Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036335.D
Acq On : 23 Dec 2019 18:47
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Dec 24 00:23:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140525	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	100876	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.93	69	95733	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.60	63	149963	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.69	46	245717	60.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.66%			
24) Chloroform-d	5.11	84	179792	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.75	65	93286	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.77	84	319106	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.73	67	101440	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.93	98	298146	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.21	79	44010	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
46) 2-Hexanone-d5	8.67	63	197886	60.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.68%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	100491	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	127982	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	123212	4.472	ug/L	98
3) Chloromethane	1.54	50	139757	4.042	ug/L	99
5) Vinyl chloride	1.62	62	143267	4.367	ug/L	100
6) Bromomethane	1.88	94	79654	4.859	ug/L	95
8) Chloroethane	1.95	64	83622	4.269	ug/L	99
9) Trichlorofluoromethane	2.16	101	192738	4.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	92424	4.666	ug/L	98
12) 1,1-Dichloroethene	2.61	96	84466	4.612	ug/L	92
13) Acetone	2.68	43	165376	46.592	ug/L	99
14) Carbon disulfide	2.82	76	257927	4.197	ug/L	100
15) Methyl Acetate	3.00	43	37247	5.194	ug/L	98
16) Methylene chloride	3.08	84	99087	3.680	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	195456	4.980	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	87796	4.577	ug/L	98
19) 1,1-Dichloroethane	3.92	63	170759	4.822	ug/L	99
21) 2-Butanone	4.77	43	246534	51.978	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	97786	4.753	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

Quantitation Report (Not Reviewed)

Data File : VU036335.D
Acq On : 23 Dec 2019 18:47
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Dec 24 00:23:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	48747	4.897	ug/L		96
25) Chloroform	5.14	83	183981	4.803	ug/L		100
27) 1,2-Dichloroethane	5.84	62	114844	5.055	ug/L		98
29) 1,1,1-Trichloroethane	5.36	97	155132	4.828	ug/L		99
30) Cyclohexane	5.43	56	123586	4.520	ug/L		98
31) Carbon tetrachloride	5.57	117	139915	4.775	ug/L		100
33) Benzene	5.82	78	387194	4.827	ug/L		100
34) Trichloroethene	6.58	95	99772	4.824	ug/L		98
35) Methylcyclohexane	6.80	83	134650	4.579	ug/L		96
37) 1,2-Dichloropropane	6.83	63	100536	4.912	ug/L		98
38) Bromodichloromethane	7.14	83	128594	4.828	ug/L		98
39) cis-1,3-Dichloropropene	7.64	75	127169	4.561	ug/L		95
40) 4-Methyl-2-pentanone	7.83	43	579362	54.121	ug/L		99
42) Toluene	8.00	91	420891	4.895	ug/L		97
44) trans-1,3-Dichloropropene	8.24	75	119844	5.117	ug/L		98
45) 1,1,2-Trichloroethane	8.43	97	76078	4.961	ug/L		94
47) Tetrachloroethene	8.58	164	83862	4.490	ug/L		96
48) 2-Hexanone	8.73	43	451482	56.513	ug/L		100
49) Dibromochloromethane	8.84	129	95494	5.038	ug/L		94
50) 1,2-Dibromoethane	8.96	107	71648	4.899	ug/L	#	97
51) Chlorobenzene	9.47	112	263890	4.647	ug/L		99
52) Ethylbenzene	9.60	91	408666	4.732	ug/L		98
53) m,p-Xylene	9.72	106	163245	4.906	ug/L		98
54) o-Xylene	10.13	106	159202	4.961	ug/L		93
55) Styrene	10.14	104	283563	4.993	ug/L		96
56) Isopropylbenzene	10.51	105	408808	4.960	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.81	83	95626	4.898	ug/L		95
59) 1,2,3-Trichloropropane	10.85	75	69294	5.094	ug/L		98
61) Bromoform	10.32	173	60759	4.981	ug/L		97
62) 1,3-Dichlorobenzene	11.77	146	226781	4.783	ug/L		99
63) 1,4-Dichlorobenzene	11.86	146	226368	4.814	ug/L		98
65) 1,2-Dichlorobenzene	12.23	146	217704	4.820	ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15602	5.200	ug/L		96
67) 1,3,5-Trichlorobenzene	13.24	180	170182	4.790	ug/L		98
68) 1,2,4-trichlorobenzene	13.86	180	116608	4.997	ug/L		97
69) Naphthalene	14.10	128	149826	5.046	ug/L		100
70) 1,2,3-Trichlorobenzene	14.35	180	116638	5.168	ug/L		99

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

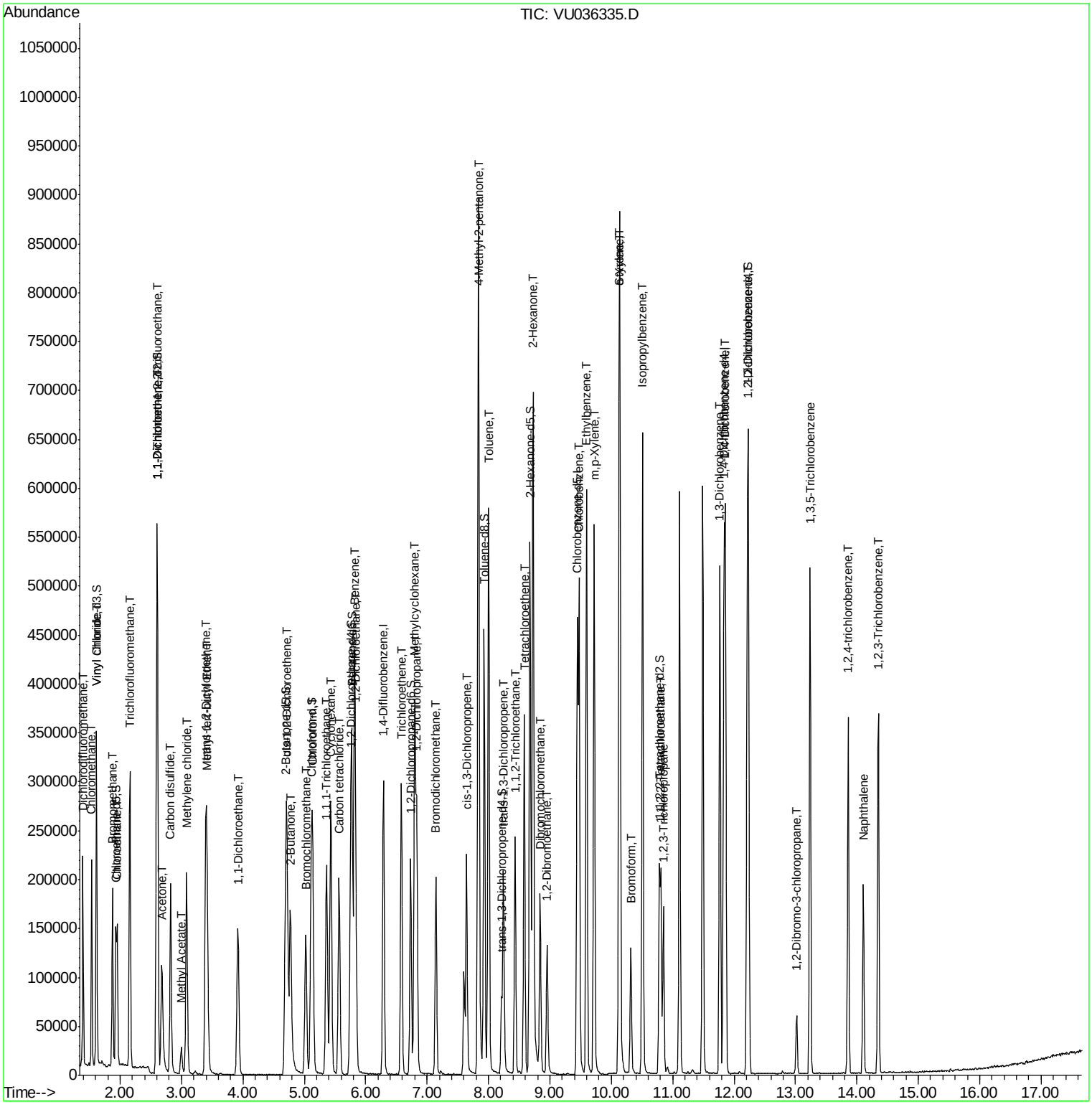
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122319\

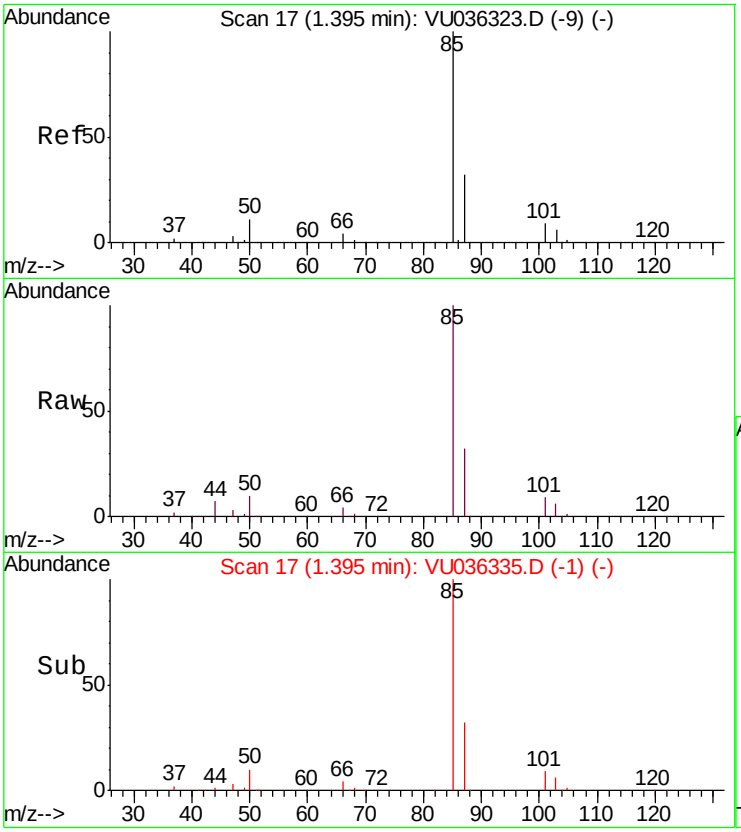
Quantitation Report (Not Reviewed)

Data File : VU036335.D
Acq On : 23 Dec 2019 18:47
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Dec 24 00:23:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration



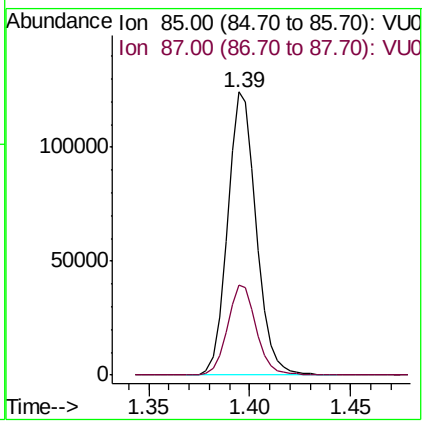


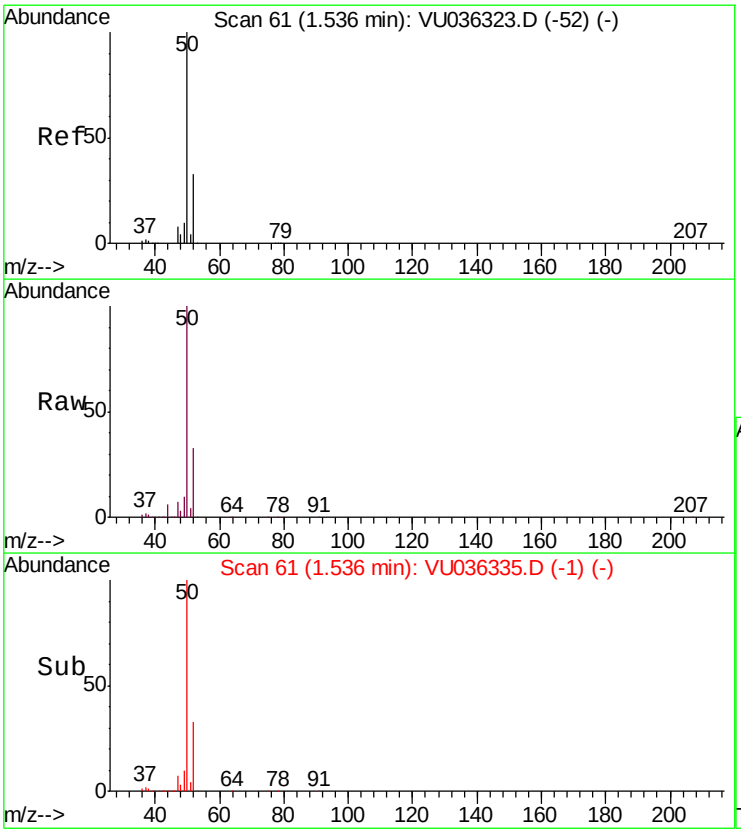
#2
Dichlorodifluoromethane
Concen: 4.472 ug/L
RT: 1.39 min Scan# 17
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 85 Resp: 123212

Ion	Ratio	Lower	Upper
85	100		
87	31.9	26.5	39.7

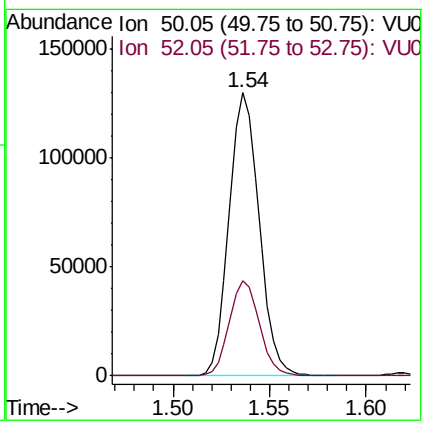


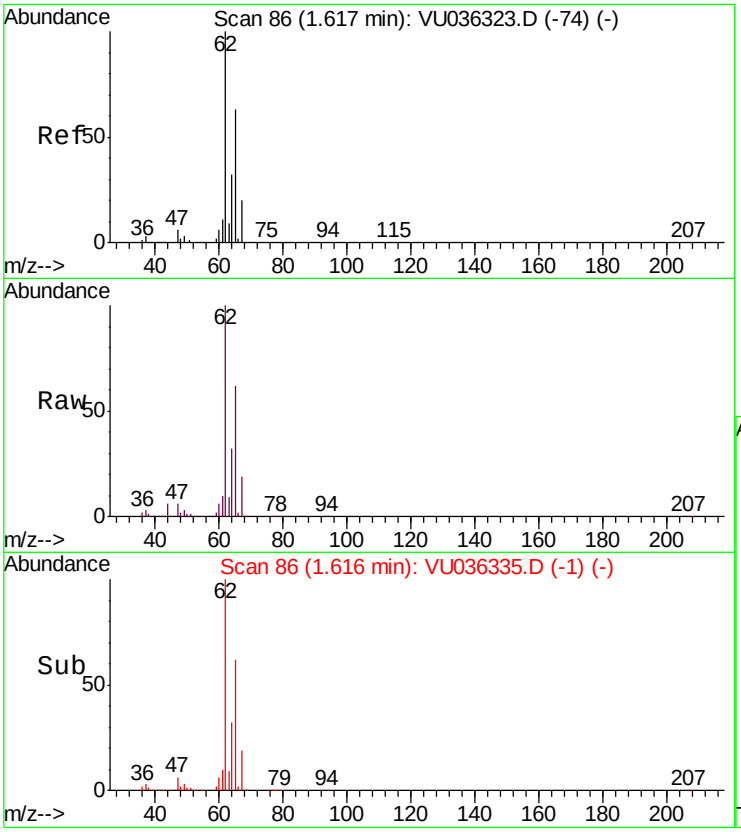


#3
Chloromethane
Concen: 4.042 ug/L
RT: 1.54 min Scan# 61
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 50 Resp: 139757

Ion	Ratio	Lower	Upper
50	100		
52	33.5	23.1	42.9



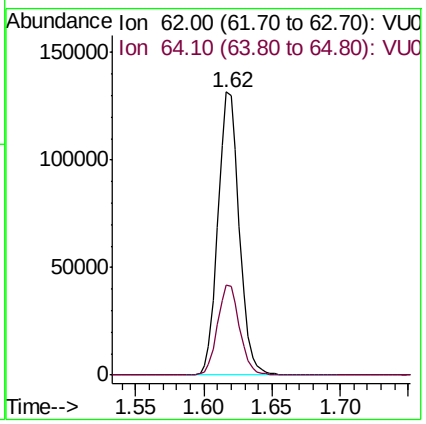


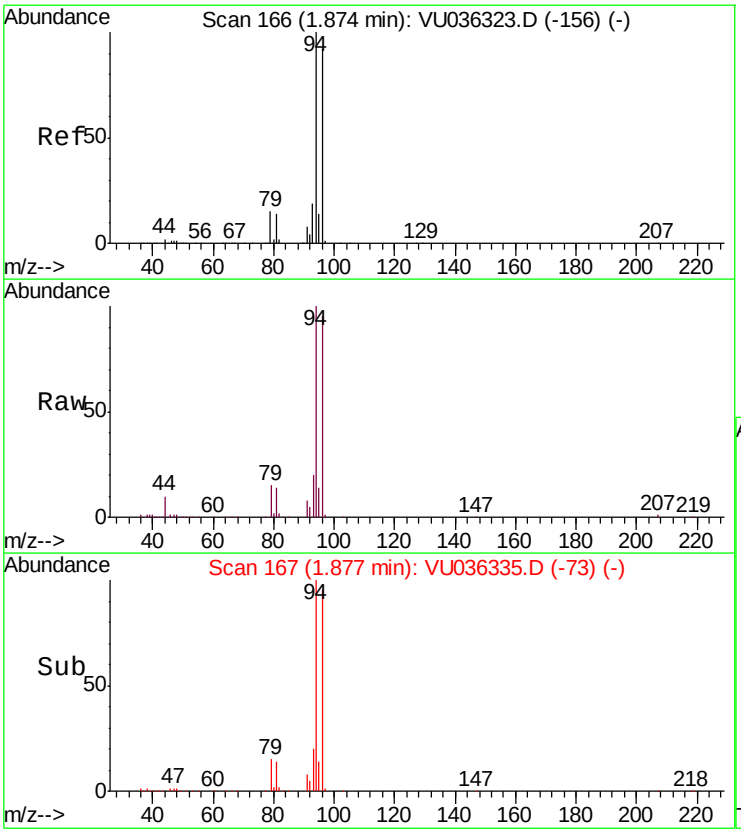
#5
Vinyl chloride
Concen: 4.367 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 62 Resp: 143267

