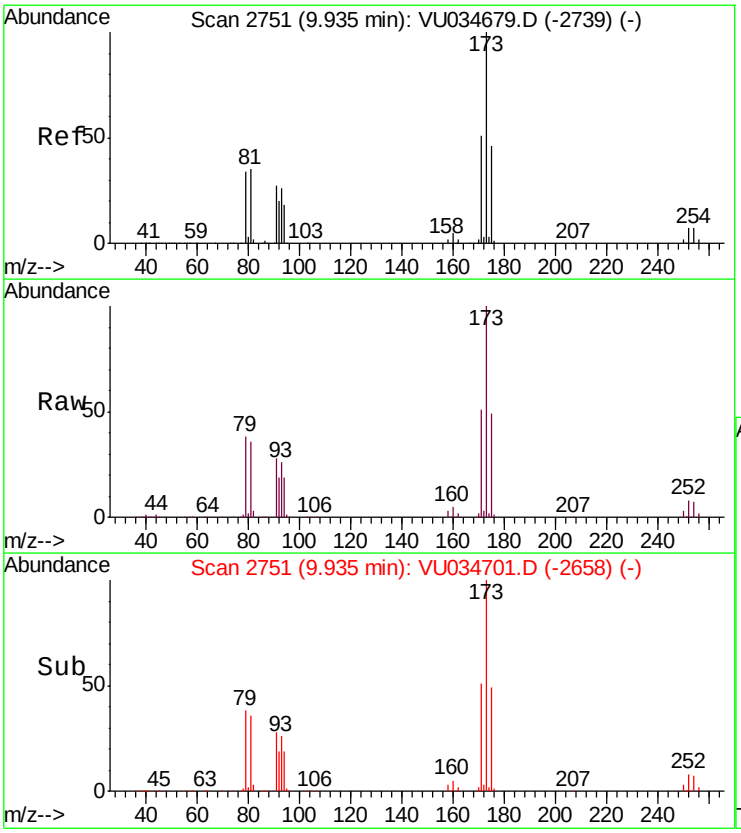
#59
1,2,3-Trichloropropane
Concen: 47.188 ug/L
RT: 10.47 min Scan# 2917
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 75 Resp: 286674

