Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

Quantitation Report (Not Reviewed)

Data File : VU036156.D
Acq On : 12 Dec 2019 17:33
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 13 02:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	333039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168117	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	154531	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.93	69	132226	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.59	63	216652	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.70	46	283181	52.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.46%			
24) Chloroform-d	5.11	84	228200	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.75	65	114450	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.77	84	449711	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.73	67	141655	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.93	98	438807	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	8.21	79	59613	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.68	63	234364	53.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.98%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	124114	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	165961	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	168577	4.567	ug/L	99
3) Chloromethane	1.54	50	196967	4.134	ug/L	100
5) Vinyl chloride	1.62	62	210588	4.734	ug/L	97
6) Bromomethane	1.87	94	125389	4.586	ug/L	97
8) Chloroethane	1.95	64	122908	4.489	ug/L	98
9) Trichlorofluoromethane	2.16	101	256682	4.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	126167	4.694	ug/L	98
12) 1,1-Dichloroethene	2.61	96	117765	4.693	ug/L	98
13) Acetone	2.68	43	197370	41.842	ug/L	97
14) Carbon disulfide	2.82	76	391483	4.694	ug/L	100
15) Methyl Acetate	3.00	43	46946	4.668	ug/L	94
16) Methylene chloride	3.08	84	142107	4.050	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	263093	5.041	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	121858	4.680	ug/L	97
19) 1,1-Dichloroethane	3.92	63	230315	4.809	ug/L	99
21) 2-Butanone	4.77	43	303812	48.313	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	131850	4.920	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

Quantitation Report (Not Reviewed)

Data File : VU036156.D
Acq On : 12 Dec 2019 17:33
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Dec 13 02:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	63823	4.785	ug/L	97
25) Chloroform	5.14	83	235706	4.655	ug/L	97
27) 1,2-Dichloroethane	5.84	62	148540	5.005	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	201469	4.839	ug/L	98
30) Cyclohexane	5.43	56	181244	5.114	ug/L	98
31) Carbon tetrachloride	5.57	117	181047	4.859	ug/L	99
33) Benzene	5.82	78	523547	5.013	ug/L	100
34) Trichloroethene	6.58	95	133585	5.001	ug/L	97
35) Methylcyclohexane	6.80	83	193860	5.092	ug/L	99
37) 1,2-Dichloropropane	6.83	63	132312	4.911	ug/L	100
38) Bromodichloromethane	7.14	83	165783	4.820	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	181219	5.088	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	724476	53.267	ug/L	99
42) Toluene	8.00	91	564317	5.102	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	156329	5.206	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	96688	4.865	ug/L	97
47) Tetrachloroethene	8.58	164	114320	4.885	ug/L	95
48) 2-Hexanone	8.73	43	540078	54.132	ug/L	99
49) Dibromochloromethane	8.84	129	120565	4.897	ug/L	97
50) 1,2-Dibromoethane	8.96	107	92244	4.953	ug/L	99
51) Chlorobenzene	9.47	112	348674	4.841	ug/L	99
52) Ethylbenzene	9.60	91	558269	5.188	ug/L	99
53) m,p-Xylene	9.72	106	223354	5.285	ug/L	99
54) o-Xylene	10.13	106	215196	5.329	ug/L	96
55) Styrene	10.14	104	373727	5.223	ug/L	97
56) Isopropylbenzene	10.51	105	545478	5.287	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	123600	4.947	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	90650	5.103	ug/L	97
61) Bromoform	10.32	173	73249	4.576	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	282711	5.097	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	275002	5.074	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	268075	5.041	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16571	4.880	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	190138	5.290	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	101888	5.411	ug/L	99
69) Naphthalene	14.11	128	98363	5.076	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	100364	5.721	ug/L	97

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

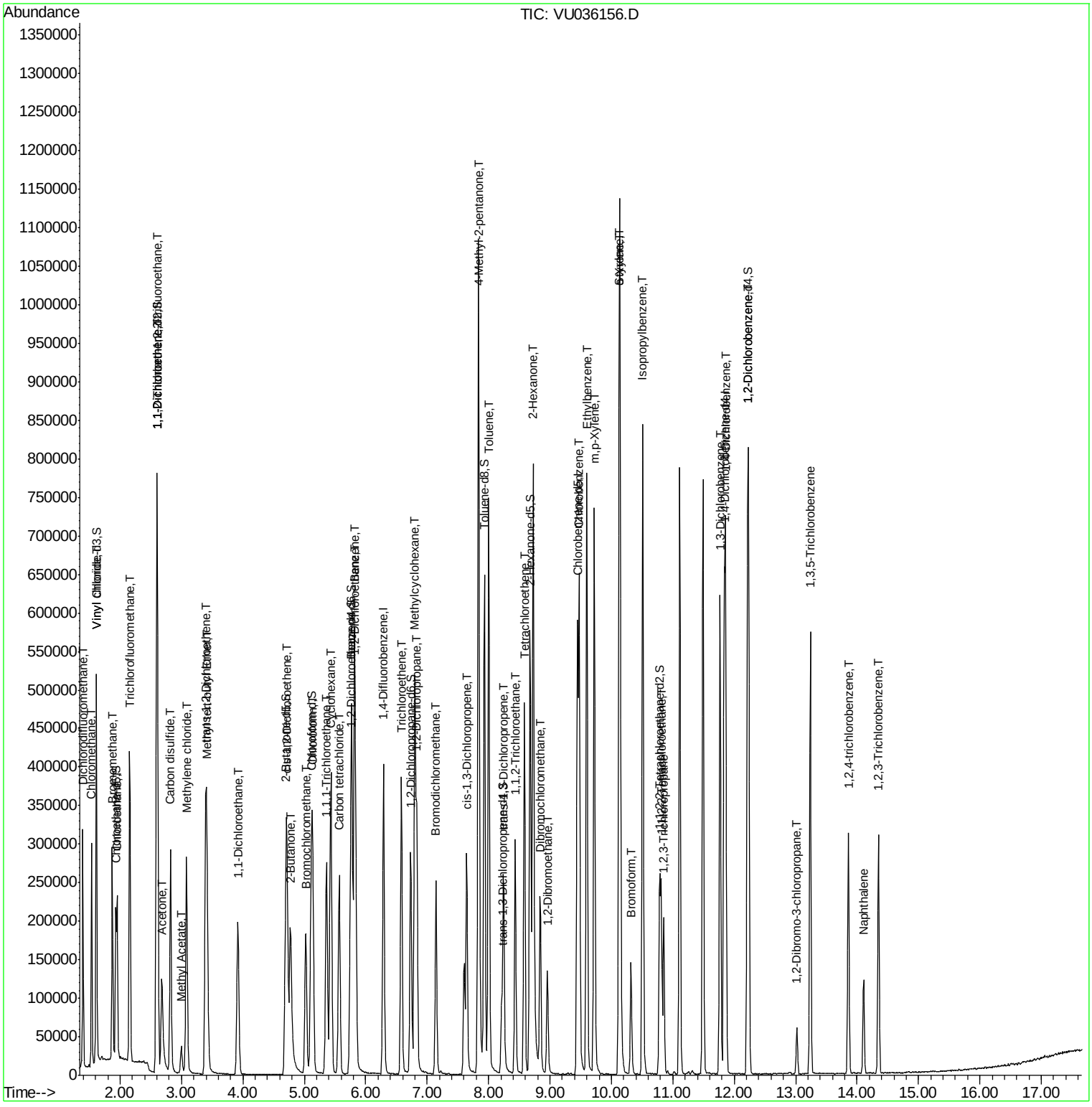
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

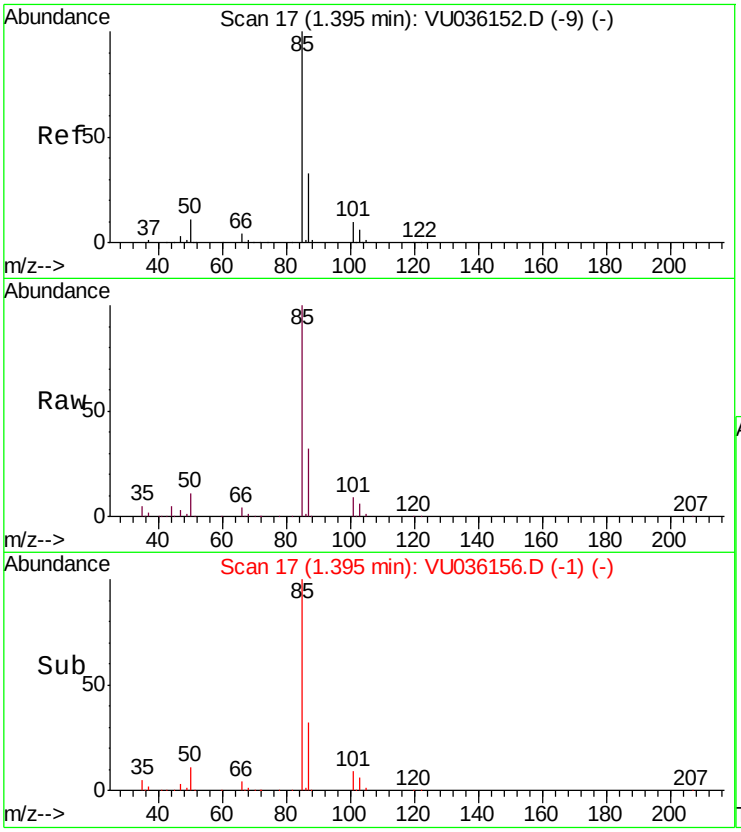
Quantitation Report (Not Reviewed)

Data File : VU036156.D
Acq On : 12 Dec 2019 17:33
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Quant Time: Dec 13 02:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration



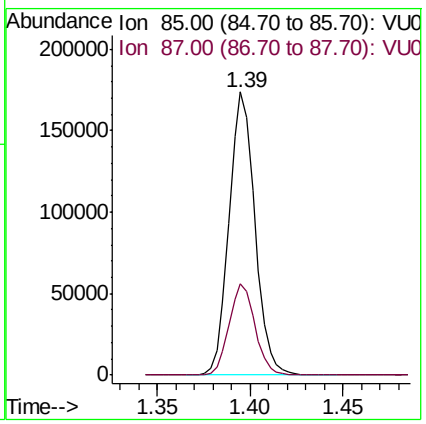


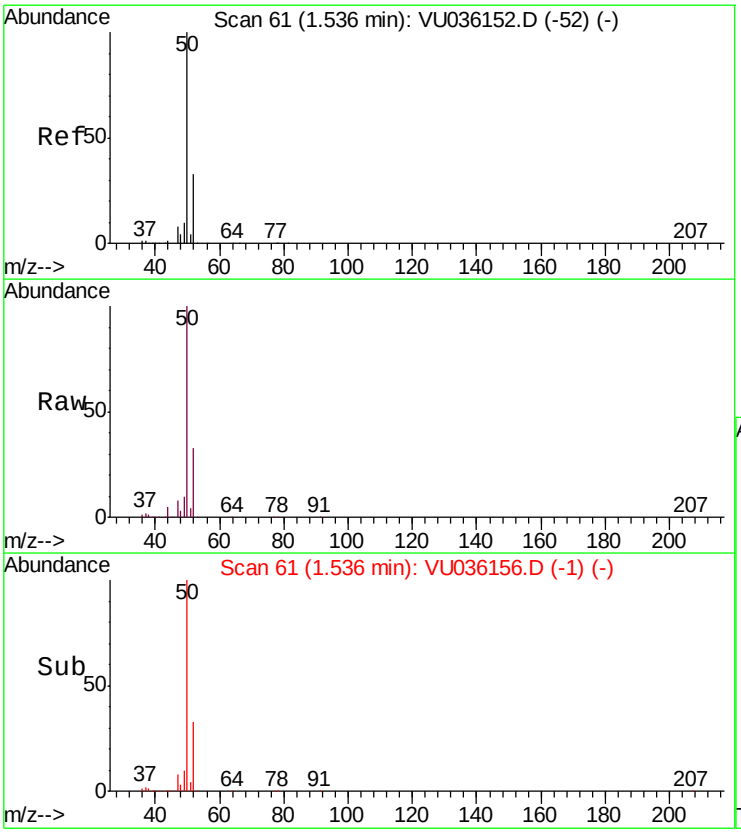
#2
Dichlorodifluoromethane
Concen: 4.567 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 85 Resp: 168577

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.4	39.6

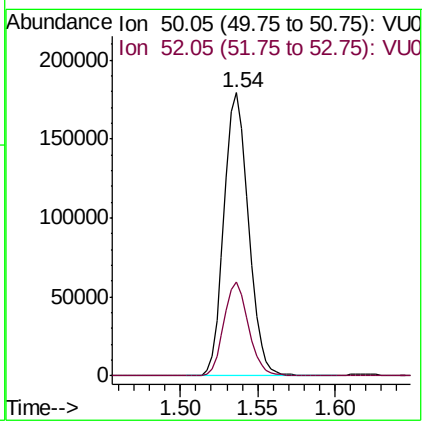


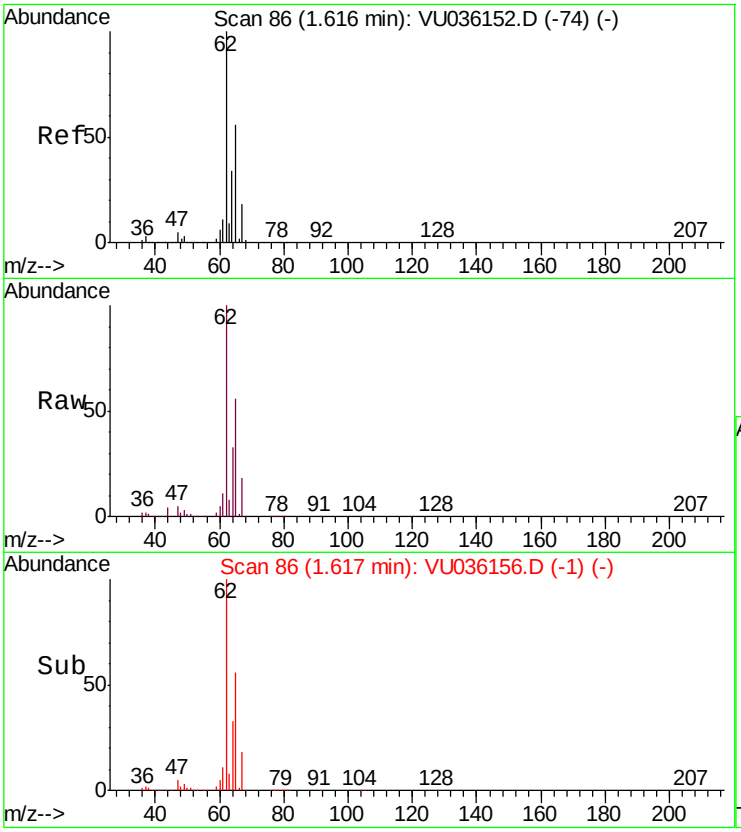


#3
Chloromethane
Concen: 4.134 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 50 Resp: 196967

Ion	Ratio	Lower	Upper
50	100		
52	33.0	23.0	42.8



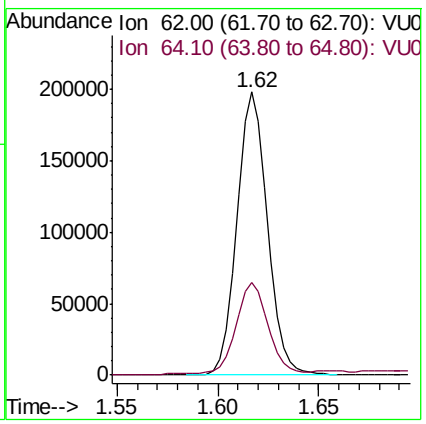


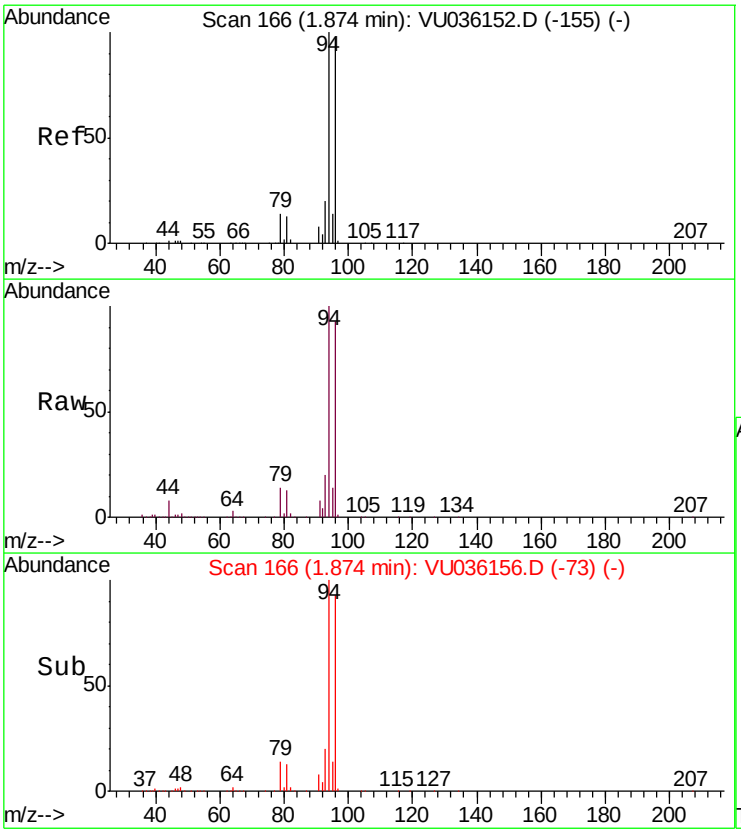
#5
Vinyl chloride
Concen: 4.734 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 62 Resp: 210588

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.0	44.6

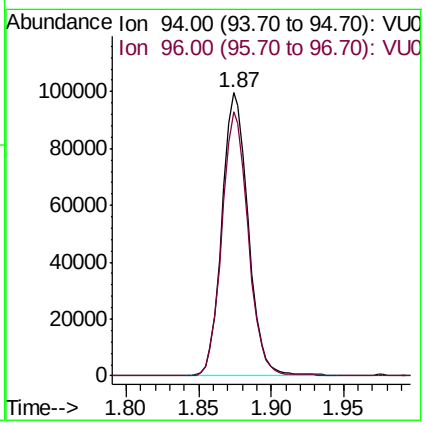


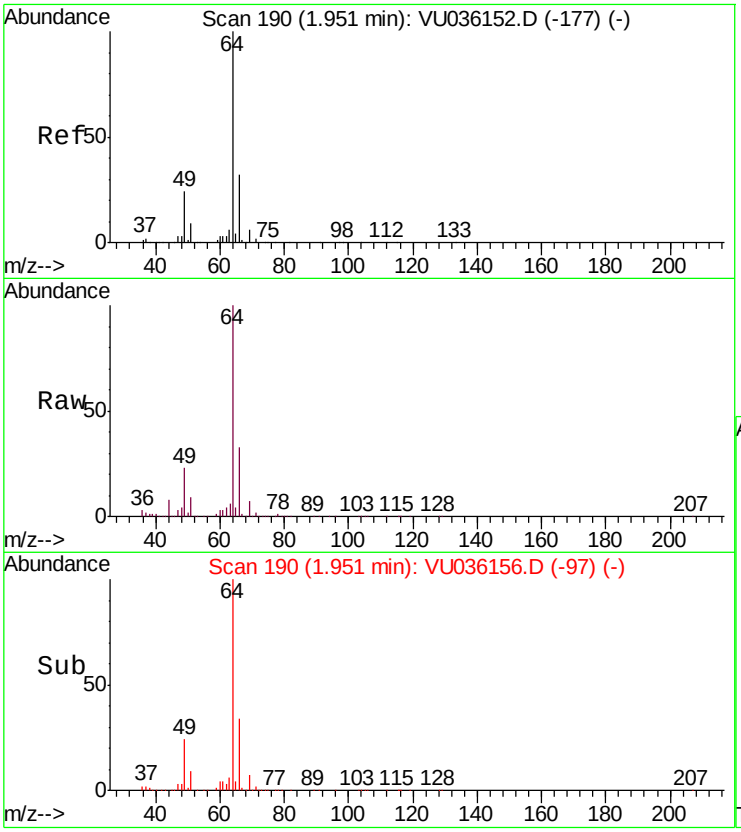


#6
Bromomethane
Concen: 4.586 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 94 Resp: 125389

