Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032346.D
Acq On : 29 May 2019 09:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: May 30 05:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	362417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	354836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170396	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79360	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.68	69	82483	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.27	63	160477	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.60%			
20) 2-Butanone-d5	4.21	46	313400	54.59	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.18%			
24) Chloroform-d	4.64	84	240497	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	127446	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.33	84	443953	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.33	67	153353	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.56	98	438028	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.85	79	61107	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.31	63	240490	50.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158983	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	208460	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	77593	5.008	ug/L	99
3) Chloromethane	1.33	50	74520	4.797	ug/L	99
5) Vinyl chloride	1.40	62	76773	4.895	ug/L	95
6) Bromomethane	1.63	94	51686	5.201	ug/L	96
8) Chloroethane	1.70	64	47699	4.790	ug/L	96
9) Trichlorofluoromethane	1.88	101	101162	4.975	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	65563	5.109	ug/L	98
12) 1,1-Dichloroethene	2.28	96	63002	4.885	ug/L	95
13) Acetone	2.35	43	94420	53.082	ug/L	96
14) Carbon disulfide	2.48	76	195235	4.885	ug/L	98
15) Methyl Acetate	2.63	43	25331	4.853	ug/L	94
16) Methylene chloride	2.70	84	69252	4.025	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	146229	5.029	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	69428	5.015	ug/L	94
19) 1,1-Dichloroethane	3.44	63	113355	5.302	ug/L	96
21) 2-Butanone	4.29	43	156695	58.394	ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	68688	5.083	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032346.D
Acq On : 29 May 2019 09:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: May 30 05:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	31712	5.310 ug/L	95
25) Chloroform	4.67	83	118402	5.128 ug/L	91
27) 1,2-Dichloroethane	5.41	62	69218	5.151 ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	94350	5.123 ug/L	96
30) Cyclohexane	4.98	56	89470	5.196 ug/L	95
31) Carbon tetrachloride	5.13	117	83457	5.144 ug/L	99
33) Benzene	5.38	78	257005	5.354 ug/L	100
34) Trichloroethene	6.18	95	66792	5.185 ug/L	94
35) Methylcyclohexane	6.41	83	96334	5.077 ug/L	96
37) 1,2-Dichloropropane	6.43	63	63495	5.494 ug/L #	94
38) Bromodichloromethane	6.76	83	77817	5.181 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	89695	5.451 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	335381	57.412 ug/L	97
42) Toluene	7.63	91	271413	5.322 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	69759	5.395 ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	47304	5.301 ug/L	99
47) Tetrachloroethene	8.22	164	56448	5.308 ug/L	99
48) 2-Hexanone	8.36	43	265506	59.258 ug/L	96
49) Dibromochloromethane	8.47	129	55185	5.433 ug/L	93
50) 1,2-Dibromoethane	8.59	107	43995	5.229 ug/L	98
51) Chlorobenzene	9.12	112	173428	5.313 ug/L	98
52) Ethylbenzene	9.25	91	267110	5.203 ug/L	98
53) m,p-Xylene	9.37	106	106485	5.578 ug/L	100
54) o-Xylene	9.77	106	99930	5.239 ug/L	96
55) Styrene	9.79	104	172934	5.418 ug/L	98
56) Isopropylbenzene	10.16	105	255860	5.305 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	56268	5.235 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	38707	5.143 ug/L	95
61) Bromoform	9.95	173	32101	5.260 ug/L	94
62) 1,3-Dichlorobenzene	11.41	146	128935	5.121 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	132875	5.032 ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	130540	5.112 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	8679	5.263 ug/L	88
67) 1,3,5-Trichlorobenzene	12.88	180	97584	5.094 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	69527	5.147 ug/L	99
69) Naphthalene	13.74	128	85286	4.127 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	70128	4.904 ug/L	98

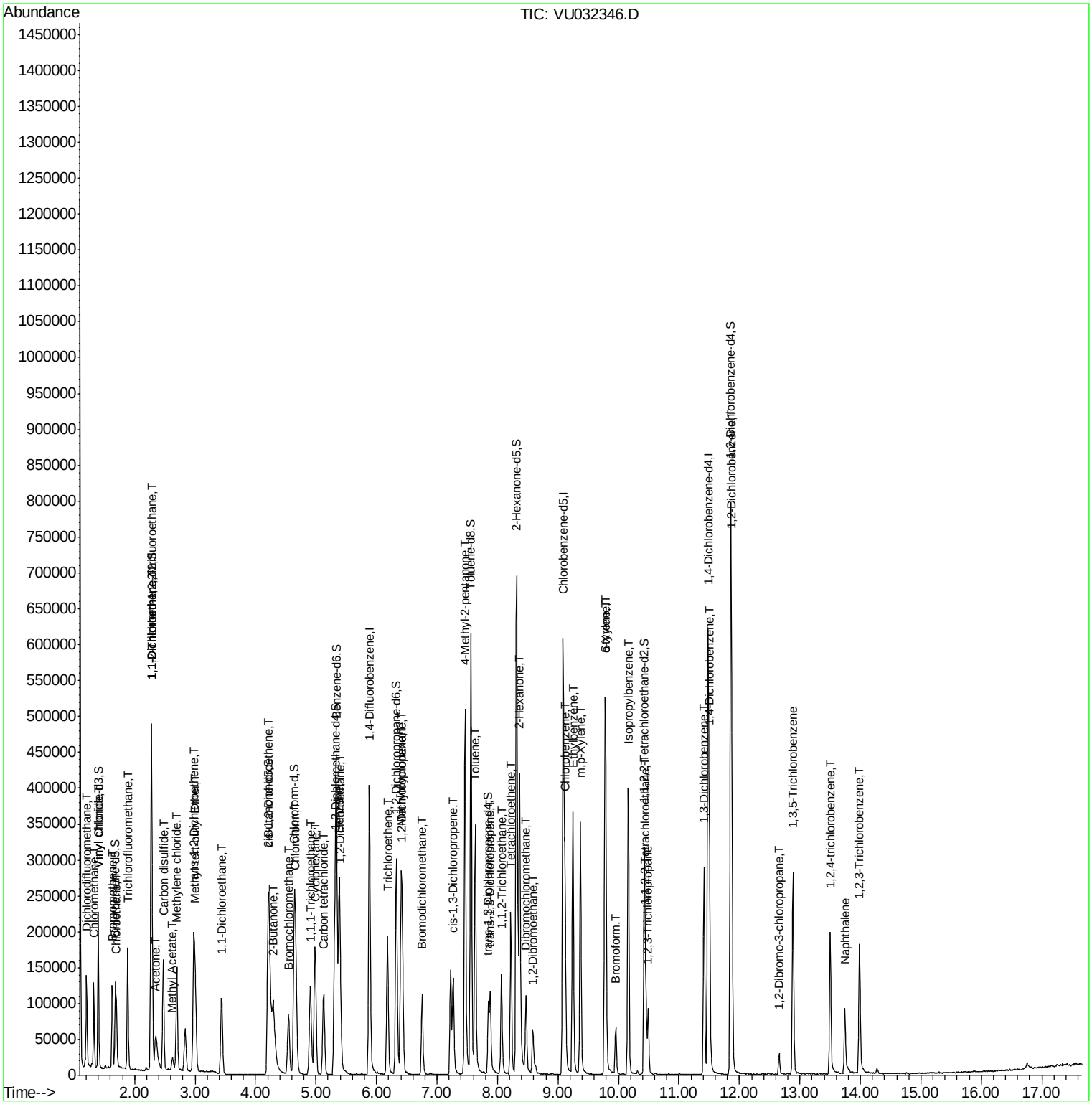
(#) = qualifier out of range (m) = manual integration (+) = signals summed

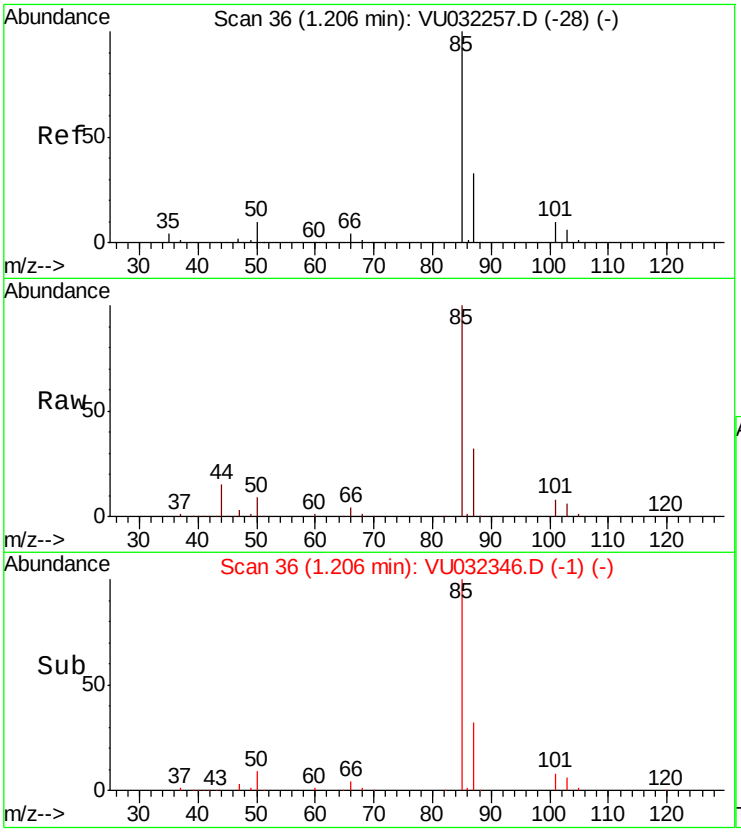
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032346.D
Acq On : 29 May 2019 09:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Quant Time: May 30 05:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration



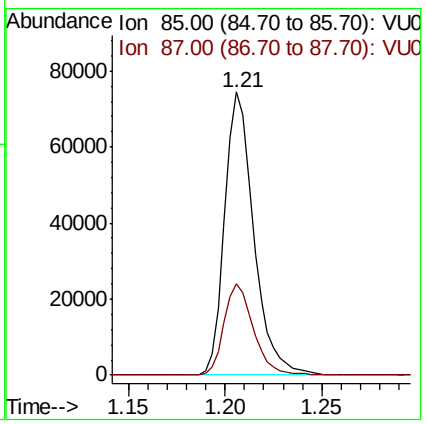


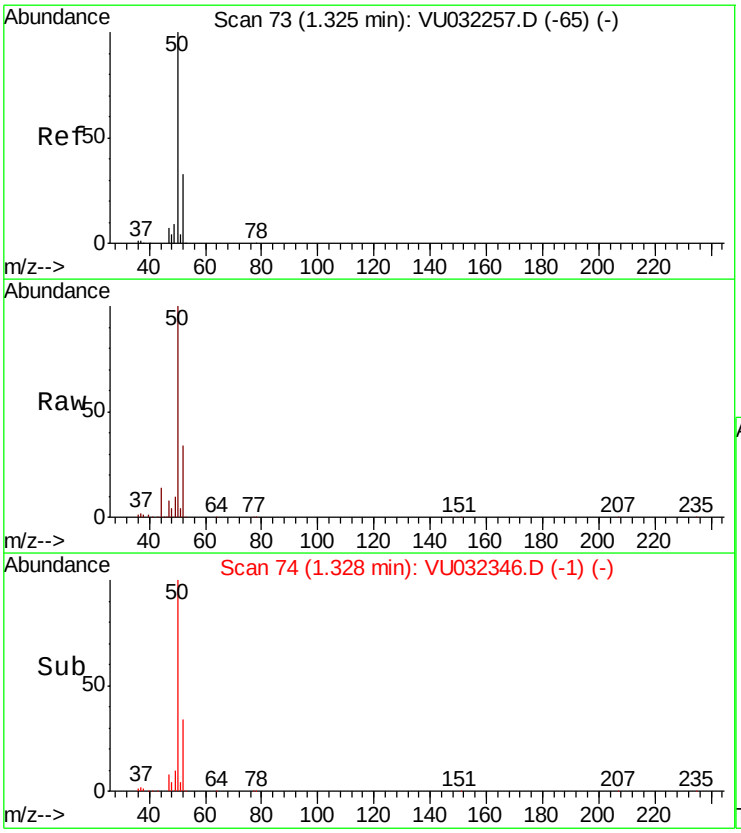
#2
Dichlorodifluoromethane
Concen: 5.008 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 85 Resp: 77593

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.6	39.8

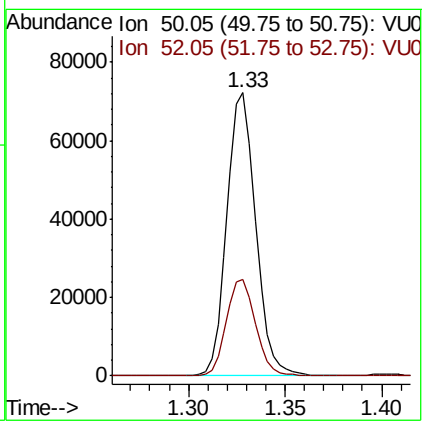


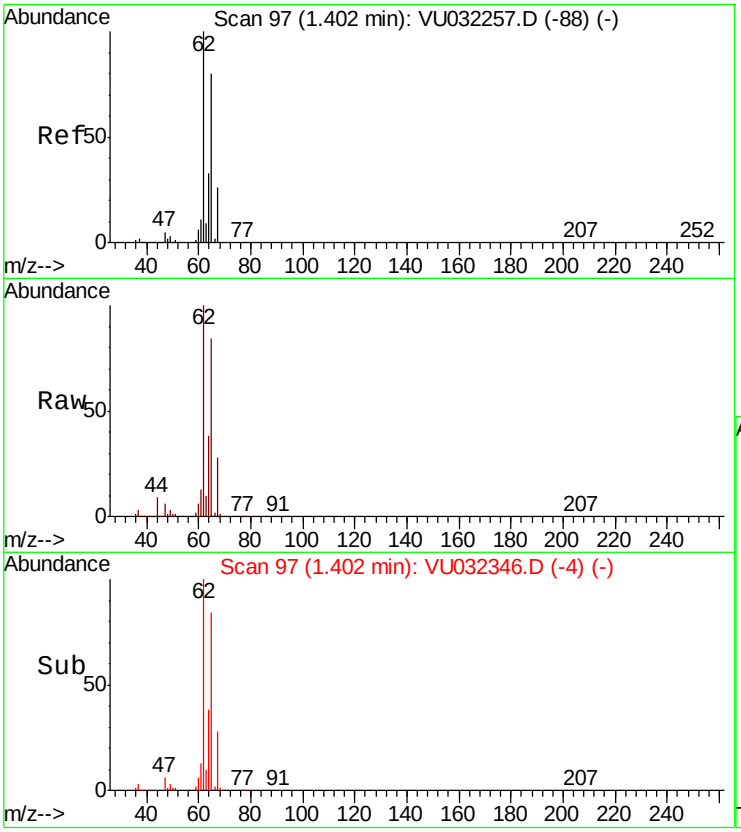


#3
Chloromethane
Concen: 4.797 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 50 Resp: 74520

Ion	Ratio	Lower	Upper
50	100		
52	34.0	23.3	43.3



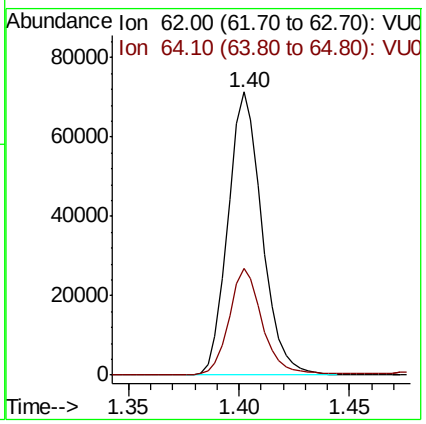


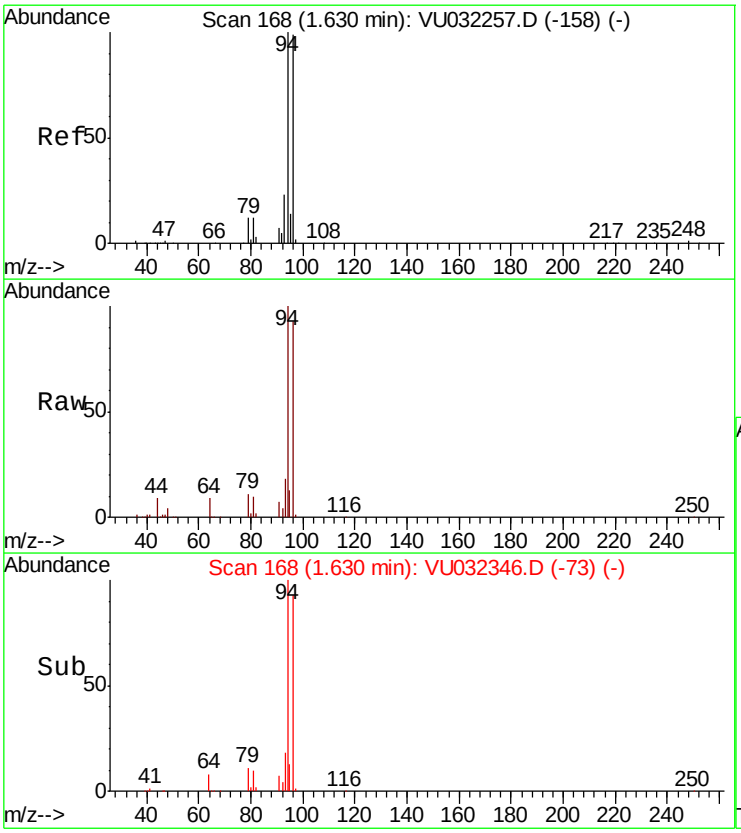
#5
Vinyl chloride
Concen: 4.895 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 62 Resp: 76773