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	37.0

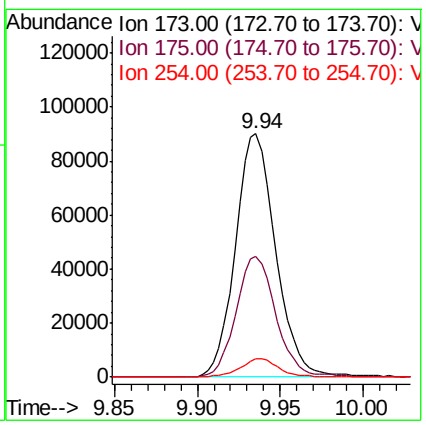


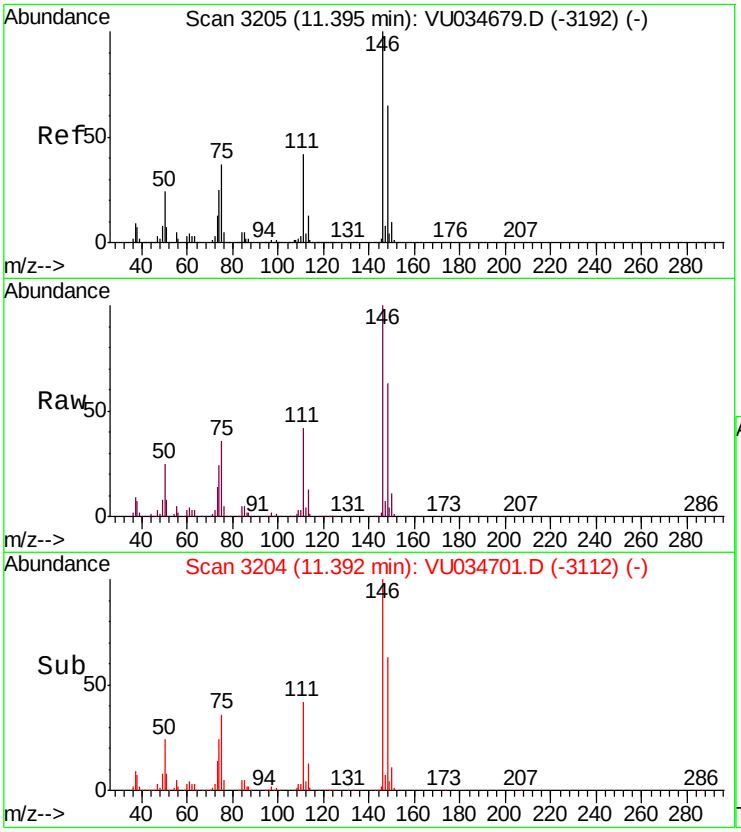


#61
Bromoform
Concen: 46.832 ug/L
RT: 9.94 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:173 Resp: 151481

Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.8	58.2
254	7.3	5.3	7.9



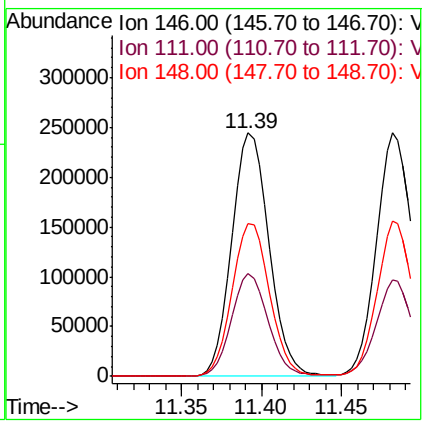


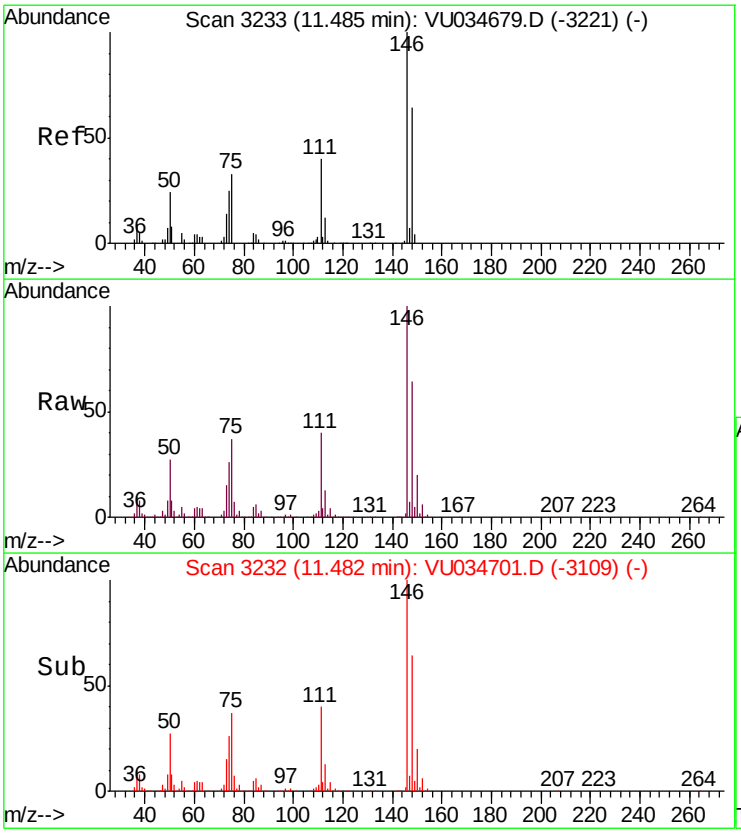
#62
1,3-Dichlorobenzene
Concen: 47.761 ug/L
RT: 11.39 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:146 Resp: 388573