Ion	Ratio	Lower	Upper
94	100		
96	93.3	67.7	125.7



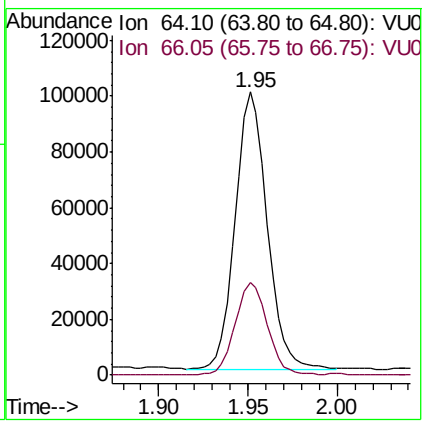


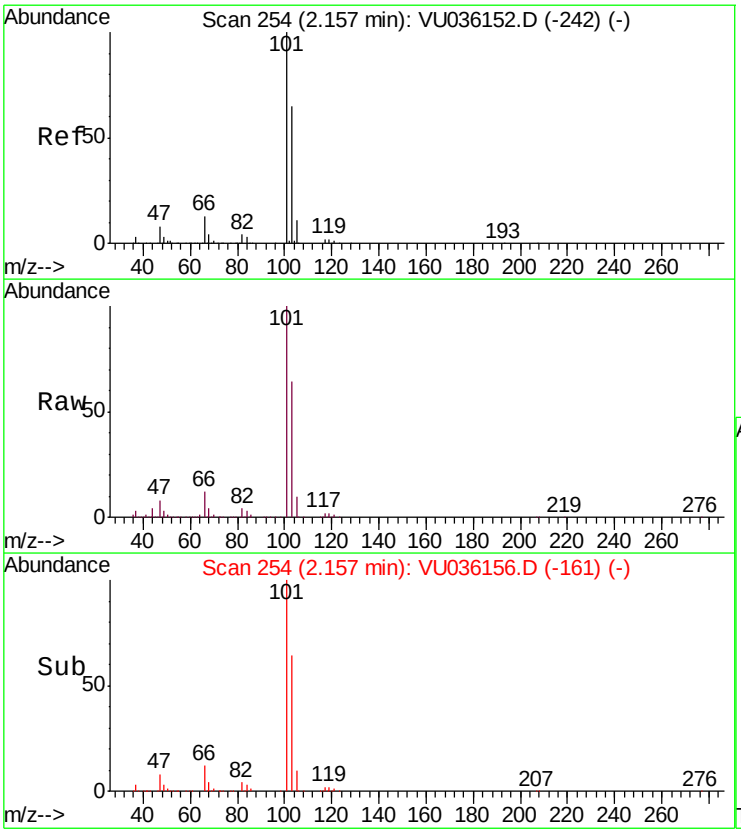
#8
Chloroethane
Concen: 4.489 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 64 Resp: 122908

Ion	Ratio	Lower	Upper
64	100		
66	32.9	22.0	41.0

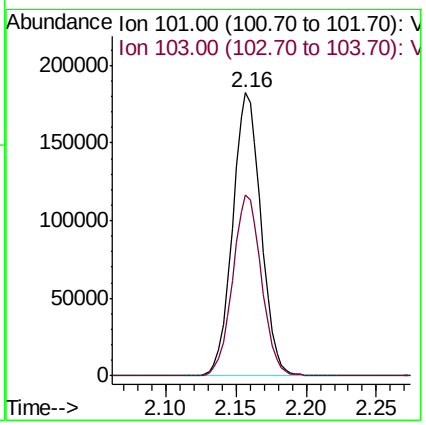


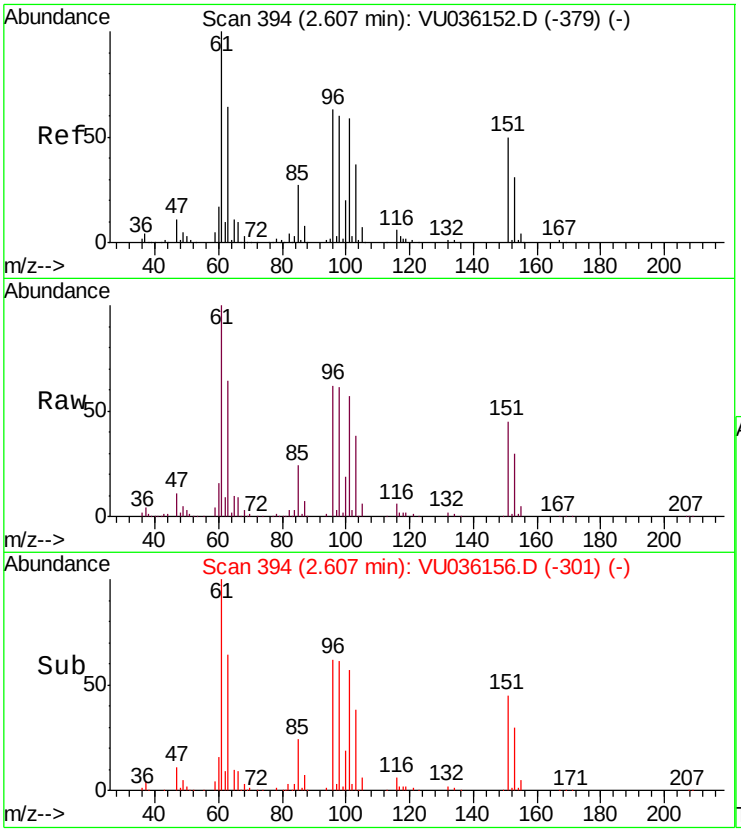


#9
Trichlorofluoromethane
Concen: 4.734 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:101 Resp: 256682

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	78.8



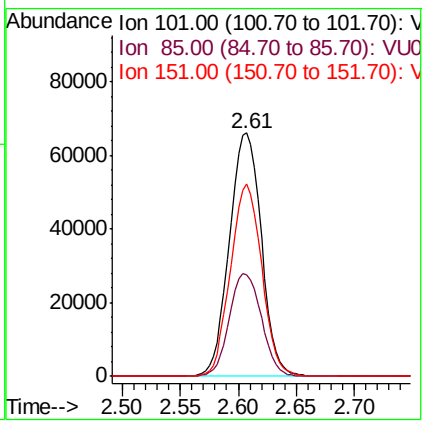


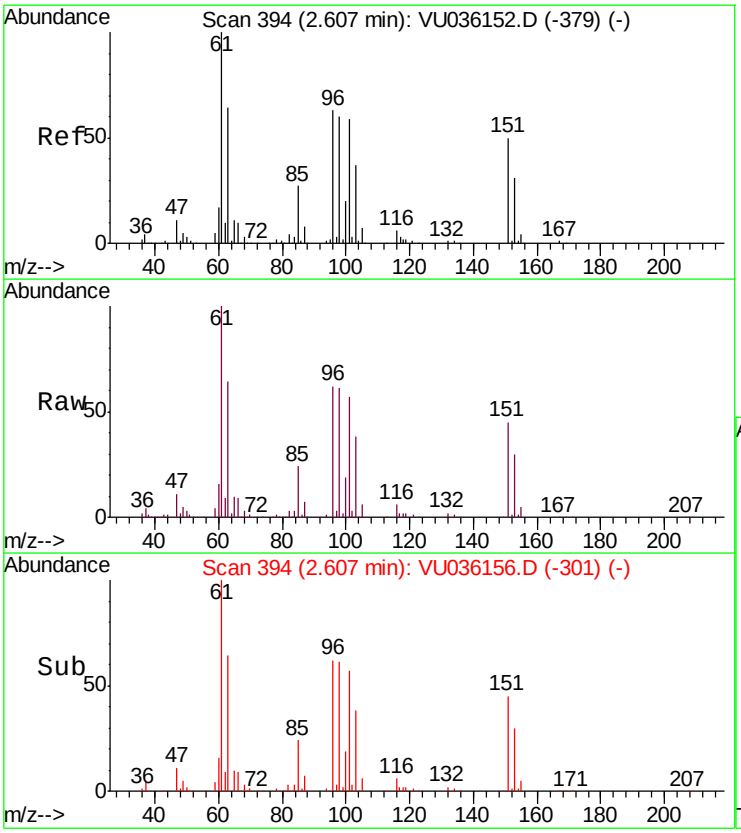
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.694 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:101 Resp: 126167

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.2	51.4
151	77.4	63.4	95.0

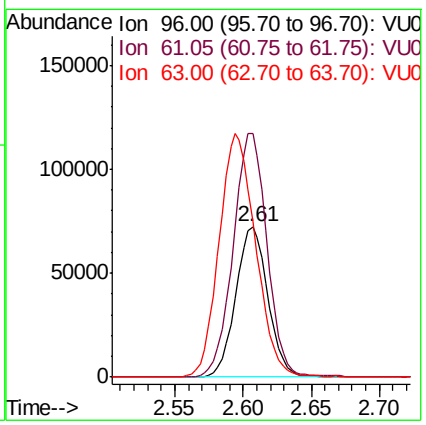


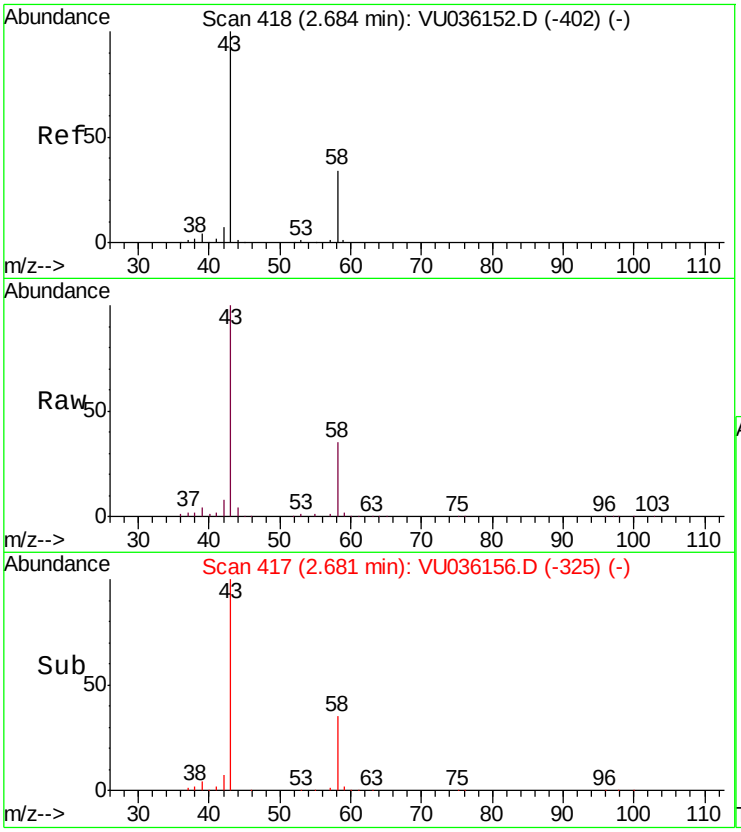


#12
1,1-Dichloroethene
Concen: 4.693 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 96 Resp: 117765

Ion	Ratio	Lower	Upper
96	100		
61	162.0	110.6	205.4
63	103.2	71.6	133.0



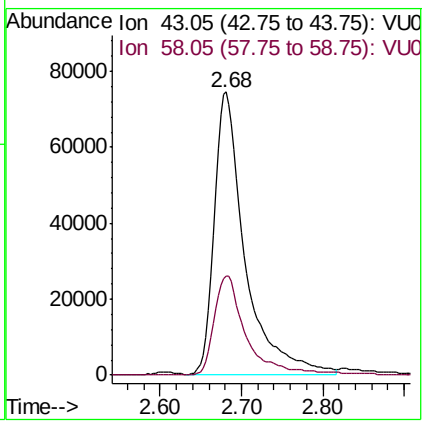


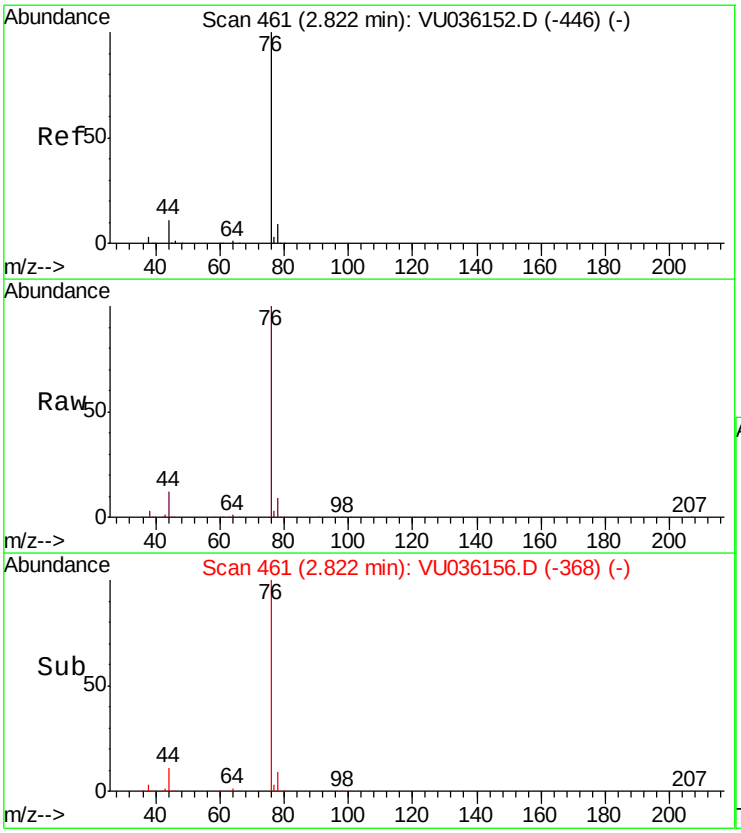
#13
Acetone
Concen: 41.842 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 43 Resp: 197370

Ion	Ratio	Lower	Upper
43	100		
58	36.9	0.0	70.0

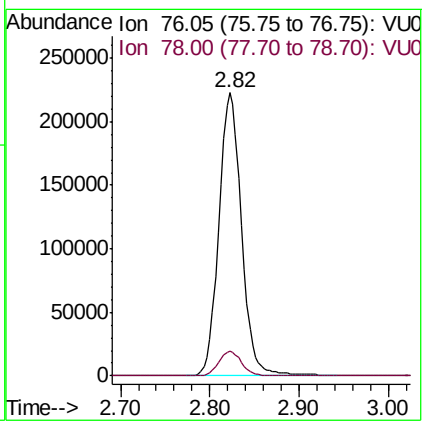


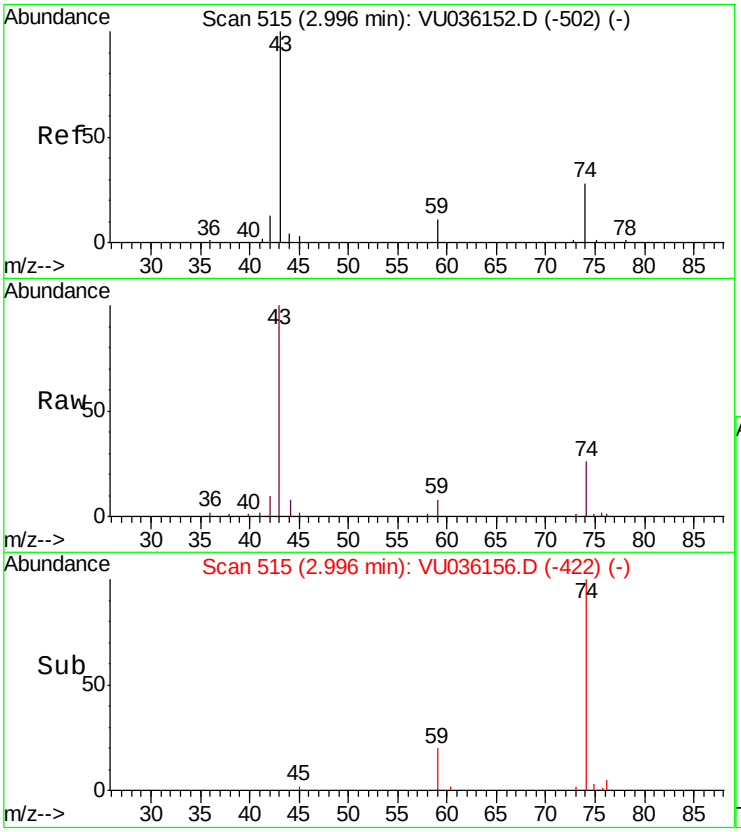


#14
Carbon disulfide
Concen: 4.694 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 76 Resp: 391483

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8



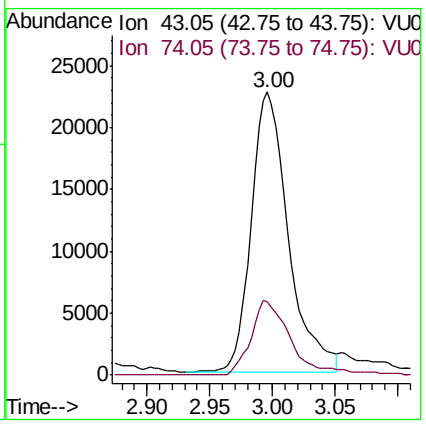


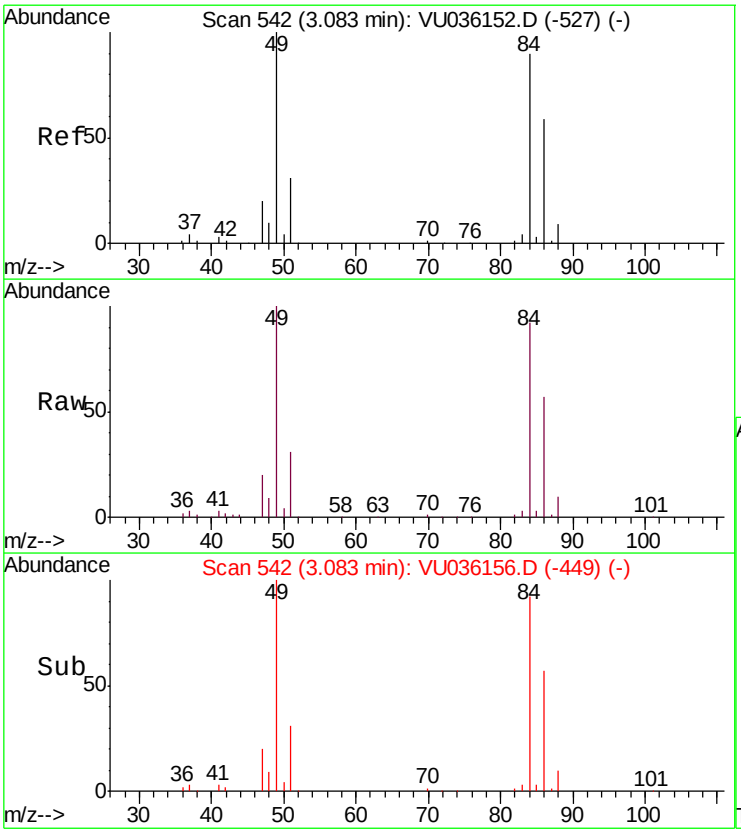
#15
Methyl Acetate
Concen: 4.668 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 43 Resp: 46946