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.4	41.6

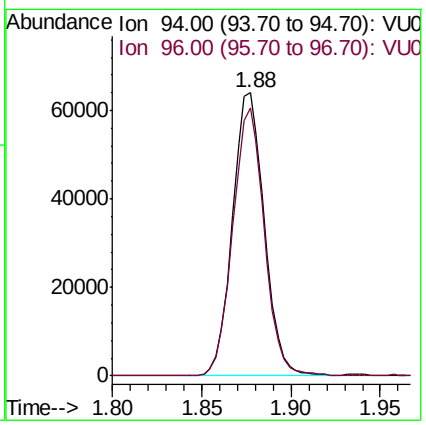


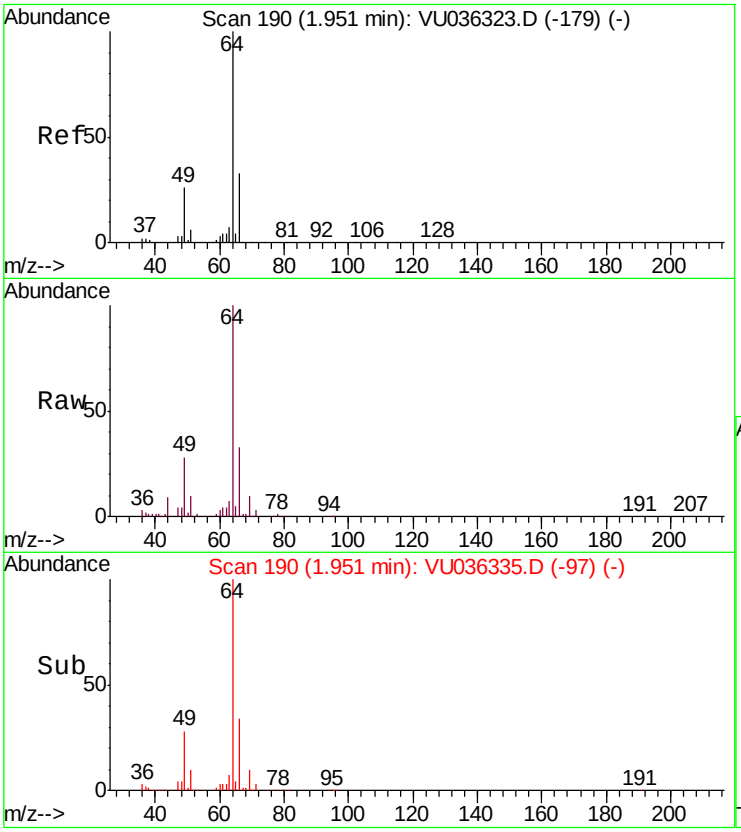


#6
Bromomethane
Concen: 4.859 ug/L
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 94 Resp: 79654

Ion	Ratio	Lower	Upper
94	100		
96	94.5	62.9	116.9



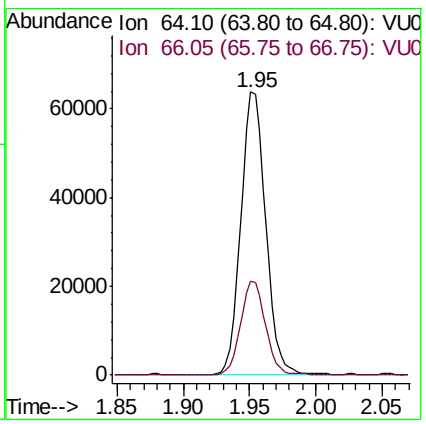


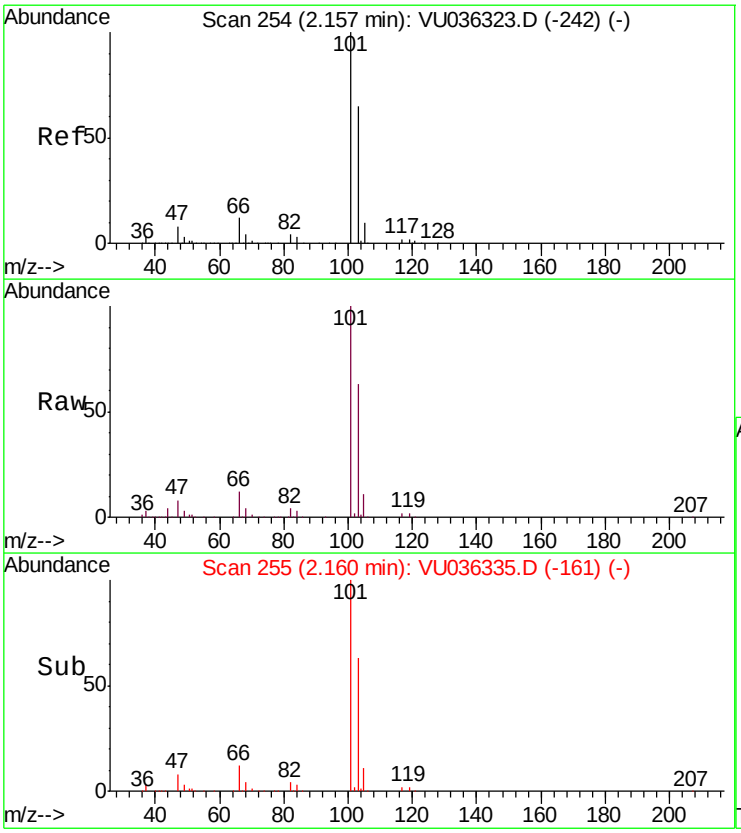
#8
Chloroethane
Concen: 4.269 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 64 Resp: 83622

Ion	Ratio	Lower	Upper
64	100		
66	33.3	23.1	42.9

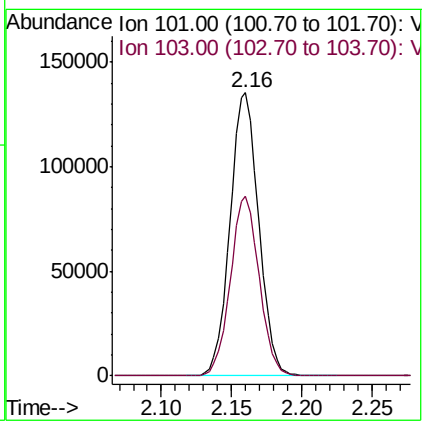


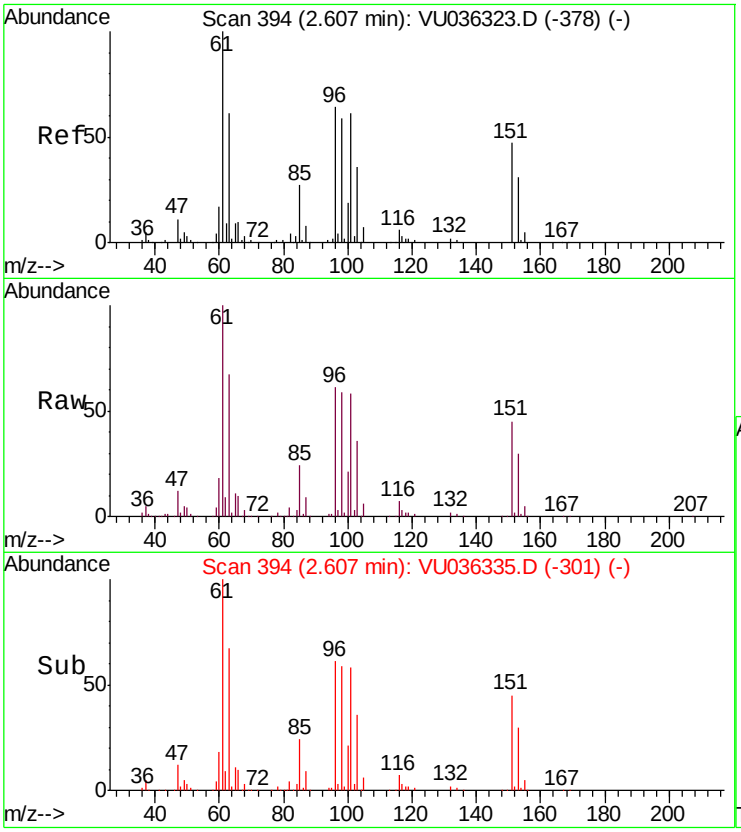


#9
Trichlorofluoromethane
Concen: 4.662 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:101 Resp: 192738

Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.4	75.6



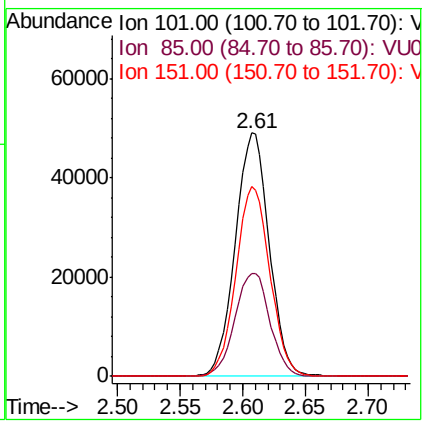


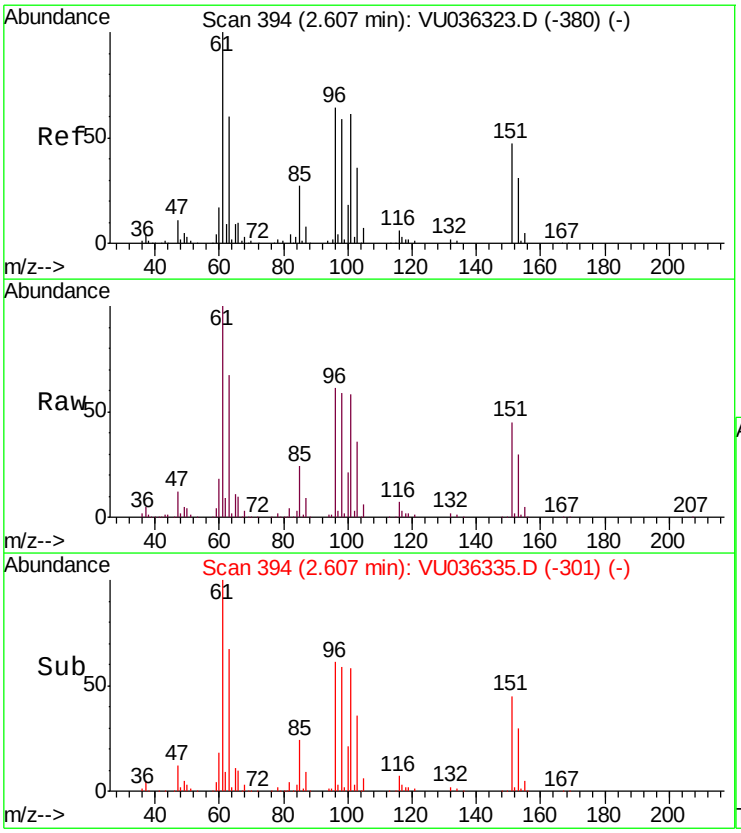
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.666 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:101 Resp: 92424

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.0	52.6
151	77.9	63.9	95.9

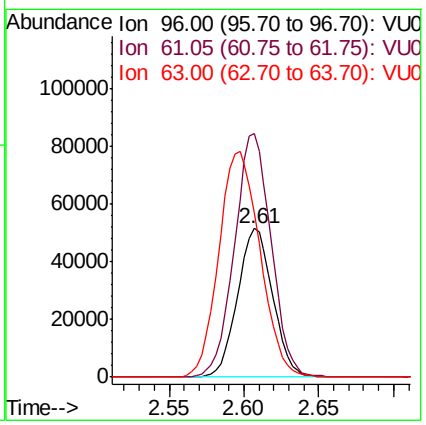


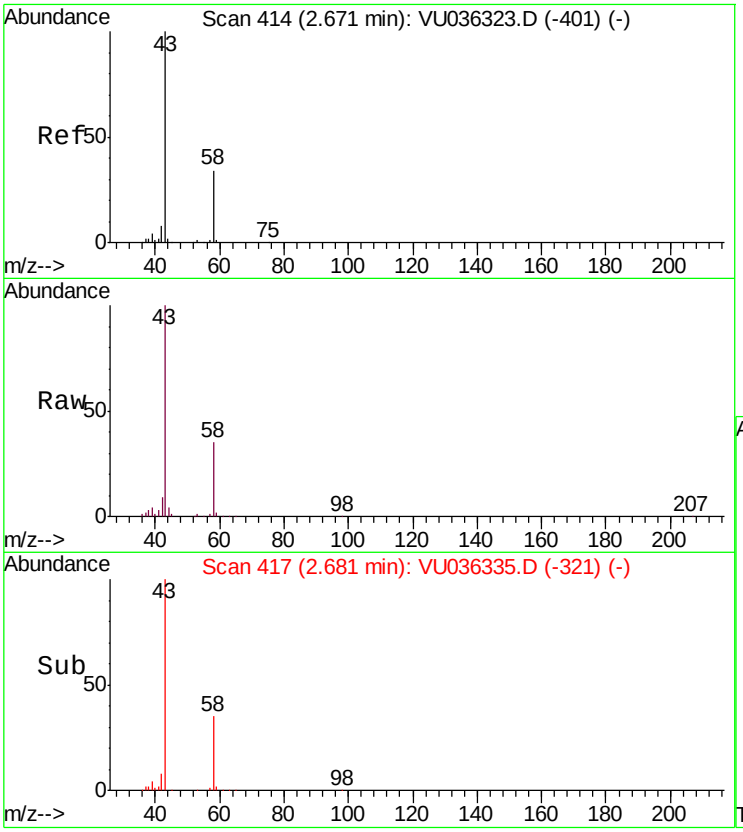


#12
1,1-Dichloroethene
Concen: 4.612 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 96 Resp: 84466

Ion	Ratio	Lower	Upper
96	100		
61	164.0	114.0	211.8
63	110.7	63.6	118.0



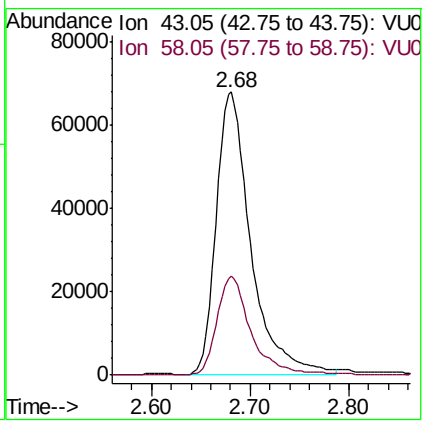


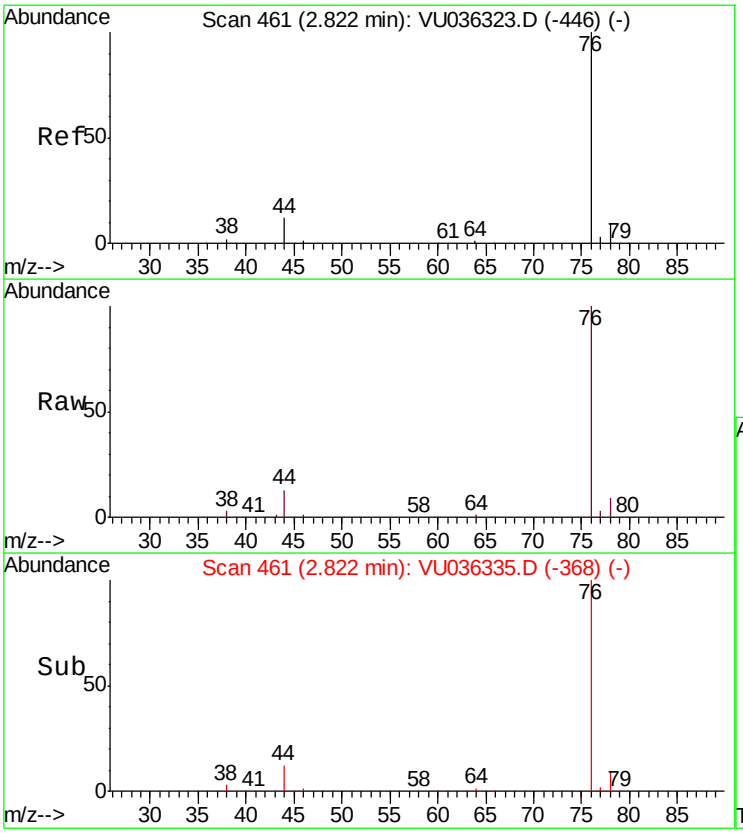
#13
Acetone
Concen: 46.592 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 43 Resp: 165376

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	67.6

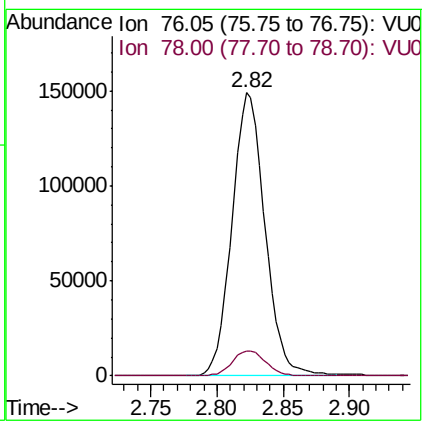


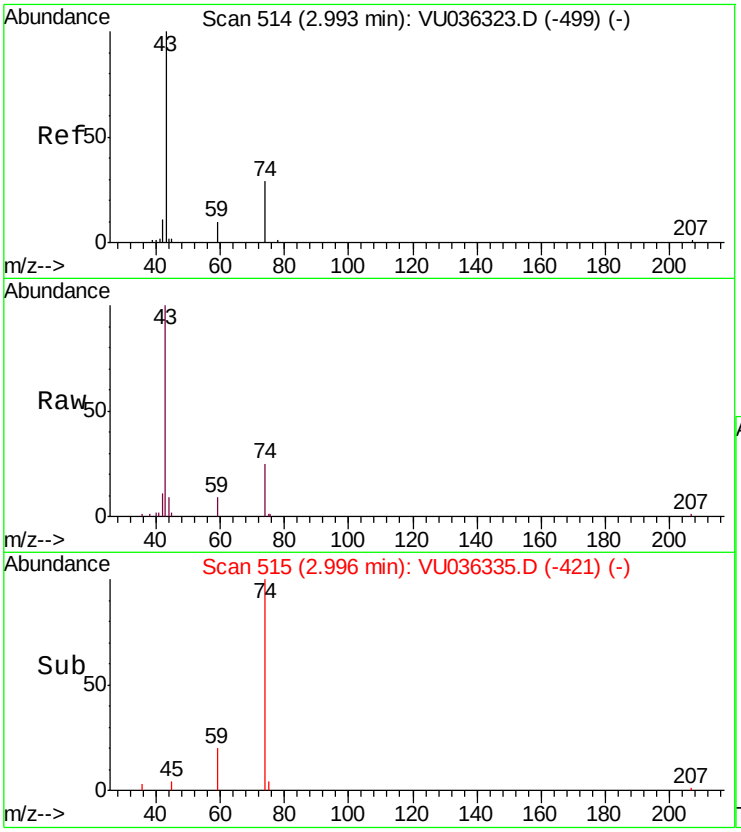


#14
Carbon disulfide
Concen: 4.197 ug/L
RT: 2.82 min Scan# 461
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 76 Resp: 257927

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



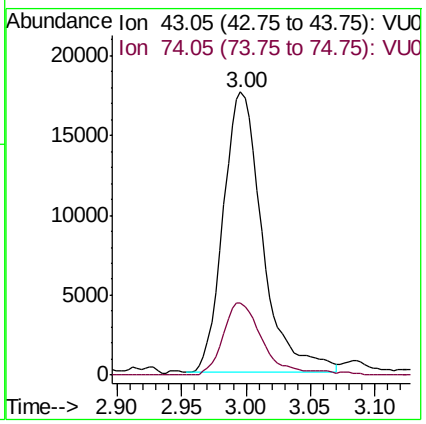


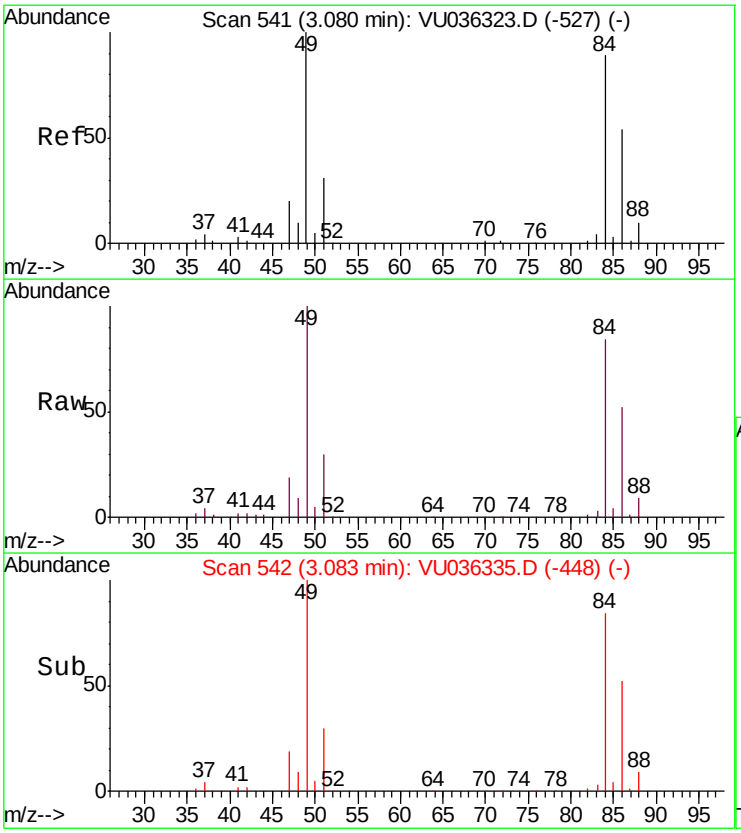
#15
Methyl Acetate
Concen: 5.194 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 43 Resp: 37247

Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.8	31.2

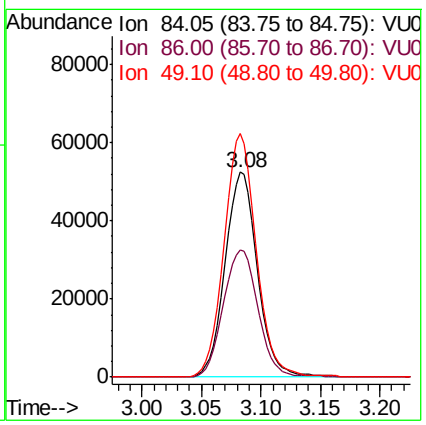


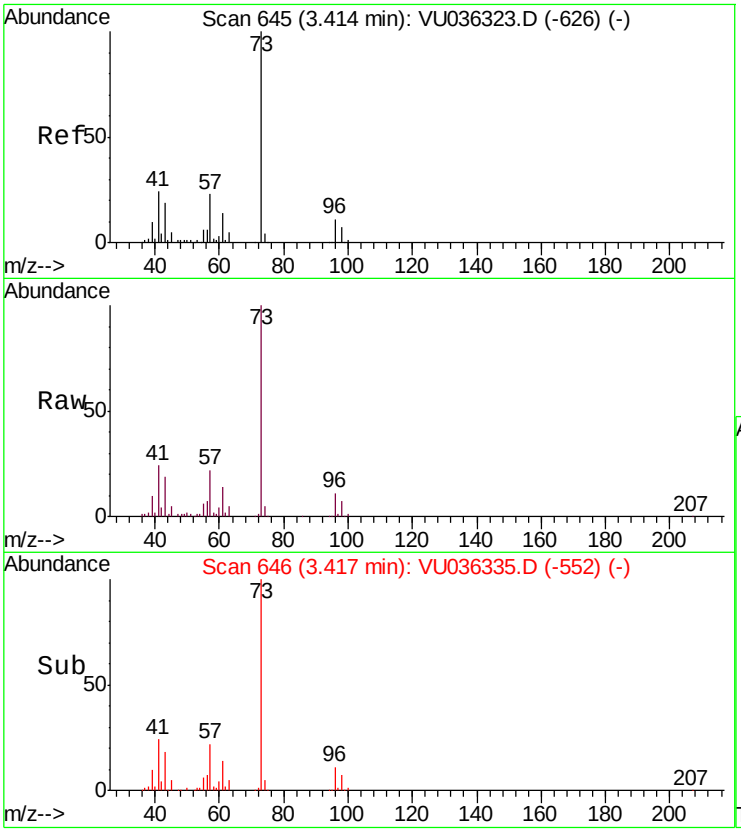


#16
Methylene chloride
Concen: 3.680 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 84 Resp: 99087

Ion	Ratio	Lower	Upper
84	100		
86	62.4	43.0	79.8
49	118.9	77.3	143.5



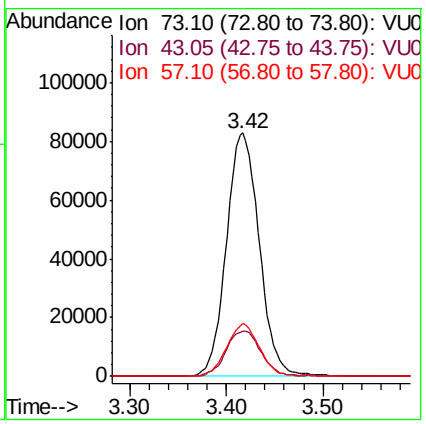


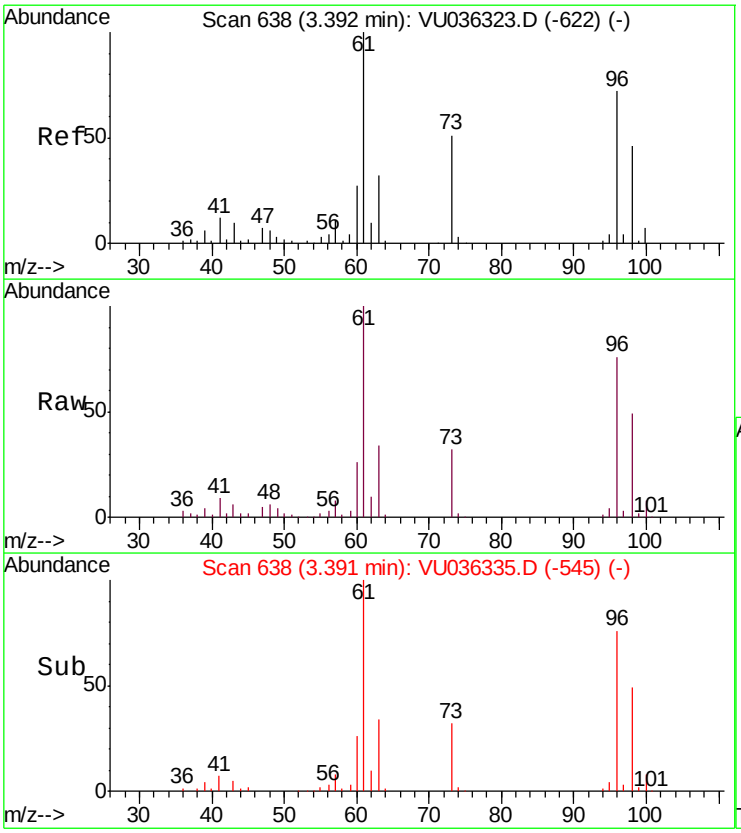
#17
Methyl tert-butyl Ether
Concen: 4.980 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 73 Resp: 195456

Ion	Ratio	Lower	Upper
73	100		
43	20.1	15.3	22.9
57	21.6	18.2	27.2

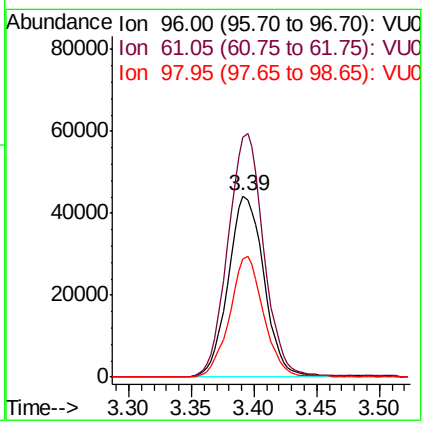


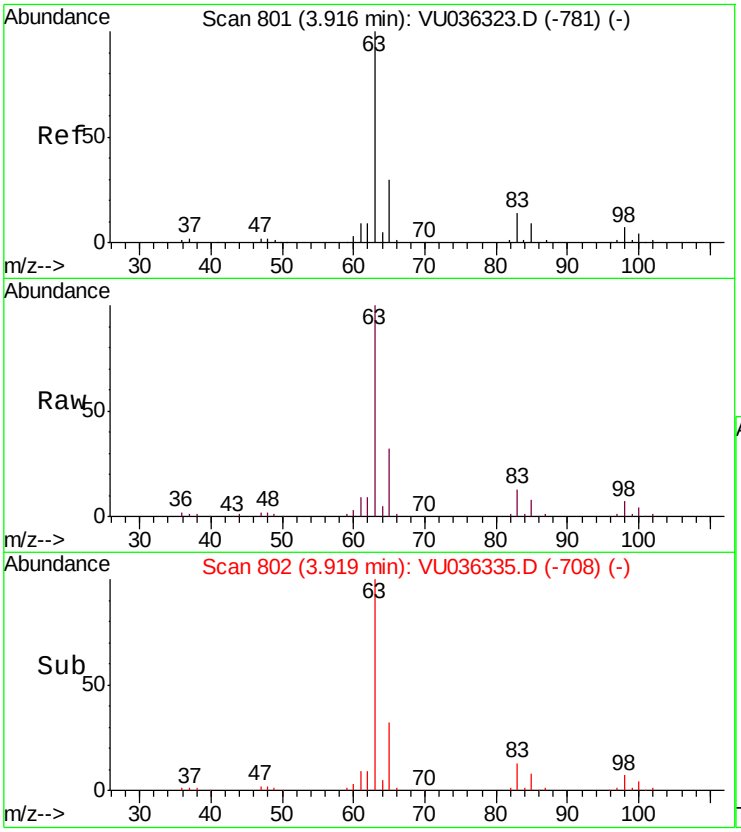


#18
trans-1,2-Dichloroethene
Concen: 4.577 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 96 Resp: 87796

Ion	Ratio	Lower	Upper
96	100		
61	132.4	94.8	176.2
98	65.4	46.8	86.8



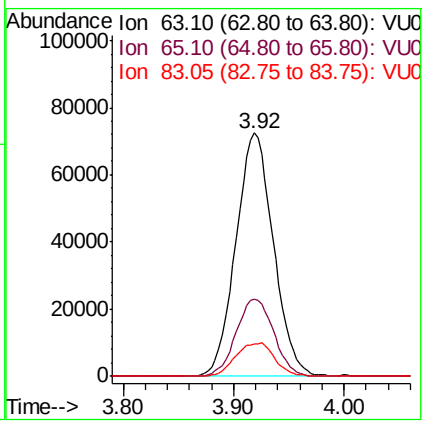


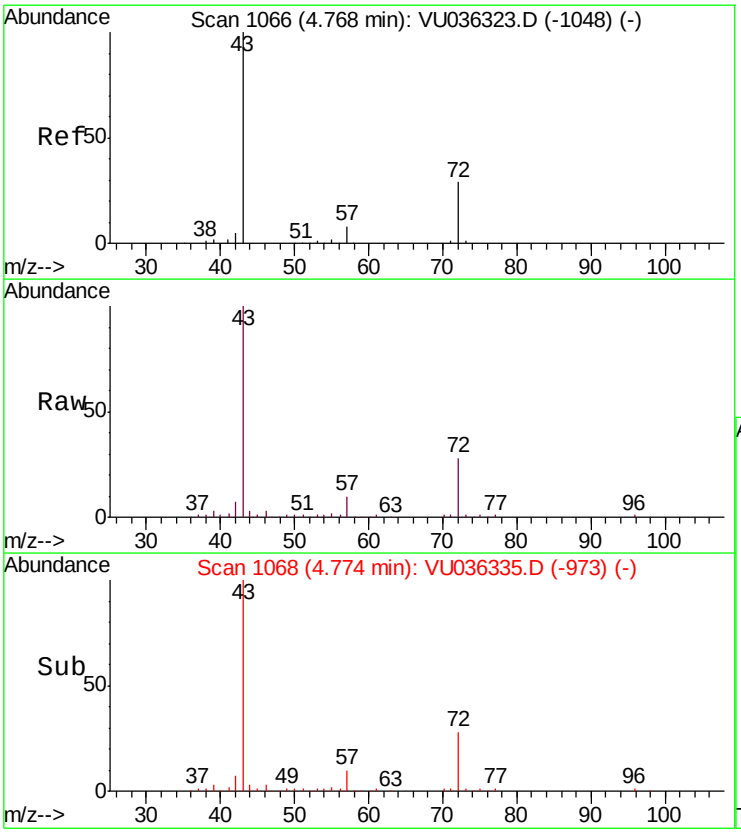
#19
1,1-Dichloroethane
Concen: 4.822 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 63 Resp: 170759

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.6	42.0
83	13.1	9.7	18.1

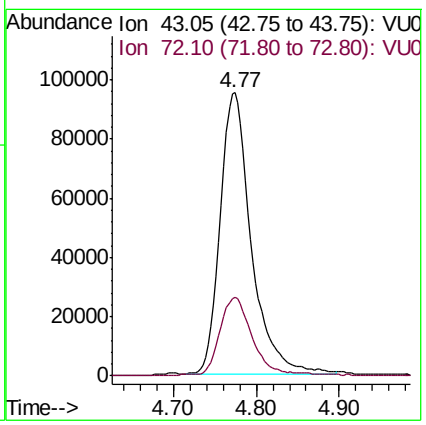


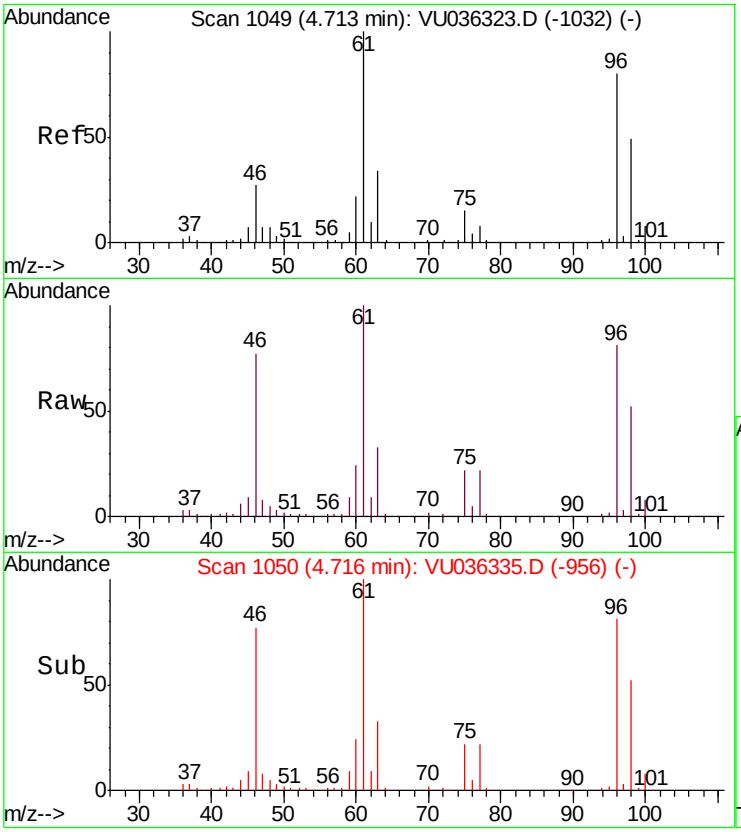


#21
2-Butanone
Concen: 51.978 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 43 Resp: 246534

Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.4	43.4



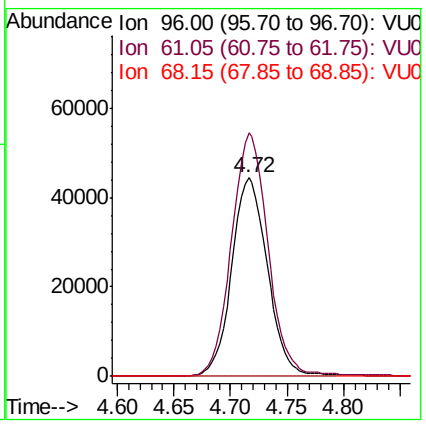


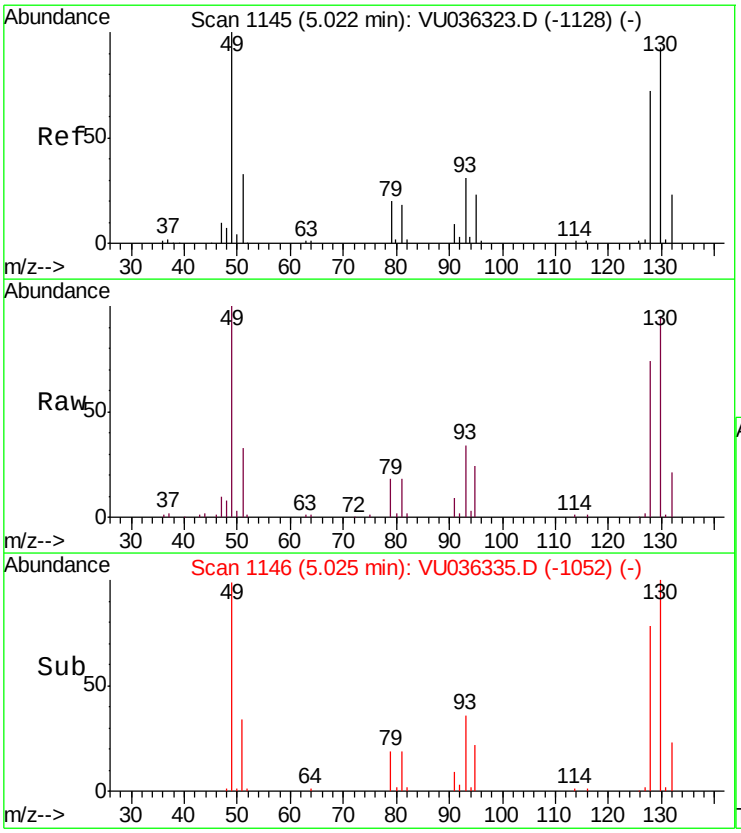
#22
cis-1,2-Dichloroethene
Concen: 4.753 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 96 Resp: 97786

Ion	Ratio	Lower	Upper
96	100		
61	122.7	86.7	161.1
68	0.0	0.0	0.0

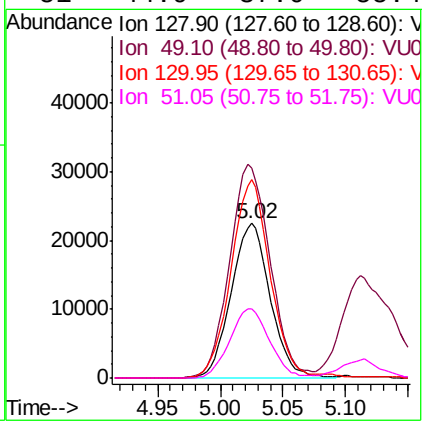


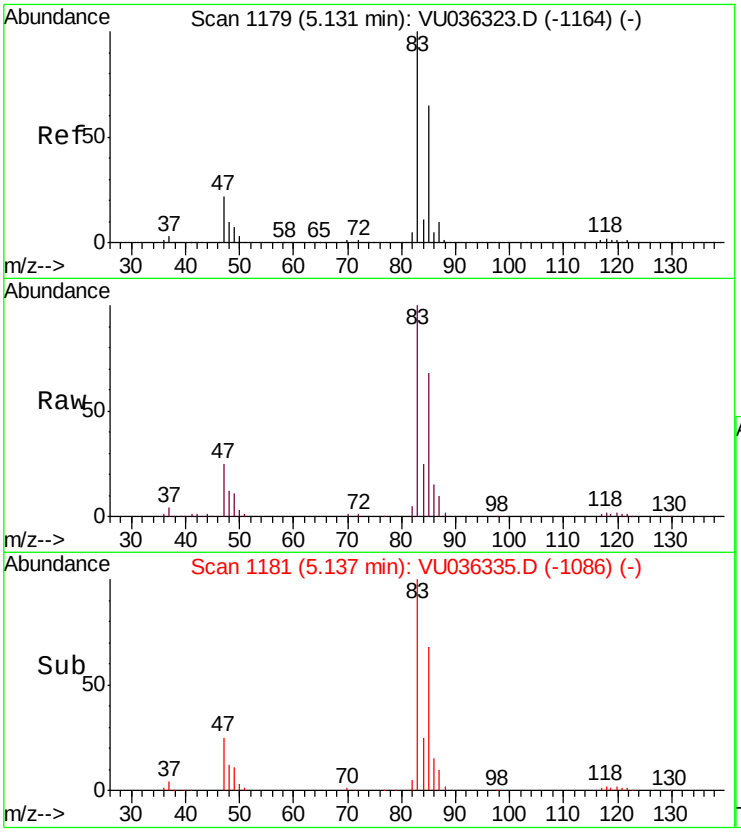


#23
Bromochloromethane
Concen: 4.897 ug/L
RT: 5.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:128 Resp: 48747