Ion	Ratio	Lower	Upper
146	100		
111	42.3	30.4	56.5
148	62.6	46.1	85.7

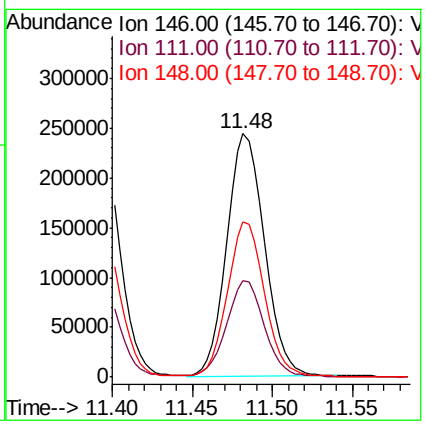


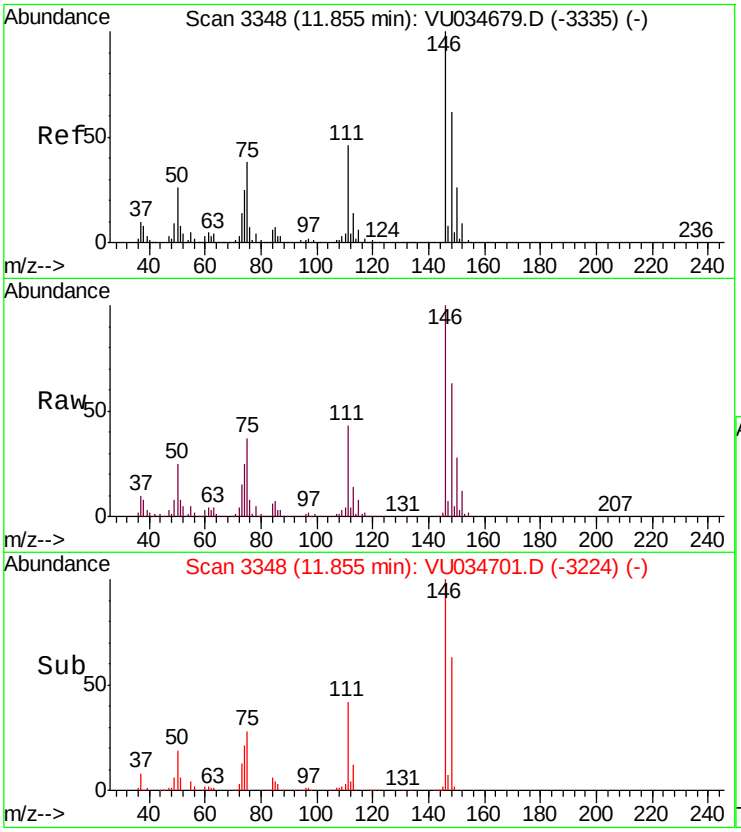


#63
1,4-Dichlorobenzene
Concen: 46.911 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:146 Resp: 388789

Ion	Ratio	Lower	Upper
146	100		
111	39.5	29.5	54.9
148	63.7	44.4	82.4



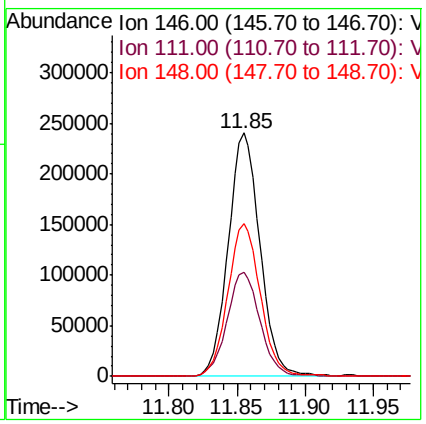


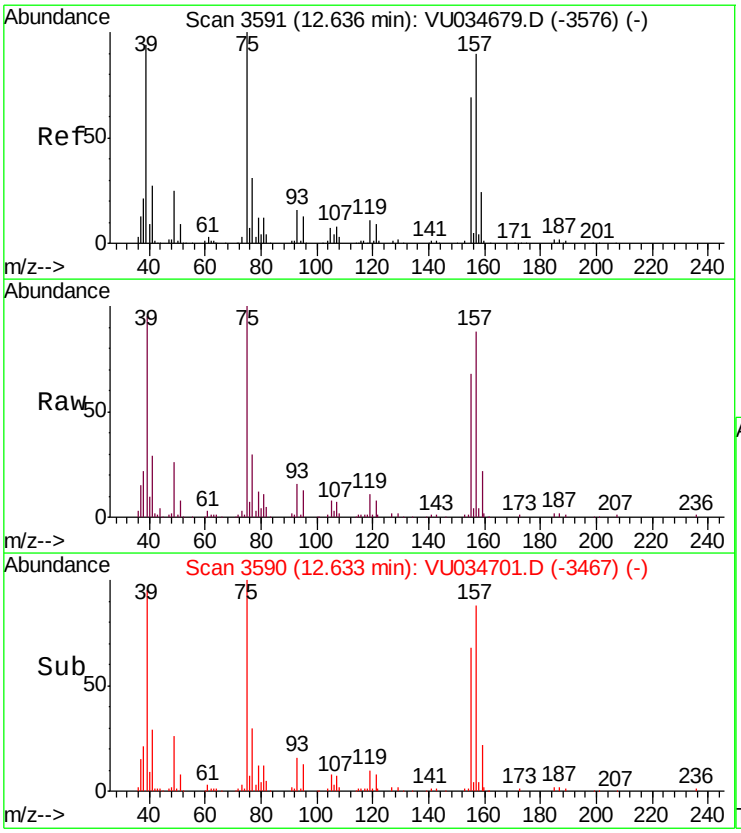
#65
1,2-Dichlorobenzene
Concen: 47.137 ug/L
RT: 11.85 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:146 Resp: 387492