Ion	Ratio	Lower	Upper
62	100		
64	37.8	24.4	45.2

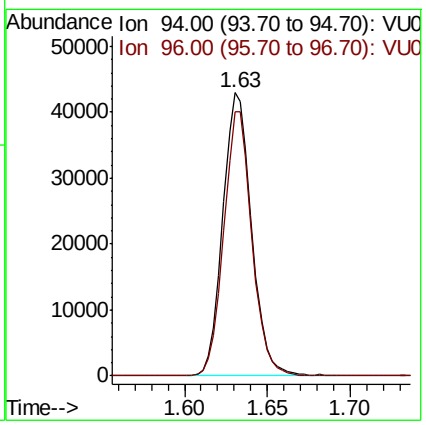


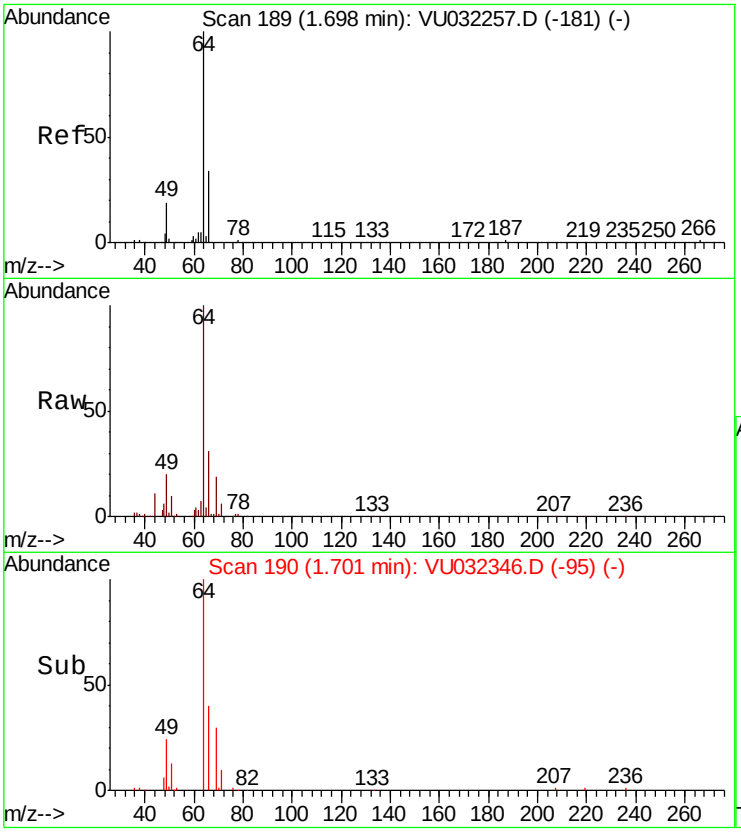


#6
Bromomethane
Concen: 5.201 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.01 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 94 Resp: 51686

Ion	Ratio	Lower	Upper
94	100		
96	93.5	63.0	117.0



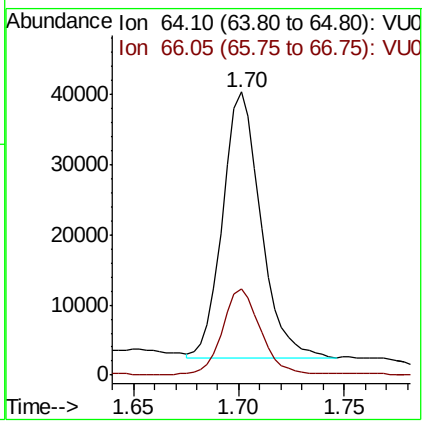


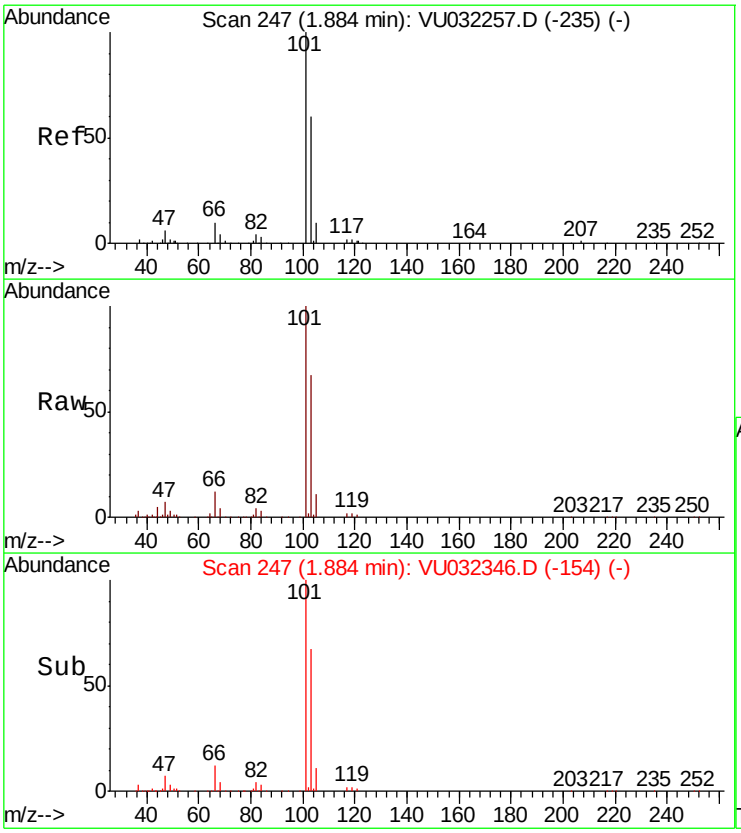
#8
Chloroethane
Concen: 4.790 ug/L
RT: 1.70 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 64 Resp: 47699

Ion	Ratio	Lower	Upper
64	100		
66	30.6	23.1	42.9

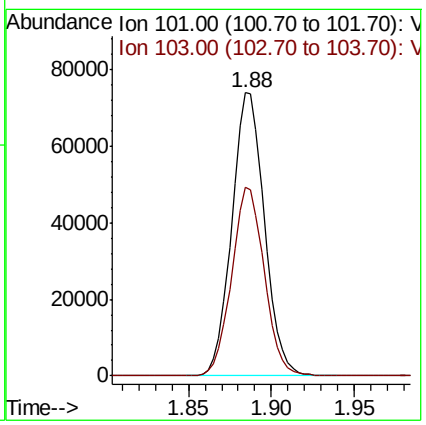


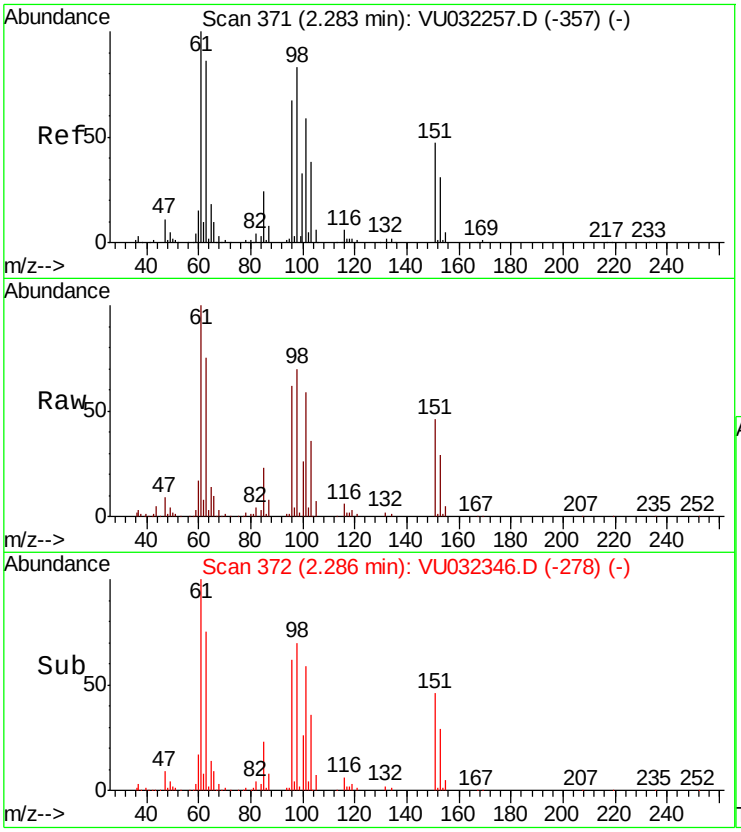


#9
Trichlorofluoromethane
Concen: 4.975 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:101 Resp: 101162

Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.9	77.9



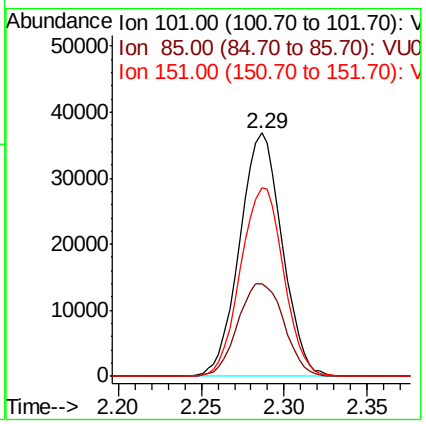


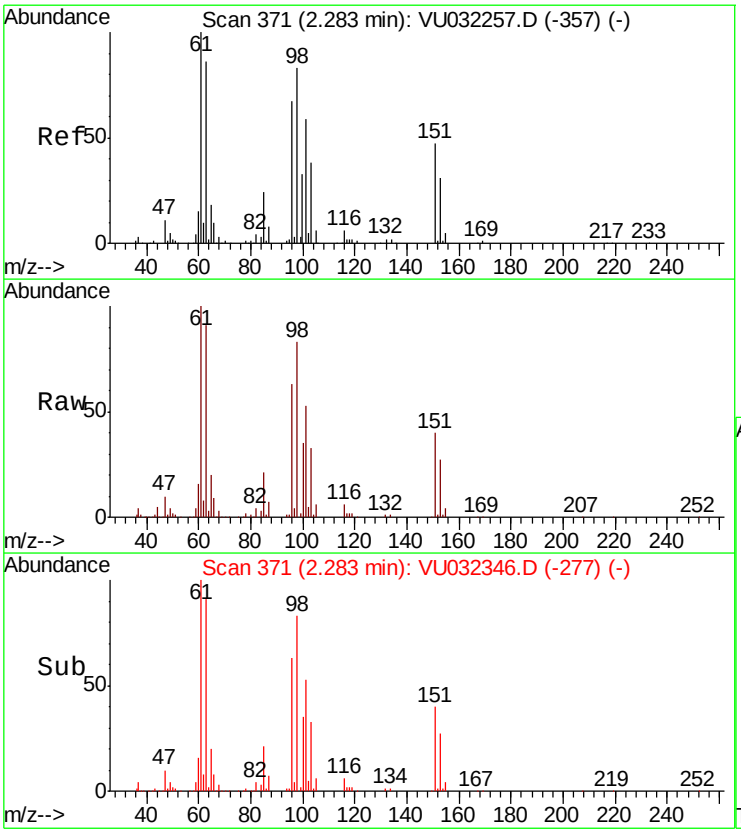
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.109 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:101 Resp: 65563

Ion	Ratio	Lower	Upper
101	100		
85	41.4	34.2	51.4
151	78.7	64.4	96.6

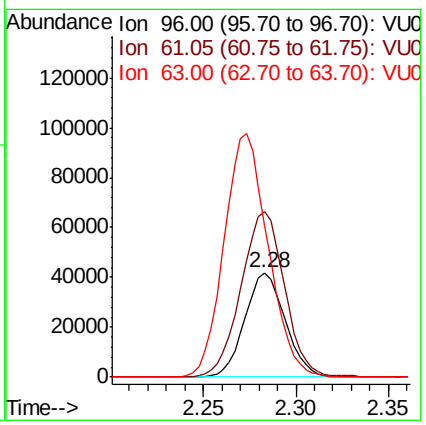


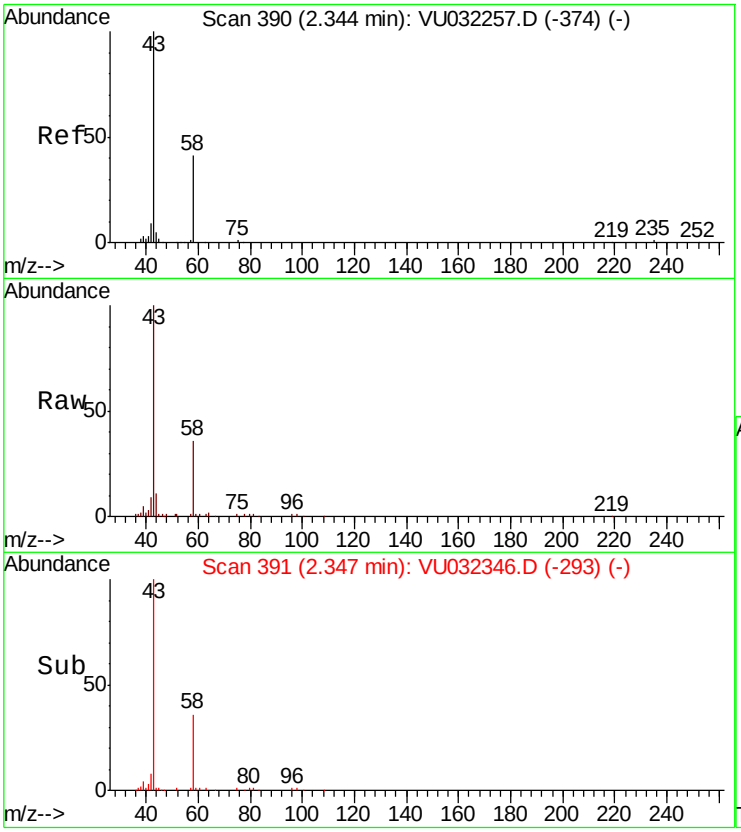


#12
1,1-Dichloroethene
Concen: 4.885 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 96 Resp: 63002

Ion	Ratio	Lower	Upper
96	100		
61	159.5	113.8	211.3
63	145.8	108.8	202.2



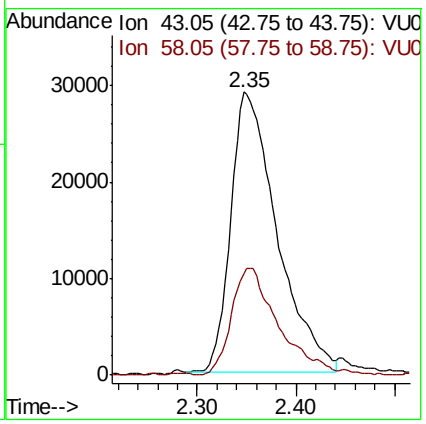


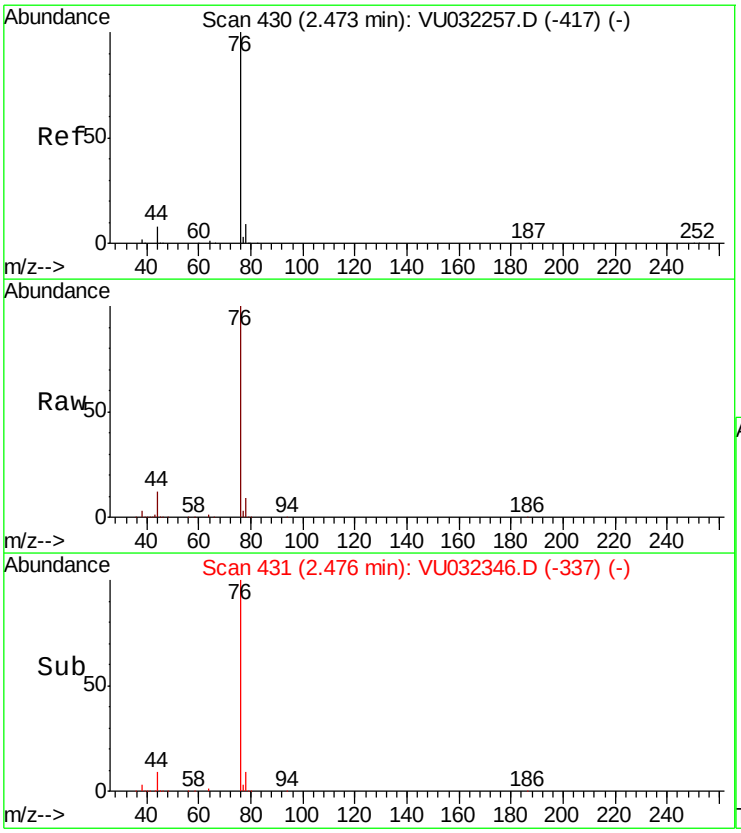
#13
Acetone
Concen: 53.082 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.02 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 43 Resp: 94420