Ion	Ratio	Lower	Upper
128	100		
49	135.7	97.6	181.4
130	128.5	85.9	159.5
51	44.9	37.0	55.4



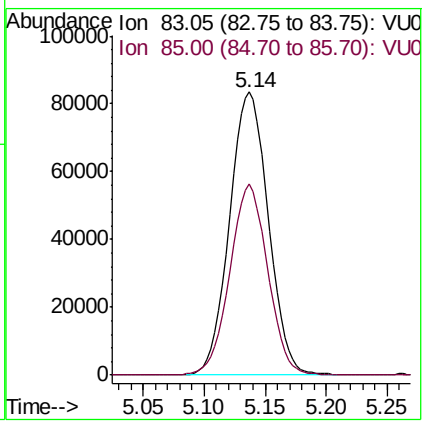


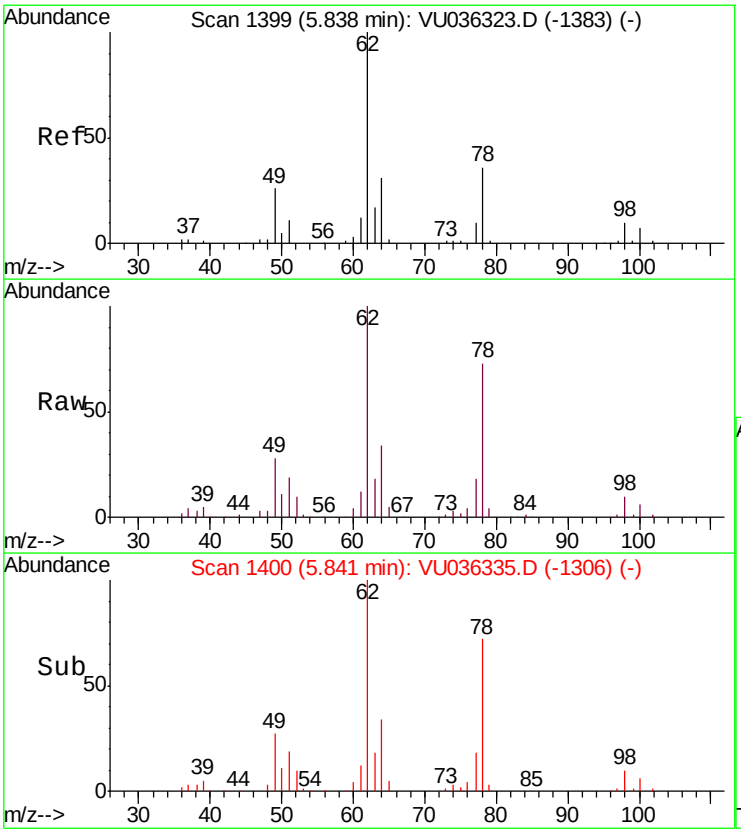
#25
Chloroform
Concen: 4.803 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 83 Resp: 183981

Ion	Ratio	Lower	Upper
83	100		
85	67.5	47.5	88.1

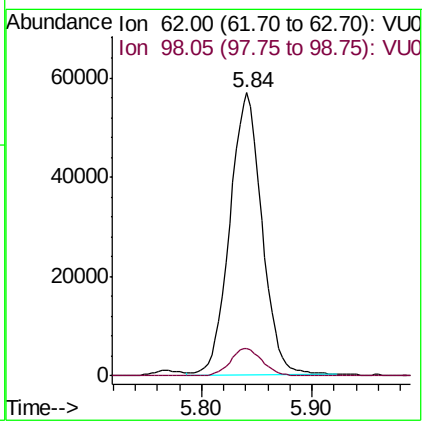


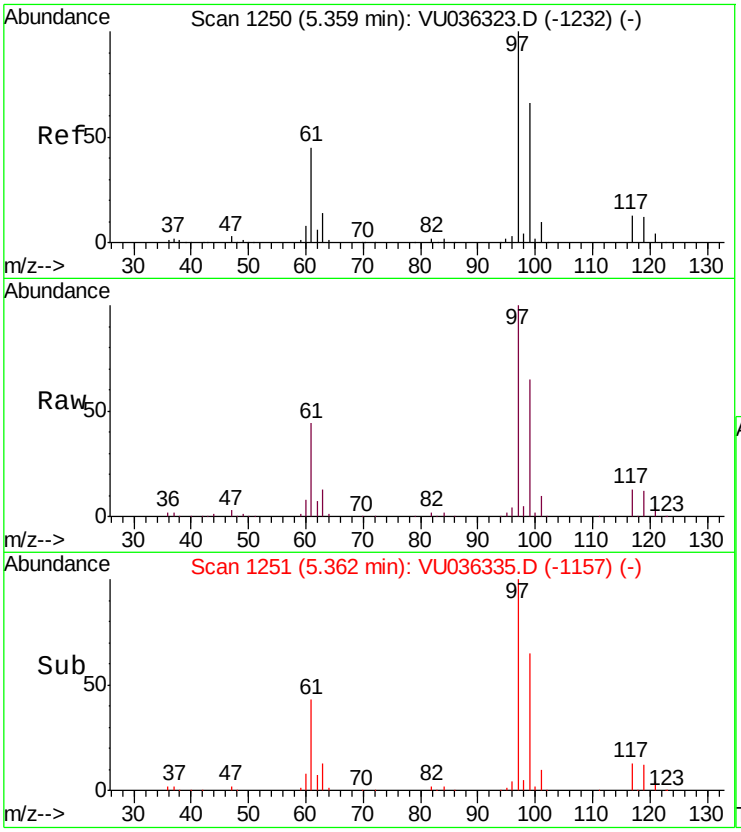


#27
1,2-Dichloroethane
Concen: 5.055 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 62 Resp: 114844

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.3	10.9



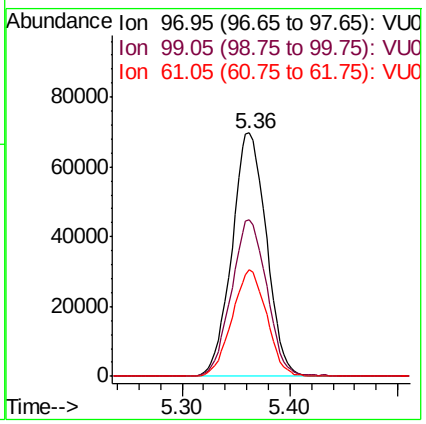


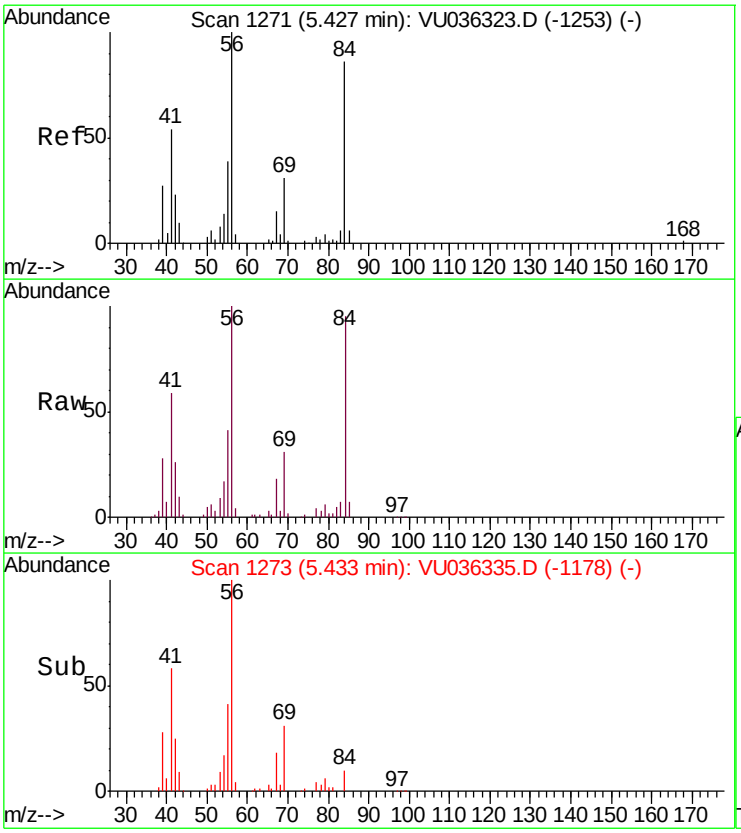
#29
1,1,1-Trichloroethane
Concen: 4.828 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 97 Resp: 155132

Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.4	77.2
61	43.8	35.0	52.6

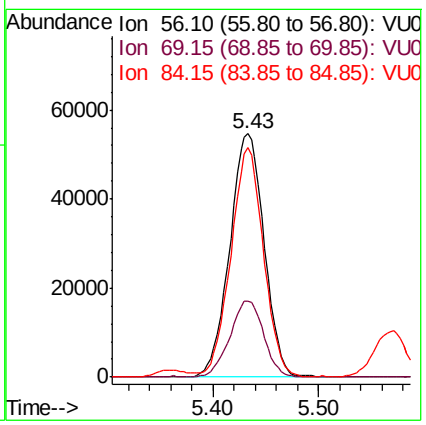


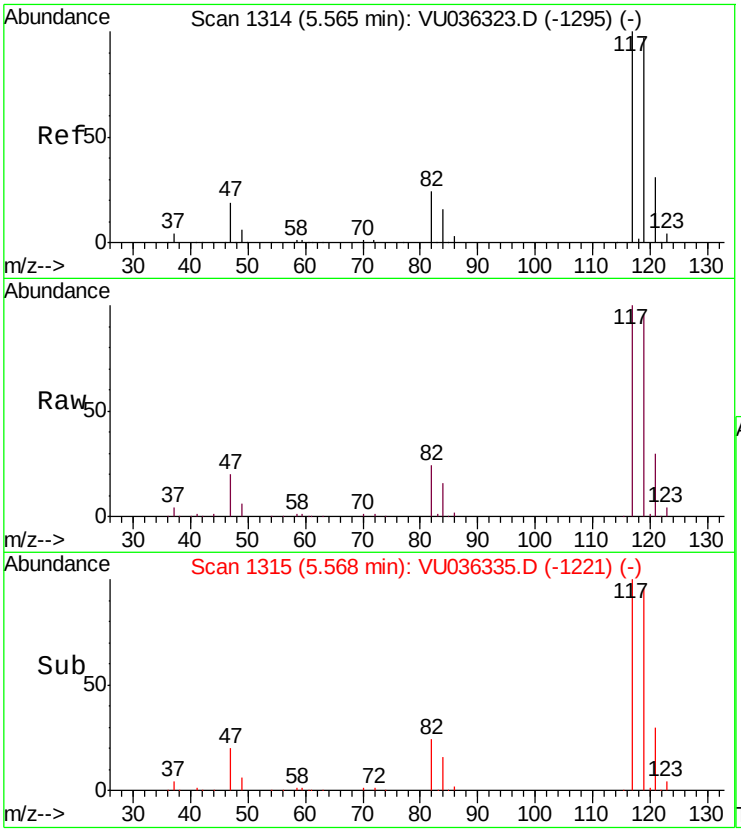


#30
Cyclohexane
Concen: 4.520 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 56 Resp: 123586

Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.6	38.4
84	89.3	73.0	109.4



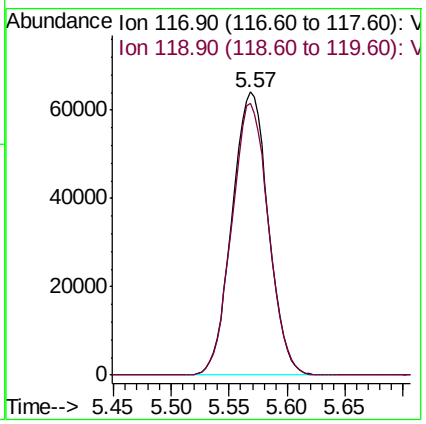


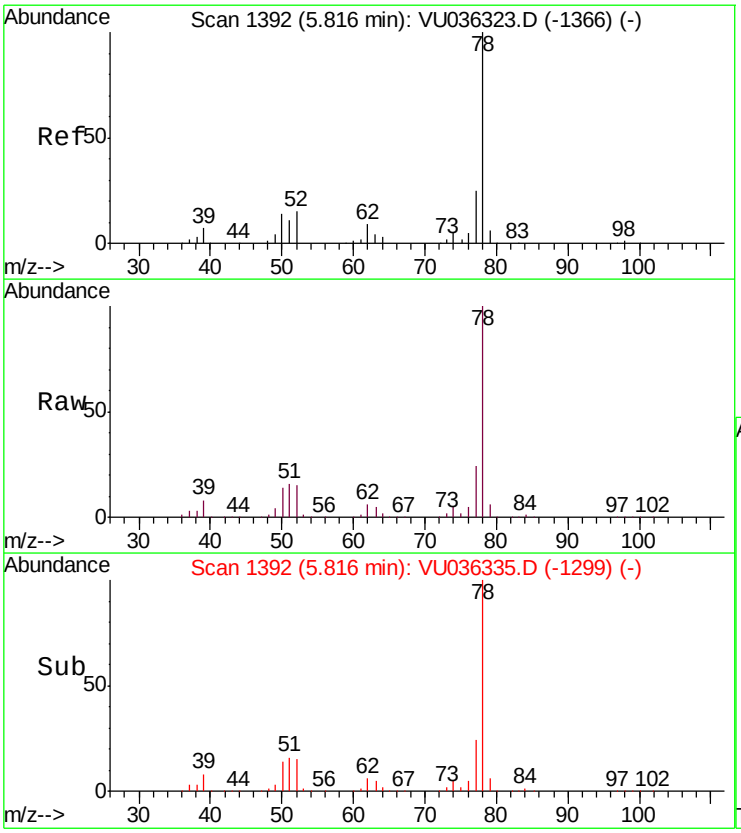
#31
Carbon tetrachloride
Concen: 4.775 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:117 Resp: 139915

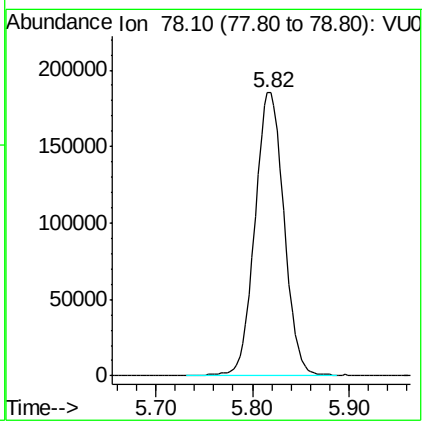
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8

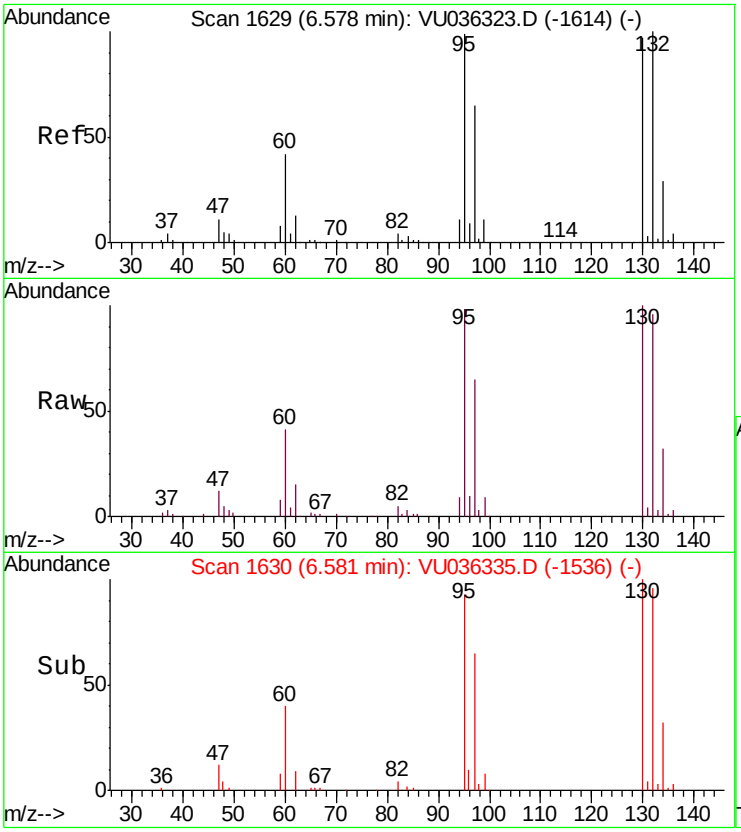




#33
Benzene
Concen: 4.827 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 78 Resp: 387194



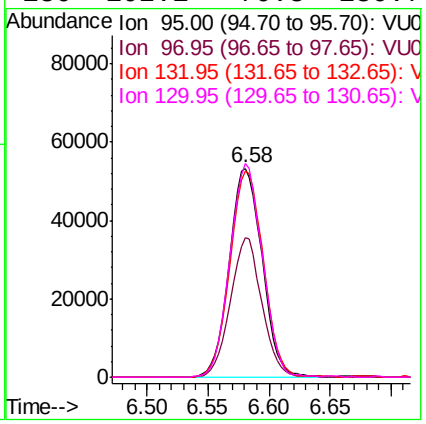


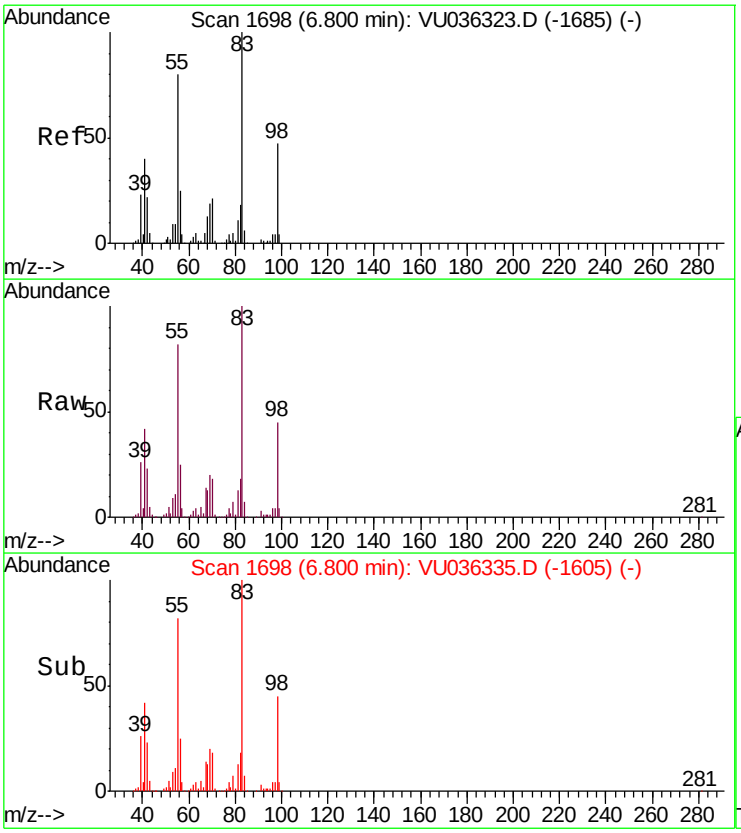
#34
Trichloroethene
Concen: 4.824 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 95 Resp: 99772