Ion	Ratio	Lower	Upper
43	100		
74	29.0	20.6	30.8

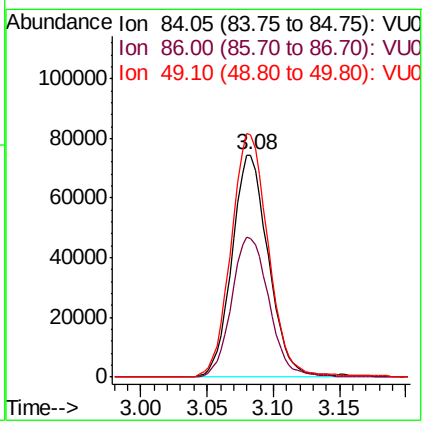


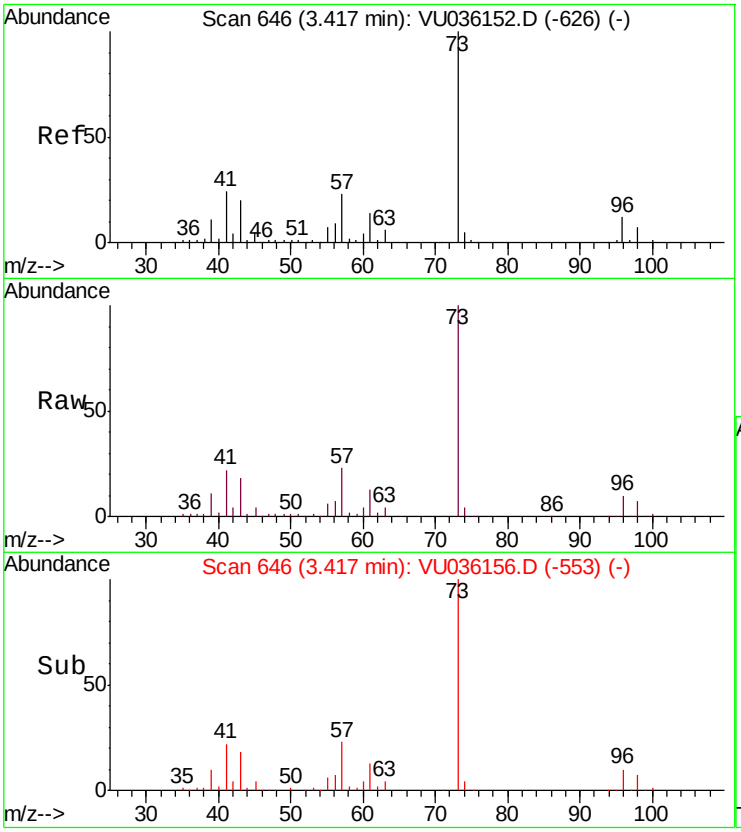


#16
Methylene chloride
Concen: 4.050 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 84 Resp: 142107

Ion	Ratio	Lower	Upper
84	100		
86	62.4	46.1	85.5
49	109.2	77.7	144.3



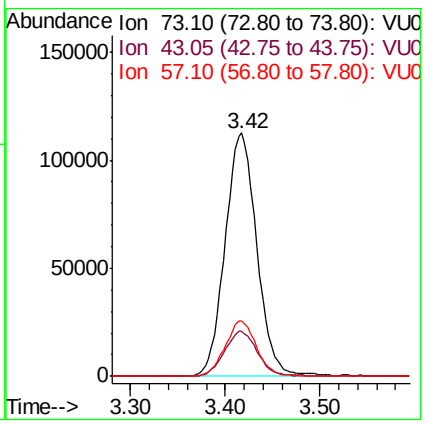


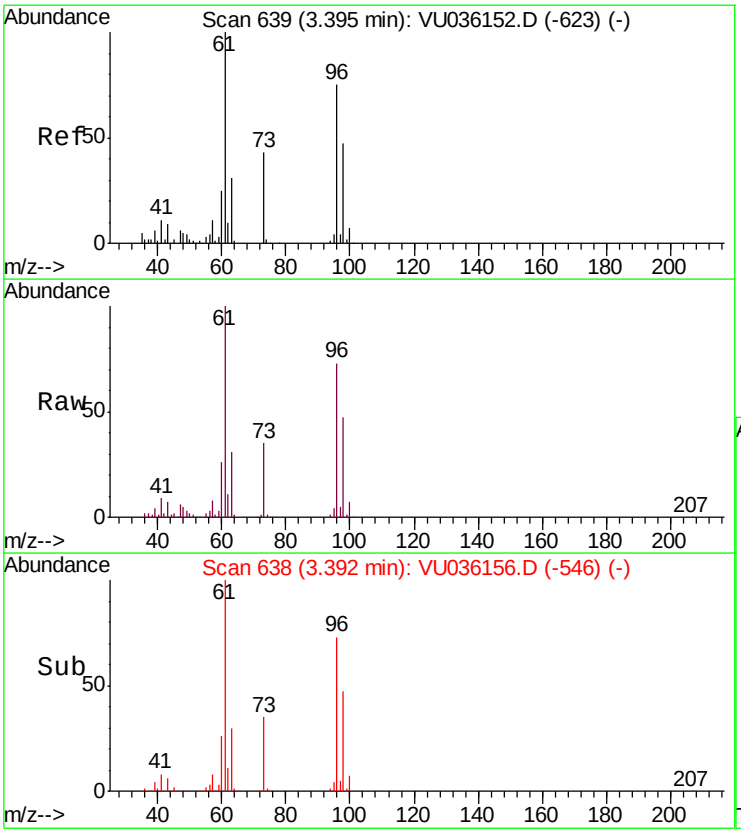
#17
Methyl tert-butyl Ether
Concen: 5.041 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 73 Resp: 263093

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.3	22.9
57	22.5	18.3	27.5

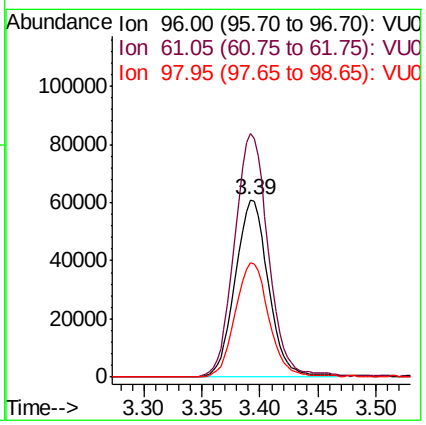


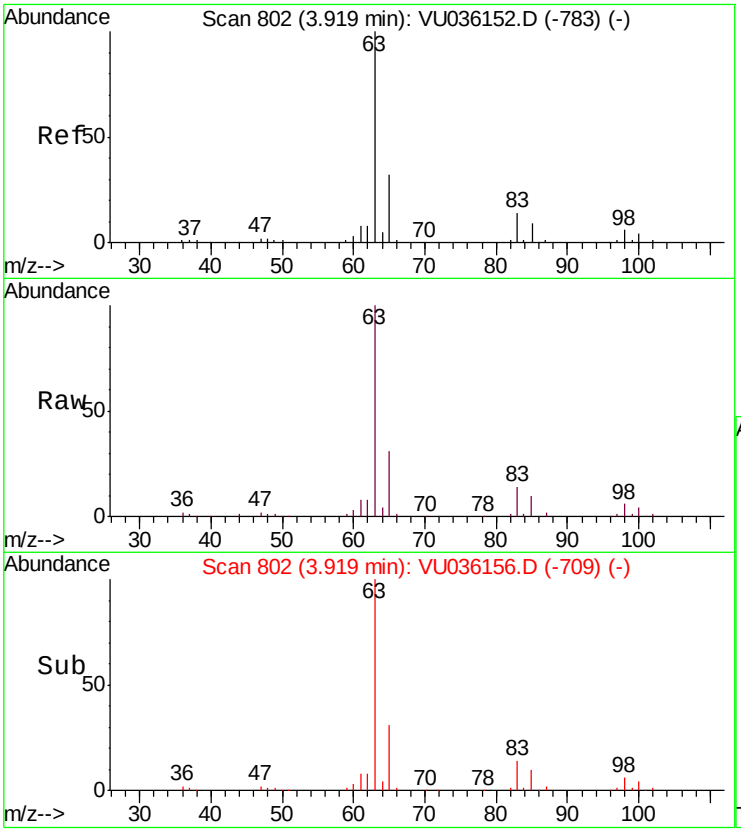


#18
trans-1,2-Dichloroethene
Concen: 4.680 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 96 Resp: 121858

Ion	Ratio	Lower	Upper
96	100		
61	137.1	93.2	173.2
98	64.1	43.5	80.9



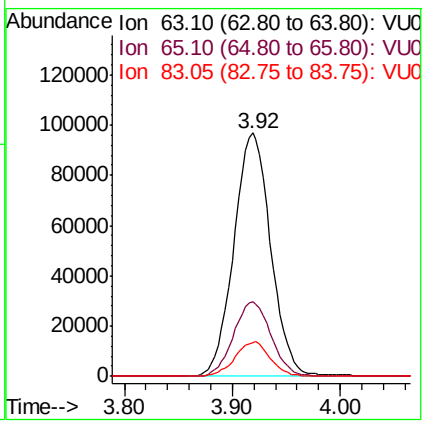


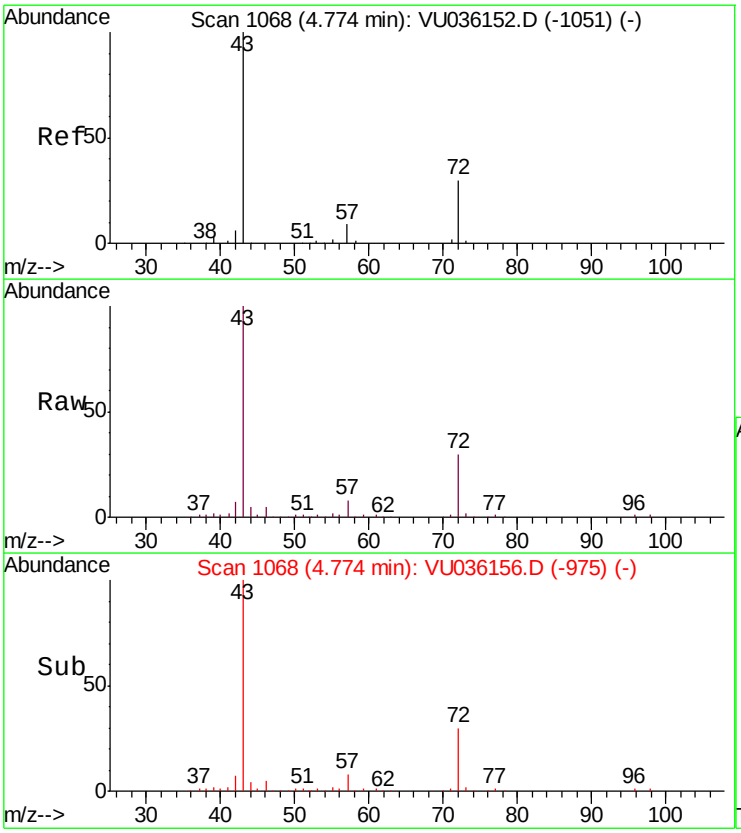
#19
1,1-Dichloroethane
Concen: 4.809 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 63 Resp: 230315

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.2	41.2
83	14.0	9.8	18.2

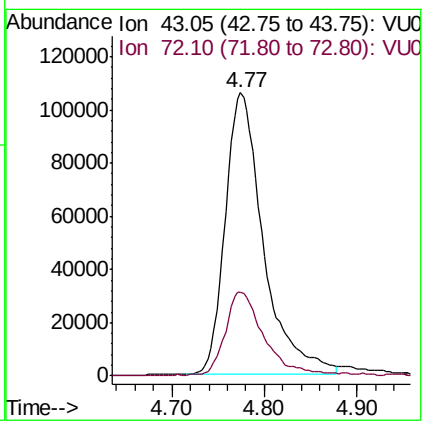


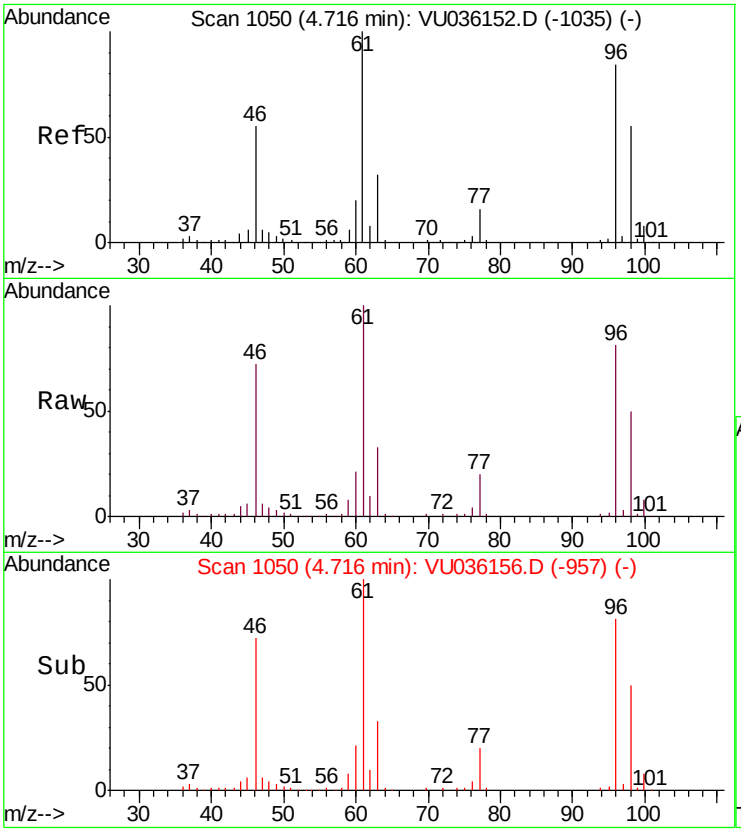


#21
2-Butanone
Concen: 48.313 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 43 Resp: 303812

Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.4	43.2



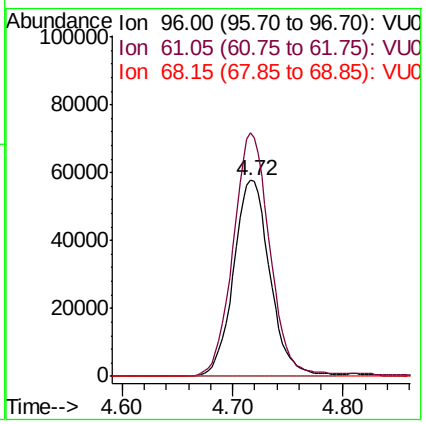


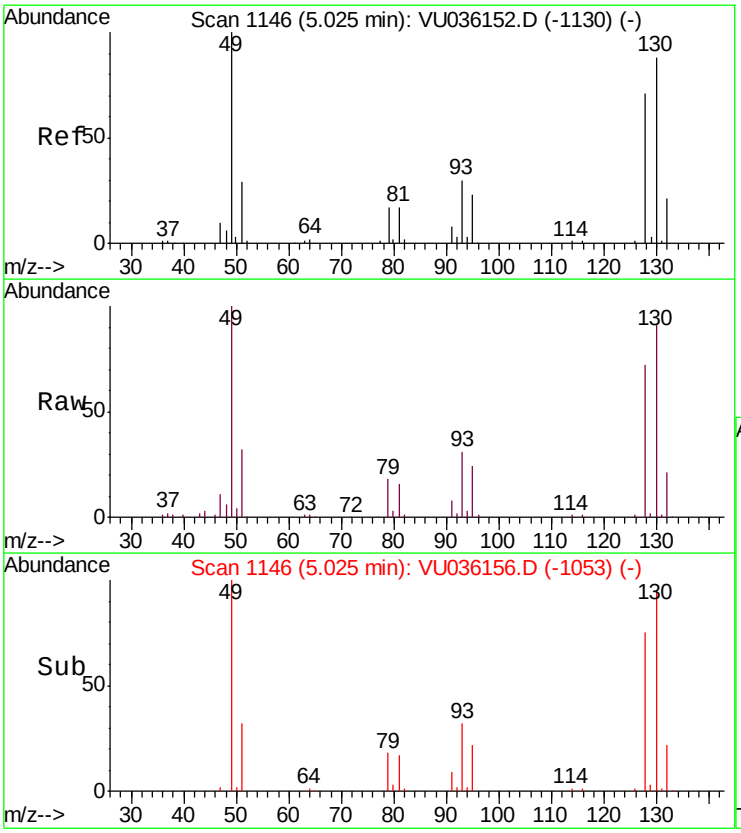
#22
cis-1,2-Dichloroethene
Concen: 4.920 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 96 Resp: 131850

Ion	Ratio	Lower	Upper
96	100		
61	124.1	83.8	155.6
68	0.0	0.0	0.0

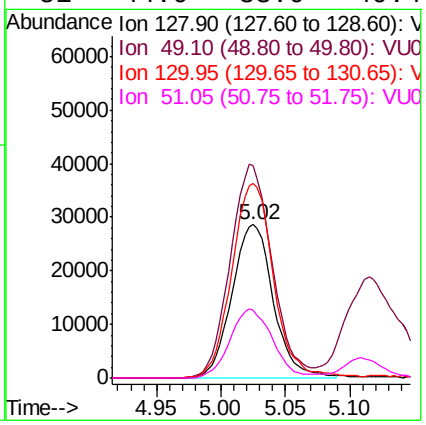


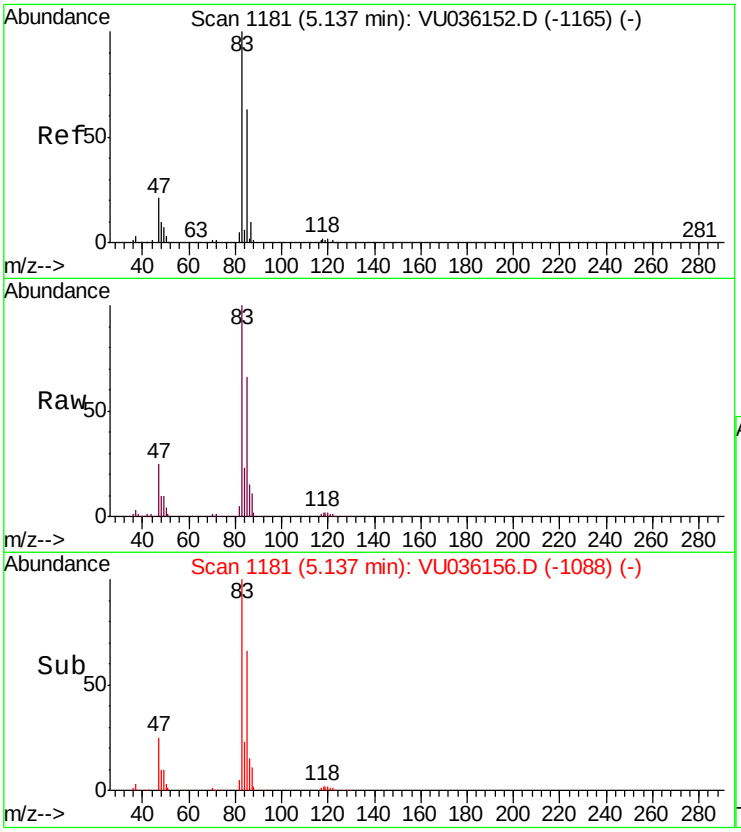


#23
Bromochloromethane
Concen: 4.785 ug/L
RT: 5.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:128 Resp: 63823