Ion	Ratio	Lower	Upper
146	100		
111	42.8	35.2	52.8
148	62.6	53.0	79.6

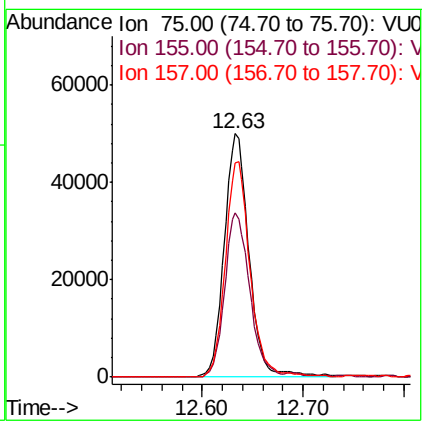


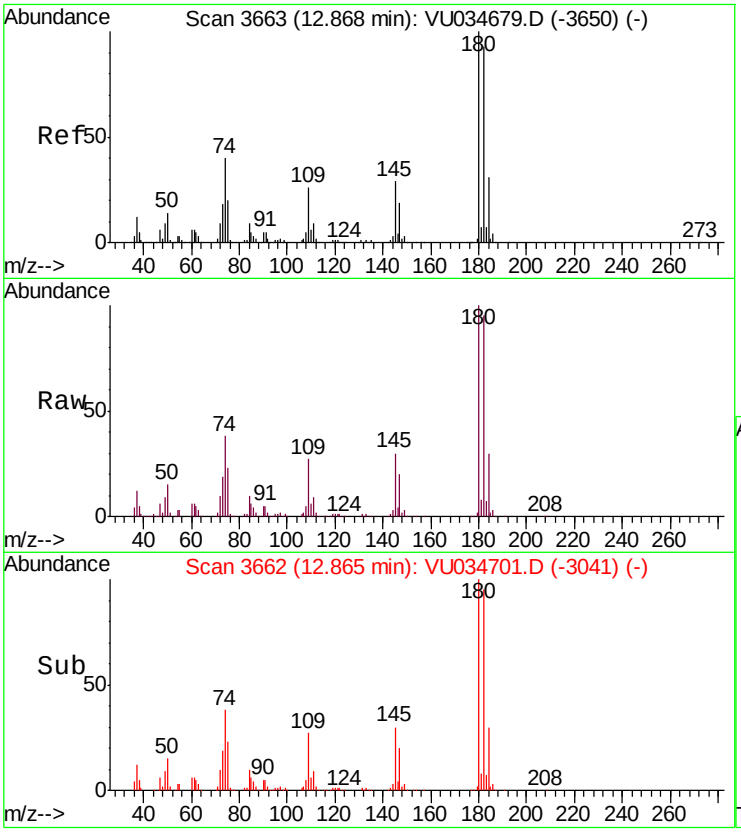


#66
1,2-Dibromo-3-chloropropane
Concen: 49.300 ug/L
RT: 12.63 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion: 75 Resp: 86142