Ion	Ratio	Lower	Upper
95	100		
97	66.7	43.6	81.0
132	98.5	69.6	129.2
130	102.1	70.3	130.7

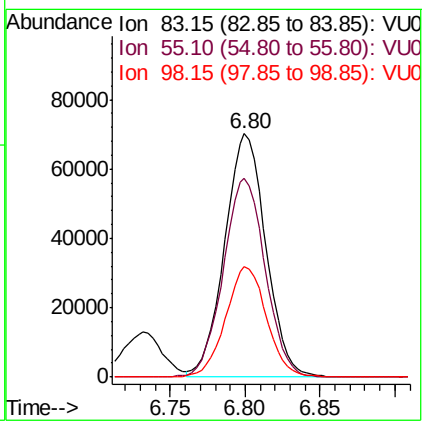


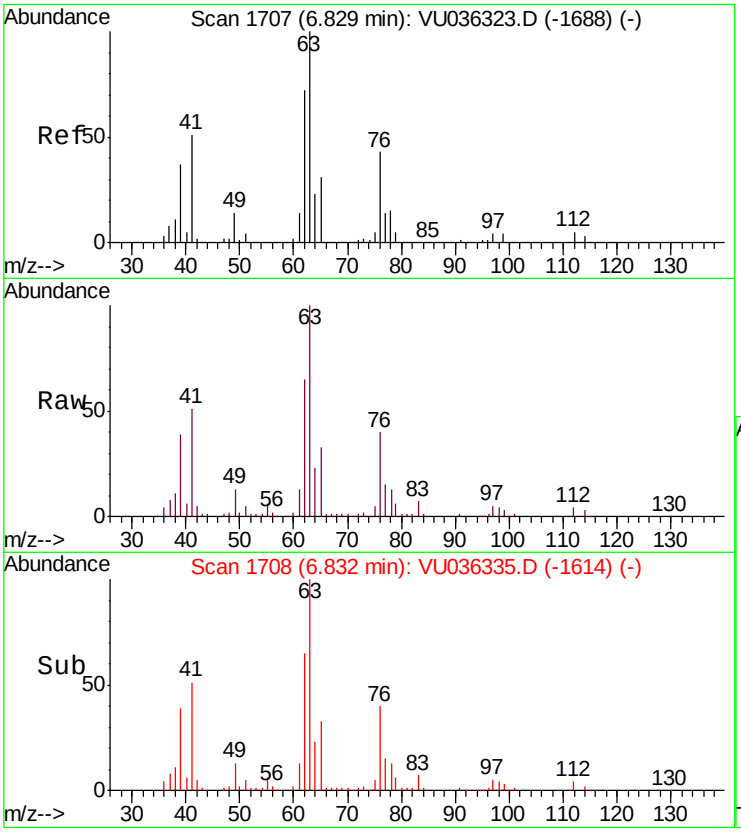


#35
Methylcyclohexane
Concen: 4.579 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 83 Resp: 134650

Ion	Ratio	Lower	Upper
83	100		
55	83.1	62.6	94.0
98	44.9	36.2	54.2



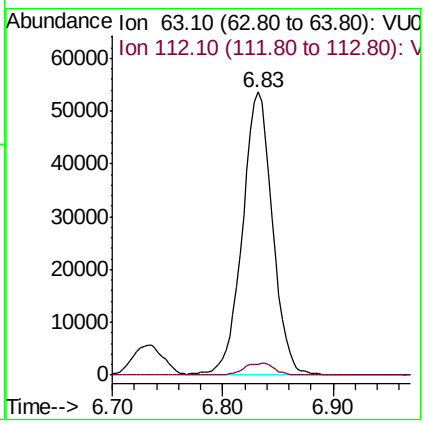


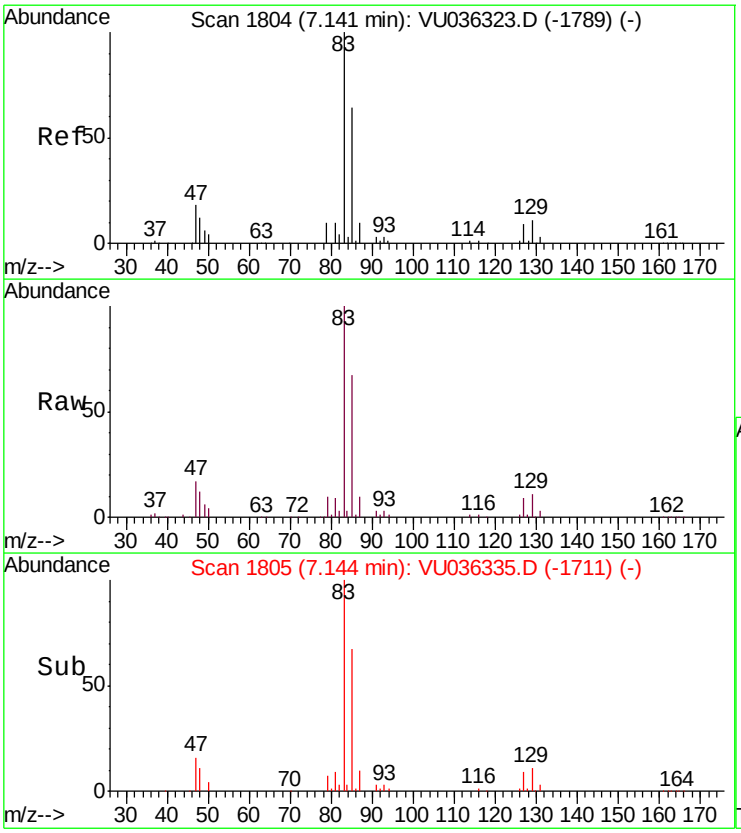
#37
1,2-Dichloropropane
Concen: 4.912 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 63 Resp: 100536

Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.8	5.8

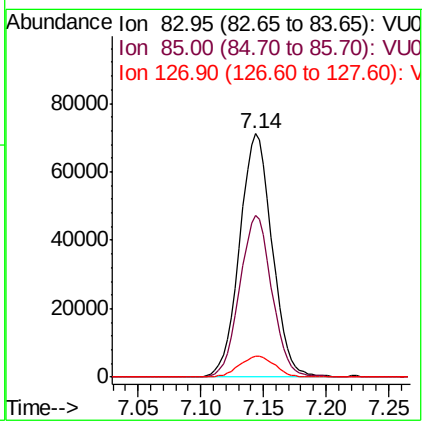


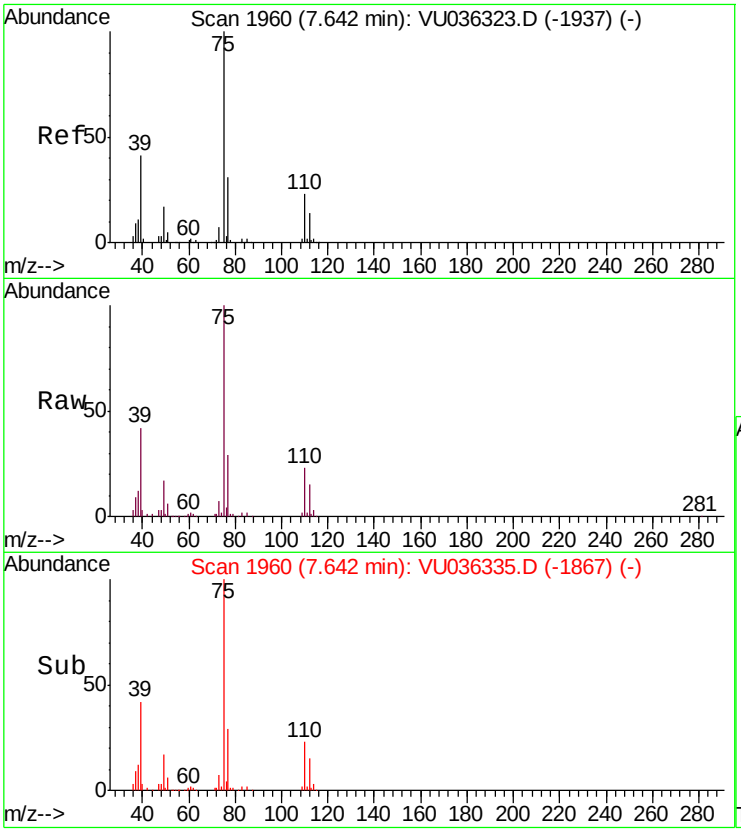


#38
Bromodichloromethane
Concen: 4.828 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 83 Resp: 128594

Ion	Ratio	Lower	Upper
83	100		
85	66.6	45.6	84.6
127	8.5	7.1	10.7



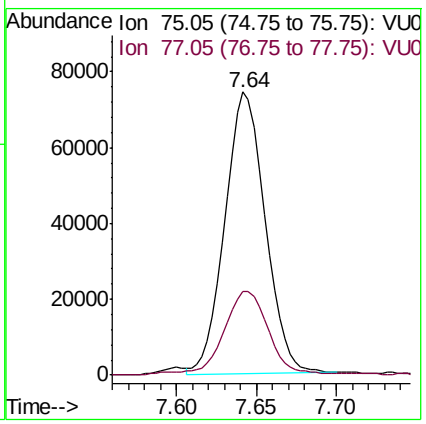


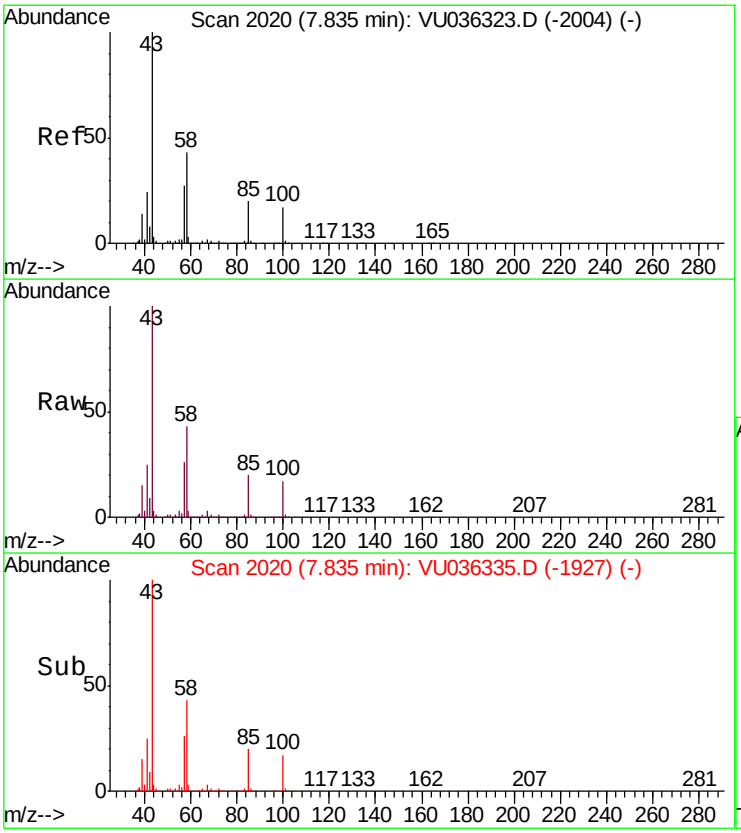
#39
cis-1,3-Dichloropropene
Concen: 4.561 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 75 Resp: 127169

Ion	Ratio	Lower	Upper
75	100		
77	29.4	22.7	42.1

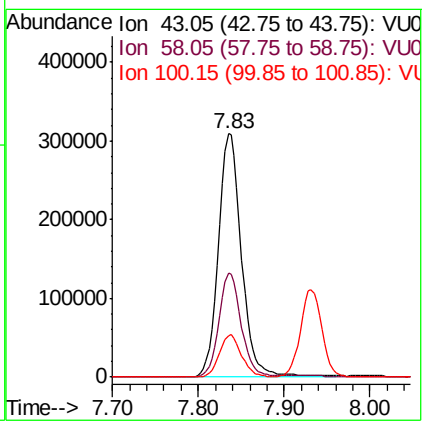


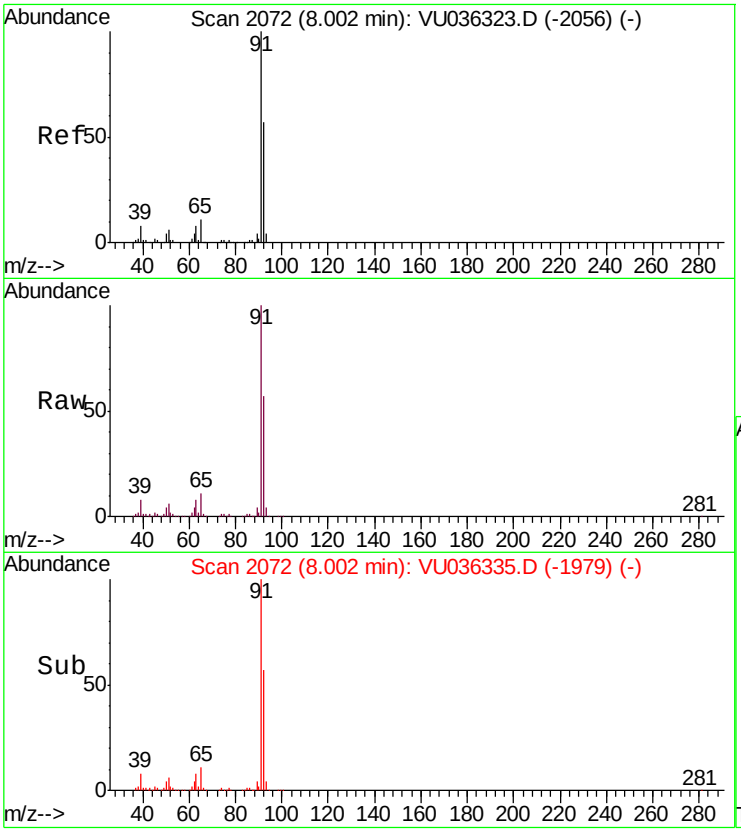


#40
4-Methyl-2-pentanone
Concen: 54.121 ug/L
RT: 7.83 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 43 Resp: 579362

Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.3	49.9
100	16.8	13.7	20.5



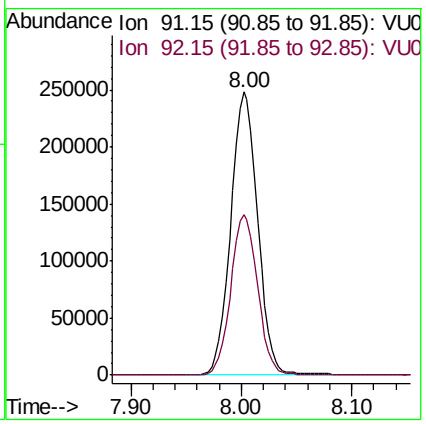


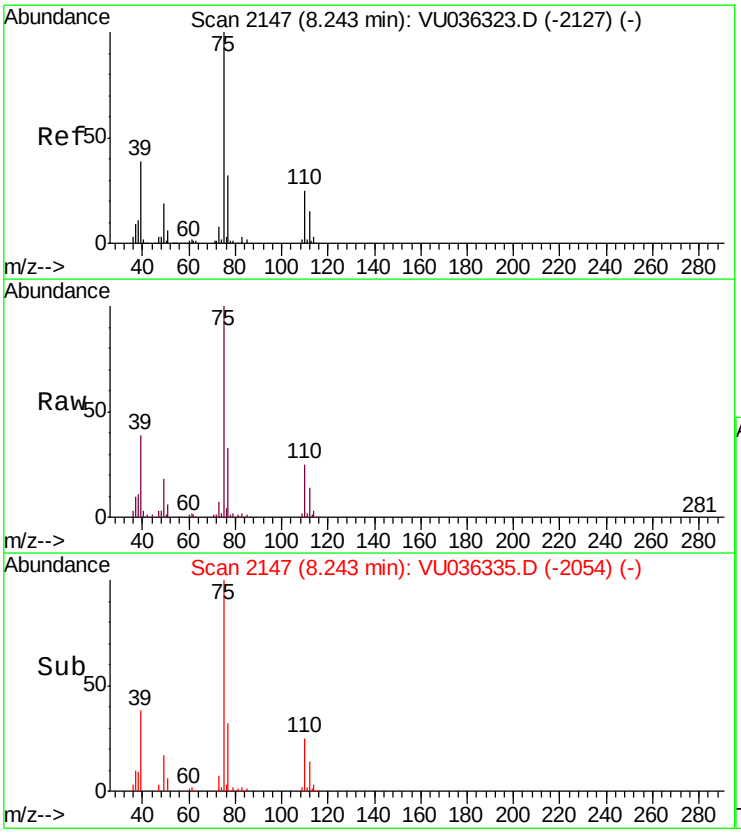
#42
Toluene
Concen: 4.895 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 91 Resp: 420891

Ion	Ratio	Lower	Upper
91	100		
92	56.5	41.2	76.6

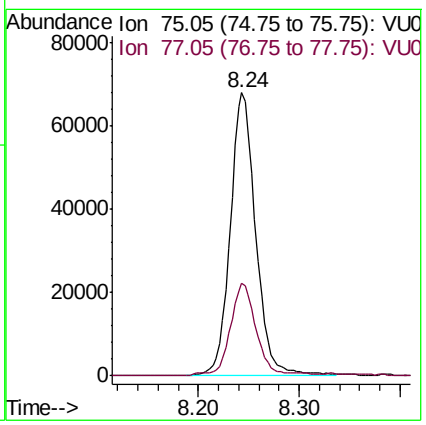


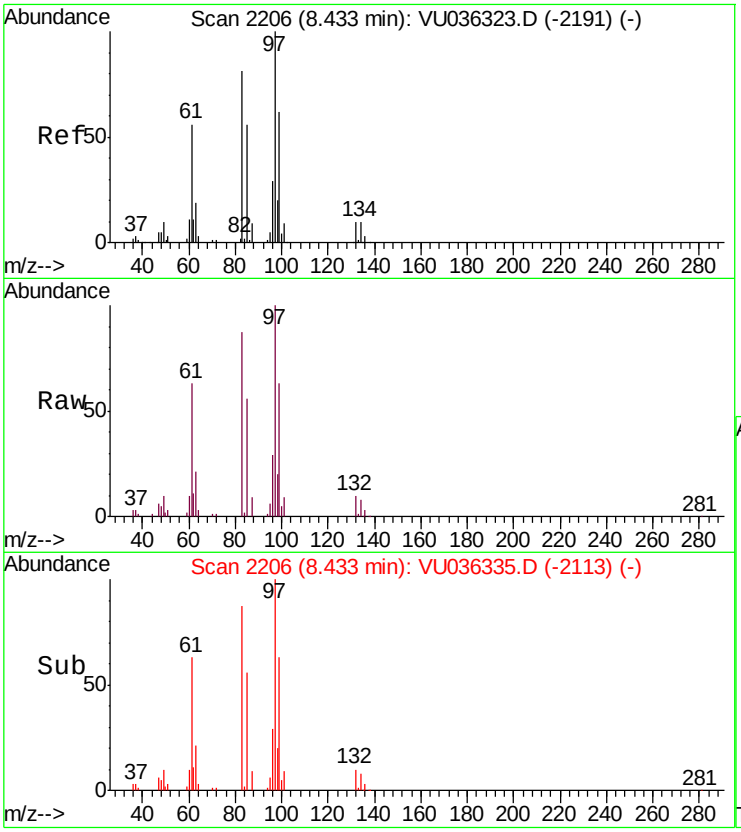


#44
trans-1,3-Dichloropropene
Concen: 5.117 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 75 Resp: 119844

Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.1	41.1



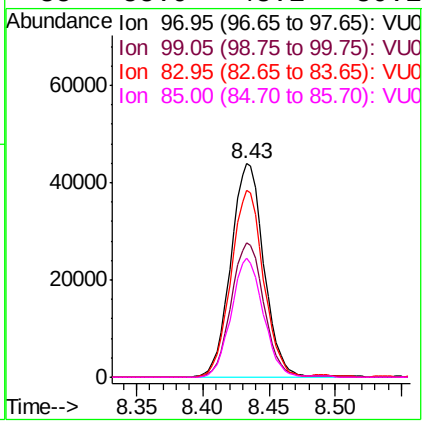


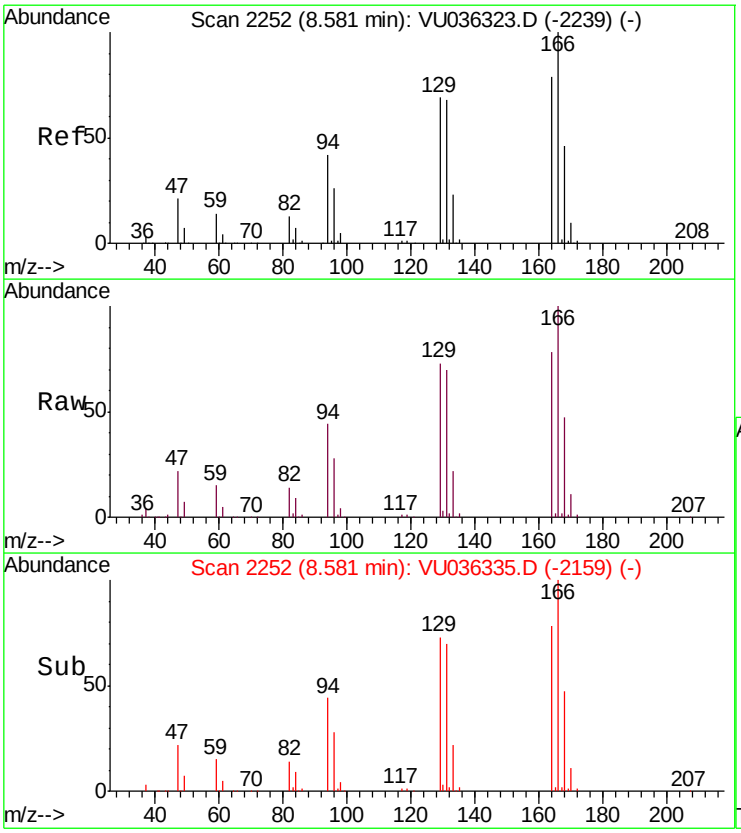
#45
1,1,2-Trichloroethane
Concen: 4.961 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 97 Resp: 76078

Ion	Ratio	Lower	Upper
97	100		
99	63.2	46.1	85.5
83	87.4	65.9	122.3
85	55.9	43.1	80.1

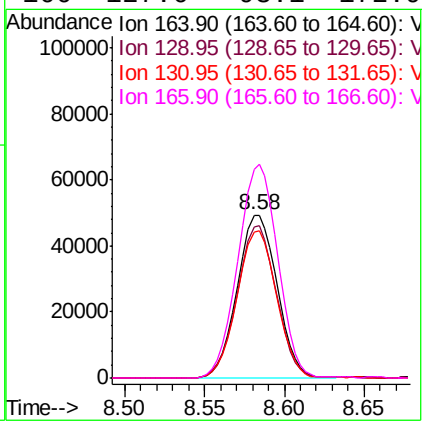


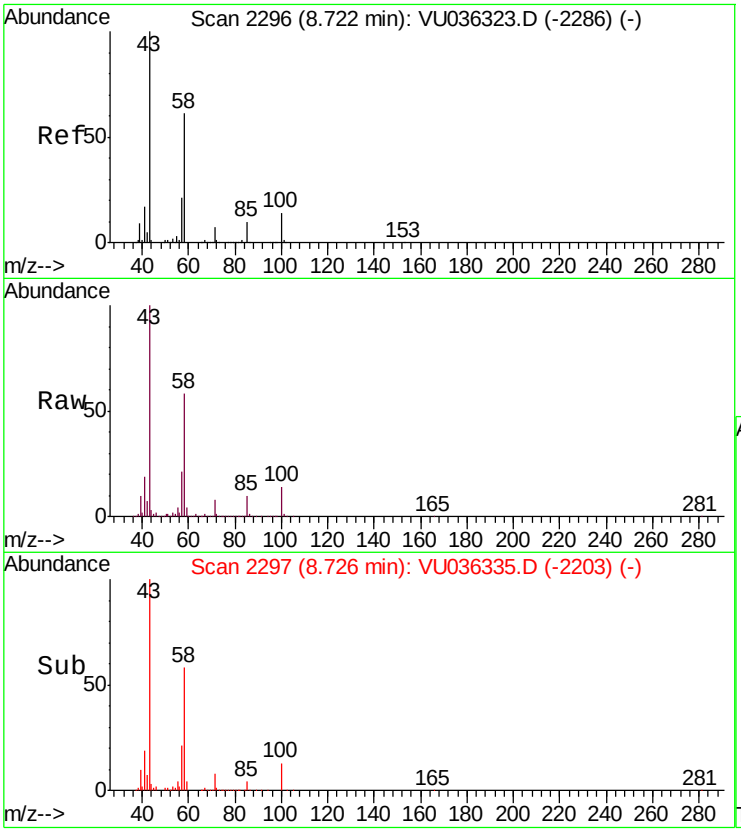


#47
Tetrachloroethene
Concen: 4.490 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:164 Resp: 83862

Ion	Ratio	Lower	Upper
164	100		
129	92.7	64.2	119.2
131	89.6	66.6	123.8
166	127.6	93.1	172.9



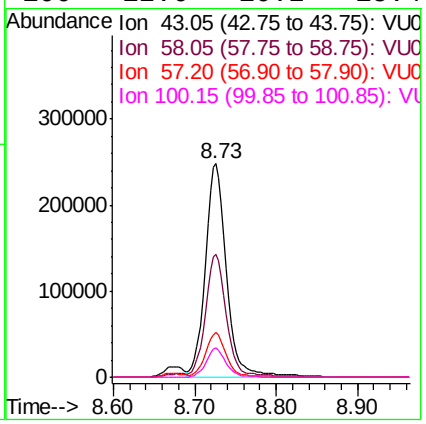


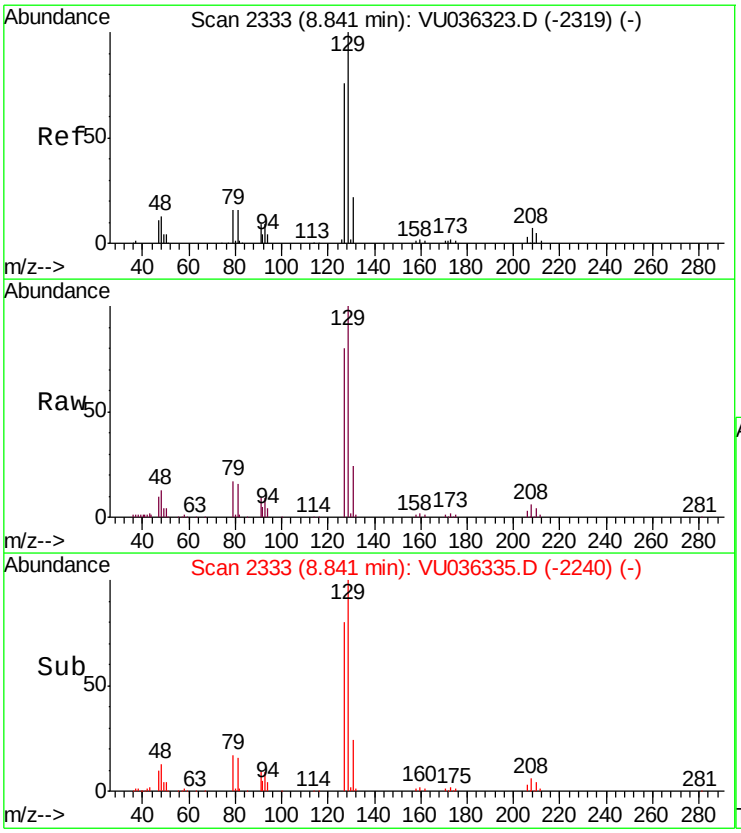
#48
2-Hexanone
Concen: 56.513 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Tgt Ion: 43 Resp: 451482

Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.2	69.2
57	20.5	16.2	24.4
100	12.6	10.2	15.4

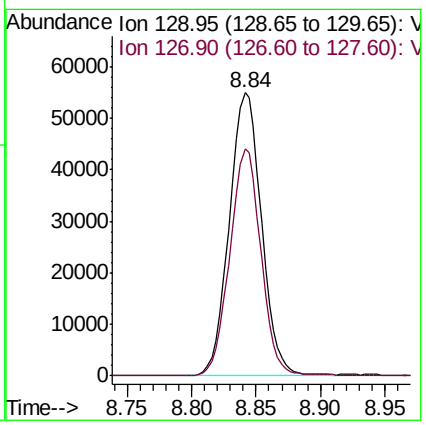


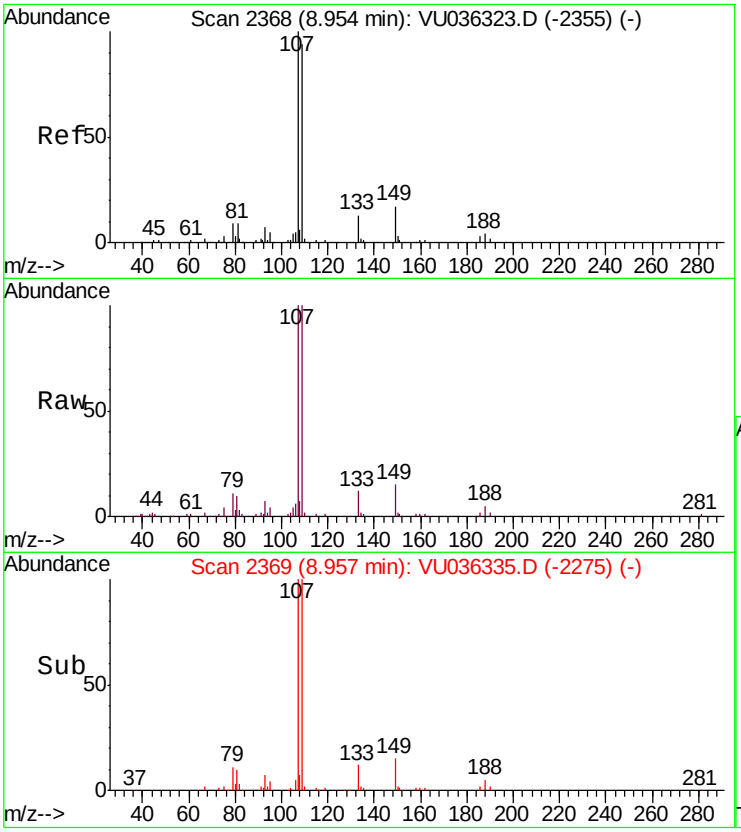


#49
Dibromochloromethane
Concen: 5.038 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:129 Resp: 95494

Ion	Ratio	Lower	Upper
129	100		
127	80.4	52.6	97.6



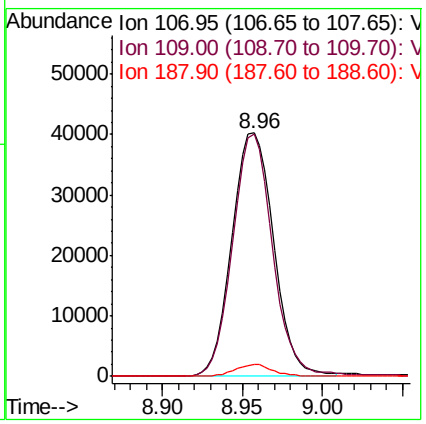


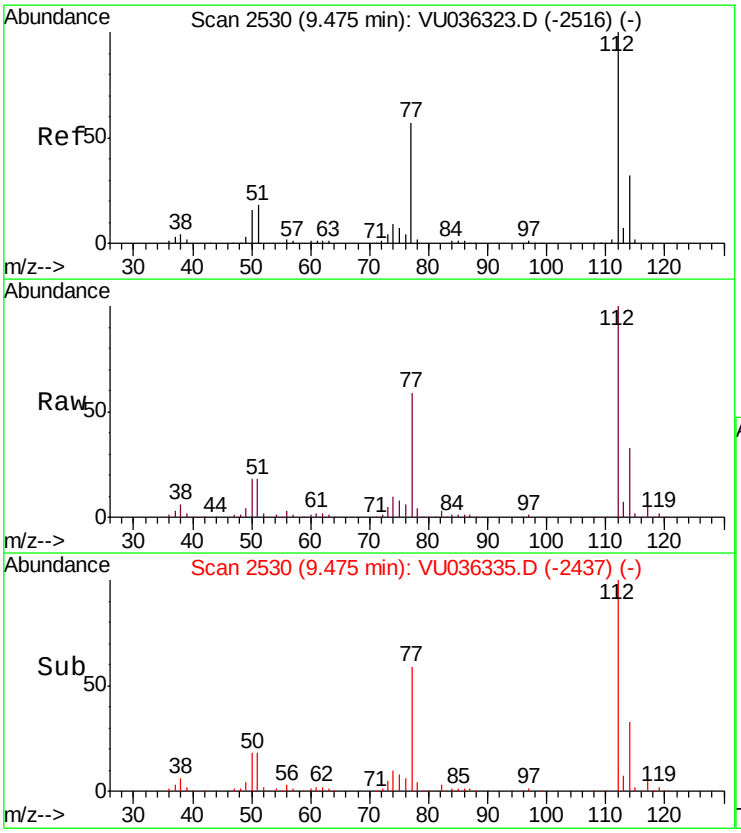
#50
1,2-Dibromoethane
Concen: 4.899 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:107 Resp: 71648

Ion	Ratio	Lower	Upper
107	100		
109	99.7	67.5	125.4
188	4.7	3.1	4.7#

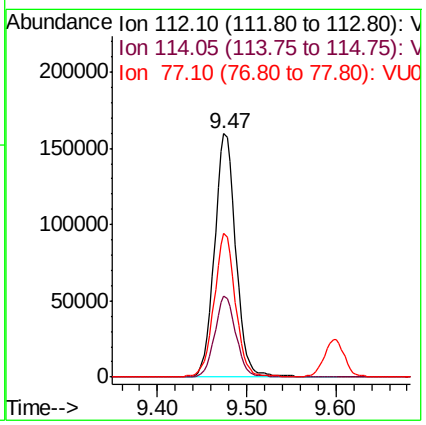


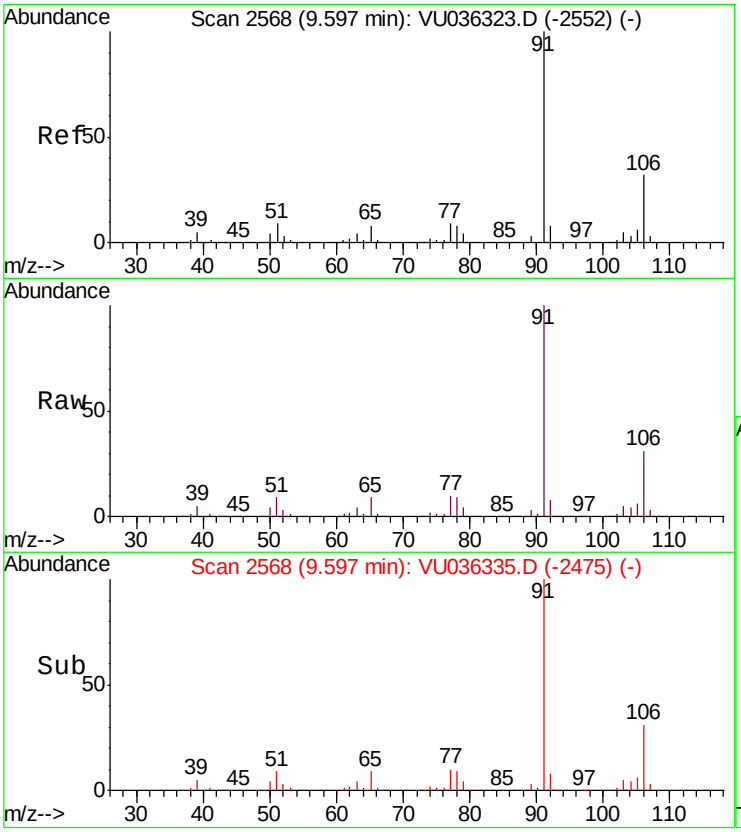


#51
Chlorobenzene
Concen: 4.647 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:112 Resp: 263890

Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.2	43.2
77	59.0	46.5	69.7



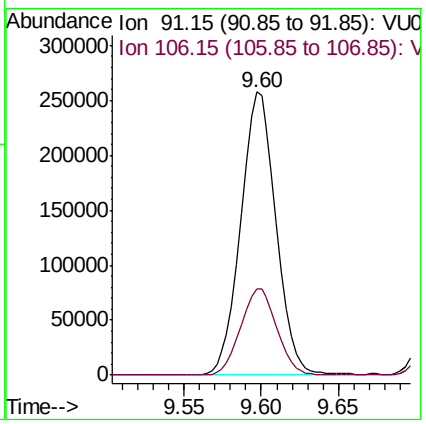


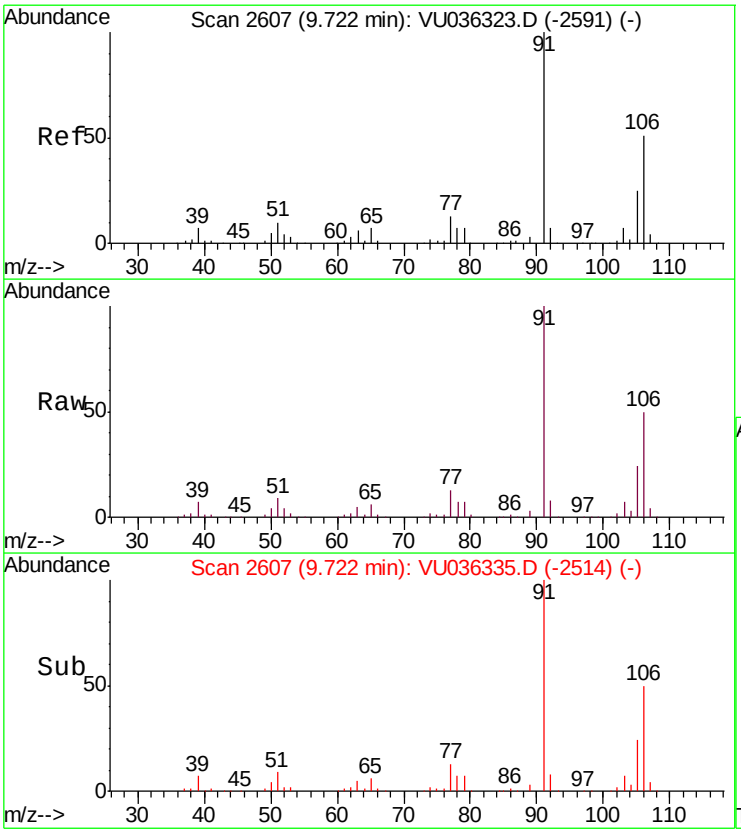
#52
Ethylbenzene
Concen: 4.732 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 91 Resp: 408666