Ion	Ratio	Lower	Upper
128	100		
49	139.0	98.3	182.7
130	126.8	86.0	159.6
51	44.0	33.0	49.4



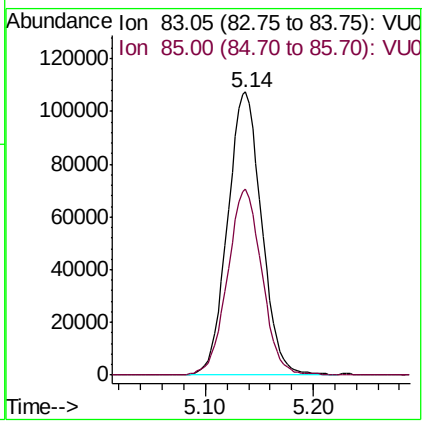


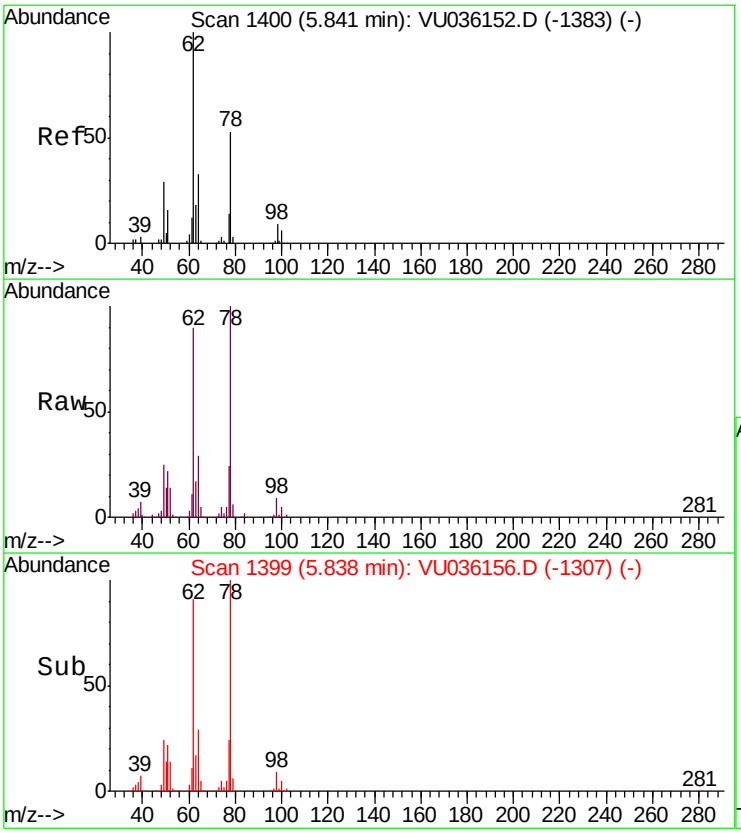
#25
Chloroform
Concen: 4.655 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 83 Resp: 235706

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.2	82.0

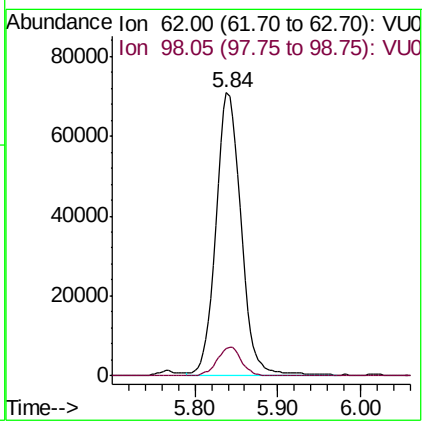


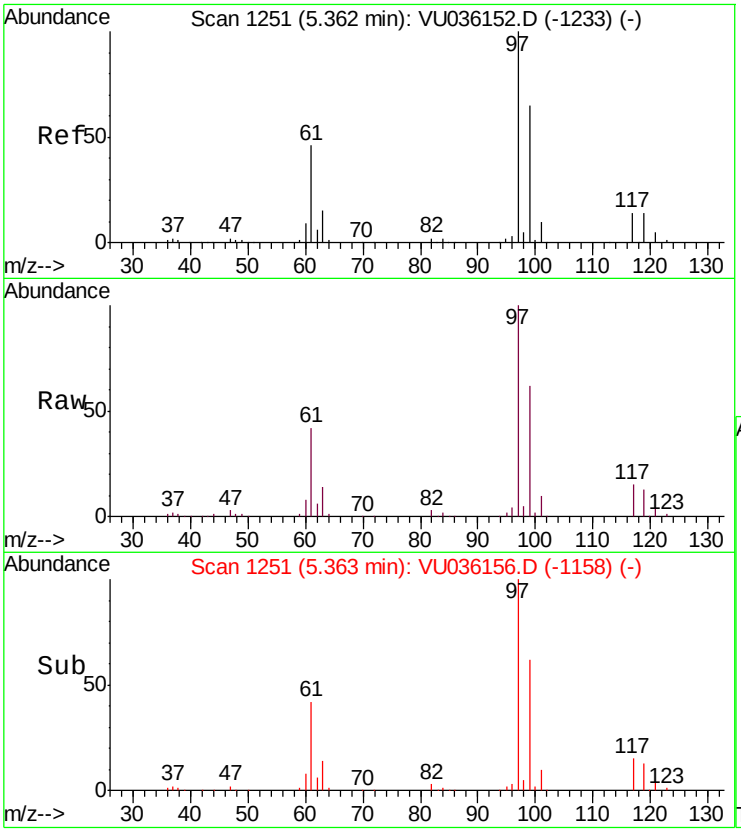


#27
1,2-Dichloroethane
Concen: 5.005 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 62 Resp: 148540

Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.3	10.9



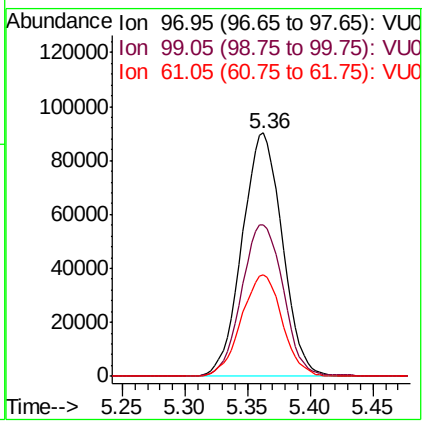


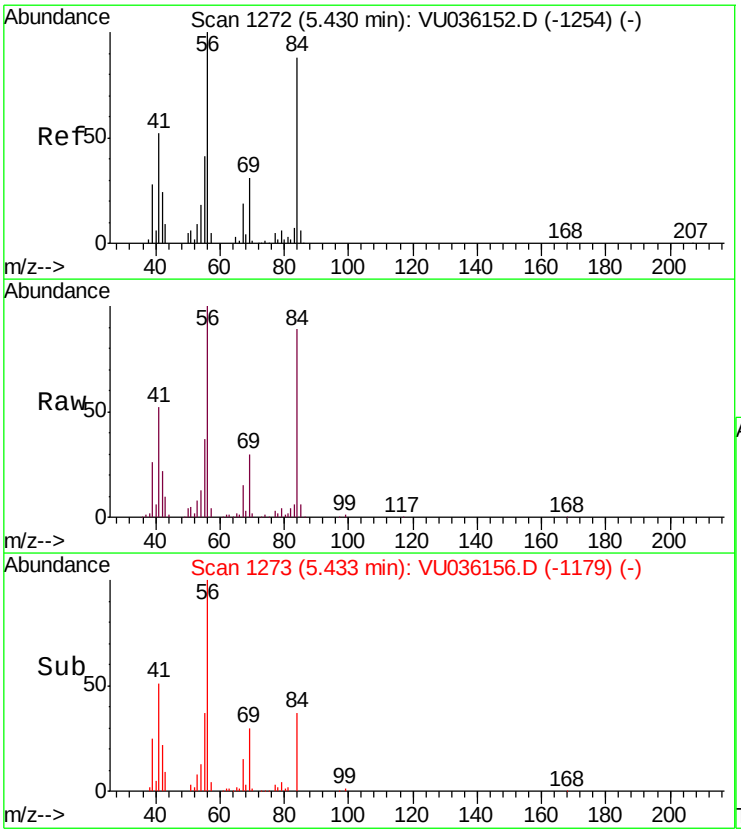
#29
1,1,1-Trichloroethane
Concen: 4.839 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 97 Resp: 201469

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.6	79.0
61	42.3	35.4	53.2

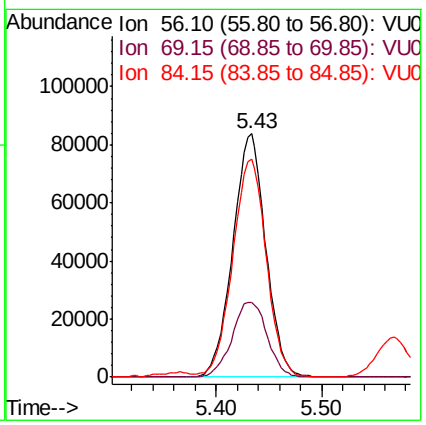


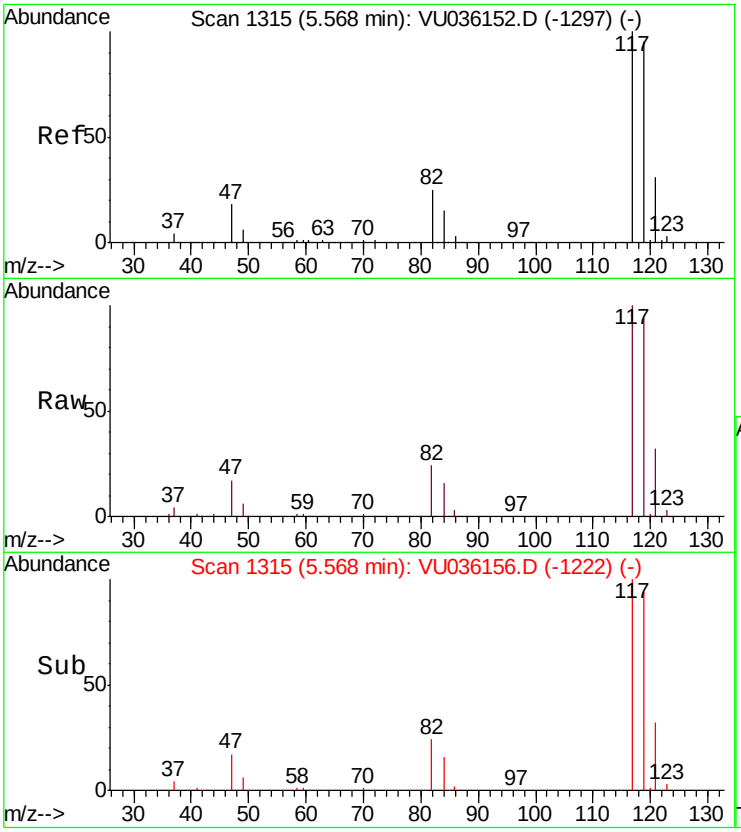


#30
Cyclohexane
Concen: 5.114 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 56 Resp: 181244

Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.7	37.1
84	91.3	71.4	107.2



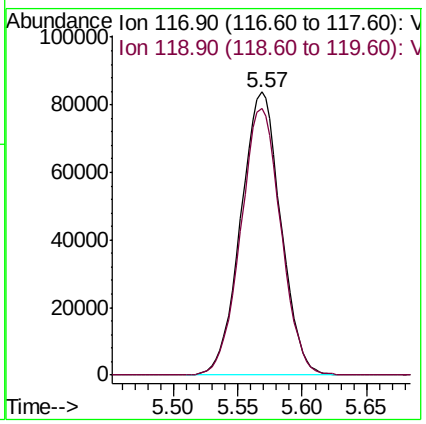


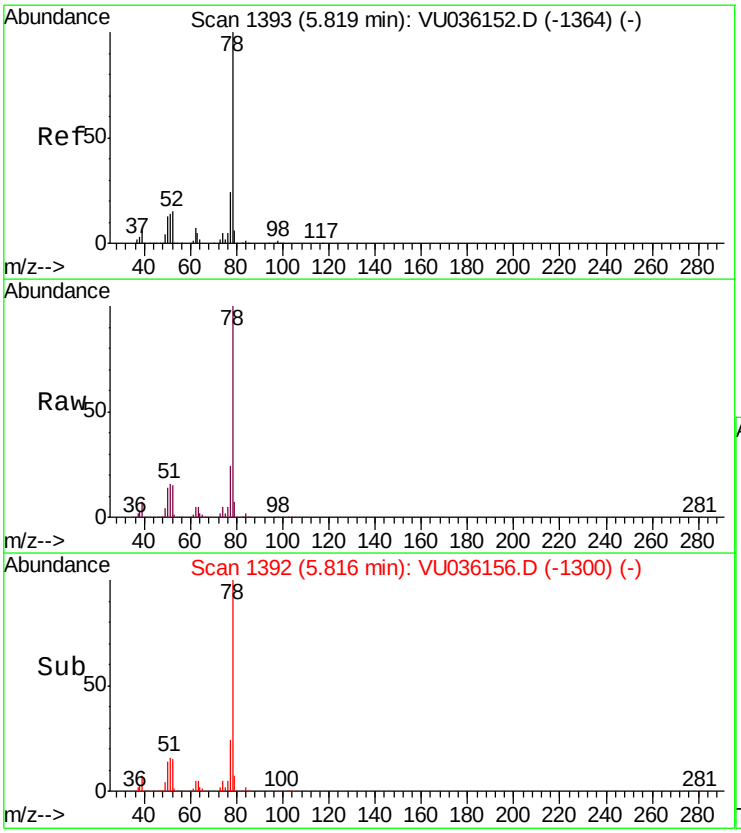
#31
Carbon tetrachloride
Concen: 4.859 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:117 Resp: 181047

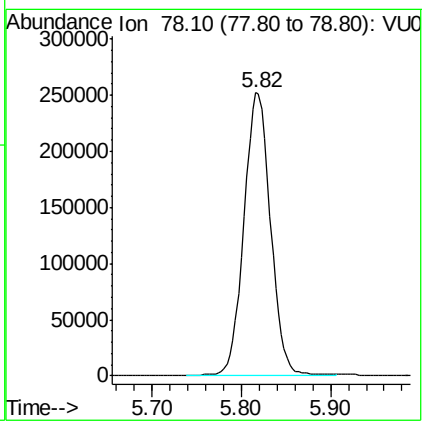
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	114.8

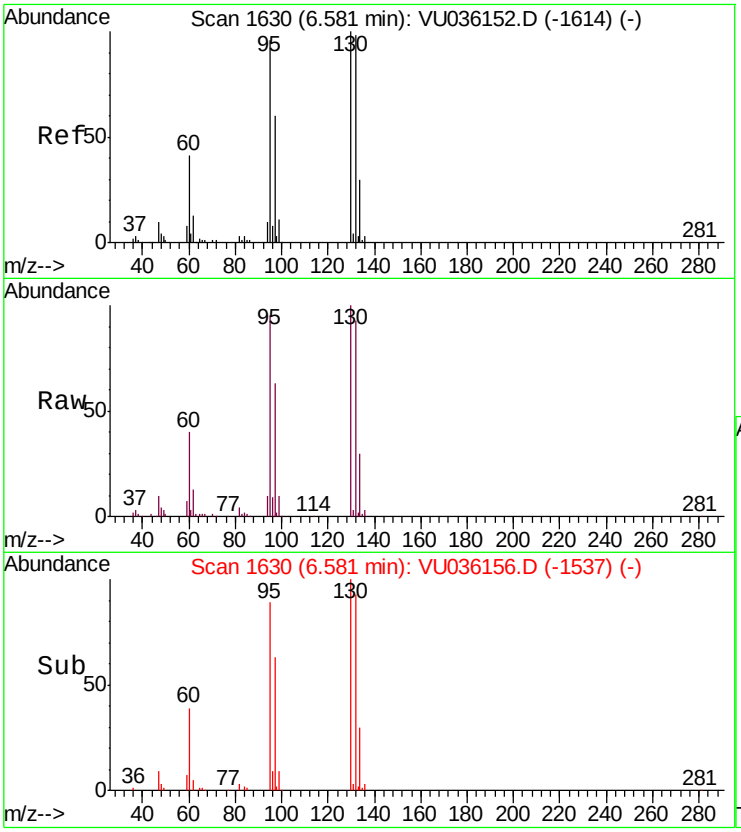




#33
Benzene
Concen: 5.013 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 78 Resp: 523547



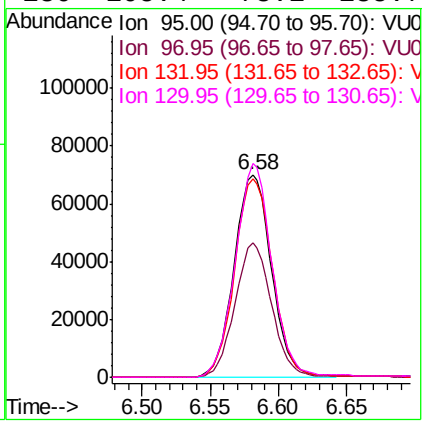


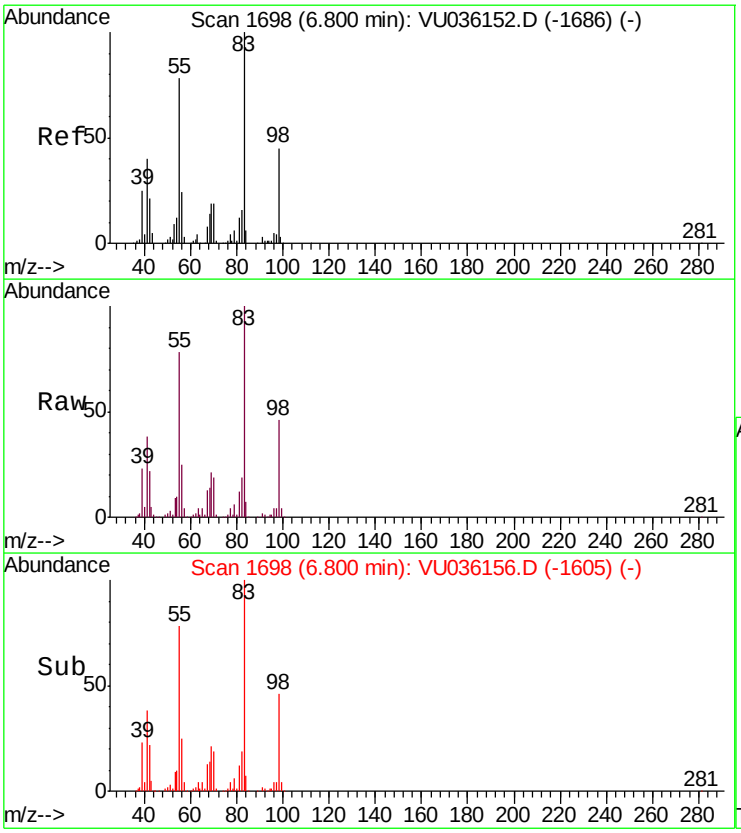
#34
Trichloroethene
Concen: 5.001 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 95 Resp: 133585