Ion	Ratio	Lower	Upper
43	100		
58	38.5	0.0	72.6

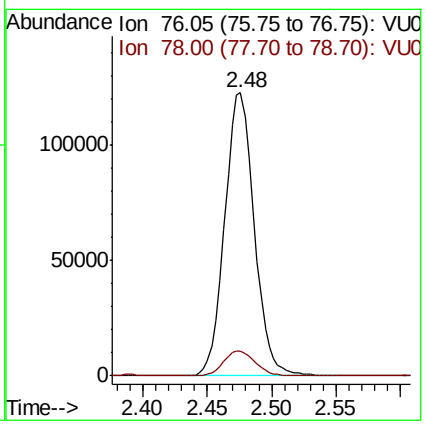


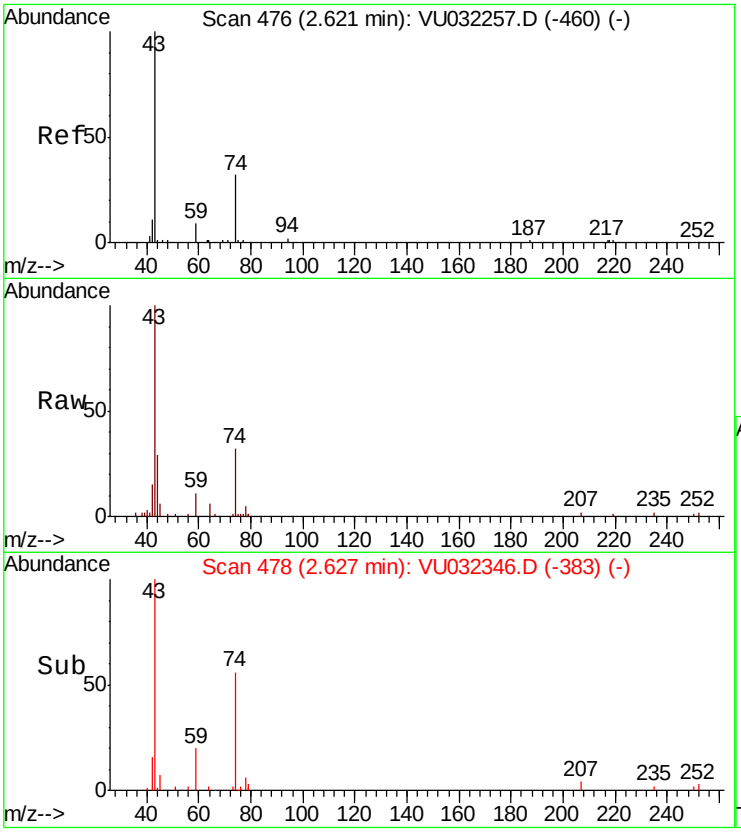


#14
Carbon disulfide
Concen: 4.885 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 76 Resp: 195235

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3



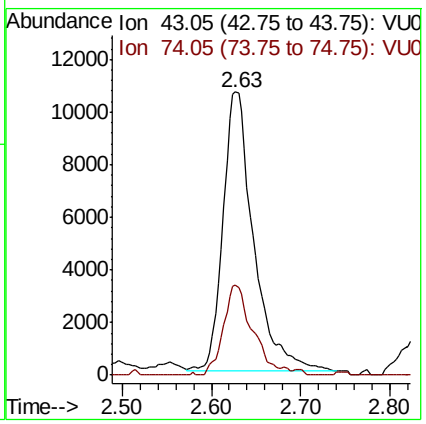


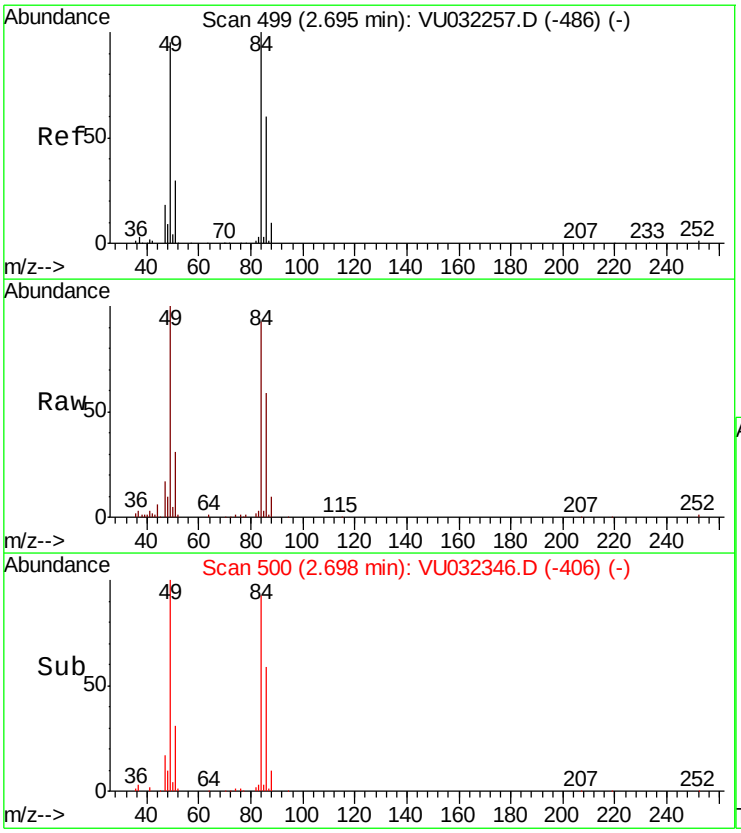
#15
Methyl Acetate
Concen: 4.853 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.01 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 43 Resp: 25331

Ion	Ratio	Lower	Upper
43	100		
74	30.4	27.3	40.9

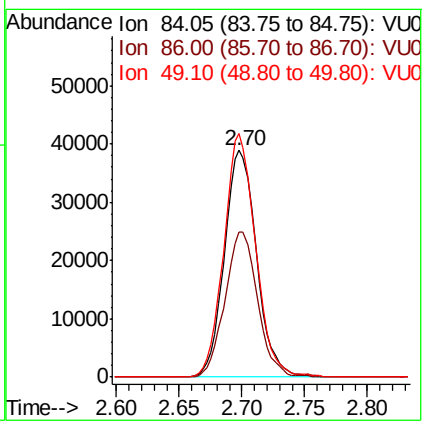


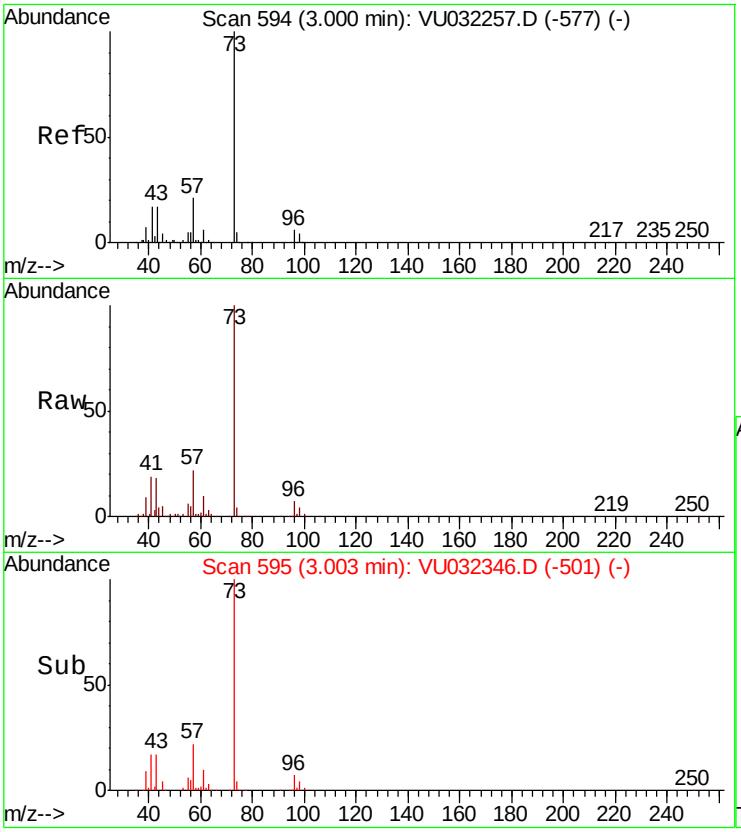


#16
Methylene chloride
Concen: 4.025 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 84 Resp: 69252

Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.6	81.0
49	107.4	71.1	132.1



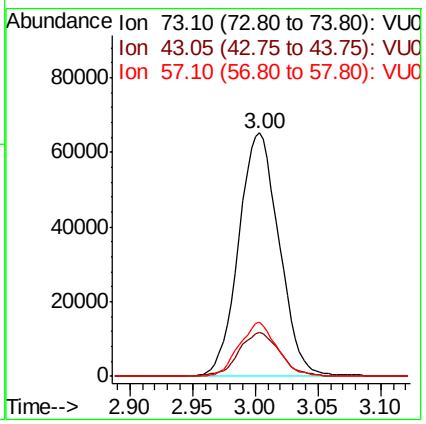


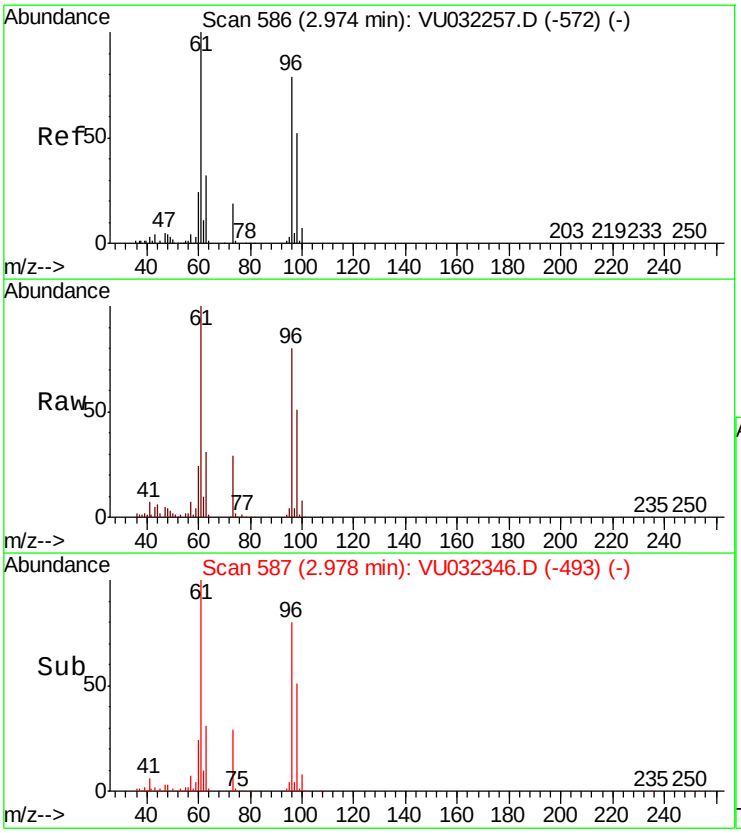
#17
Methyl tert-butyl Ether
Concen: 5.029 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 73 Resp: 146229

Ion	Ratio	Lower	Upper
73	100		
43	17.8	13.8	20.6
57	21.0	16.2	24.4

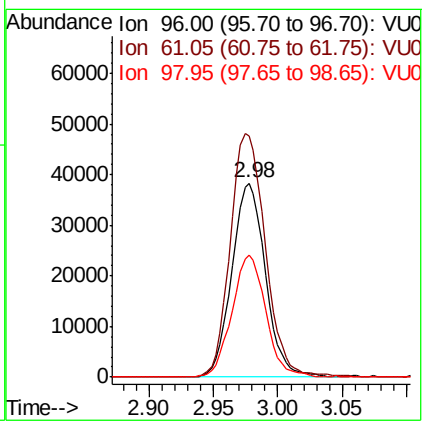


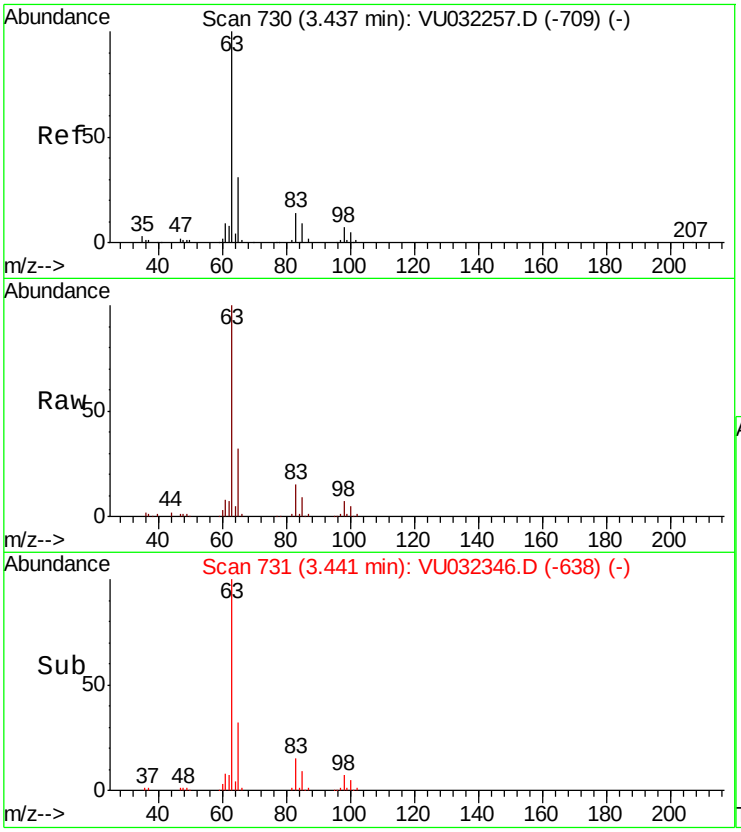


#18
trans-1,2-Dichloroethene
Concen: 5.015 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 96 Resp: 69428

Ion	Ratio	Lower	Upper
96	100		
61	124.2	90.6	168.3
98	63.0	49.5	91.9



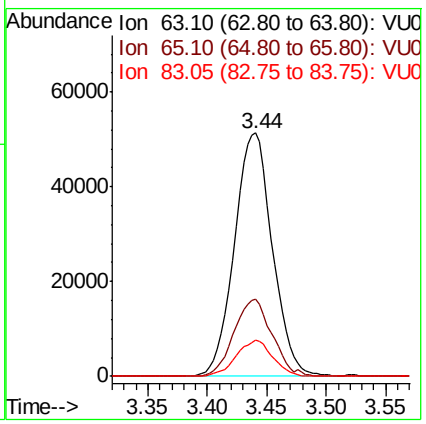


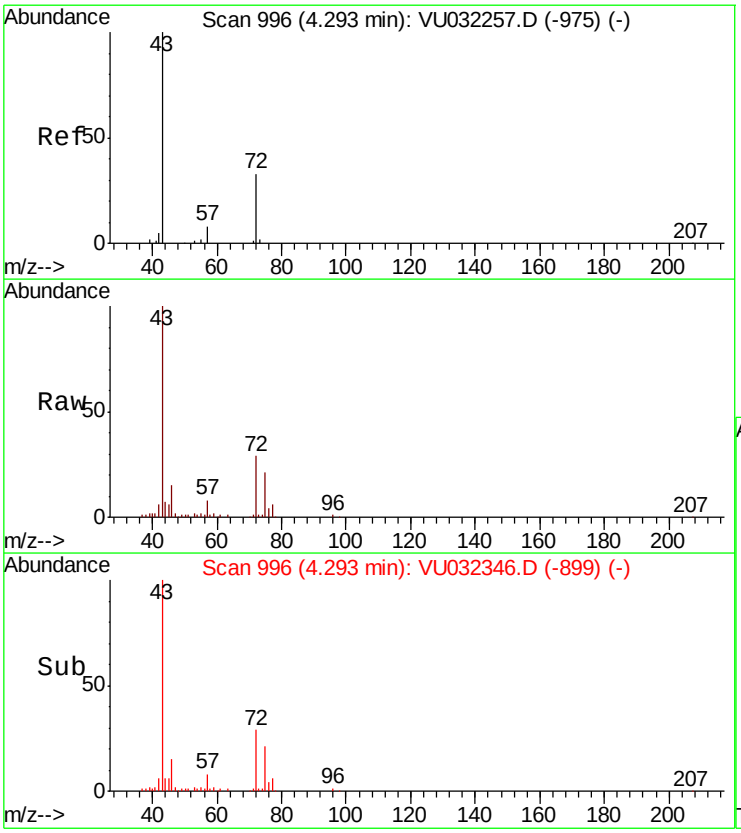
#19
1,1-Dichloroethane
Concen: 5.302 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 63 Resp: 113355

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.5	43.7
83	14.7	8.8	16.3

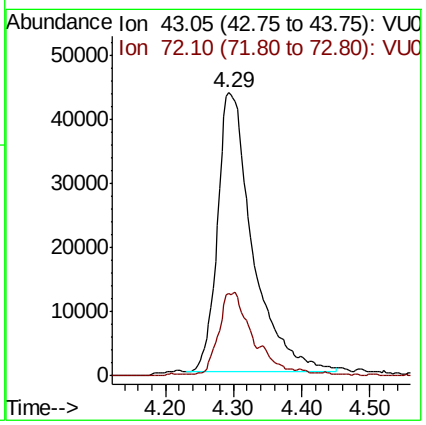


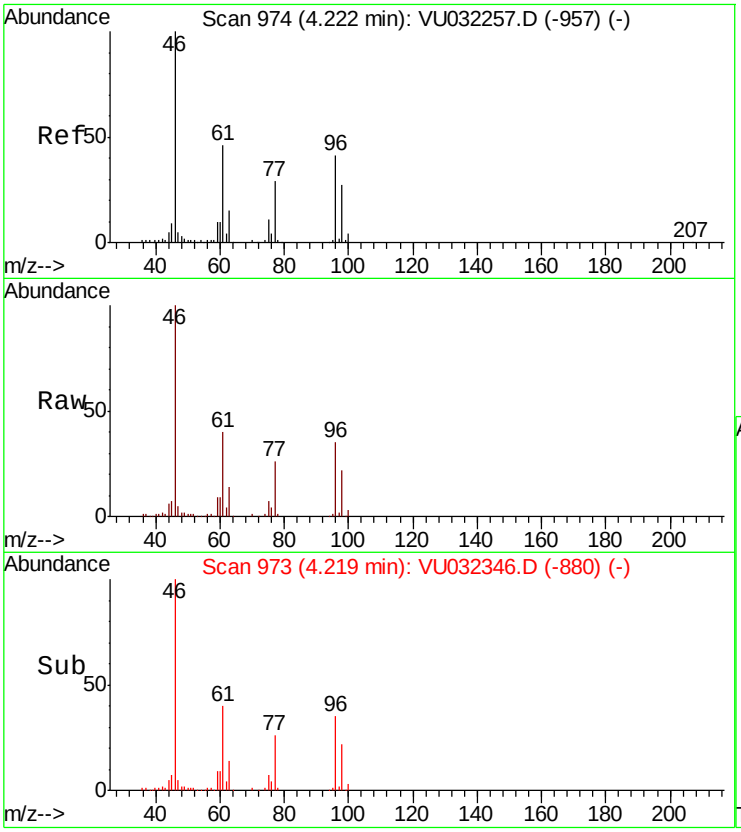


#21
2-Butanone
Concen: 58.394 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.01 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 43 Resp: 156695