Ion	Ratio	Lower	Upper
75	100		
155	67.6	54.7	82.1
157	88.2	69.9	104.9



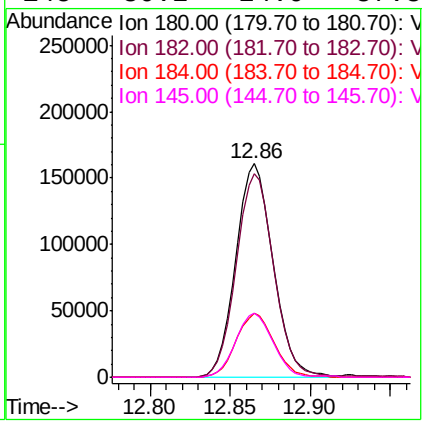


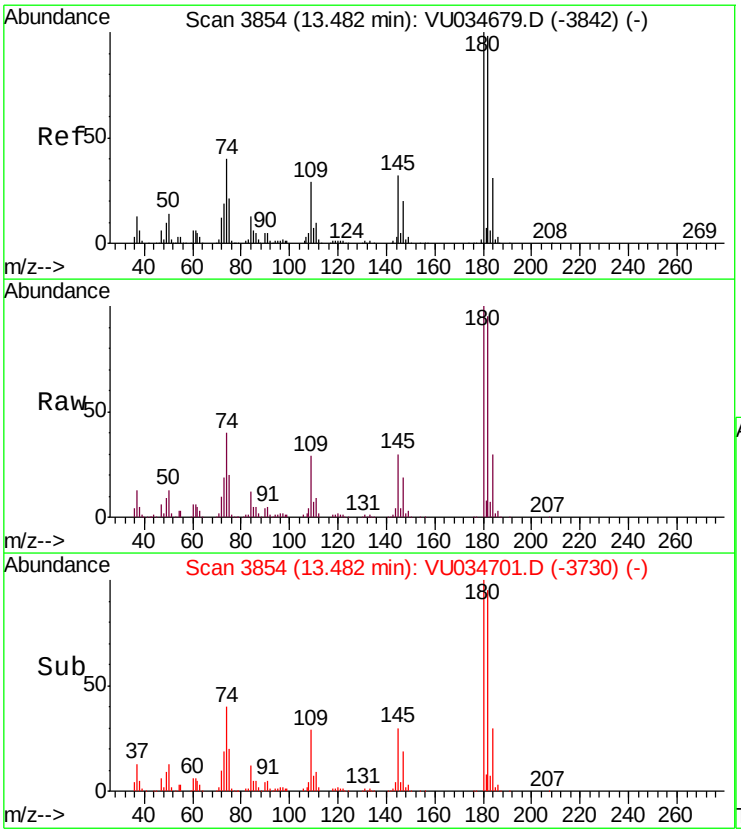
#67
1,3,5-Trichlorobenzene
Concen: 46.852 ug/L
RT: 12.86 min Scan# 3662
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:180 Resp: 255401

Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.2	118.8
184	30.6	24.6	36.8
145	30.2	24.9	37.3