Ion	Ratio	Lower	Upper
95	100		
97	66.3	43.7	81.1
132	97.8	71.7	133.3
130	105.4	73.1	135.7

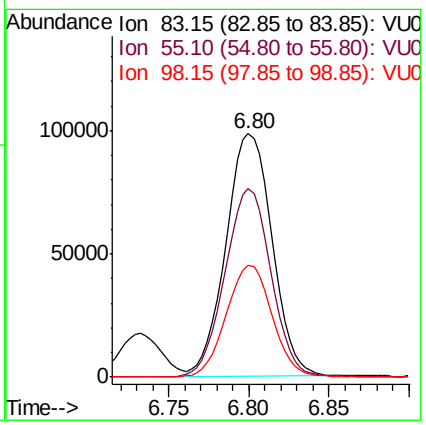


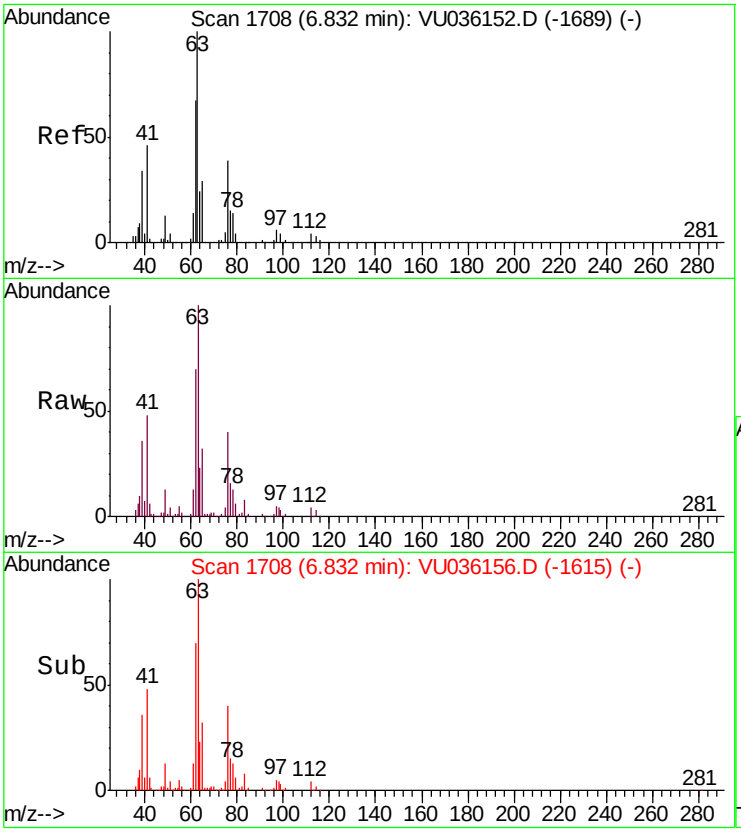


#35
Methylcyclohexane
Concen: 5.092 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 83 Resp: 193860

Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.9	92.9
98	45.6	35.8	53.6



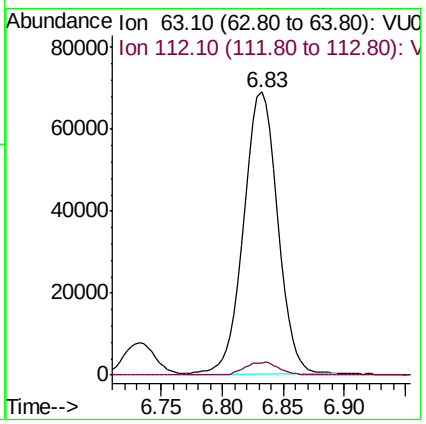


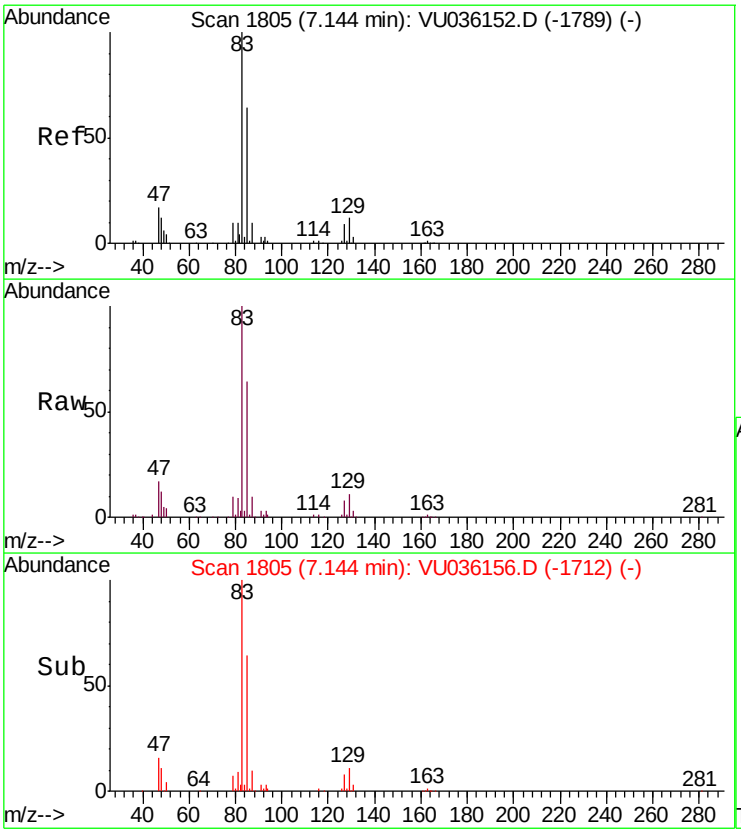
#37
1,2-Dichloropropane
Concen: 4.911 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 63 Resp: 132312

Ion	Ratio	Lower	Upper
63	100		
112	4.5	3.6	5.4

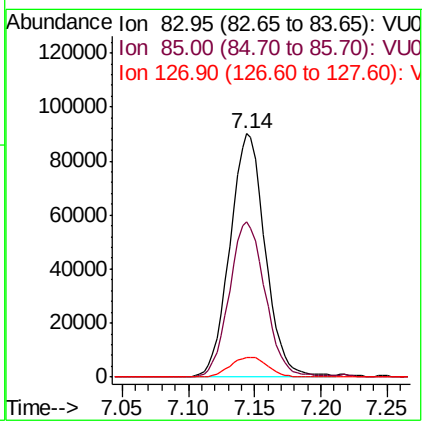


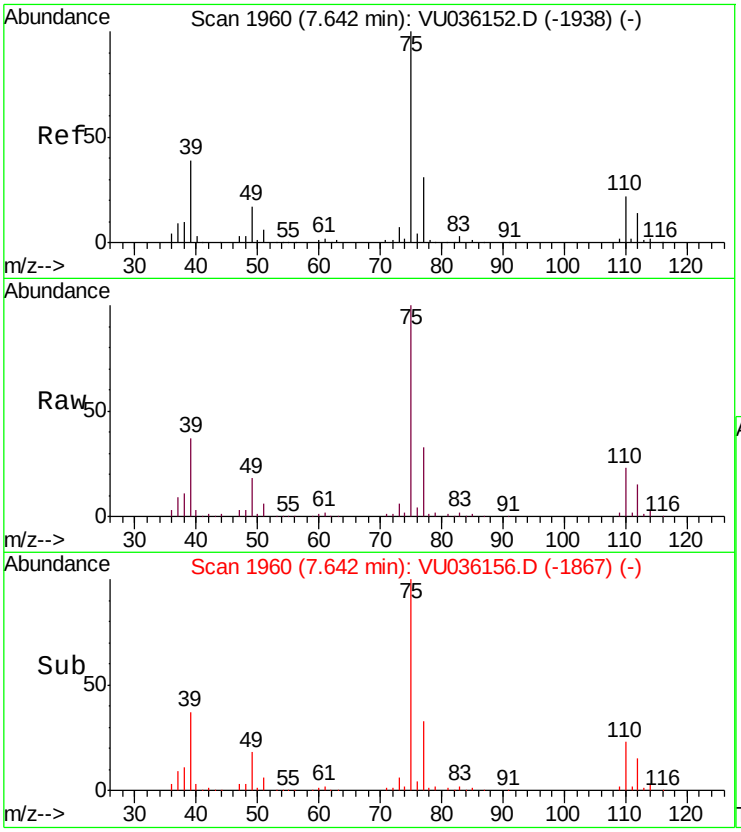


#38
Bromodichloromethane
Concen: 4.820 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 83 Resp: 165783

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.7	83.1
127	8.1	7.4	11.0



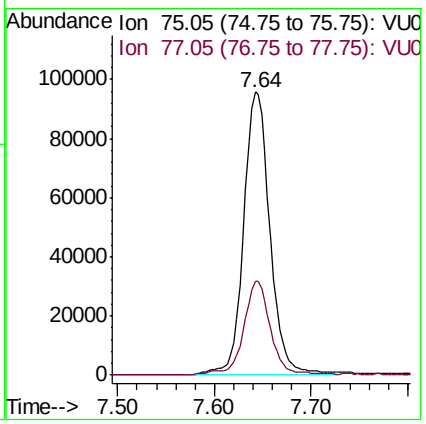


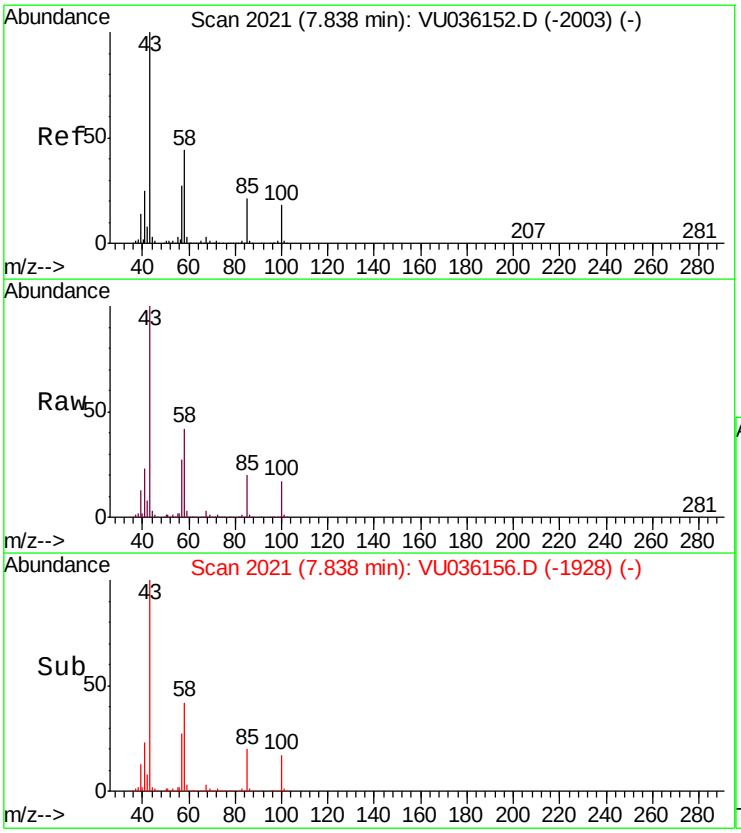
#39
cis-1,3-Dichloropropene
Concen: 5.088 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 75 Resp: 181219

Ion	Ratio	Lower	Upper
75	100		
77	33.0	22.3	41.5

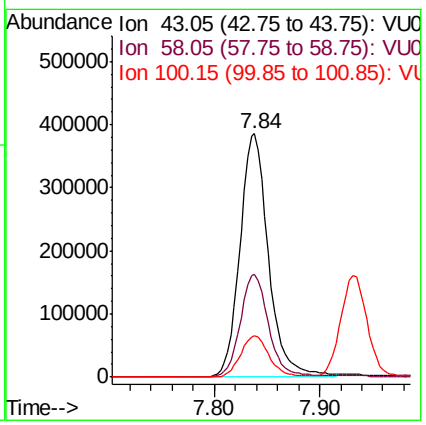


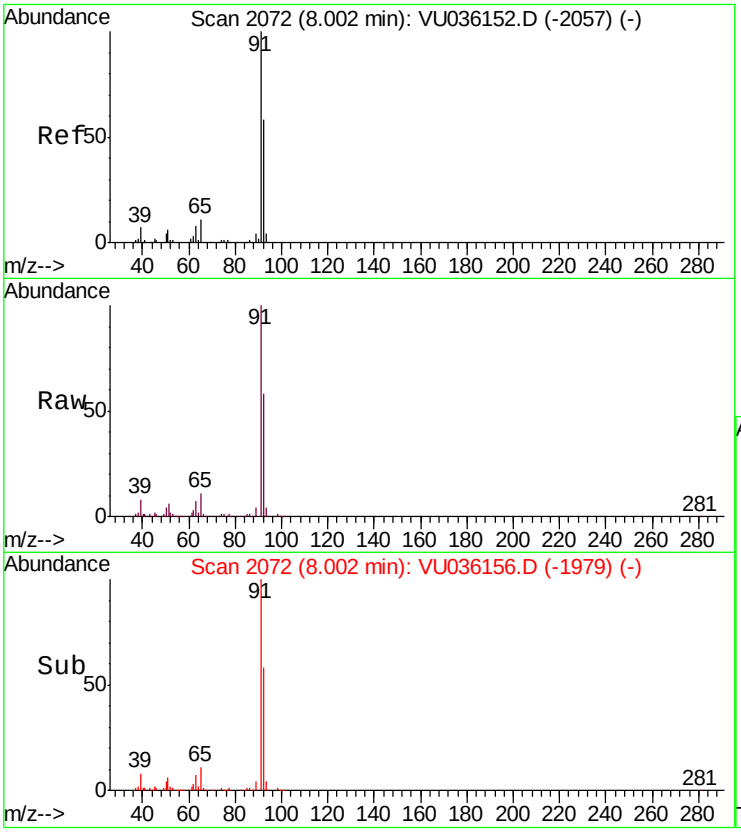


#40
4-Methyl-2-pentanone
Concen: 53.267 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 43 Resp: 724476

Ion	Ratio	Lower	Upper
43	100		
58	41.9	34.4	51.6
100	17.2	13.4	20.2



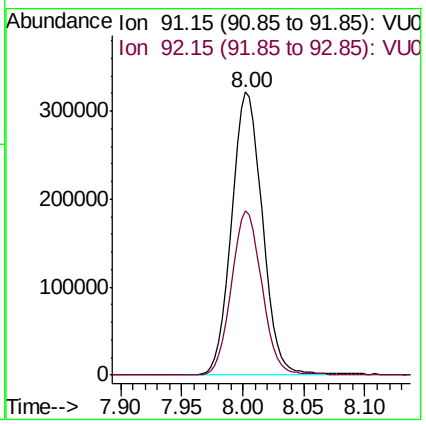


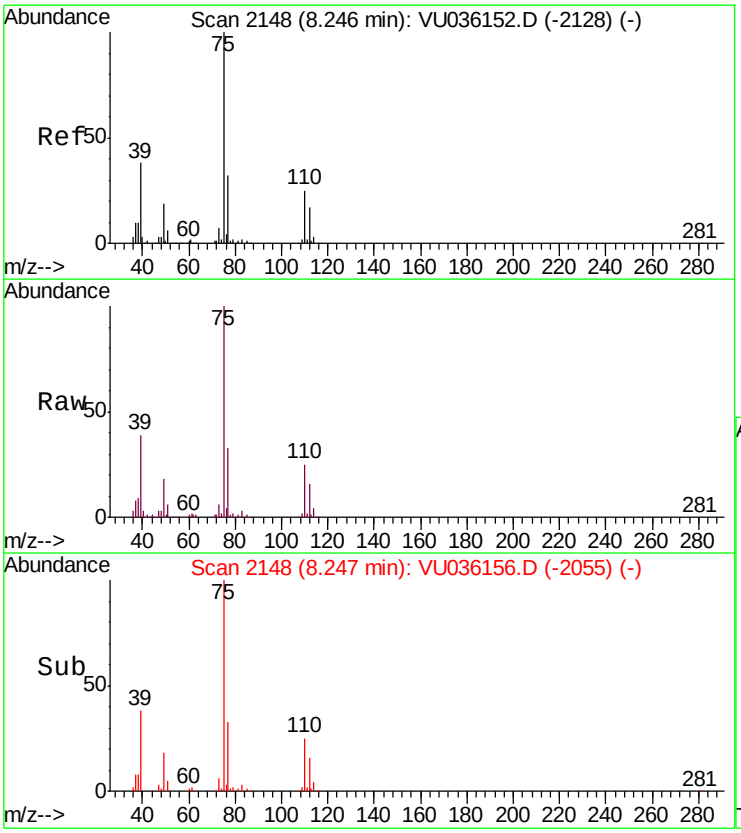
#42
Toluene
Concen: 5.102 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 91 Resp: 564317

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.7	75.7

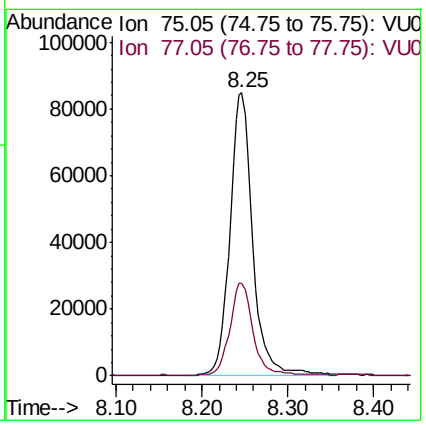


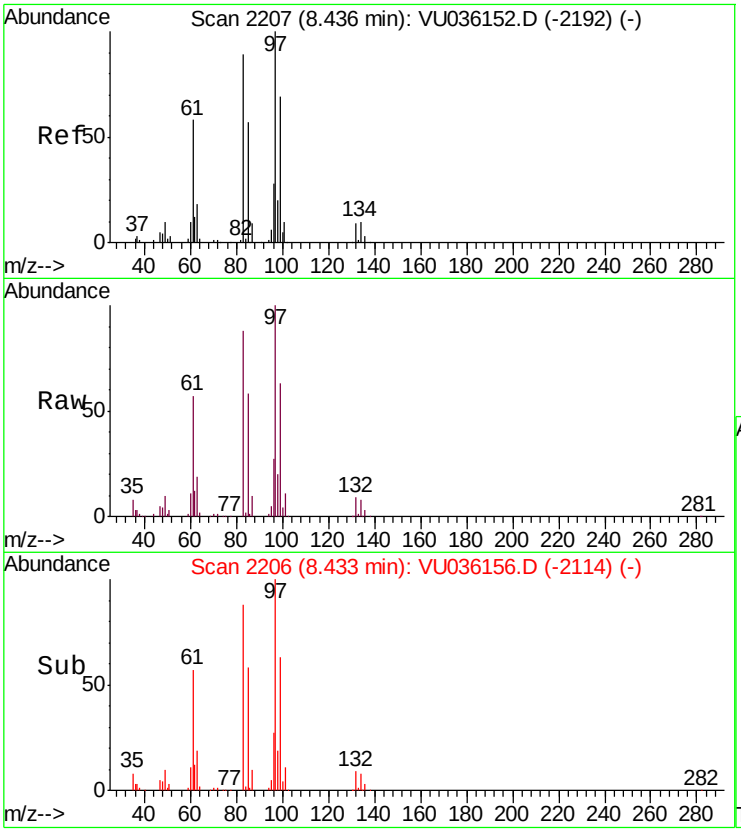


#44
trans-1,3-Dichloropropene
Concen: 5.206 ug/L
RT: 8.25 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 75 Resp: 156329