Ion	Ratio	Lower	Upper
43	100		
72	23.1	15.2	45.6



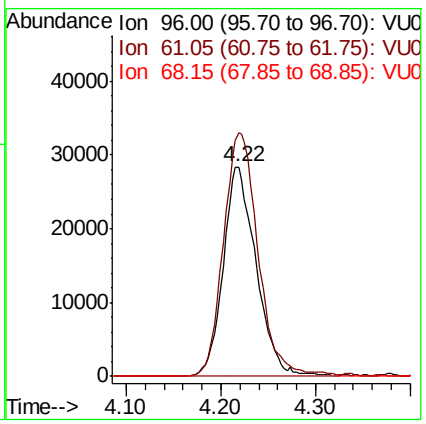


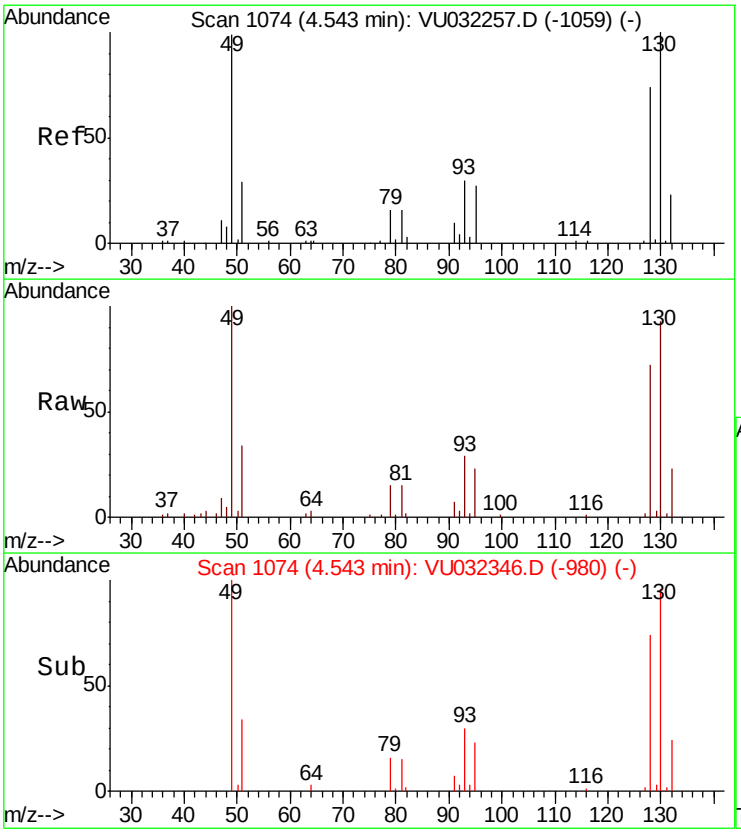
#22
cis-1,2-Dichloroethene
Concen: 5.083 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 96 Resp: 68688

Ion	Ratio	Lower	Upper
96	100		
61	116.3	82.5	153.1
68	0.0	0.0	0.0

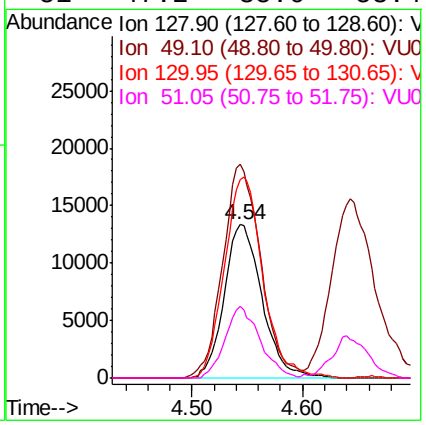


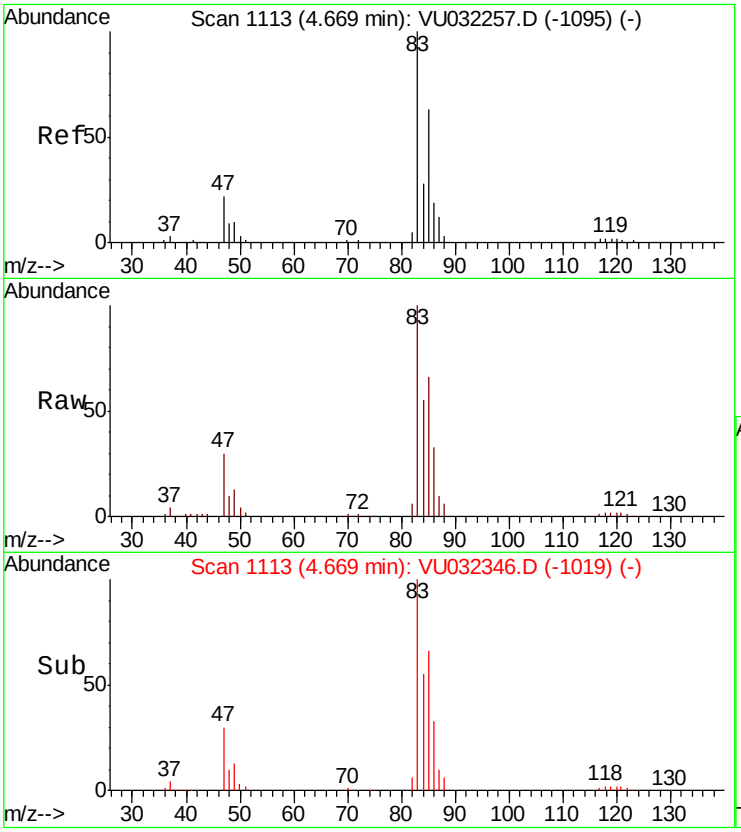


#23
Bromochloromethane
Concen: 5.310 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:128 Resp: 31712

Ion	Ratio	Lower	Upper
128	100		
49	139.3	93.9	174.3
130	129.1	85.3	158.3
51	47.2	35.6	53.4



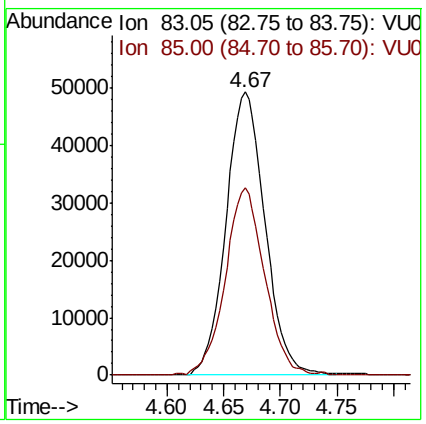


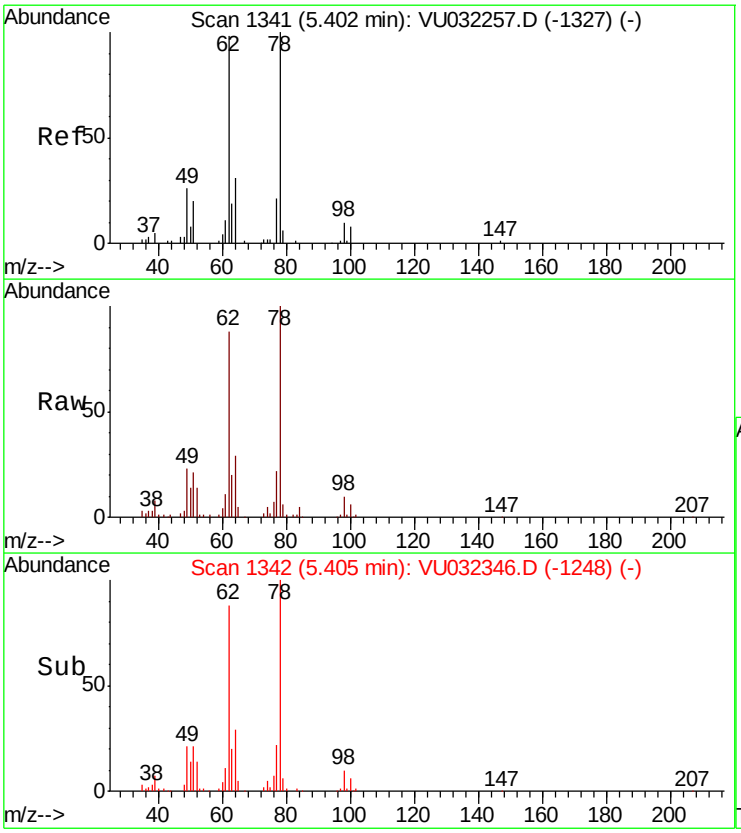
#25
Chloroform
Concen: 5.128 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 83 Resp: 118402

Ion	Ratio	Lower	Upper
83	100		
85	66.2	41.6	77.3

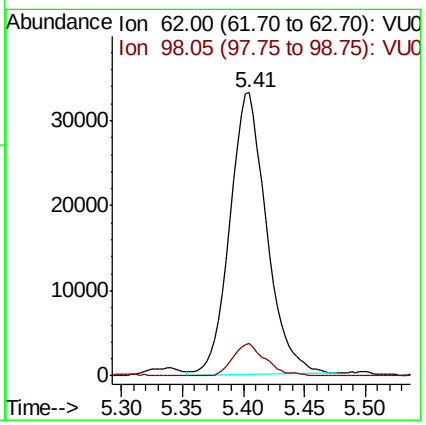


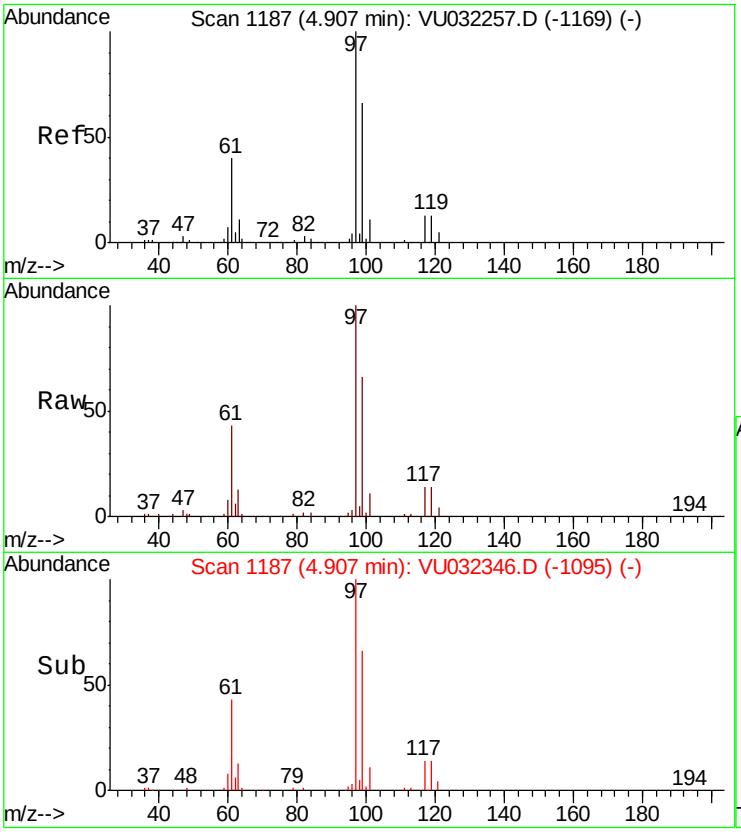


#27
1,2-Dichloroethane
Concen: 5.151 ug/L
RT: 5.41 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 62 Resp: 69218

Ion	Ratio	Lower	Upper
62	100		
98	11.3	8.2	12.2



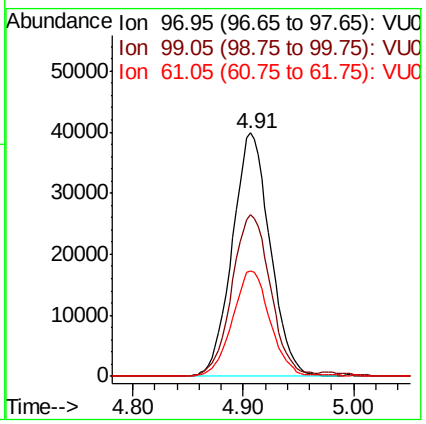


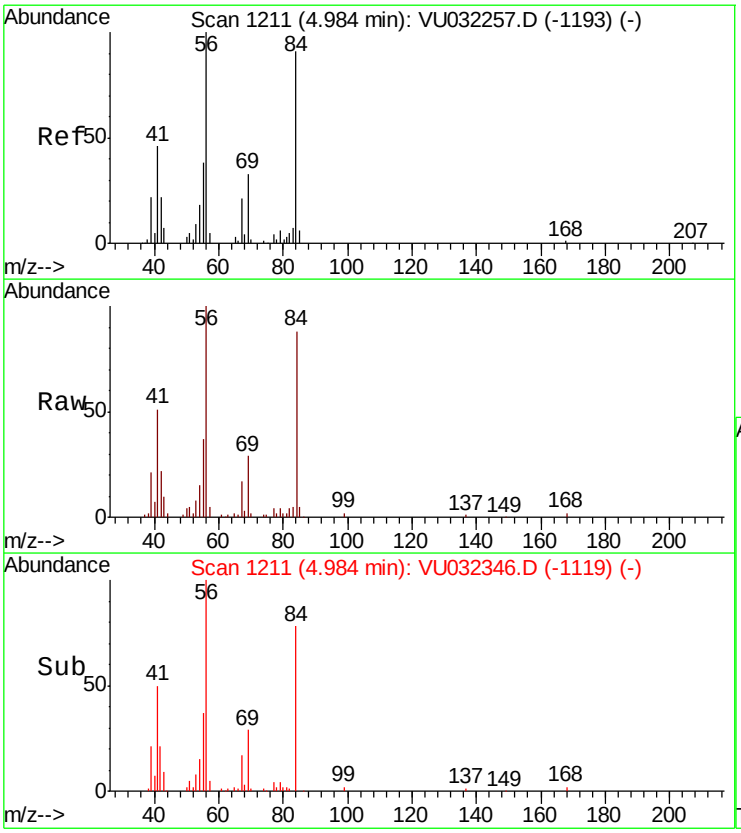
#29
1,1,1-Trichloroethane
Concen: 5.123 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 97 Resp: 94350

Ion	Ratio	Lower	Upper
97	100		
99	67.8	50.3	75.5
61	43.0	34.1	51.1

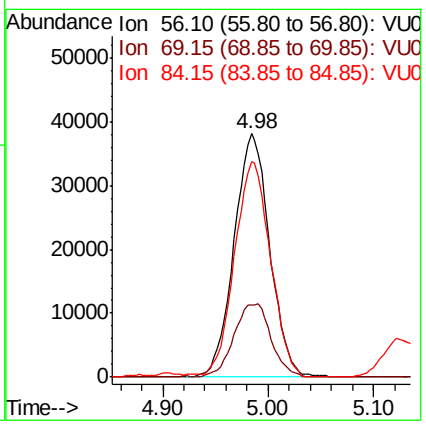


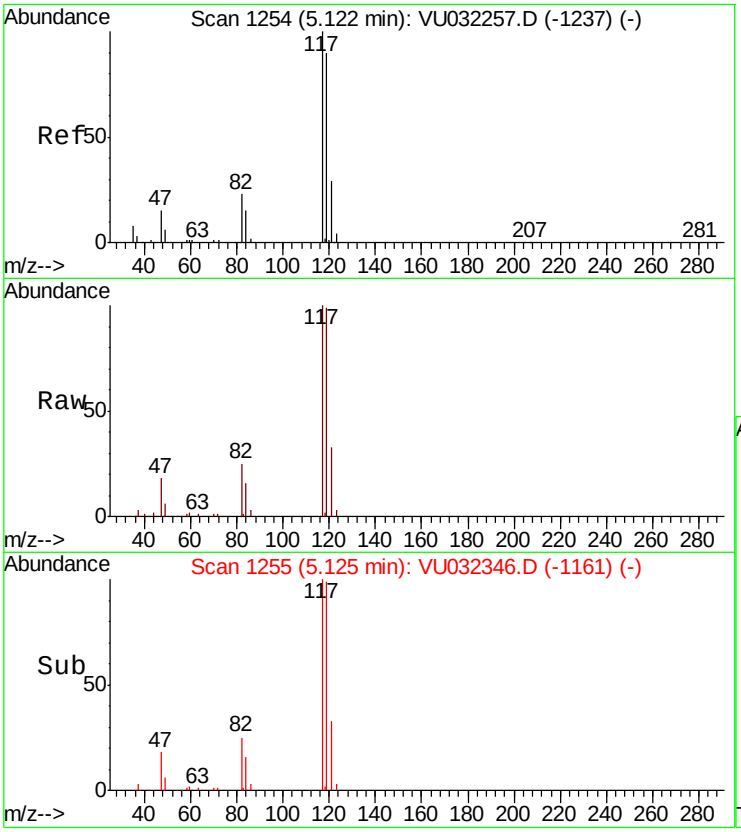


#30
Cyclohexane
Concen: 5.196 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 56 Resp: 89470

Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.6	39.8
84	88.7	75.0	112.6



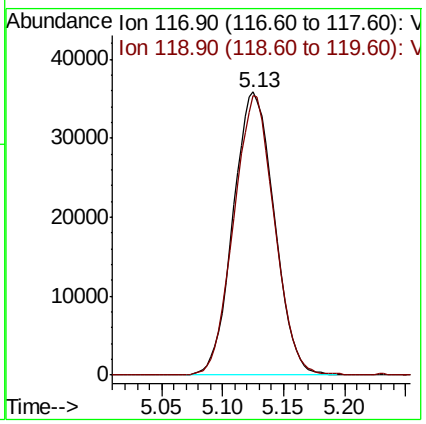


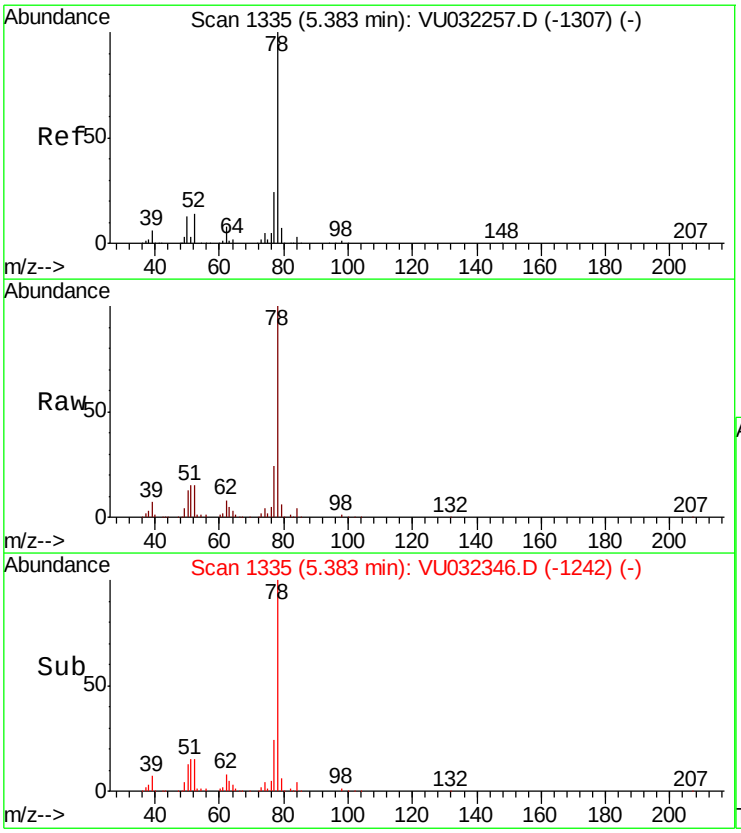
#31
Carbon tetrachloride
Concen: 5.144 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:117 Resp: 83457

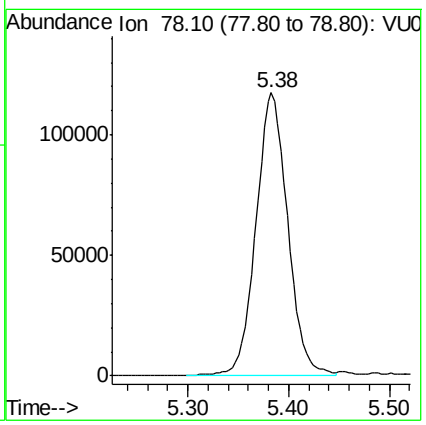
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3

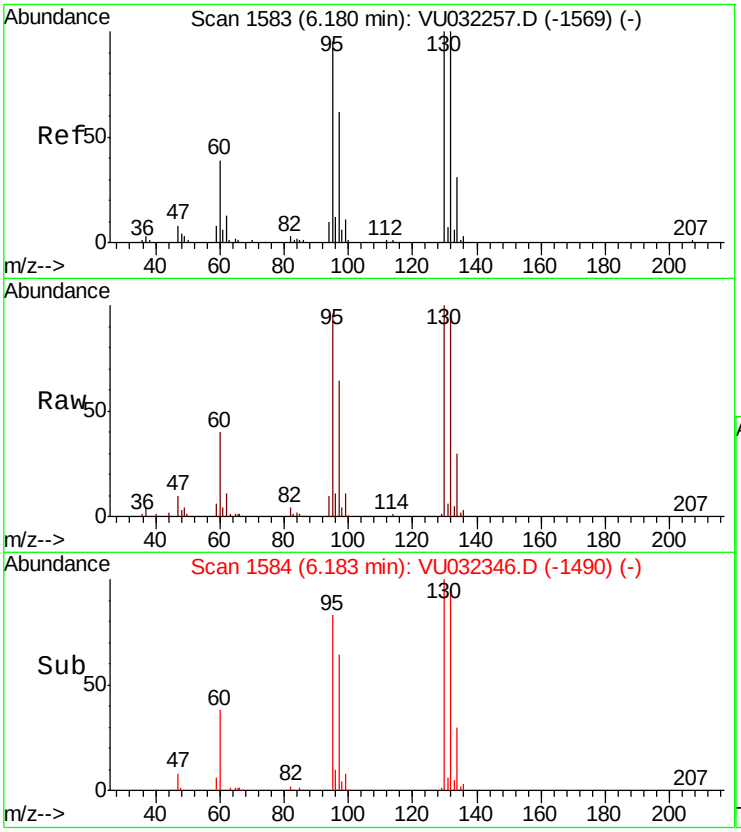




#33
Benzene
Concen: 5.354 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 78 Resp: 257005



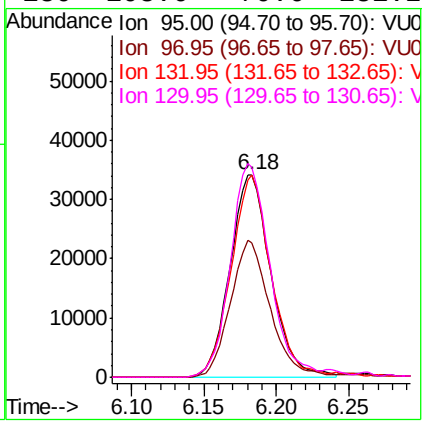


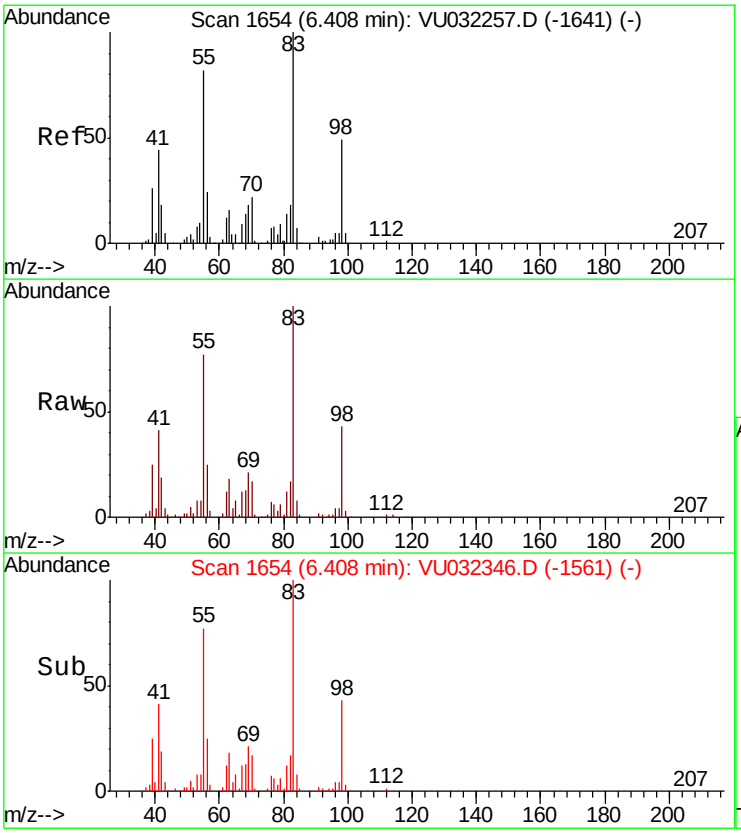
#34
Trichloroethene
Concen: 5.185 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 95 Resp: 66792

Ion	Ratio	Lower	Upper
95	100		
97	66.4	39.9	74.1
132	99.6	65.9	122.5
130	103.6	70.6	131.2

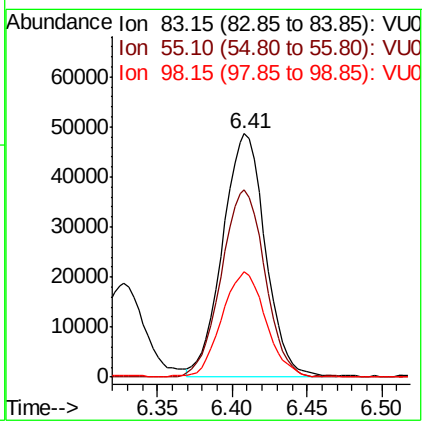


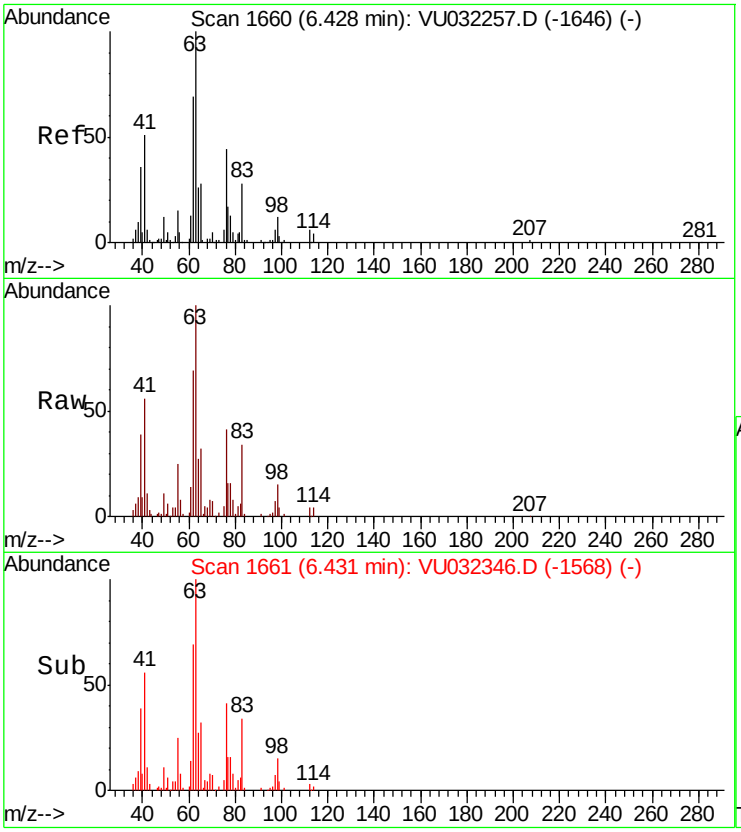


#35
Methylcyclohexane
Concen: 5.077 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 83 Resp: 96334

Ion	Ratio	Lower	Upper
83	100		
55	79.0	59.7	89.5
98	44.8	37.5	56.3



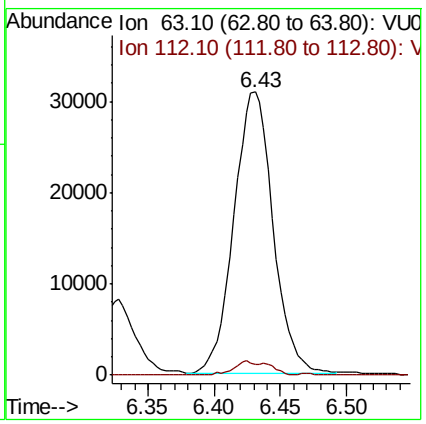


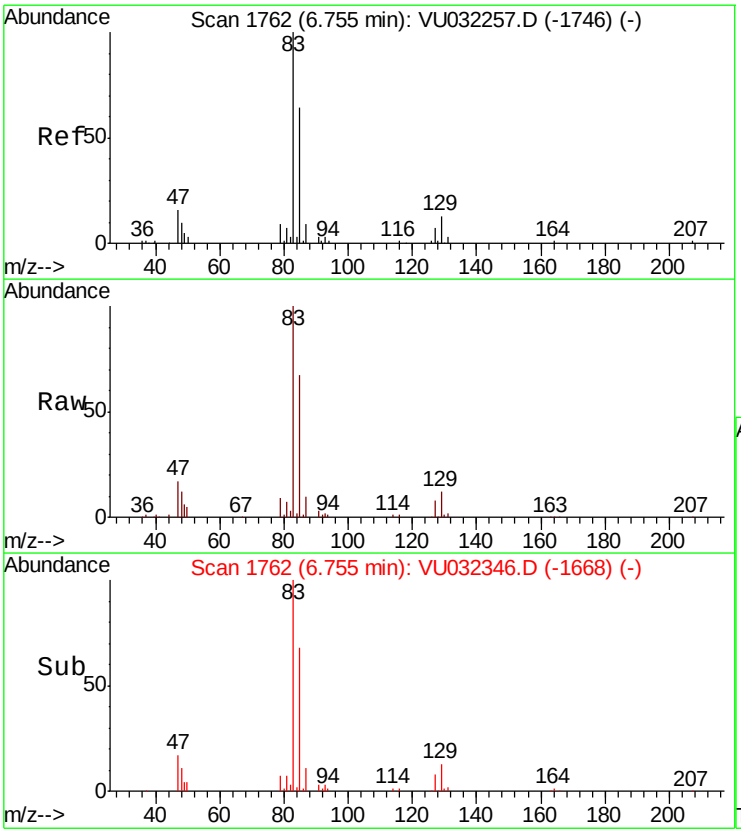
#37
1,2-Dichloropropane
Concen: 5.494 ug/L
RT: 6.43 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 63 Resp: 63495

Ion	Ratio	Lower	Upper
63	100		
112	2.7	3.8	5.8#

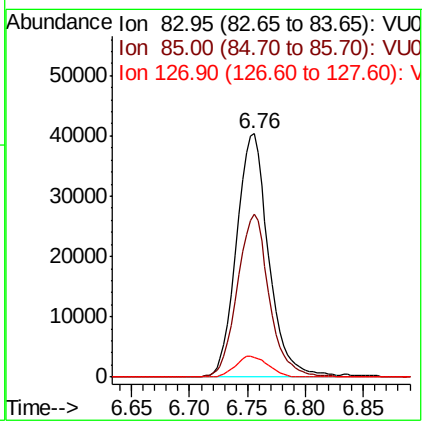


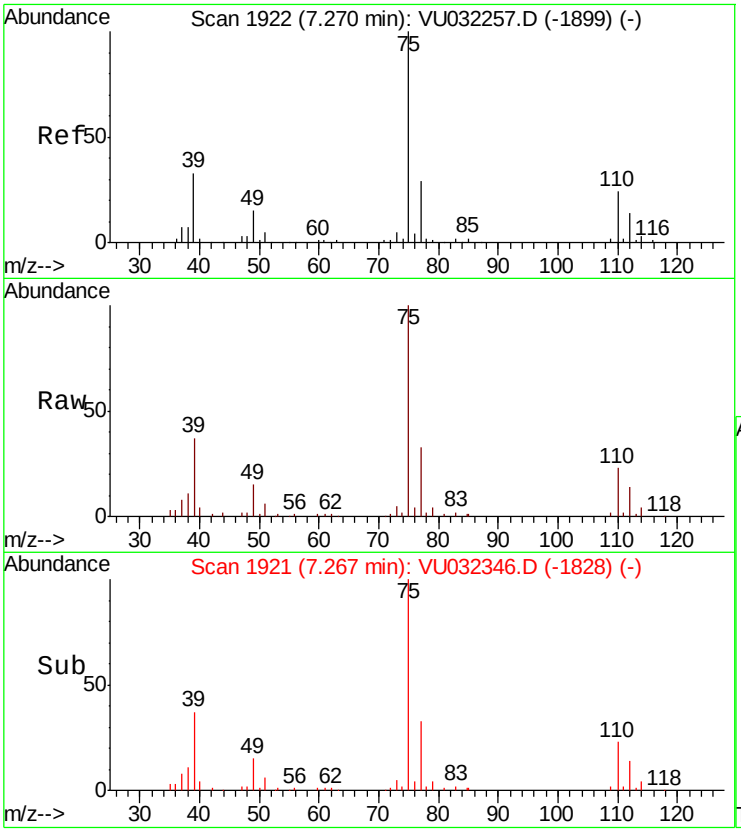


#38
Bromodichloromethane
Concen: 5.181 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 83 Resp: 77817

Ion	Ratio	Lower	Upper
83	100		
85	66.9	44.4	82.4
127	8.1	7.0	10.6



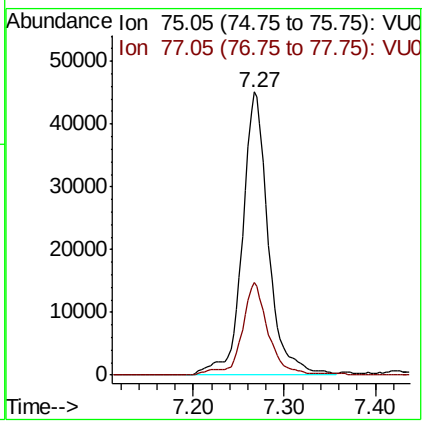


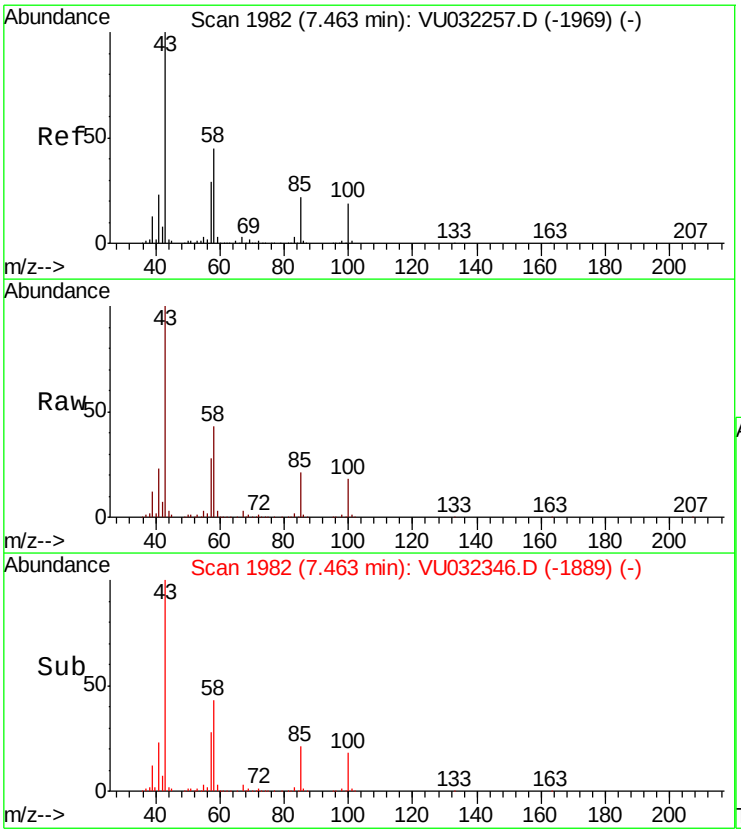
#39
cis-1,3-Dichloropropene
Concen: 5.451 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 75 Resp: 89695