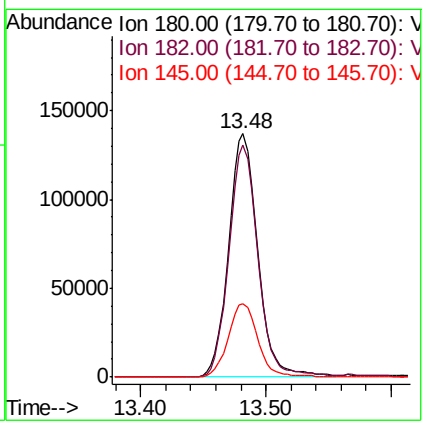


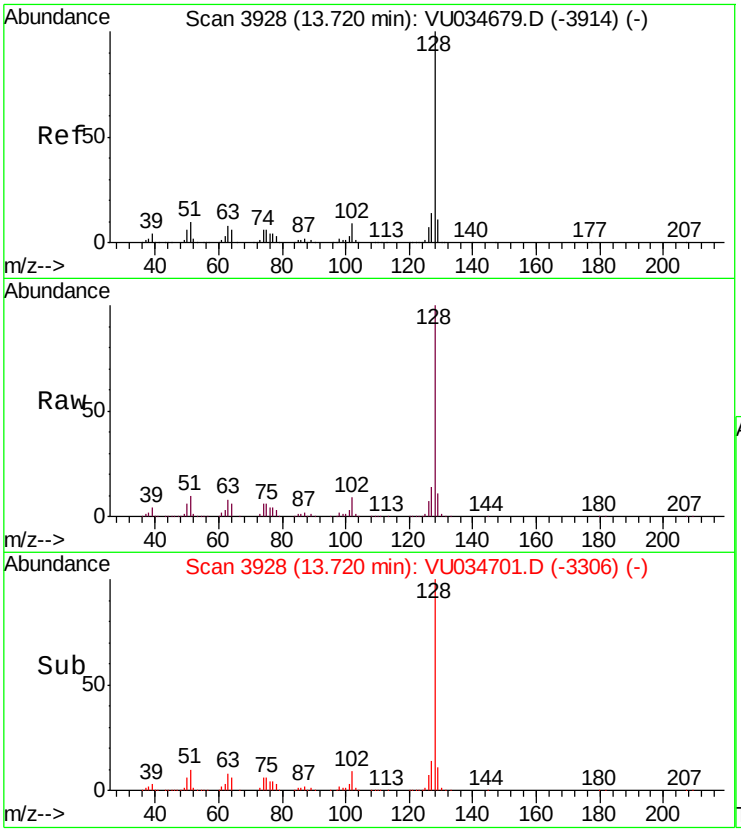


#68
1,2,4-trichlorobenzene
Concen: 51.710 ug/L
RT: 13.48 min Scan# 3854
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:180 Resp: 221667

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.7	113.5
145	30.6	25.2	37.8



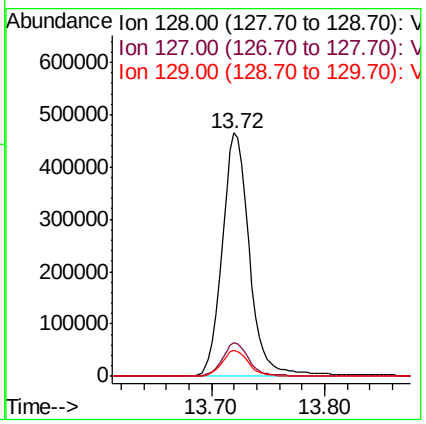


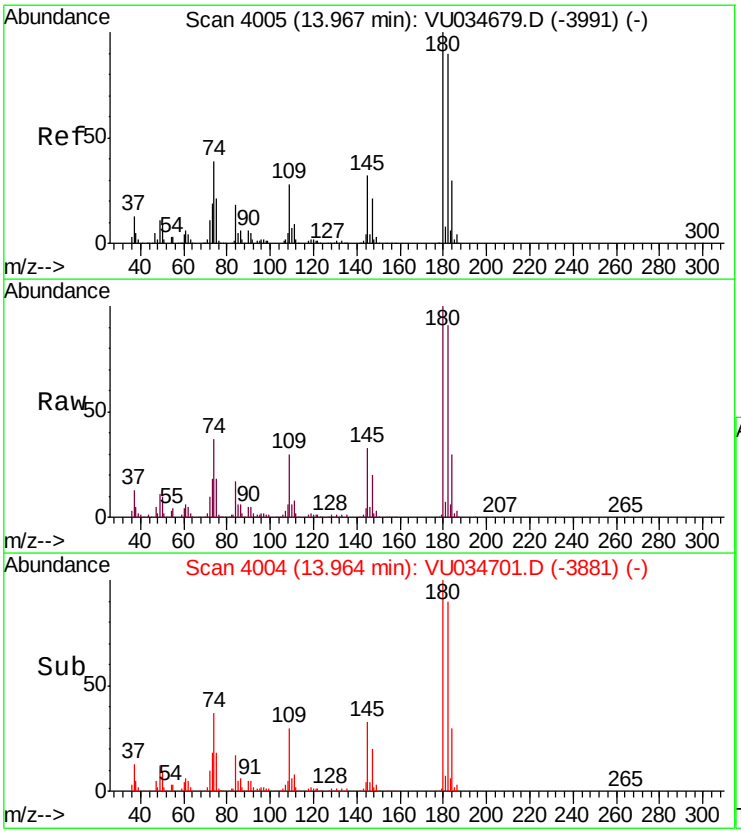
#69
Naphthalene
Concen: 52.576 ug/L
RT: 13.72 min Scan# 3928
Delta R.T. 0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:128 Resp: 780215

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.5	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 51.160 ug/L
RT: 13.96 min Scan# 4004
Delta R.T. -0.00 min
Lab File: VU034701.D
Acq: 20 Sep 2019 20:02

Tgt Ion:180 Resp: 225658

Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.2	118.8
145	32.8	26.0	39.0