Ion	Ratio	Lower	Upper
91	100		
106	30.5	22.0	41.0

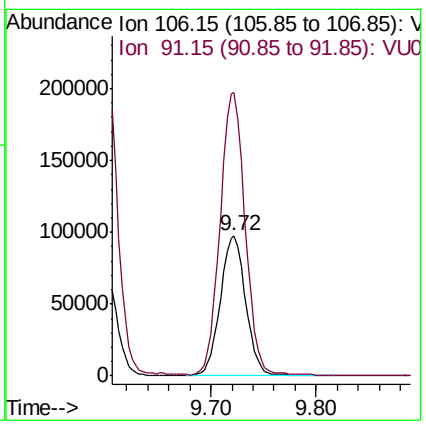


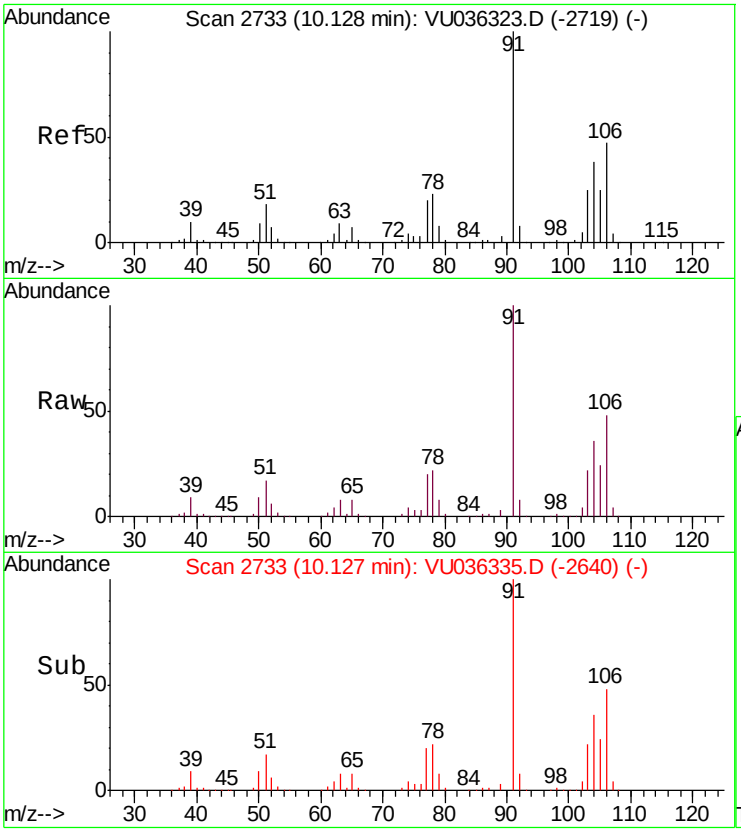


#53
m,p-Xylene
Concen: 4.906 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:106 Resp: 163245

Ion	Ratio	Lower	Upper
106	100		
91	201.8	138.7	257.7



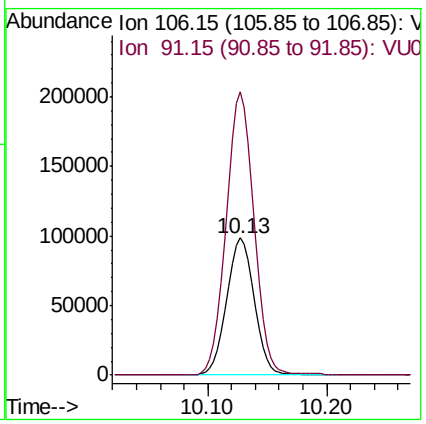


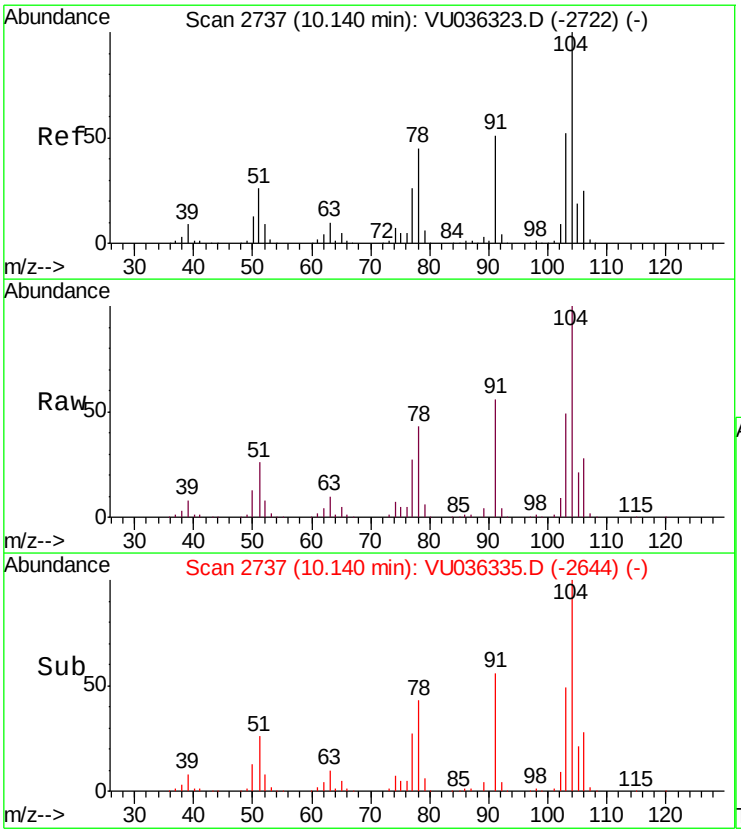
#54
o-Xylene
Concen: 4.961 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:106 Resp: 159202

Ion	Ratio	Lower	Upper
106	100		
91	206.3	152.8	283.8

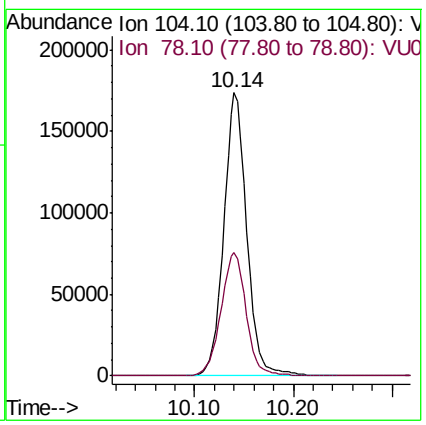


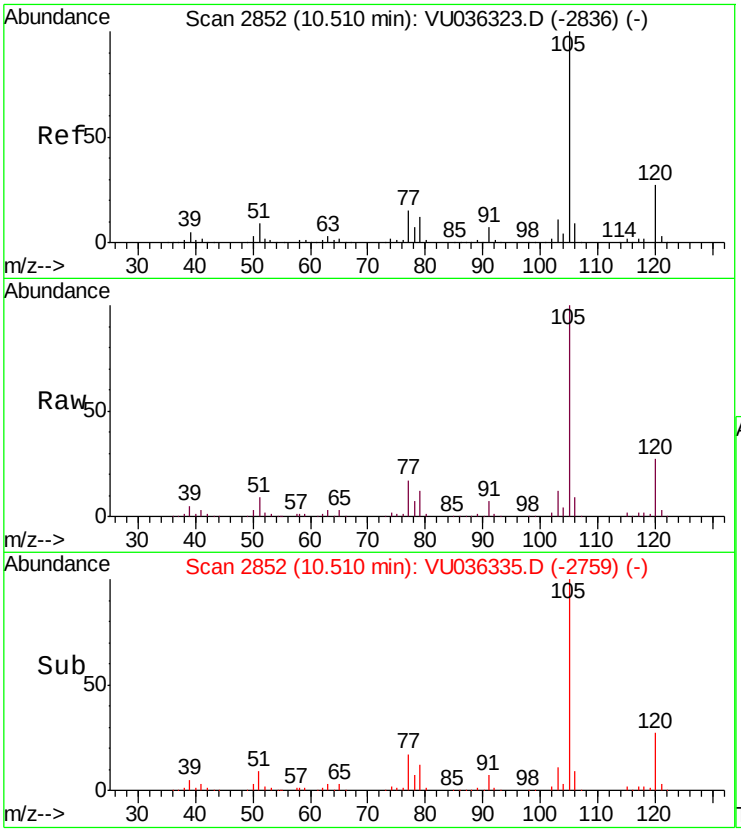


#55
Styrene
Concen: 4.993 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:104 Resp: 283563

Ion	Ratio	Lower	Upper
104	100		
78	43.4	32.1	59.5



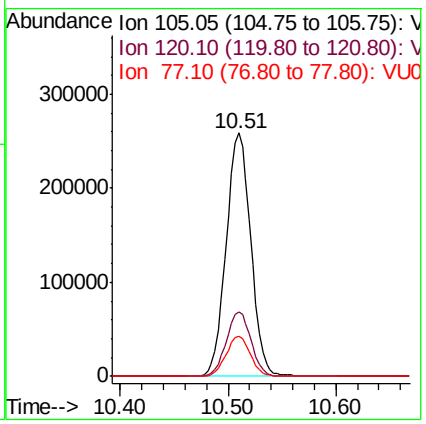


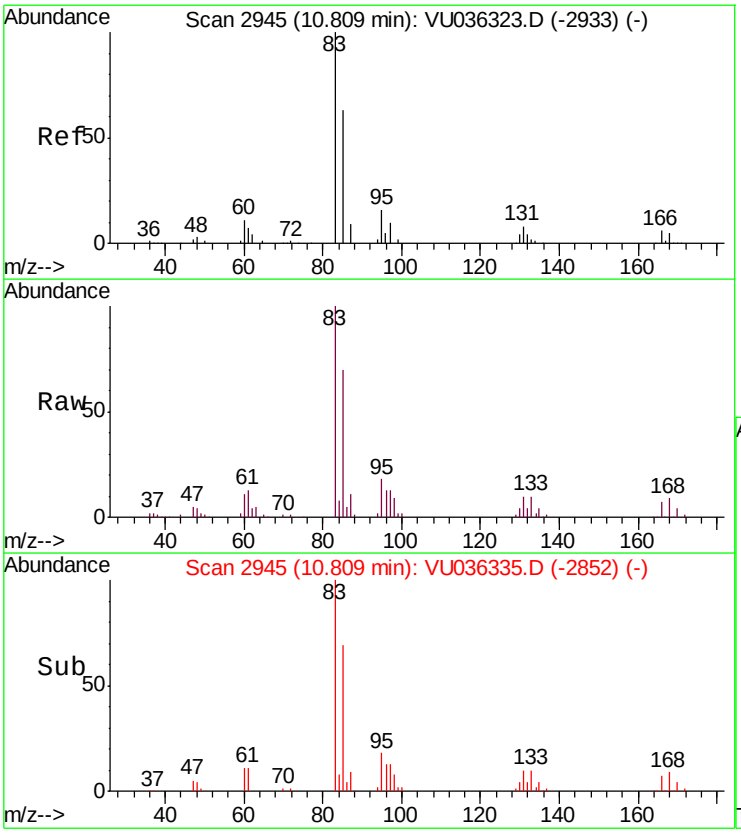
#56
Isopropylbenzene
Concen: 4.960 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:105 Resp: 408808

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.6
77	16.5	12.5	18.7

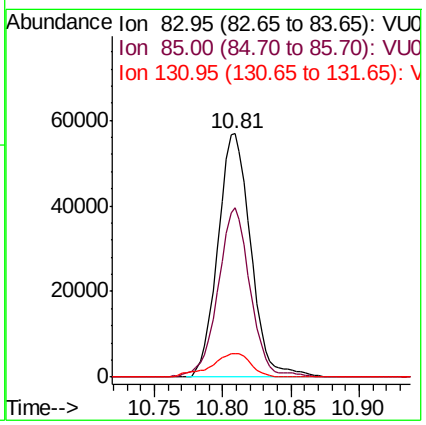


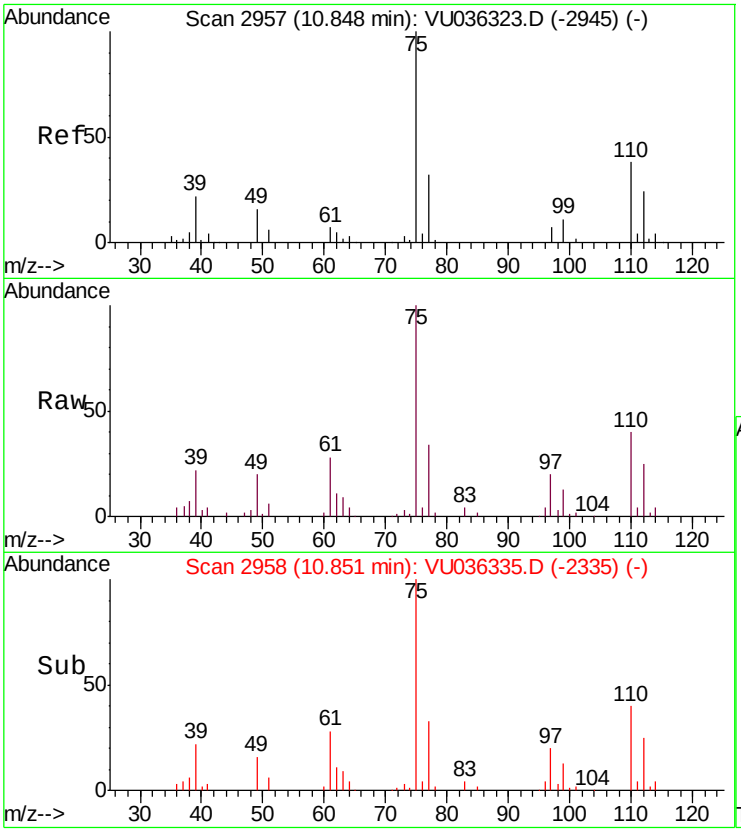


#58
1,1,2,2-Tetrachloroethane
Concen: 4.898 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 83 Resp: 95626

Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.6	84.8
131	9.7	8.5	12.7



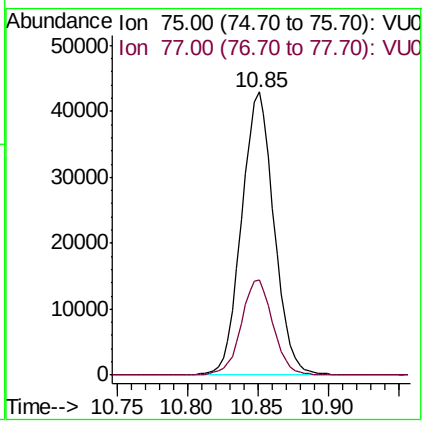


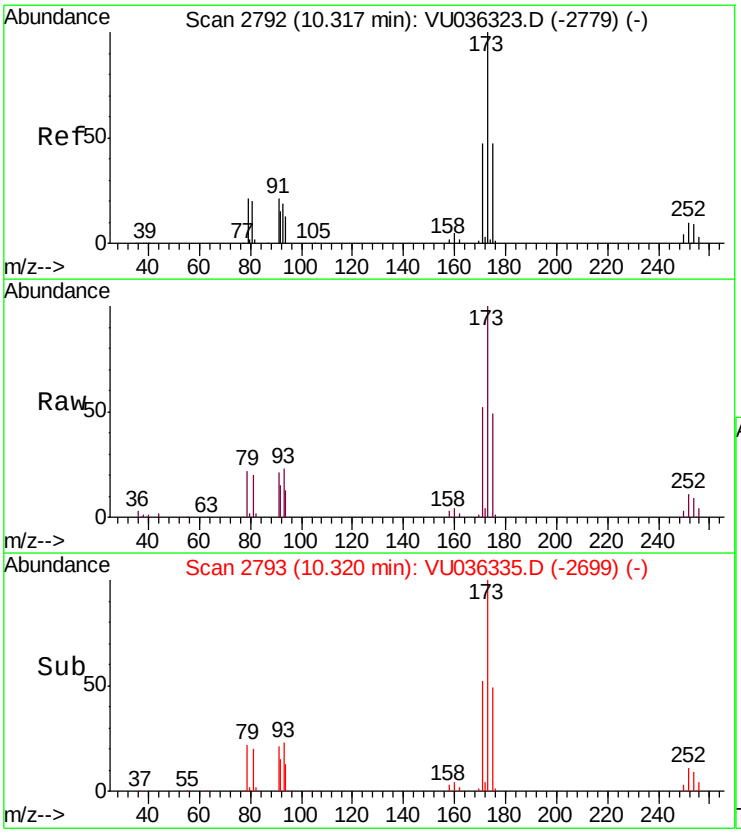
#59
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion: 75 Resp: 69294

Ion	Ratio	Lower	Upper
75	100		
77	33.0	27.2	40.8

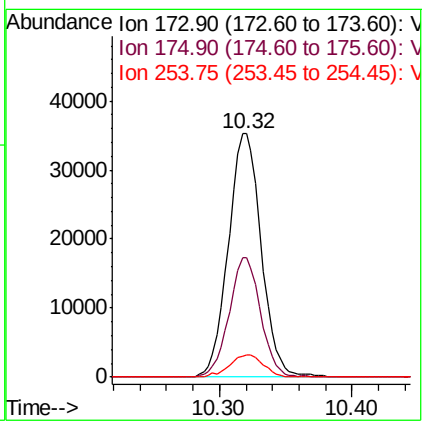


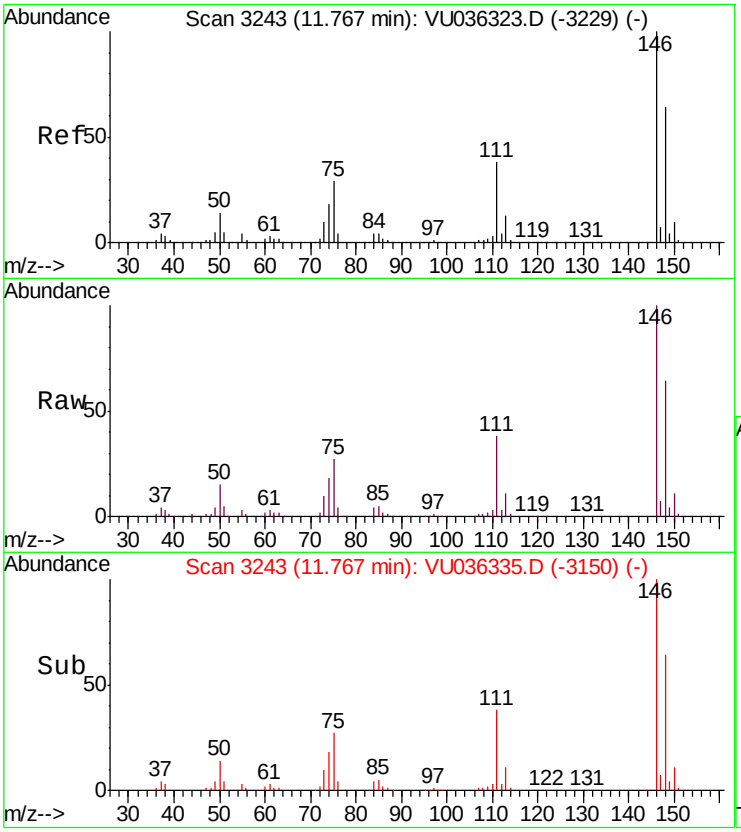


#61
Bromoform
Concen: 4.981 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:173 Resp: 60759

Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.2	58.8
254	9.4	7.8	11.6



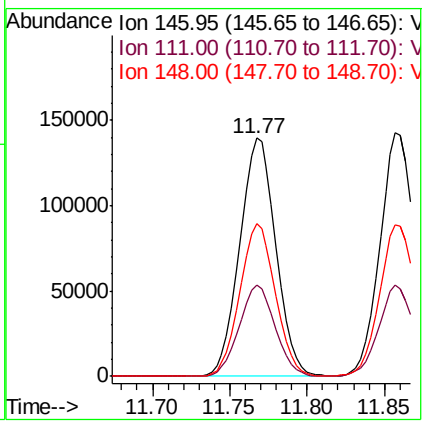


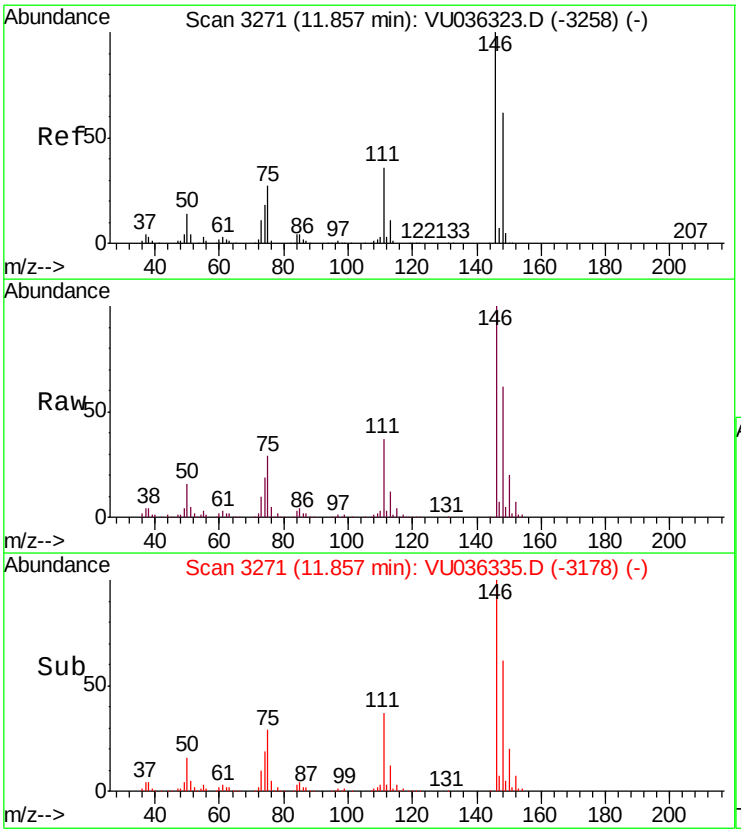
#62
1,3-Dichlorobenzene
Concen: 4.783 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:146 Resp: 226781

Ion	Ratio	Lower	Upper
146	100		
111	38.4	26.3	48.9
148	64.2	45.1	83.9

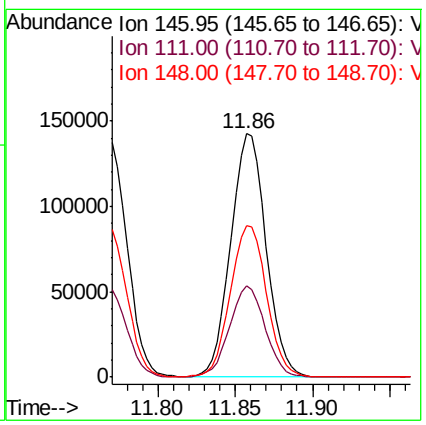


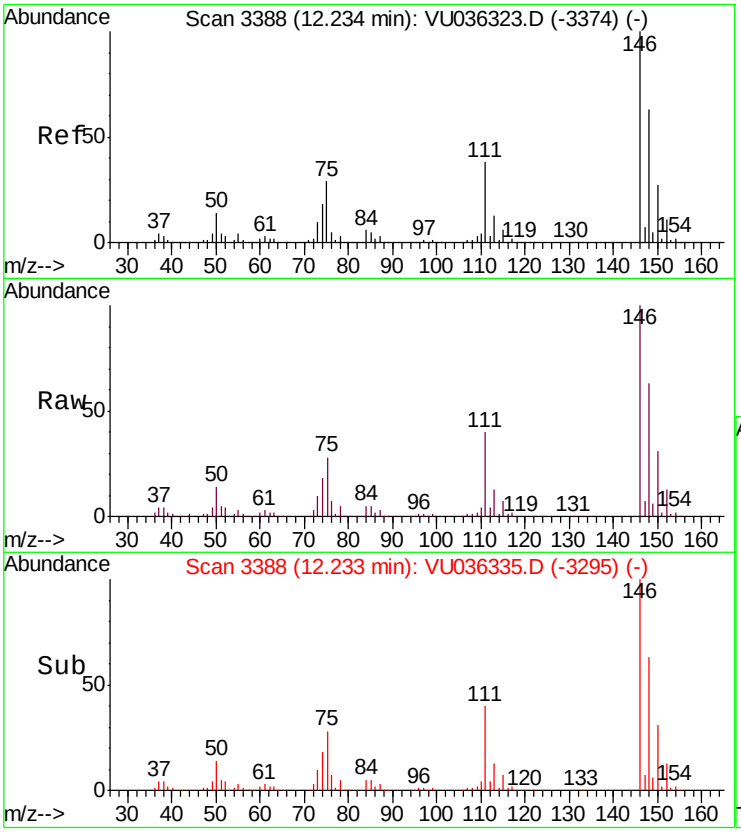


#63
1,4-Dichlorobenzene
Concen: 4.814 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:146 Resp: 226368

Ion	Ratio	Lower	Upper
146	100		
111	37.4	25.8	48.0
148	62.0	44.7	82.9



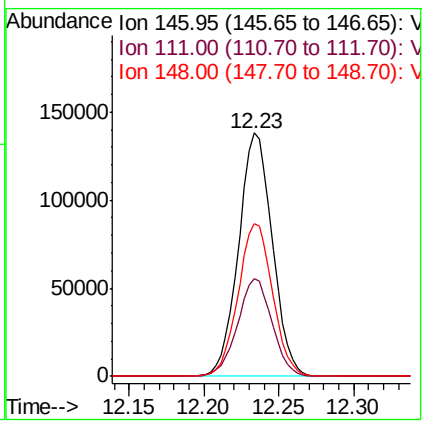


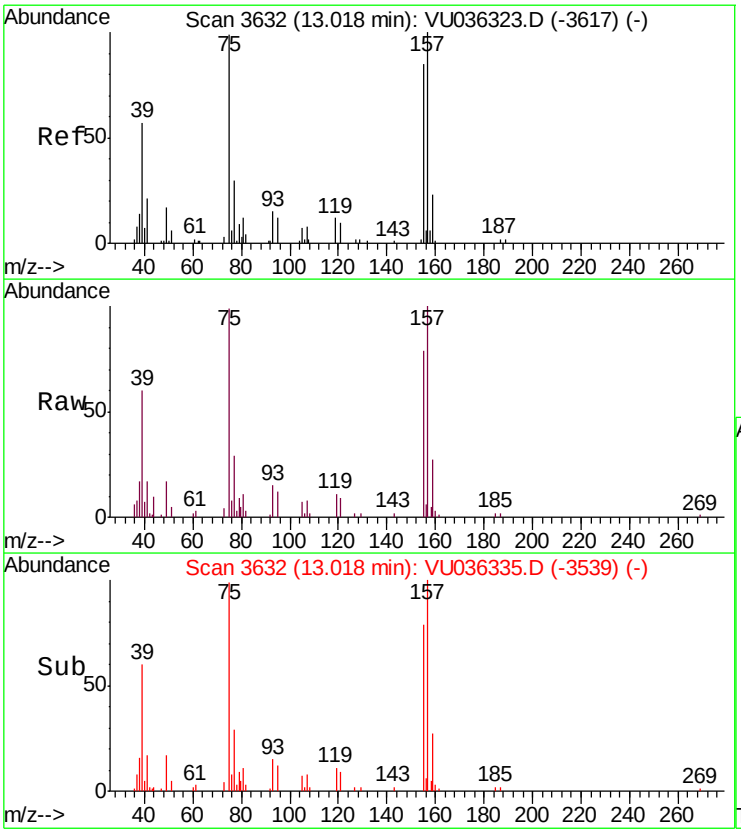
#65
1,2-Dichlorobenzene
Concen: 4.820 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:146 Resp: 217704

Ion	Ratio	Lower	Upper
146	100		
111	40.3	32.5	48.7
148	63.0	49.2	73.8

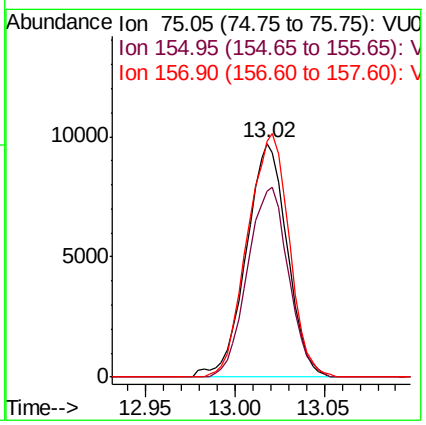


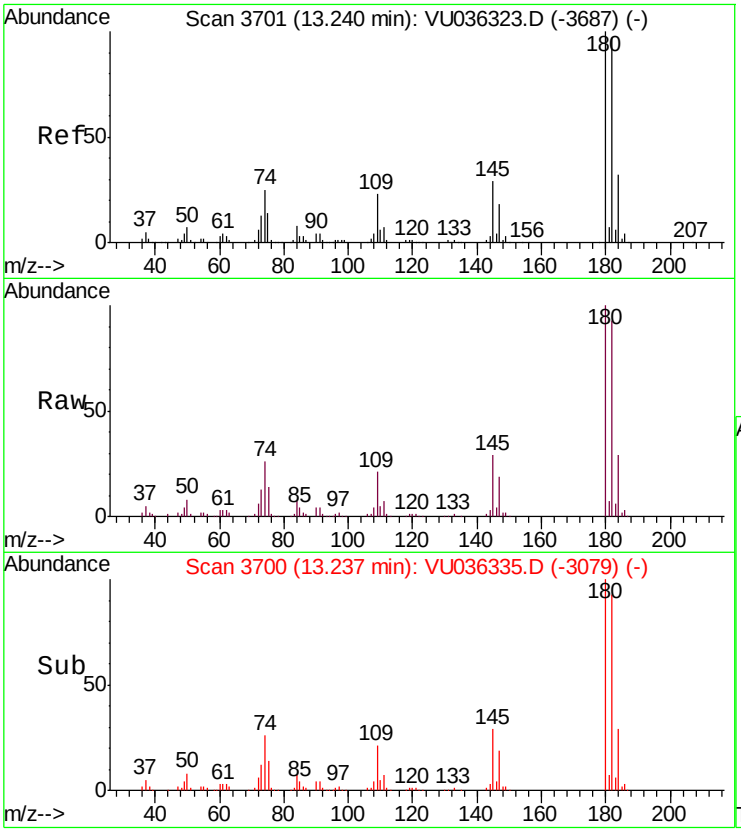


#66
1,2-Dibromo-3-chloropropane
Concen: 5.200 ug/L
RT: 13.02 min Scan# 3632
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion: 75 Resp: 15602

Ion	Ratio	Lower	Upper
75	100		
155	79.5	61.9	92.9
157	101.1	84.9	127.3



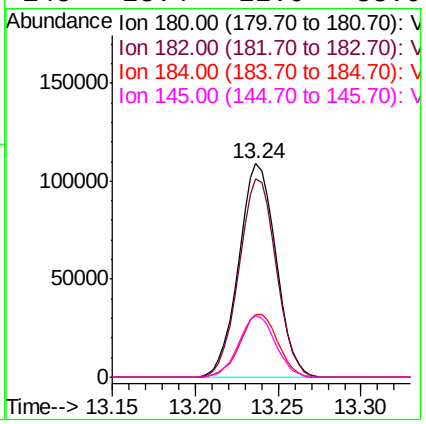


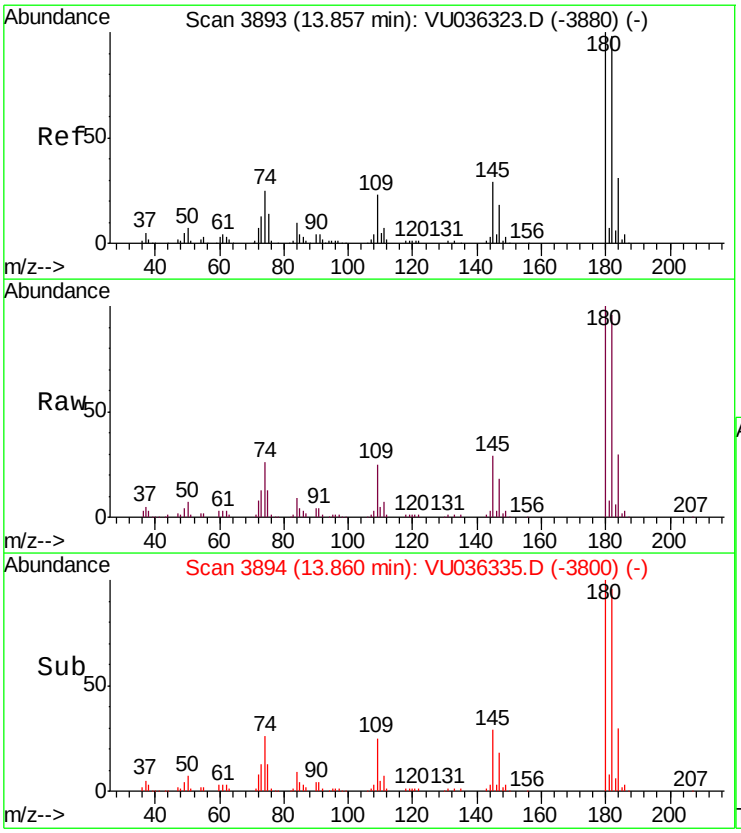
#67
1,3,5-Trichlorobenzene
Concen: 4.790 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:180 Resp: 170182

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.9	115.3
184	29.8	24.2	36.4
145	28.4	22.0	33.0

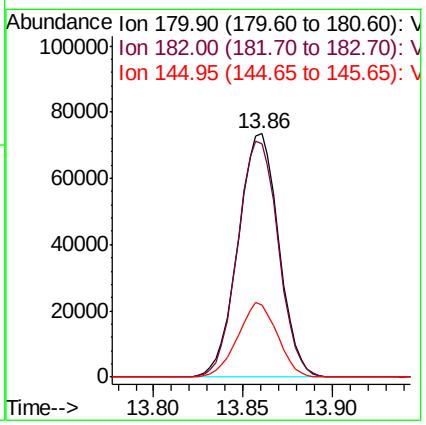


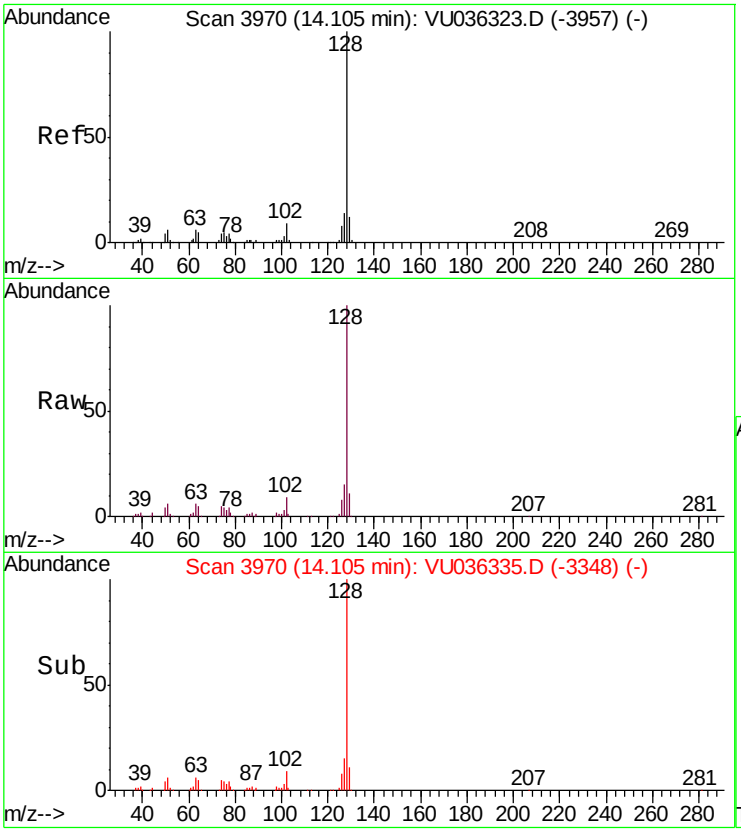


#68
1,2,4-trichlorobenzene
Concen: 4.997 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:180 Resp: 116608

Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.3	112.9
145	29.8	22.7	34.1



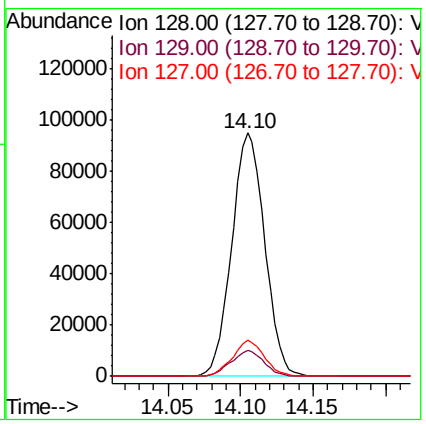


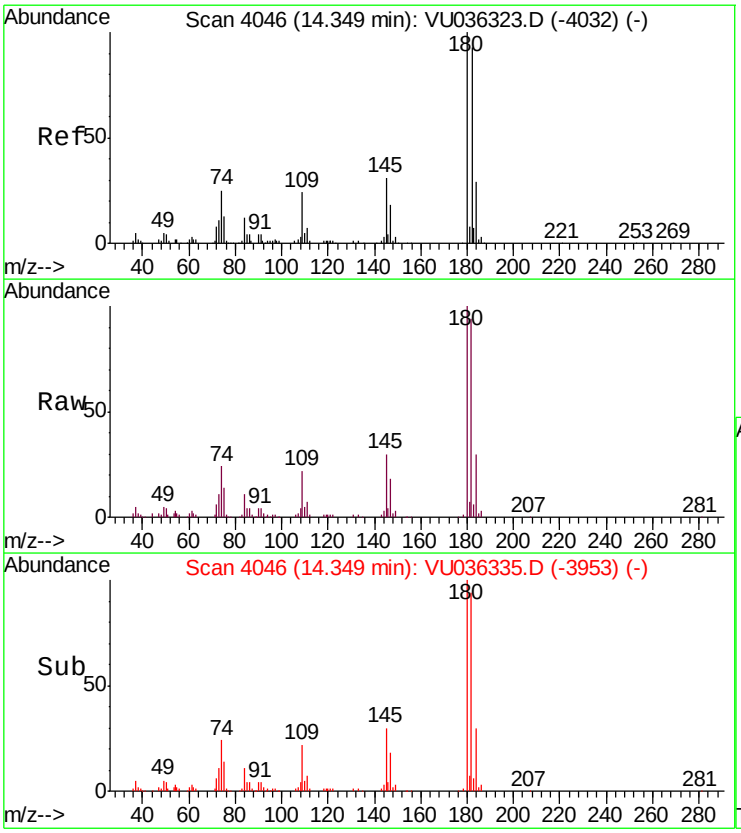
#69
Naphthalene
Concen: 5.046 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD00527

Tgt Ion:128 Resp: 149826

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	14.3	11.5	17.3





#70
1,2,3-Trichlorobenzene
Concen: 5.168 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. -0.00 min
Lab File: VU036335.D
Acq: 23 Dec 2019 18:47

Tgt Ion:180 Resp: 116638

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
145	30.2	24.9	37.3