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.6	42.0

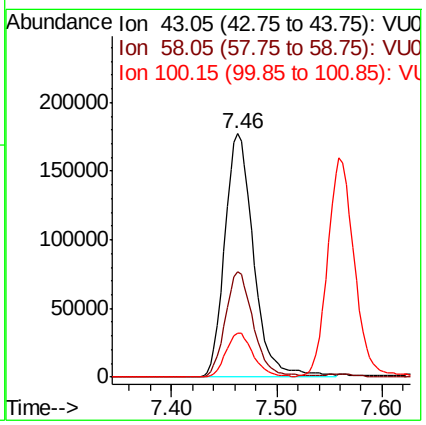


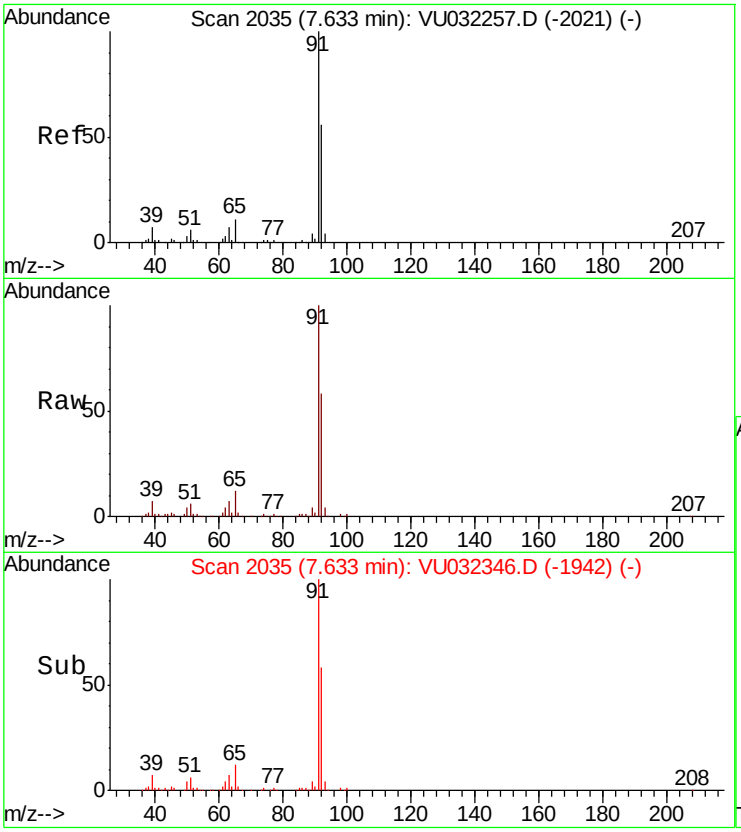


#40
4-Methyl-2-pentanone
Concen: 57.412 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 43 Resp: 335381

Ion	Ratio	Lower	Upper
43	100		
58	42.4	35.8	53.6
100	17.4	14.6	22.0



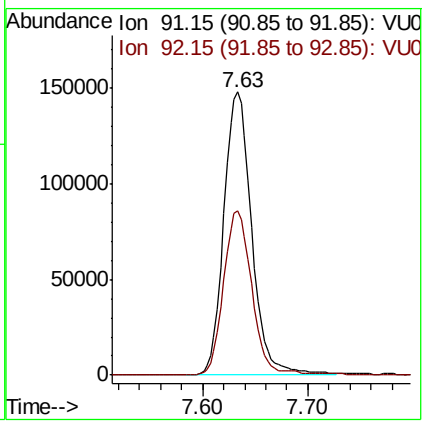


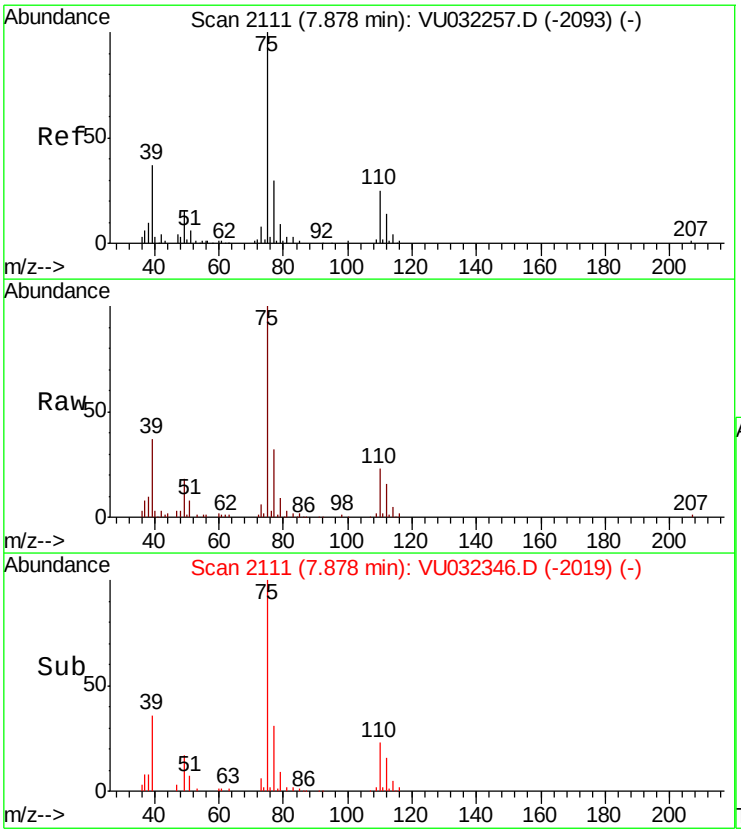
#42
Toluene
Concen: 5.322 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 91 Resp: 271413

Ion	Ratio	Lower	Upper
91	100		
92	58.0	38.5	71.5

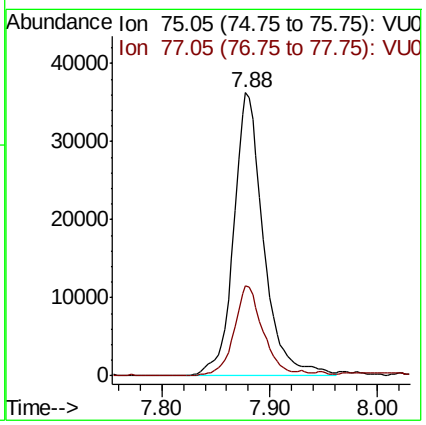


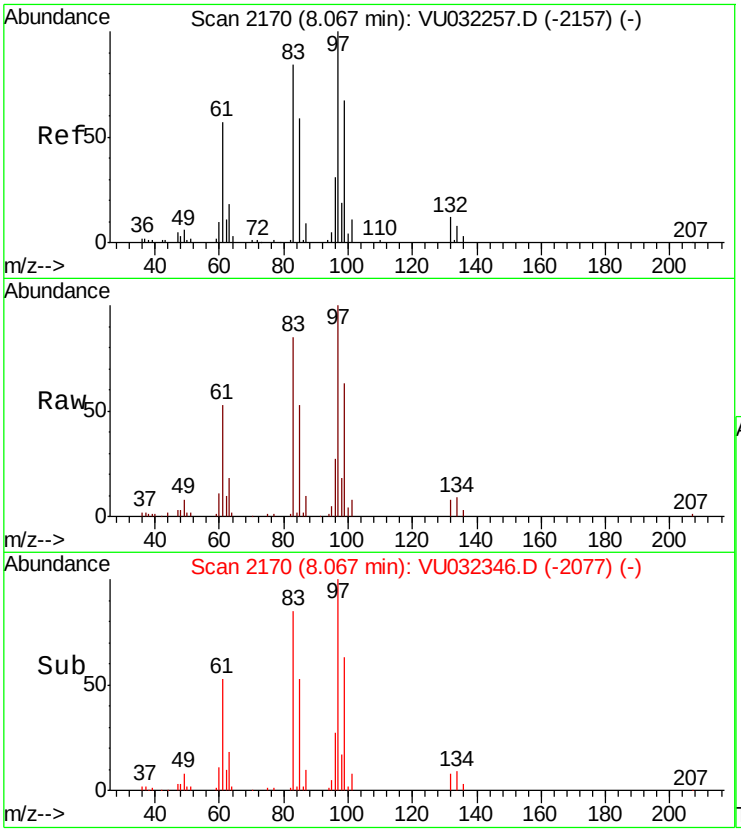


#44
trans-1,3-Dichloropropene
Concen: 5.395 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 75 Resp: 69759

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.5	41.9



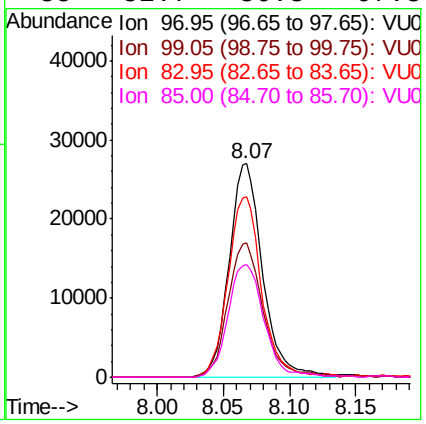


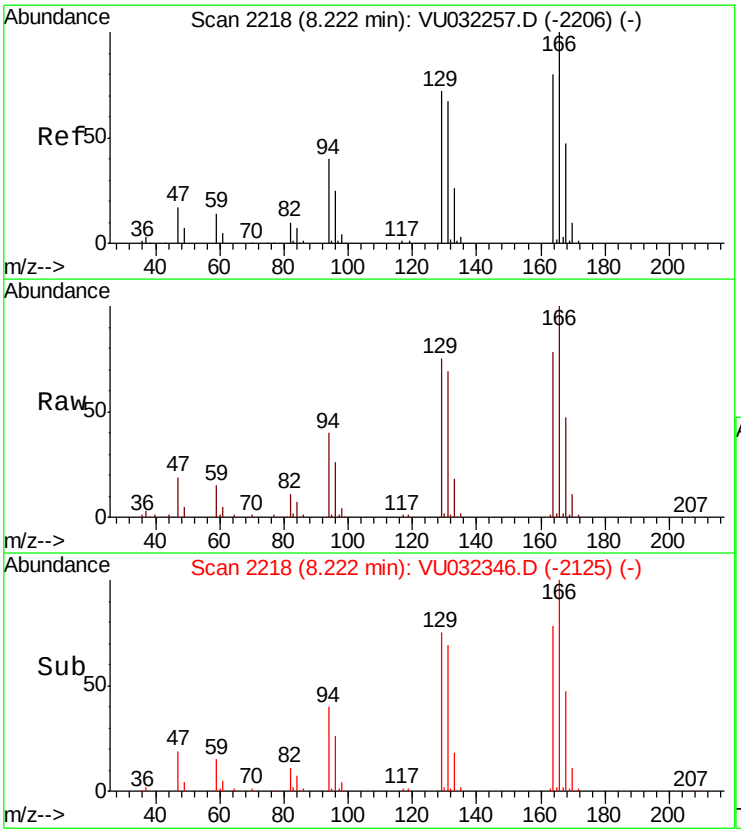
#45
1,1,2-Trichloroethane
Concen: 5.301 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 97 Resp: 47304

Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.2	82.0
83	84.7	60.5	112.3
85	52.7	36.3	67.3

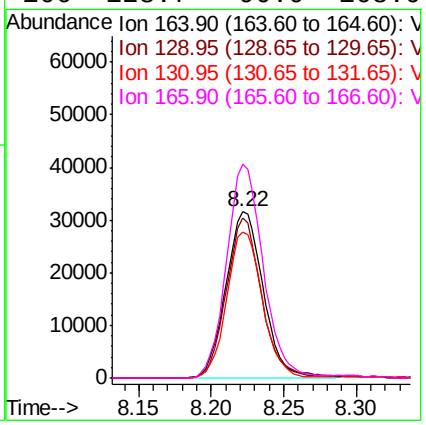


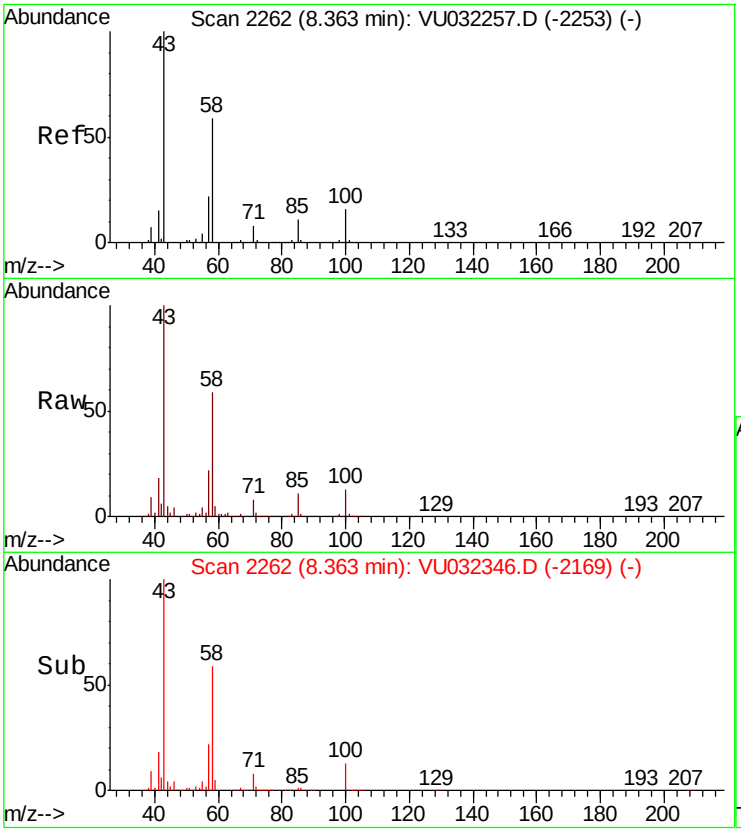


#47
Tetrachloroethene
Concen: 5.308 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:164 Resp: 56448

Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.1	124.7
131	88.3	62.2	115.4
166	128.7	90.9	168.9



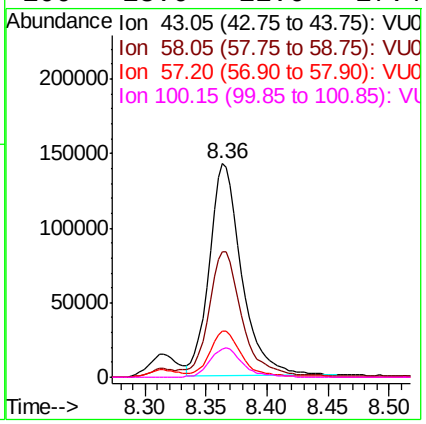


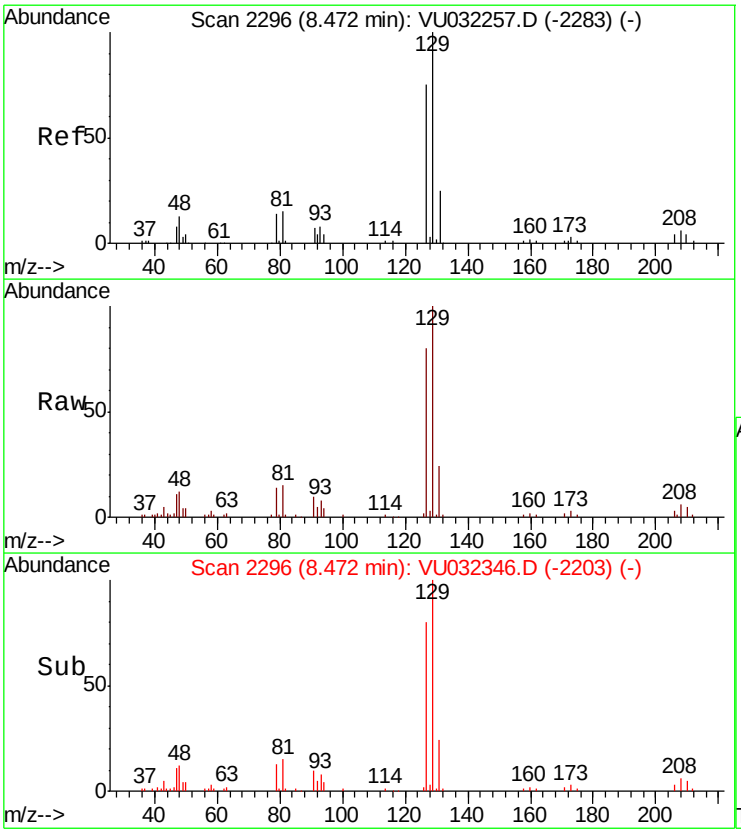
#48
2-Hexanone
Concen: 59.258 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 43 Resp: 265506

Ion	Ratio	Lower	Upper
43	100		
58	58.2	49.7	74.5
57	21.6	17.1	25.7
100	13.6	11.6	17.4