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.6	42.0



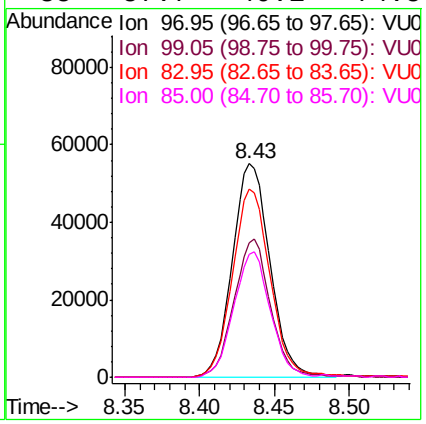


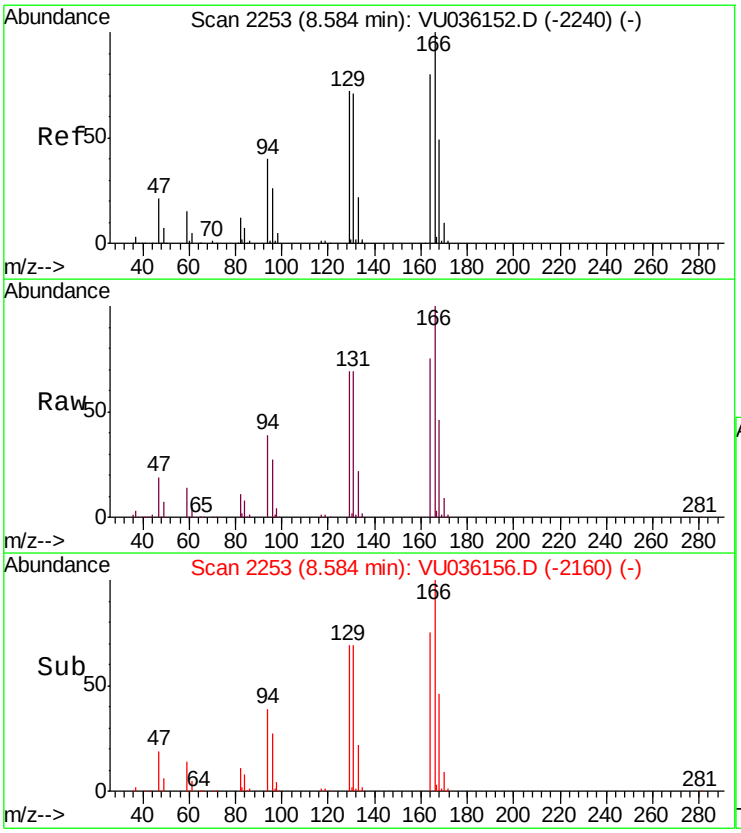
#45
1,1,2-Trichloroethane
Concen: 4.865 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 97 Resp: 96688

Ion	Ratio	Lower	Upper
97	100		
99	62.7	48.4	90.0
83	88.0	62.2	115.4
85	57.7	40.1	74.5

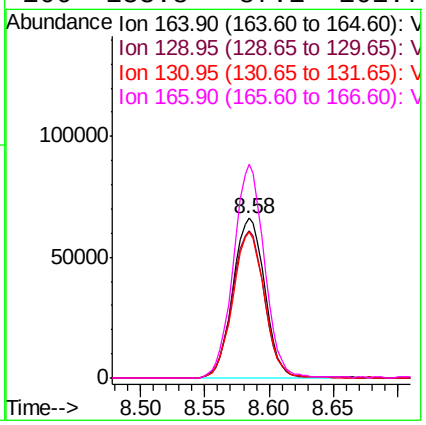


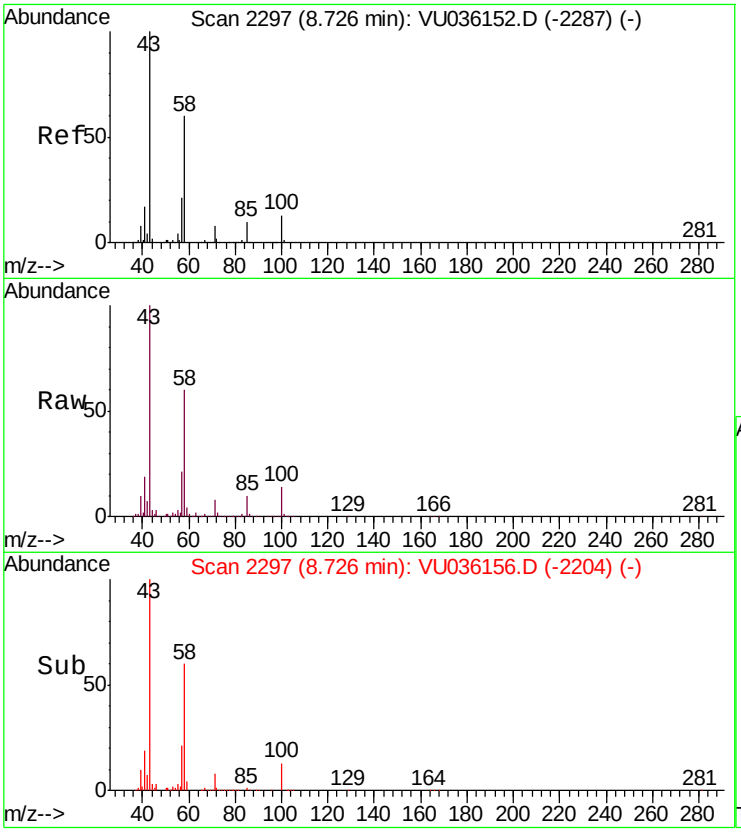


#47
Tetrachloroethene
Concen: 4.885 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:164 Resp: 114320

Ion	Ratio	Lower	Upper
164	100		
129	92.6	63.1	117.3
131	91.8	61.4	114.0
166	133.8	87.1	161.7



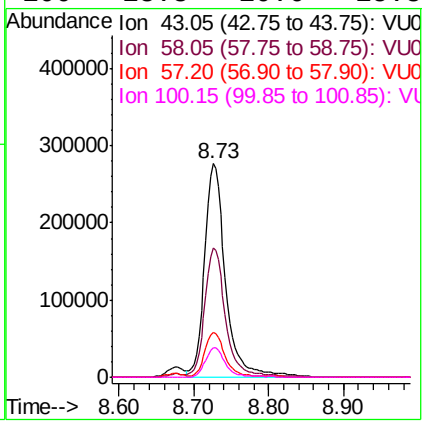


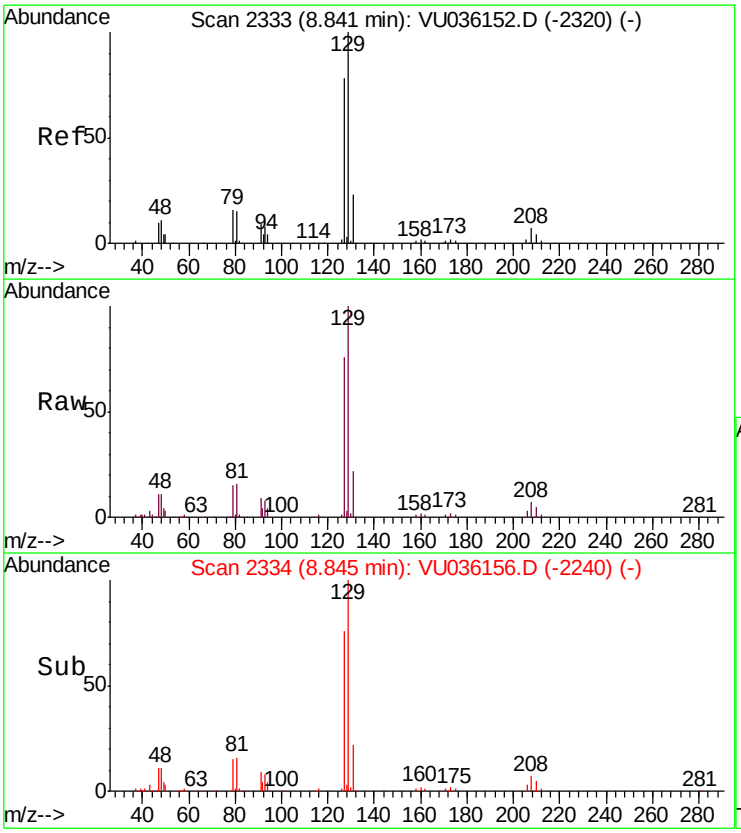
#48
2-Hexanone
Concen: 54.132 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 43 Resp: 540078

Ion	Ratio	Lower	Upper
43	100		
58	59.3	48.6	72.8
57	21.1	16.7	25.1
100	13.3	10.6	15.8

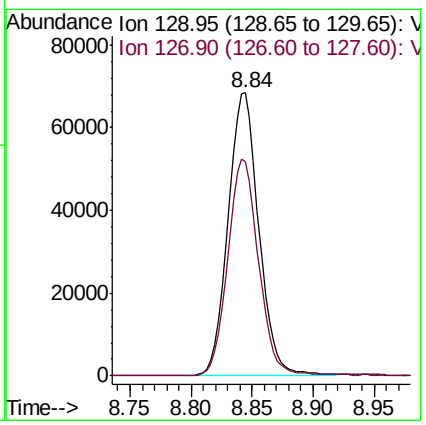


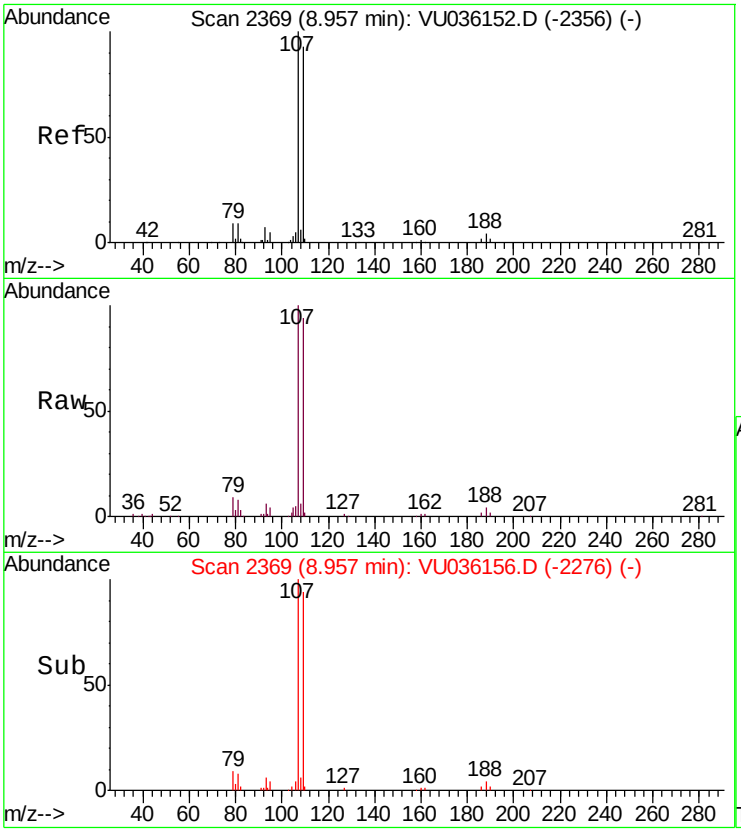


#49
Dibromochloromethane
Concen: 4.897 ug/L
RT: 8.84 min Scan# 2334
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:129 Resp: 120565

Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.7	101.5



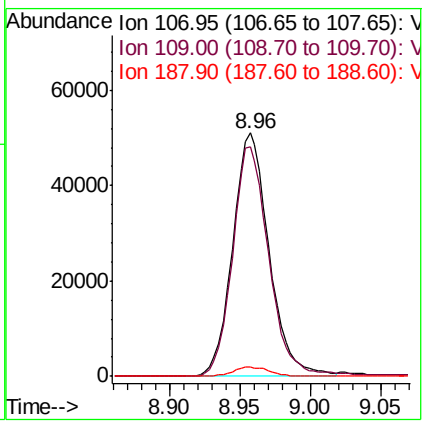


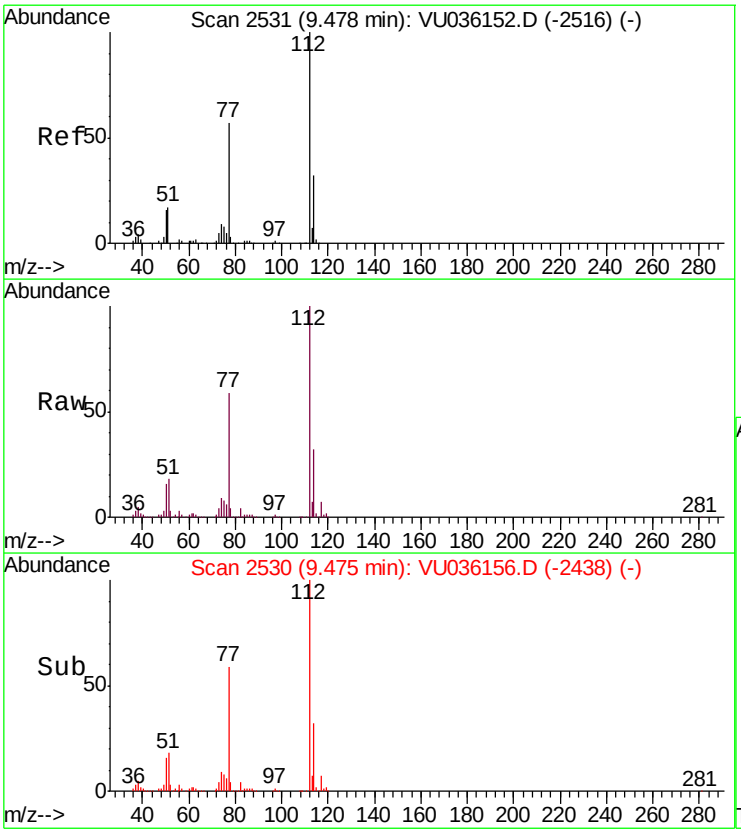
#50
1,2-Dibromoethane
Concen: 4.953 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:107 Resp: 92244

Ion	Ratio	Lower	Upper
107	100		
109	94.4	65.4	121.4
188	3.7	3.4	5.2

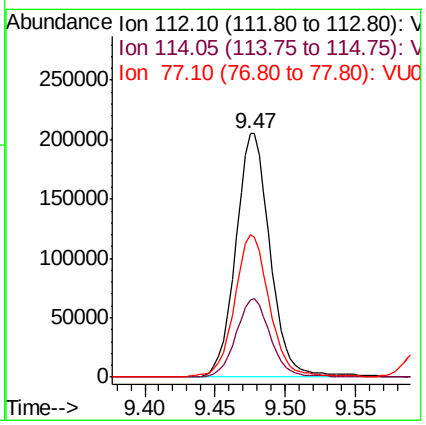


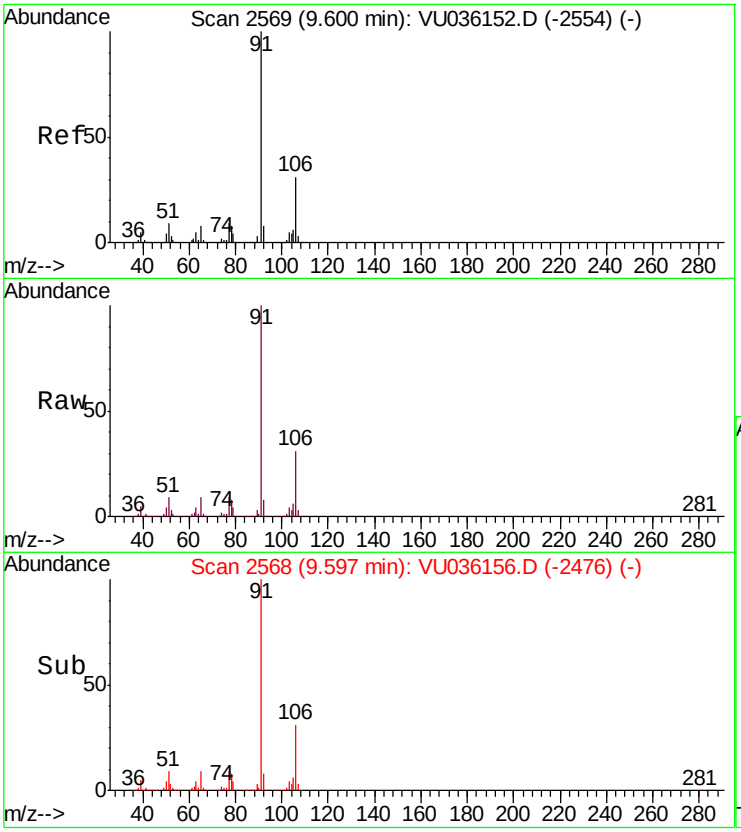


#51
Chlorobenzene
Concen: 4.841 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:112 Resp: 348674

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	58.6	45.7	68.5



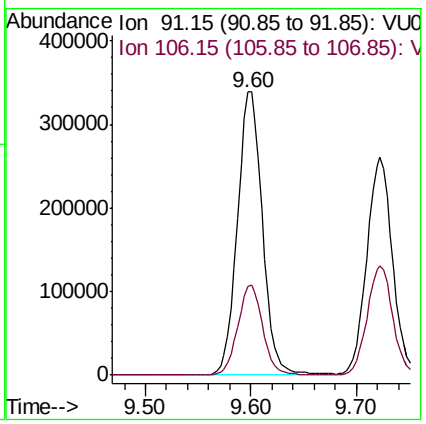


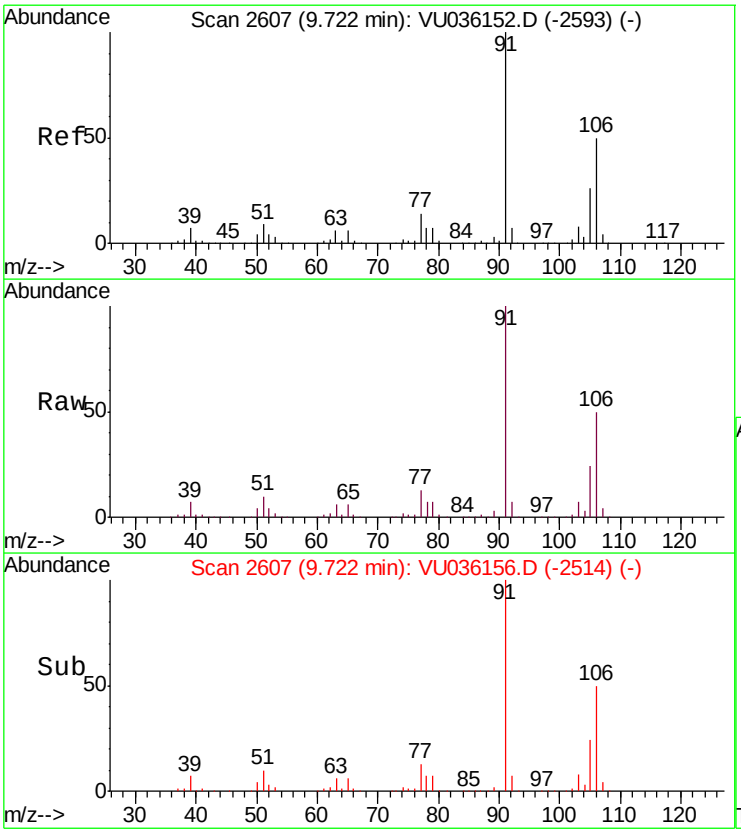
#52
Ethylbenzene
Concen: 5.188 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion: 91 Resp: 558269