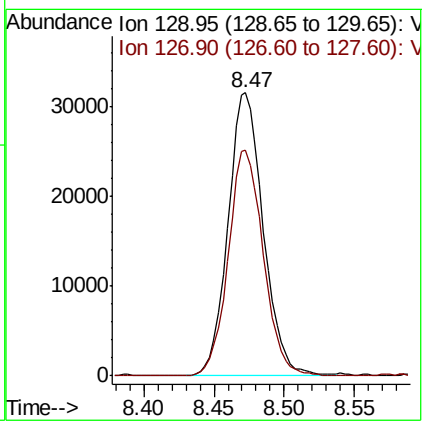


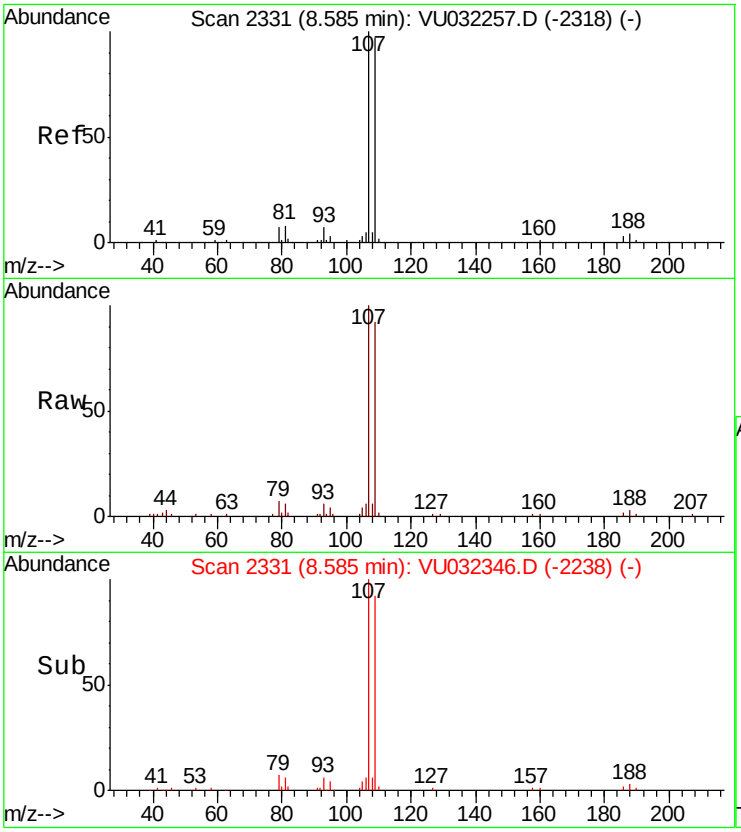


#49
Dibromochloromethane
Concen: 5.433 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:129 Resp: 55185

Ion	Ratio	Lower	Upper
129	100		
127	79.9	51.7	95.9



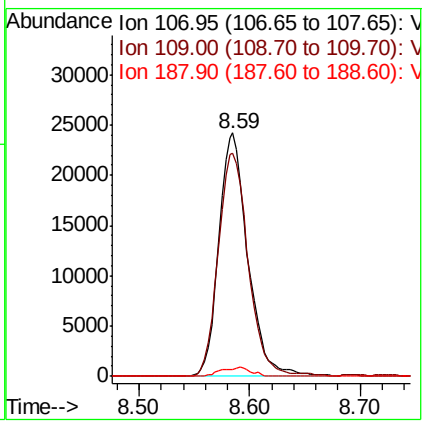


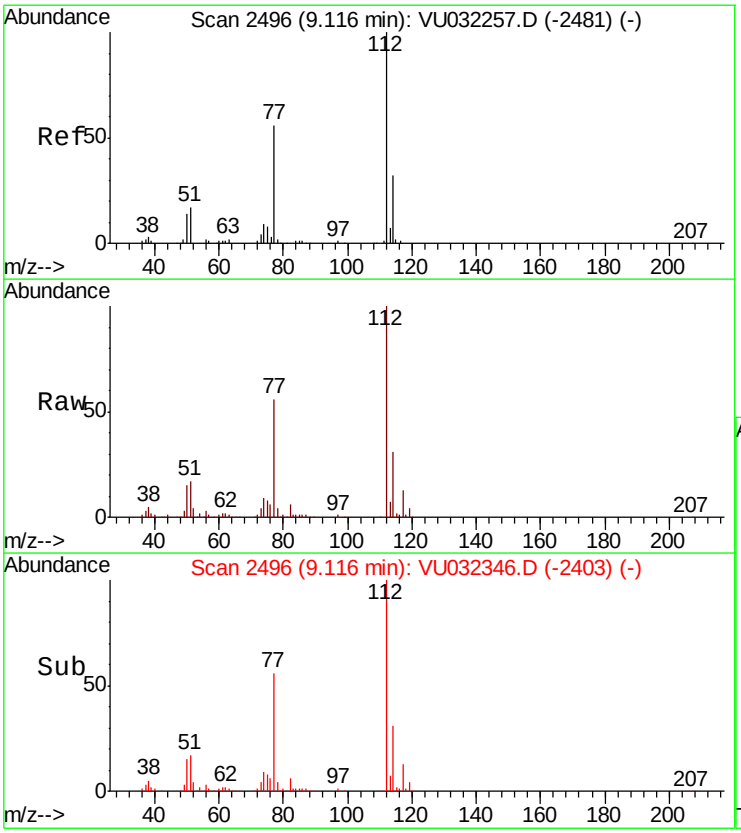
#50
1,2-Dibromoethane
Concen: 5.229 ug/L
RT: 8.59 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:107 Resp: 43995

Ion	Ratio	Lower	Upper
107	100		
109	91.7	65.8	122.2
188	2.9	2.6	3.8

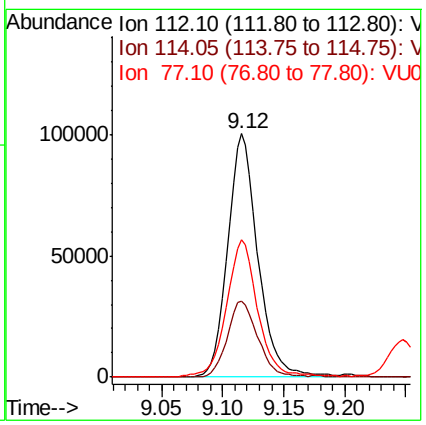


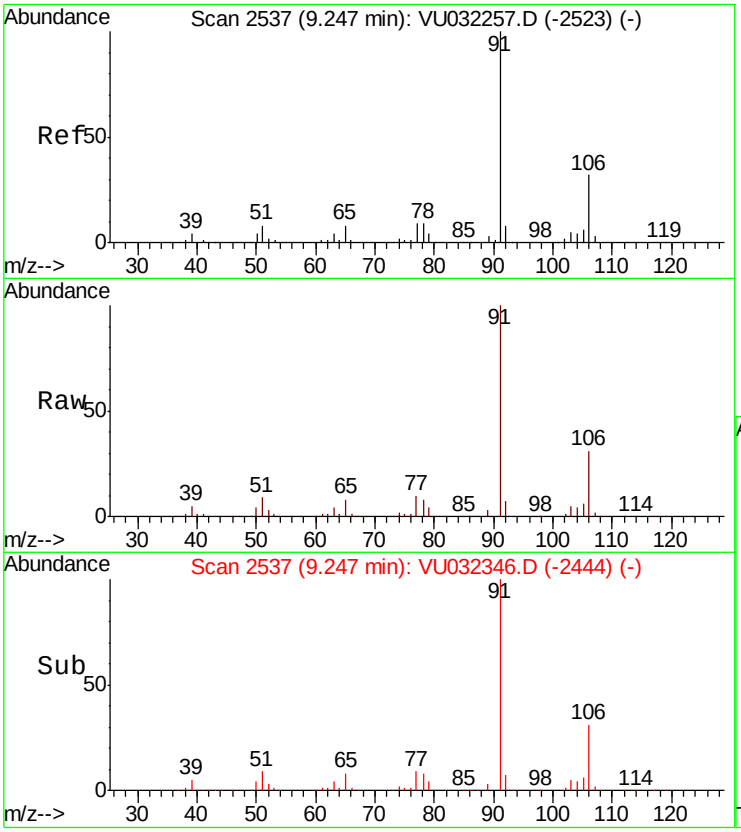


#51
Chlorobenzene
Concen: 5.313 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:112 Resp: 173428

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.6	42.0
77	56.4	46.8	70.2



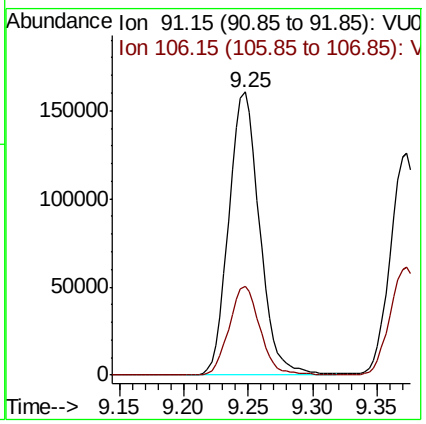


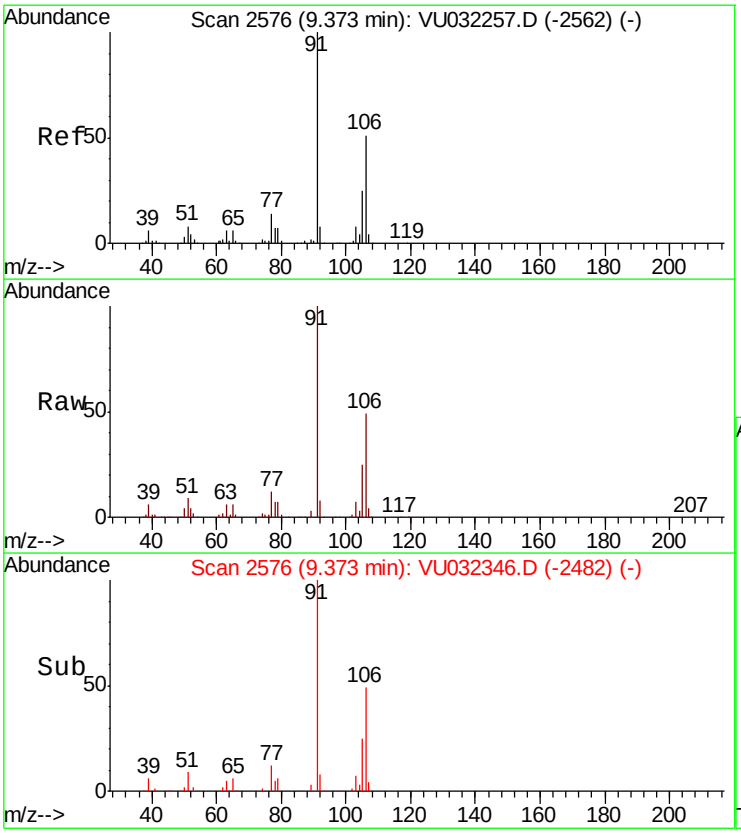
#52
Ethylbenzene
Concen: 5.203 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion: 91 Resp: 267110

Ion	Ratio	Lower	Upper
91	100		
106	31.2	20.9	38.9

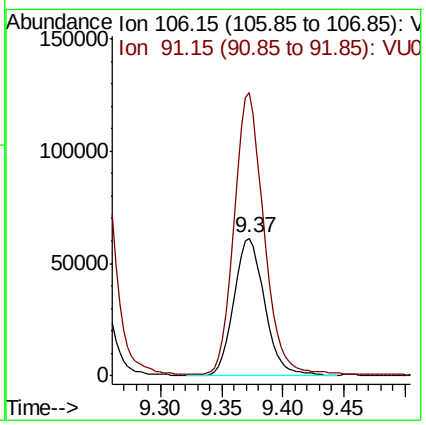


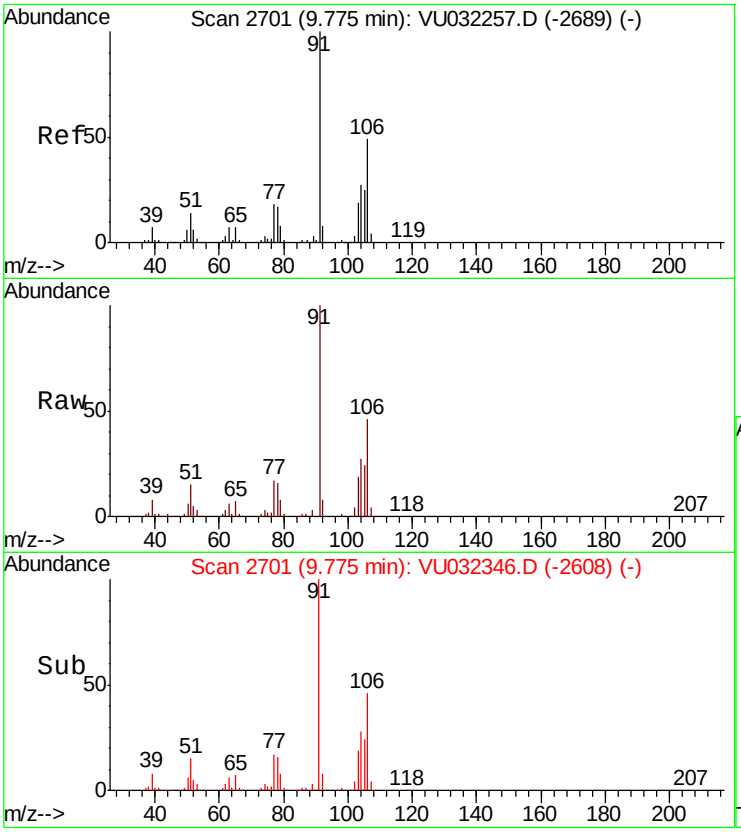


#53
m,p-Xylene
Concen: 5.578 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:106 Resp: 106485

Ion	Ratio	Lower	Upper
106	100		
91	205.6	143.9	267.2



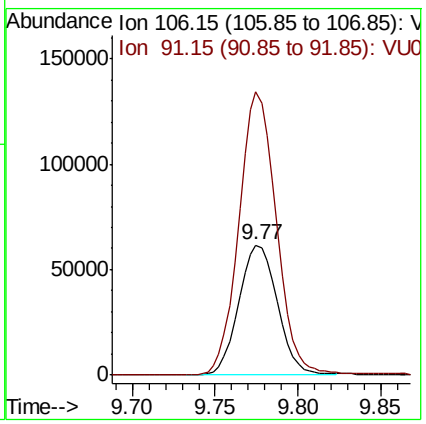


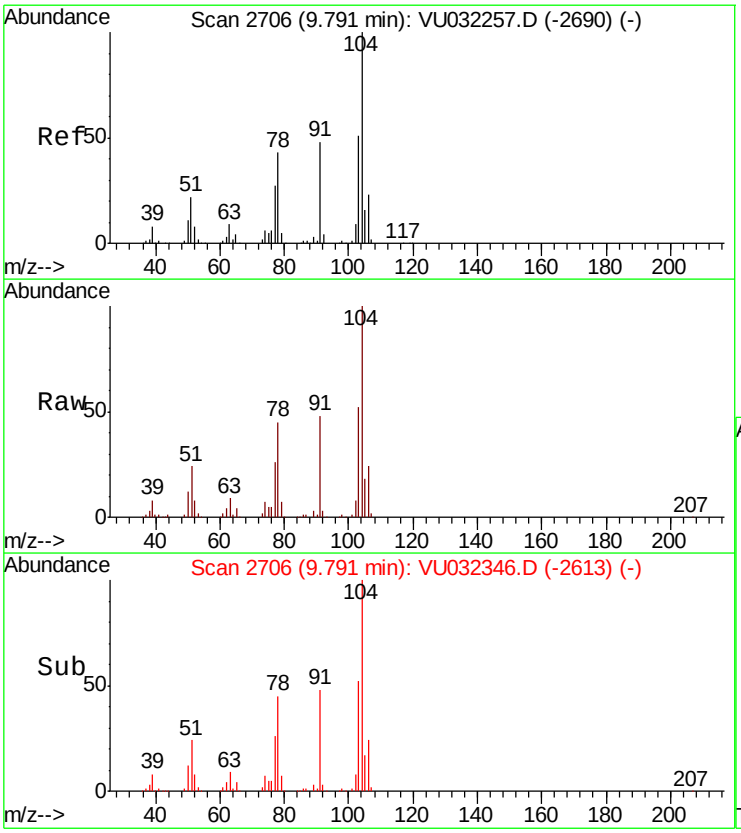
#54
o-Xylene
Concen: 5.239 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:106 Resp: 99930

Ion	Ratio	Lower	Upper
106	100		
91	217.3	147.8	274.4

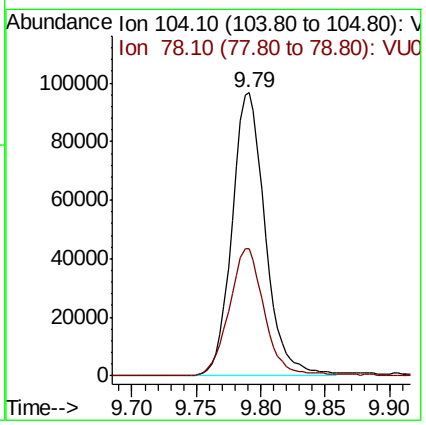


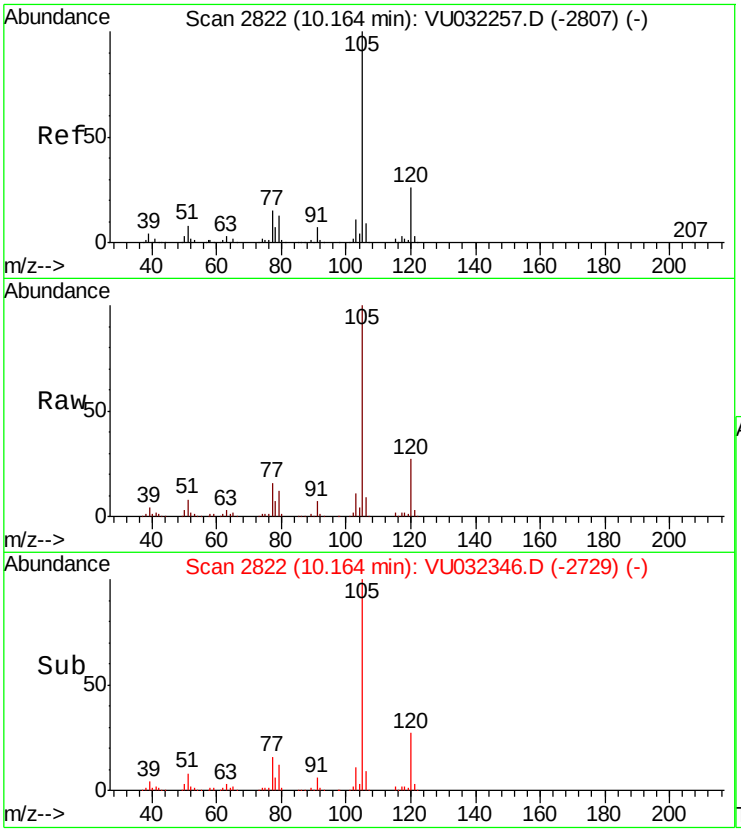


#55
Styrene
Concen: 5.418 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:104 Resp: 172934