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.6	40.2

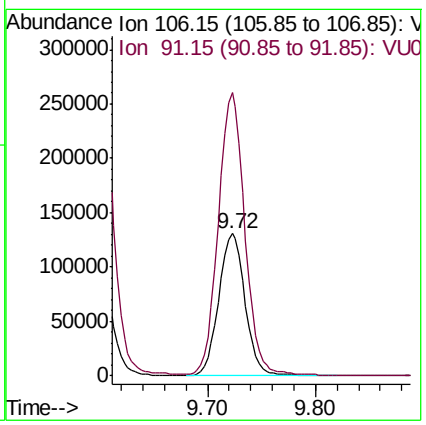


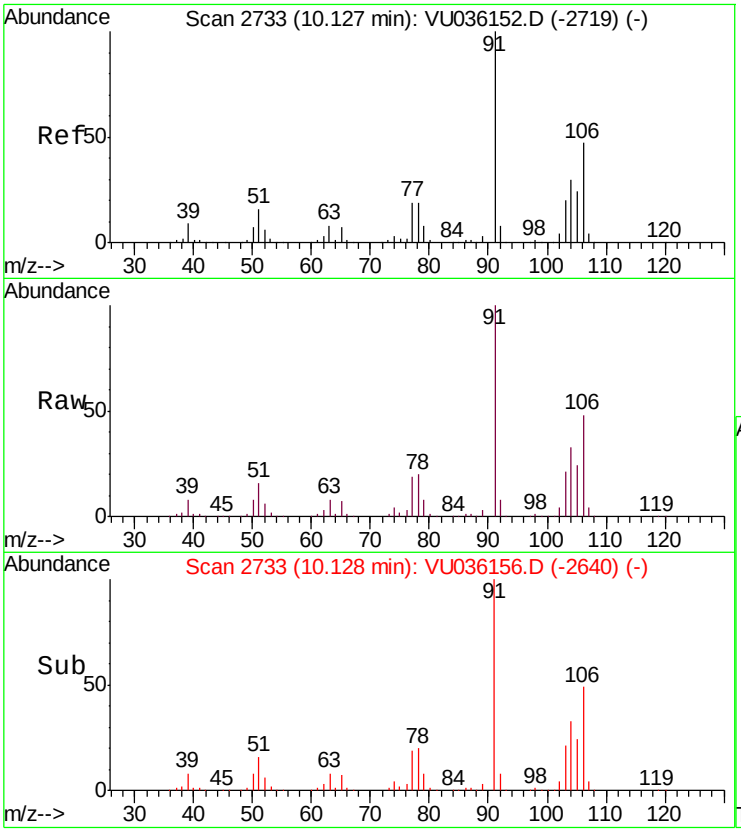


#53
m,p-Xylene
Concen: 5.285 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:106 Resp: 223354

Ion	Ratio	Lower	Upper
106	100		
91	199.1	140.4	260.8



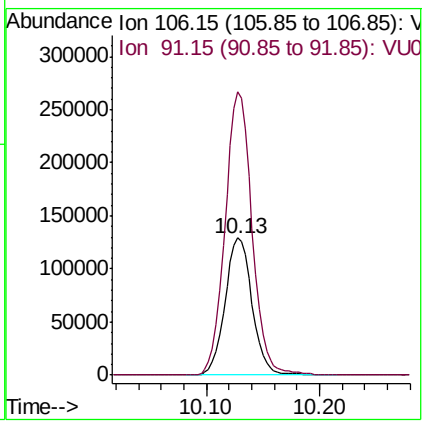


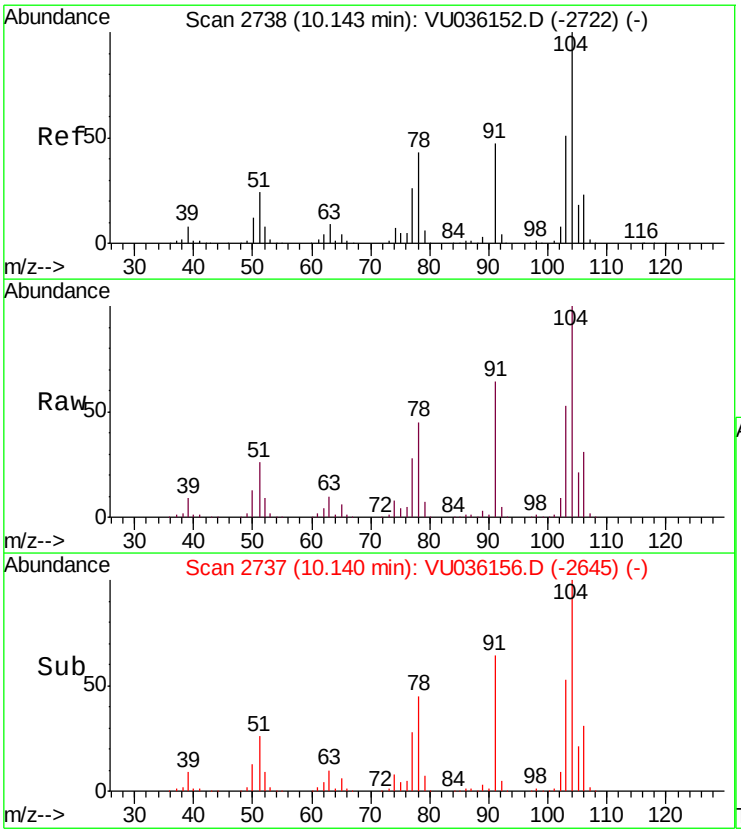
#54
o-Xylene
Concen: 5.329 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:106 Resp: 215196

Ion	Ratio	Lower	Upper
106	100		
91	206.3	148.5	275.7

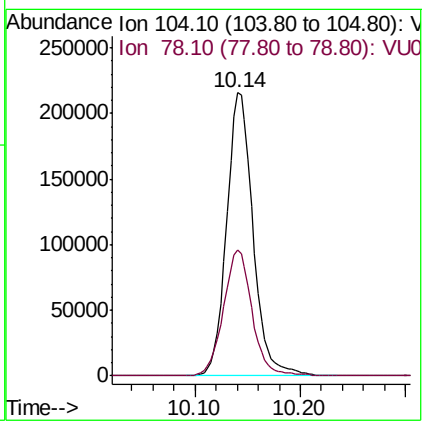


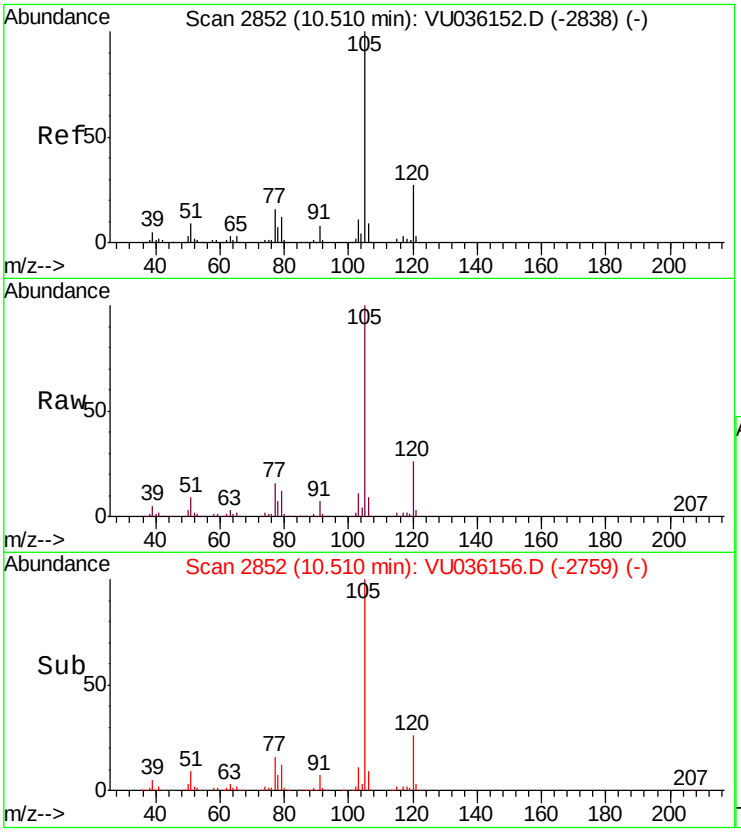


#55
Styrene
Concen: 5.223 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:104 Resp: 373727

Ion	Ratio	Lower	Upper
104	100		
78	44.6	30.0	55.8



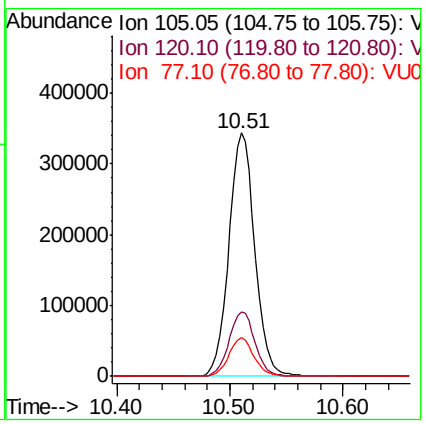


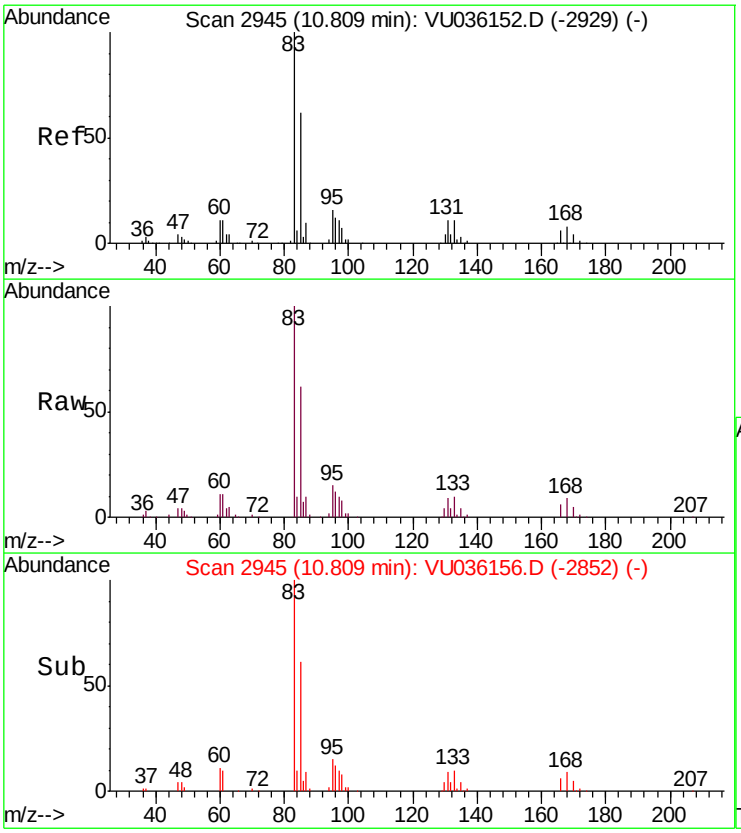
#56
Isopropylbenzene
Concen: 5.287 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:105 Resp: 545478

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8
77	15.5	12.6	18.8

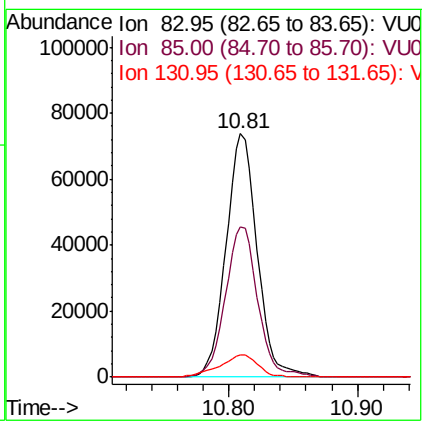


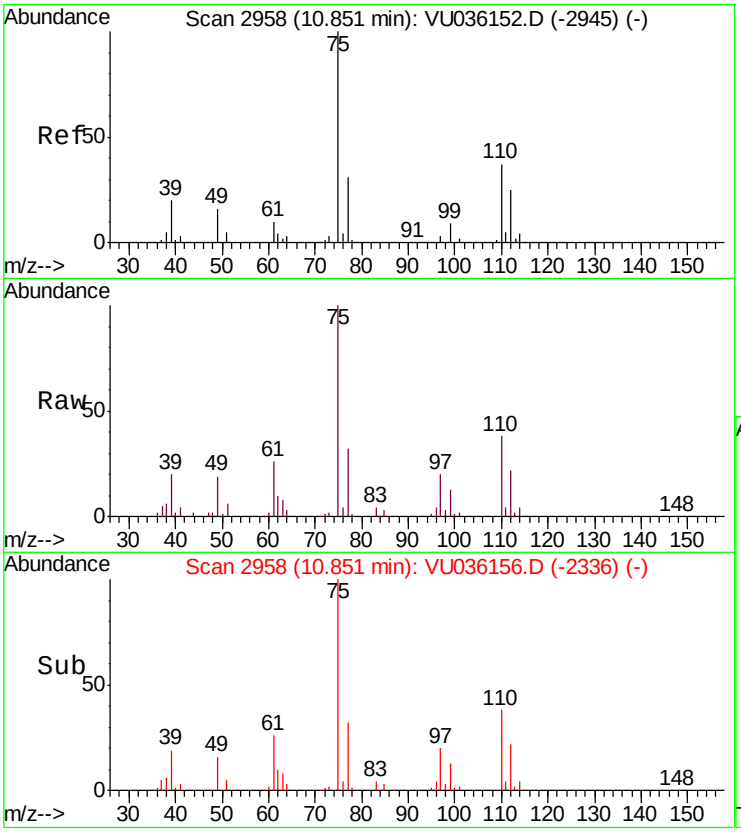


#58
1,1,2,2-Tetrachloroethane
Concen: 4.947 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 83 Resp: 123600

Ion	Ratio	Lower	Upper
83	100		
85	61.8	43.2	80.2
131	9.0	8.6	12.8



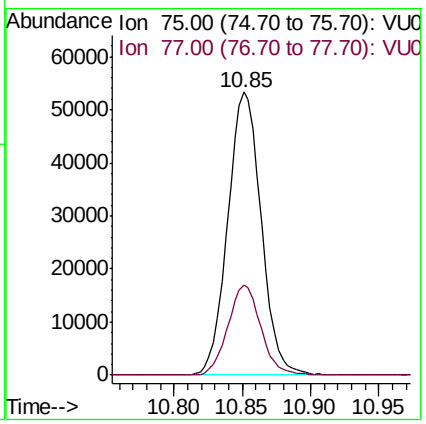


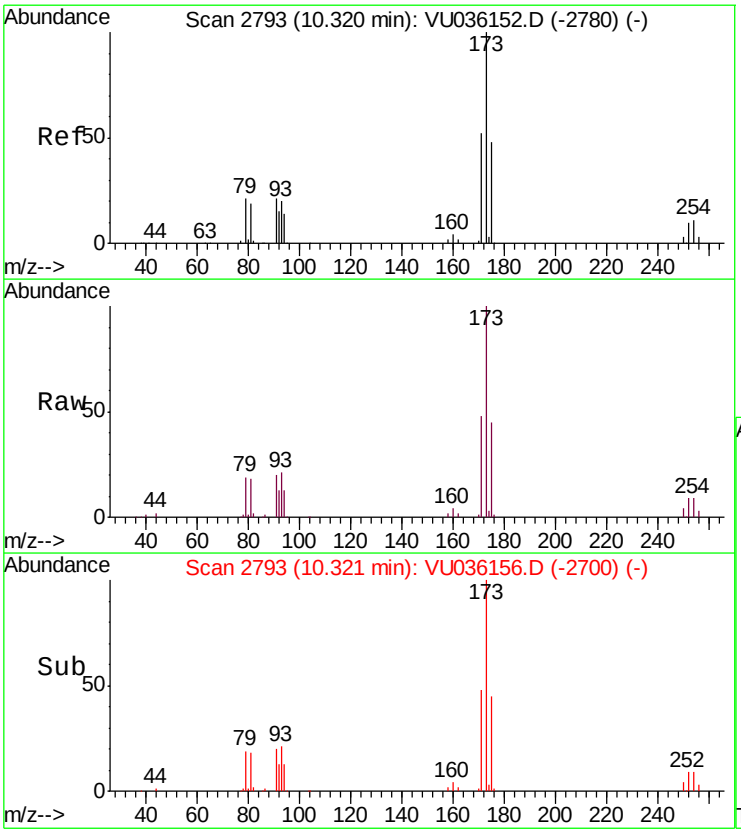
#59
1,2,3-Trichloropropane
Concen: 5.103 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion: 75 Resp: 90650

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	39.8

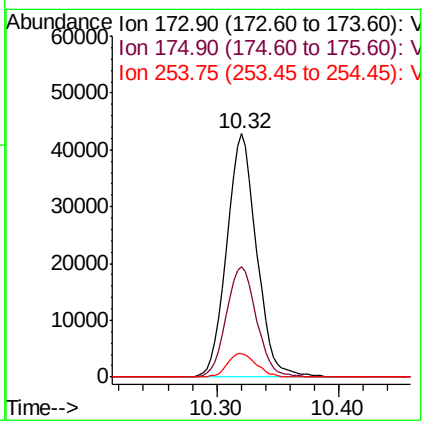


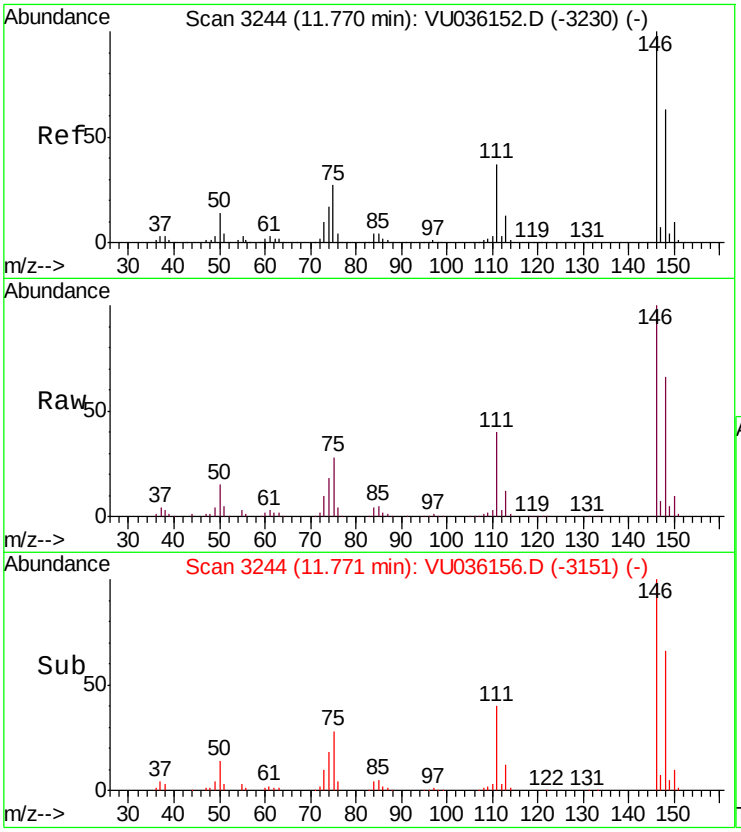


#61
Bromoform
Concen: 4.576 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:173 Resp: 73249

Ion	Ratio	Lower	Upper
173	100		
175	46.1	39.1	58.7
254	9.4	8.0	12.0



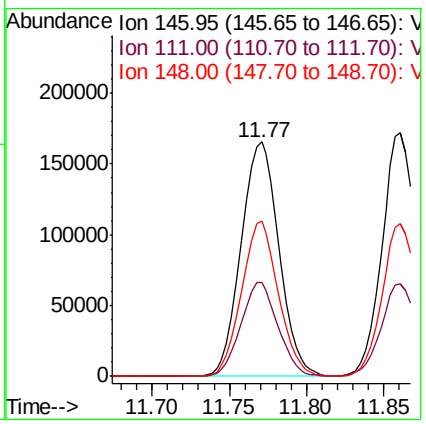


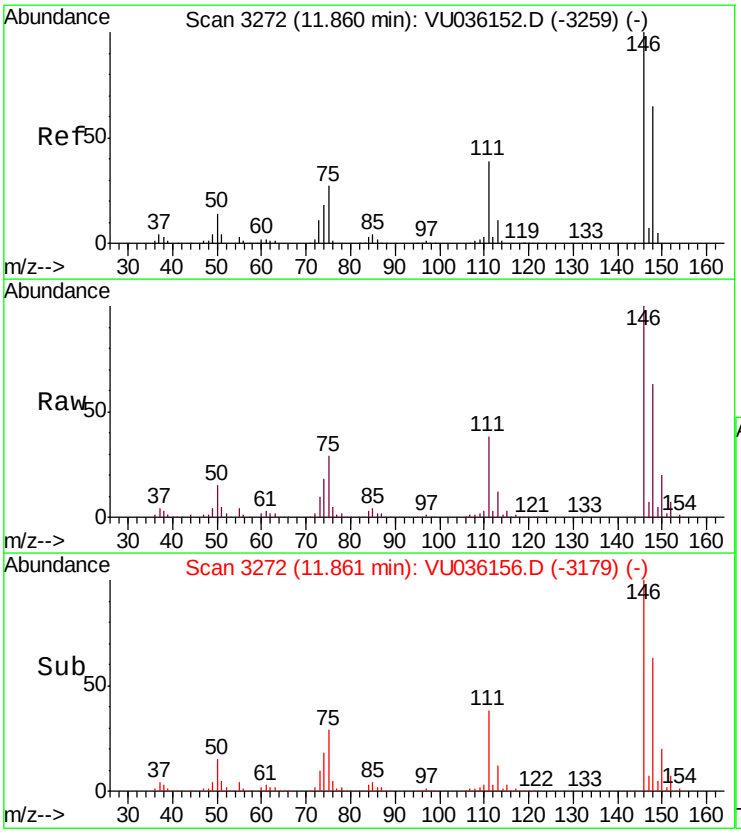
#62
1,3-Dichlorobenzene
Concen: 5.097 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:146 Resp: 282711

Ion	Ratio	Lower	Upper
146	100		
111	40.3	26.2	48.6
148	66.4	44.2	82.0

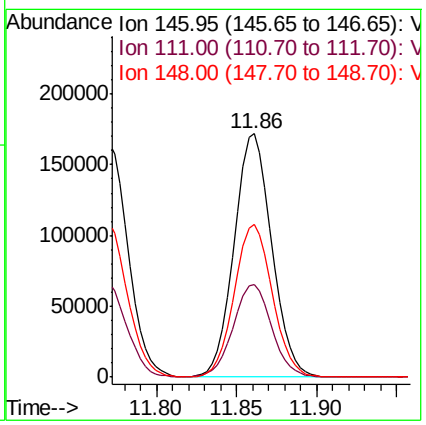


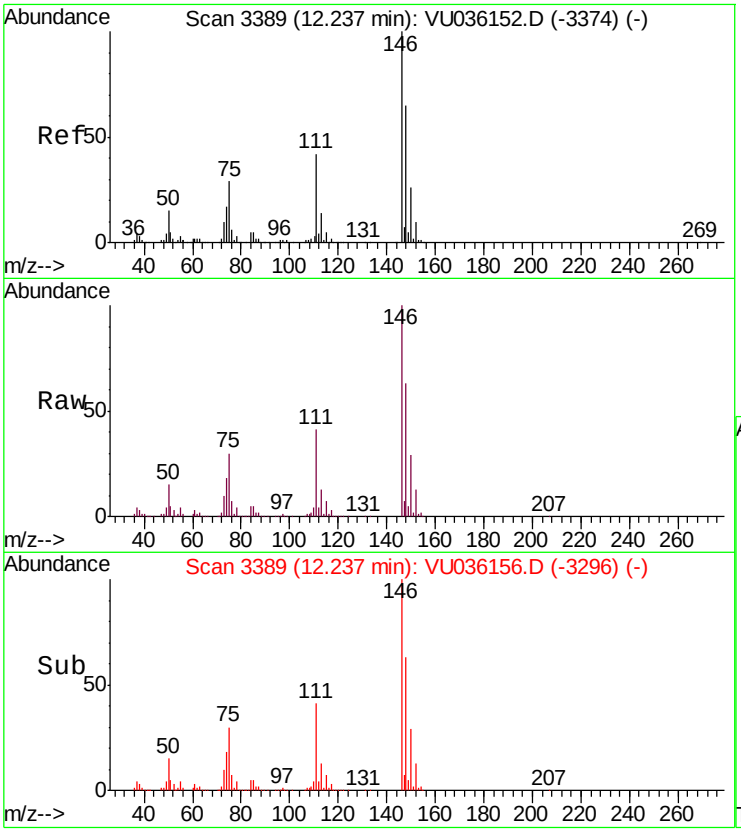


#63
1,4-Dichlorobenzene
Concen: 5.074 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:146 Resp: 275002

Ion	Ratio	Lower	Upper
146	100		
111	37.8	27.5	51.1
148	62.7	45.4	84.2



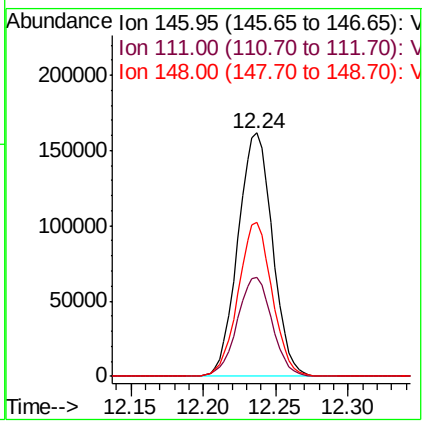


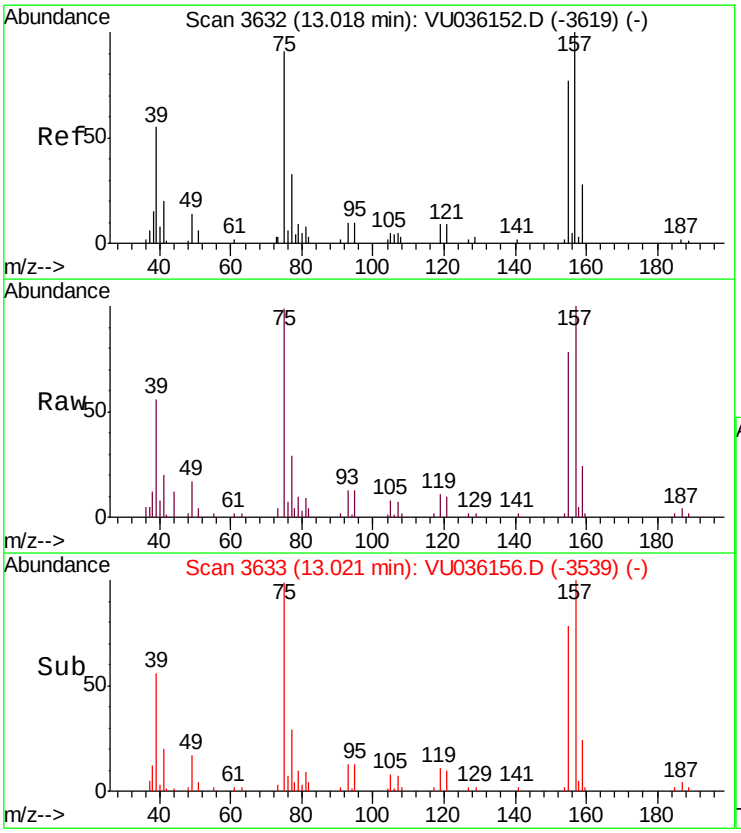
#65
1,2-Dichlorobenzene
Concen: 5.041 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Tgt Ion:146 Resp: 268075

Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.3	49.9
148	63.4	52.2	78.2

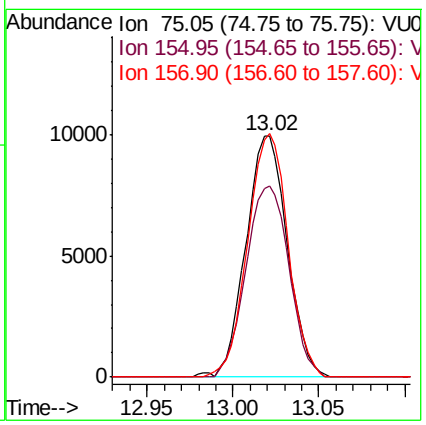


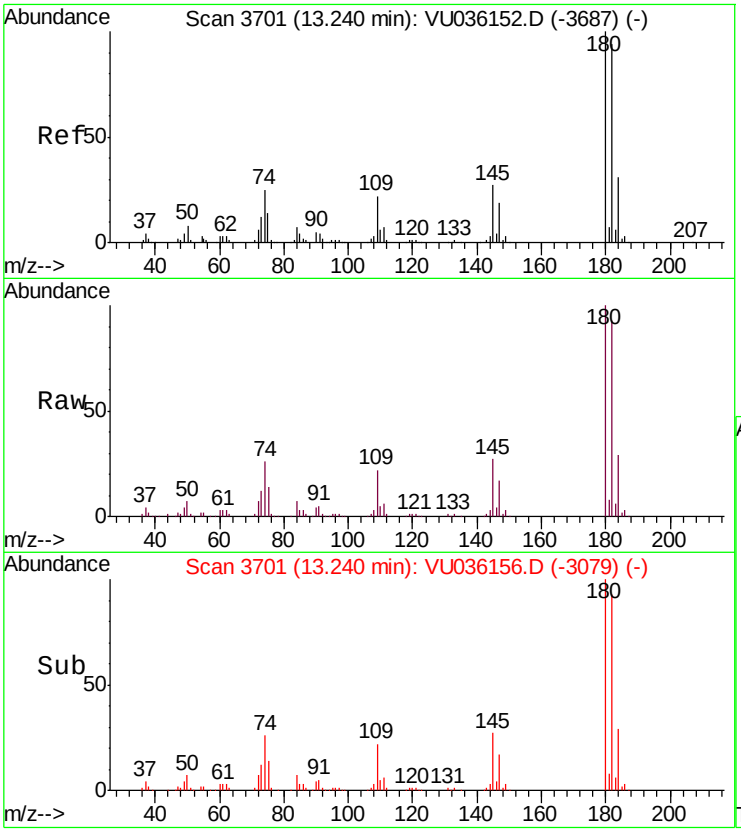


#66
1,2-Dibromo-3-chloropropane
Concen: 4.880 ug/L
RT: 13.02 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion: 75 Resp: 16571

Ion	Ratio	Lower	Upper
75	100		
155	79.0	68.2	102.2
157	101.0	88.2	132.2



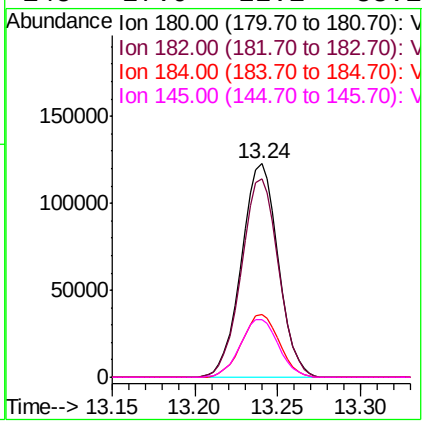


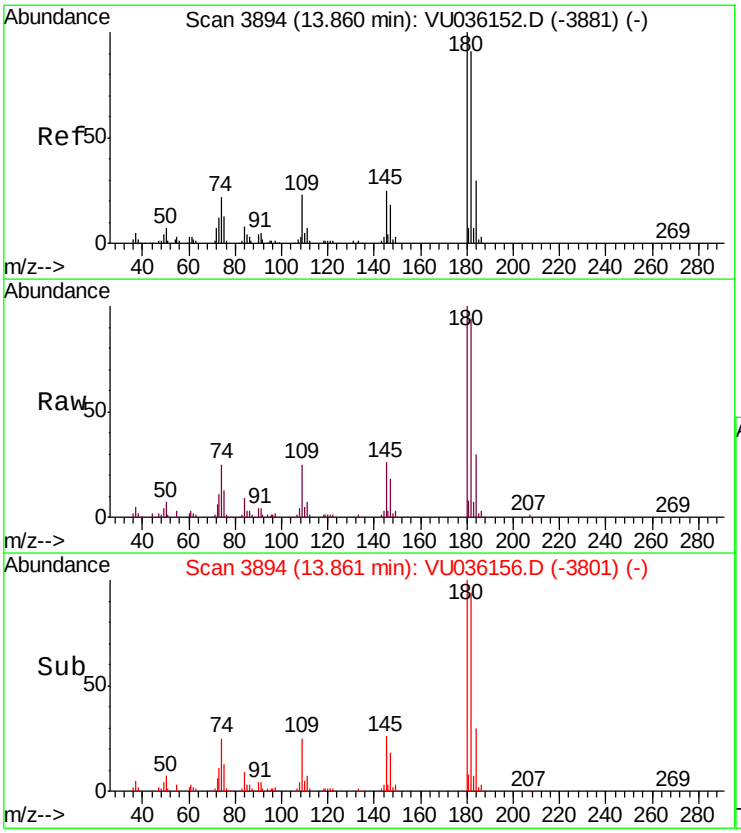
#67
1,3,5-Trichlorobenzene
Concen: 5.290 ug/L
RT: 13.24 min Scan# 3701
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:180 Resp: 190138

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.4
184	30.0	24.1	36.1
145	27.9	22.1	33.1

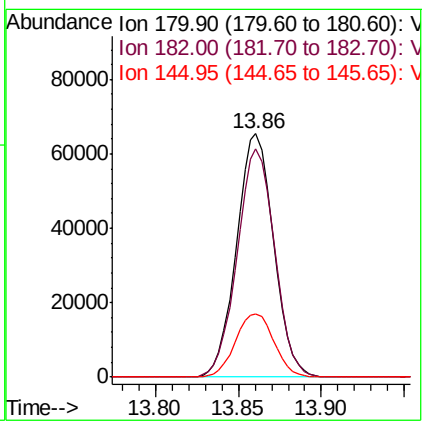


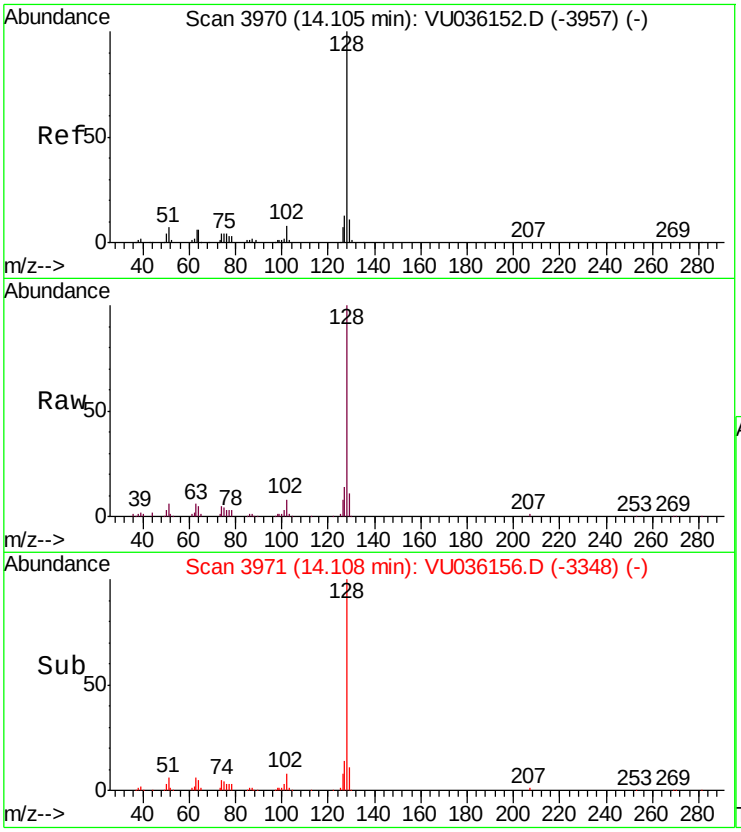


#68
1,2,4-trichlorobenzene
Concen: 5.411 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:180 Resp: 101888

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.6
145	27.1	21.8	32.6



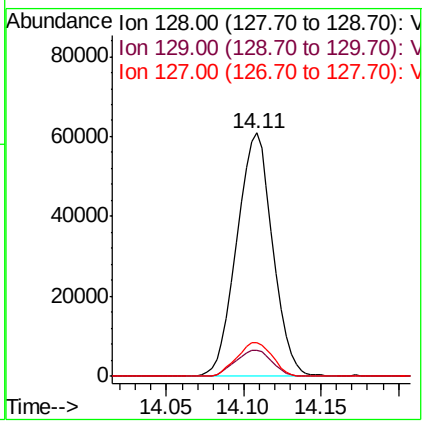


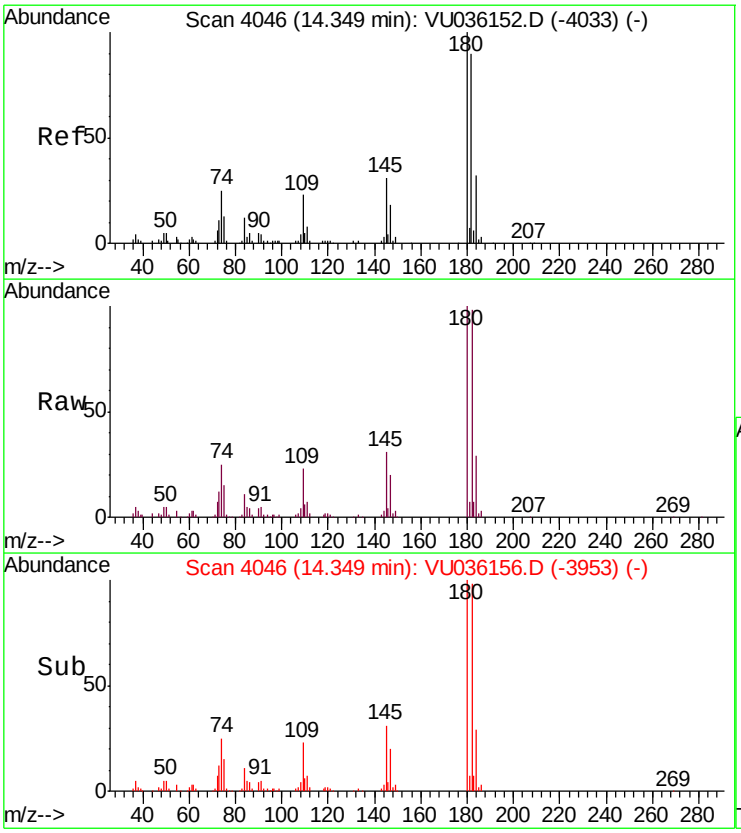
#69
Naphthalene
Concen: 5.076 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00510

Tgt Ion:128 Resp: 98363

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.7	11.3	16.9





#70
1,2,3-Trichlorobenzene
Concen: 5.721 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036156.D
Acq: 12 Dec 2019 17:33

Tgt Ion:180 Resp: 100364

Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.8	112.2
145	30.5	24.1	36.1