Ion	Ratio	Lower	Upper
104	100		
78	44.9	30.3	56.3



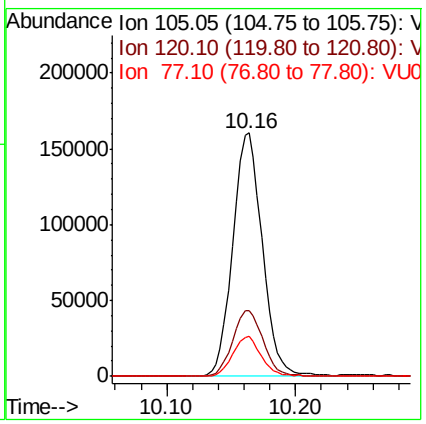


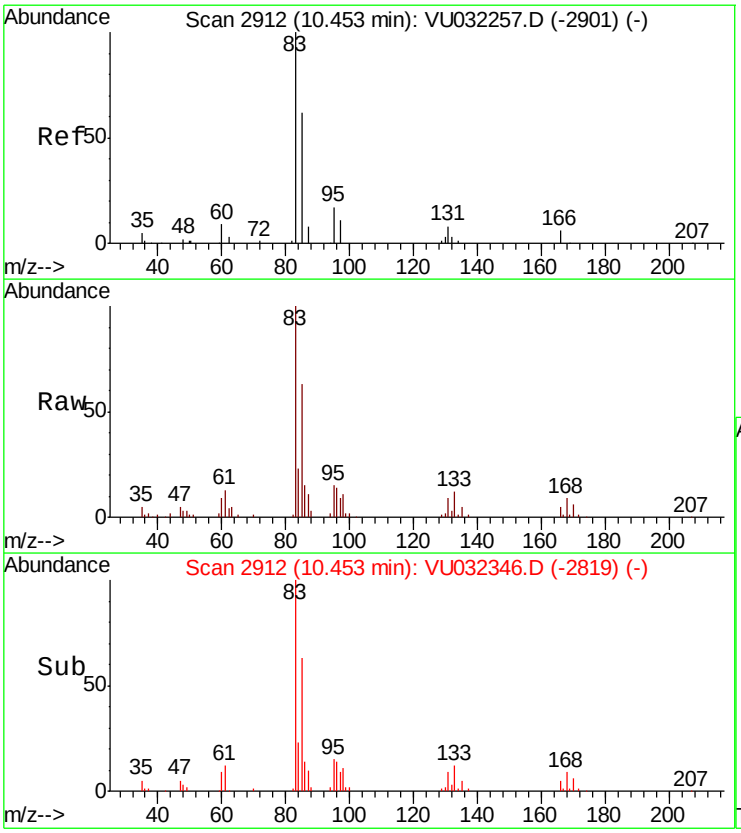
#56
Isopropylbenzene
Concen: 5.305 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:105 Resp: 255860

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.0	31.6
77	16.0	11.9	17.9

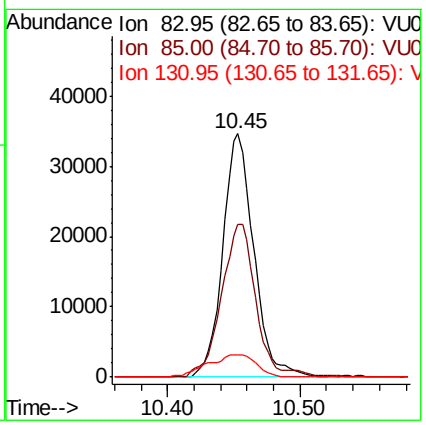


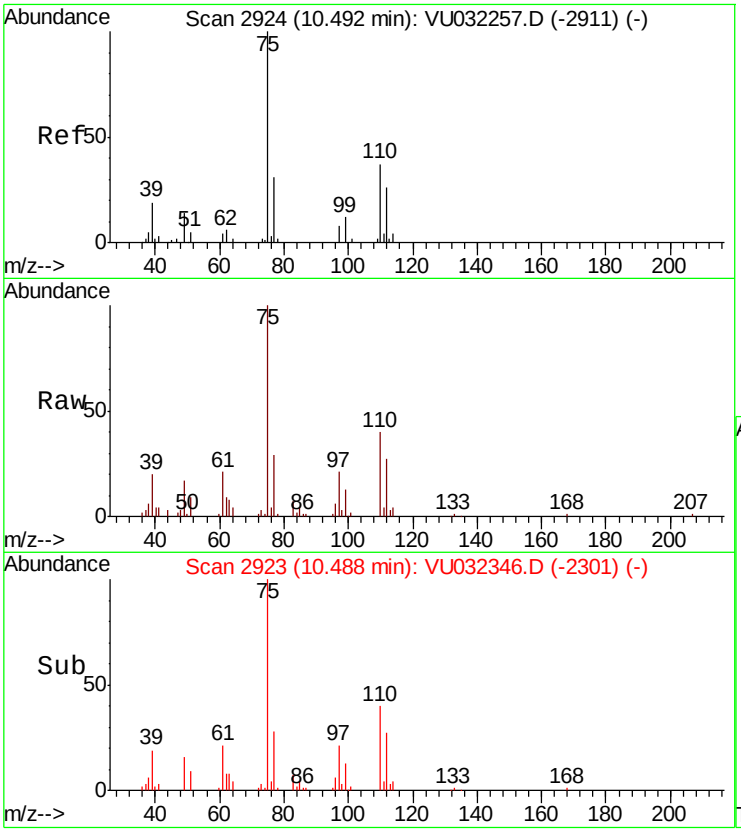


#58
1,1,2,2-Tetrachloroethane
Concen: 5.235 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 83 Resp: 56268

Ion	Ratio	Lower	Upper
83	100		
85	62.8	46.5	86.3
131	8.9	7.8	11.6



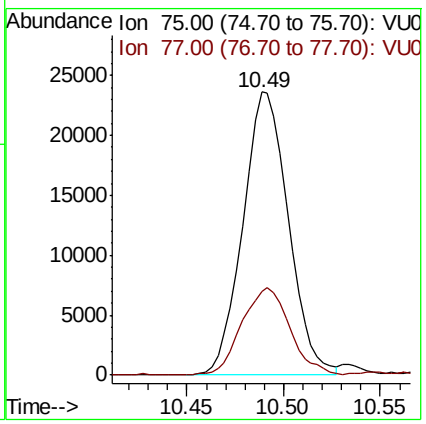


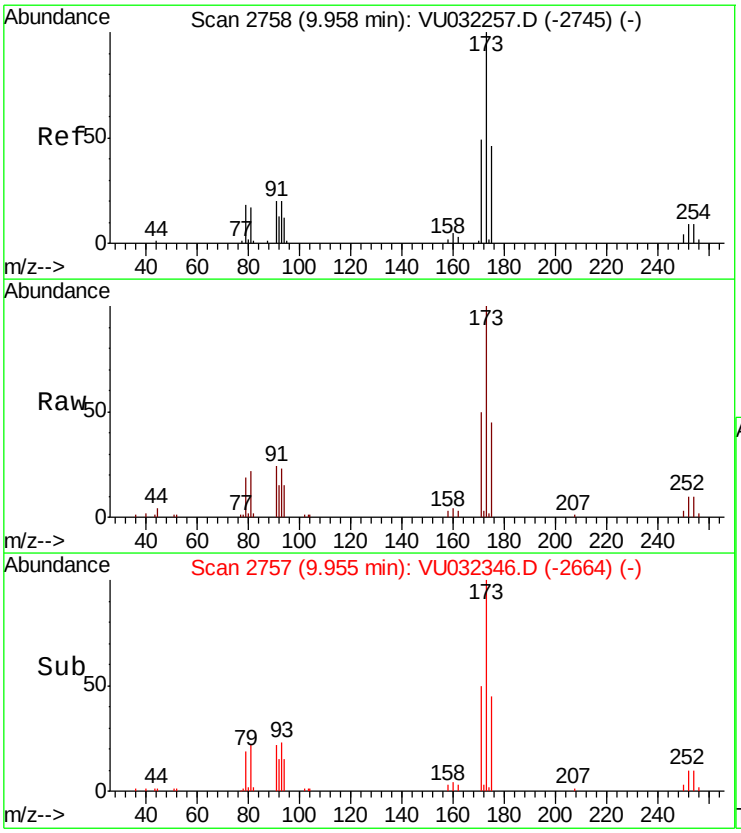
#59
1,2,3-Trichloropropane
Concen: 5.143 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Tgt Ion: 75 Resp: 38707

Ion	Ratio	Lower	Upper
75	100		
77	32.6	28.2	42.4

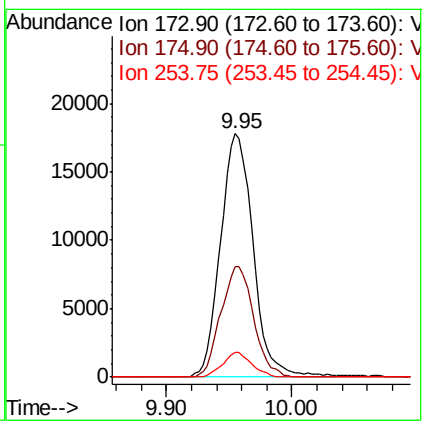


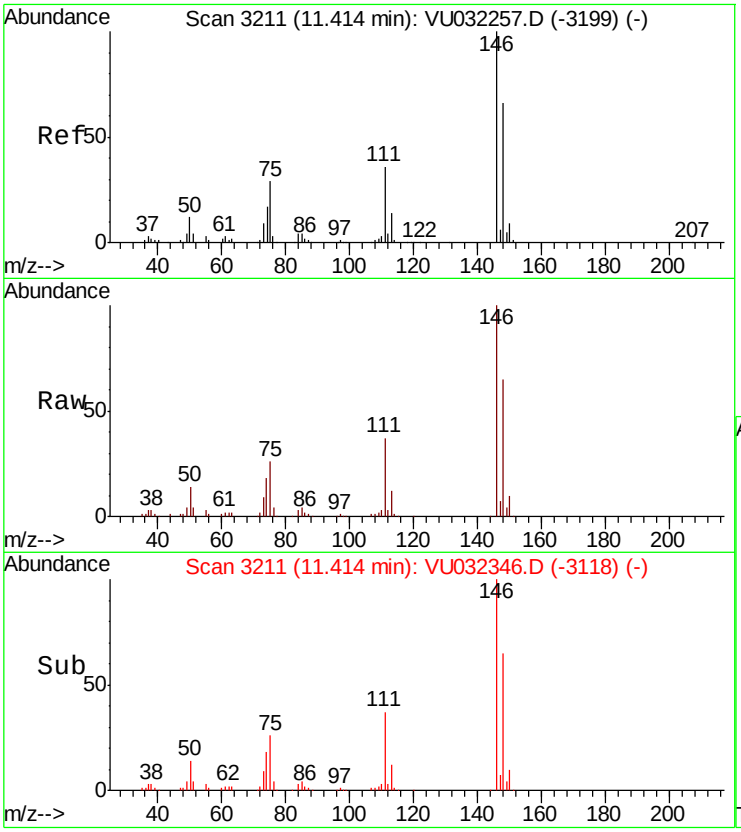


#61
Bromoform
Concen: 5.260 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:173 Resp: 32101

Ion	Ratio	Lower	Upper
173	100		
175	45.4	40.1	60.1
254	9.0	7.8	11.6



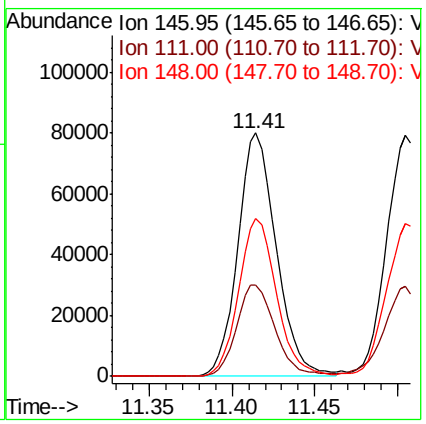


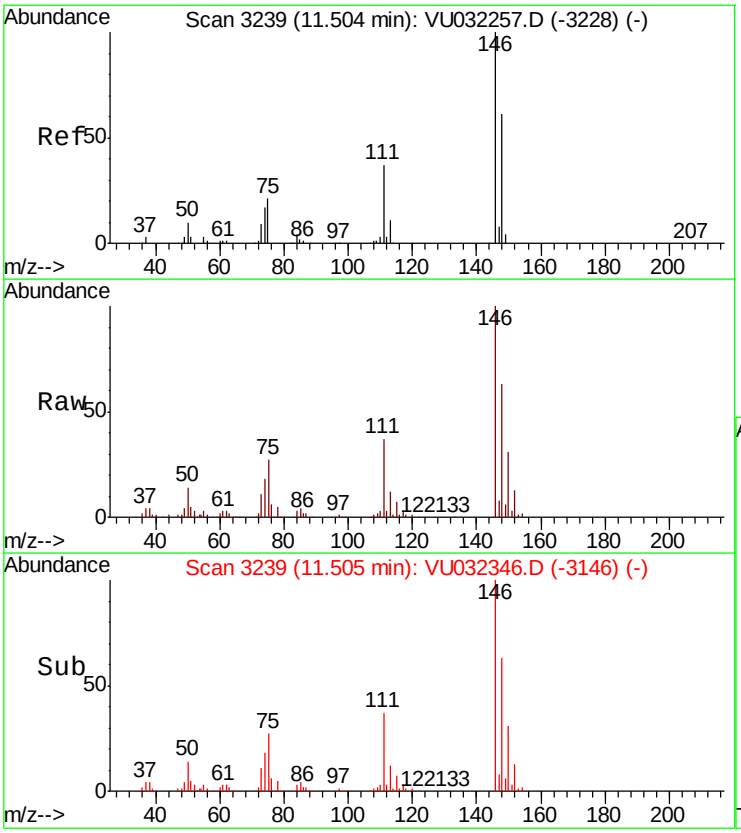
#62
1,3-Dichlorobenzene
Concen: 5.121 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:146 Resp: 128935

Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.2	52.4
148	65.0	46.0	85.4

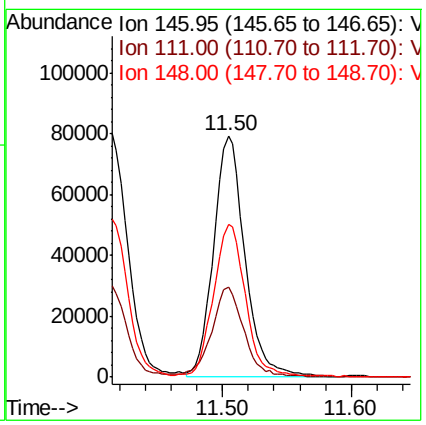


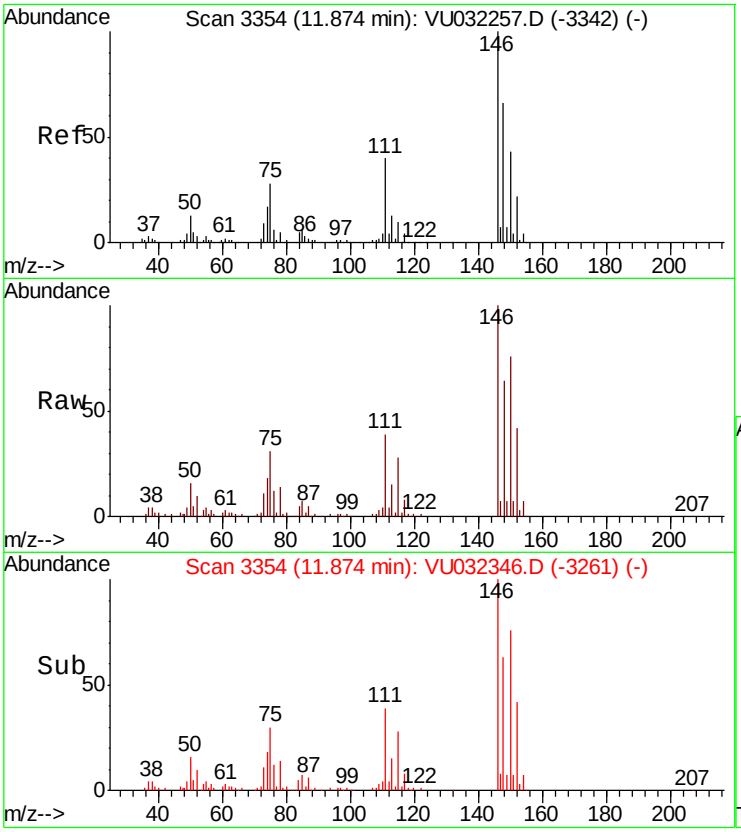


#63
1,4-Dichlorobenzene
Concen: 5.032 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:146 Resp: 132875

Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.6	49.4
148	63.2	45.2	84.0



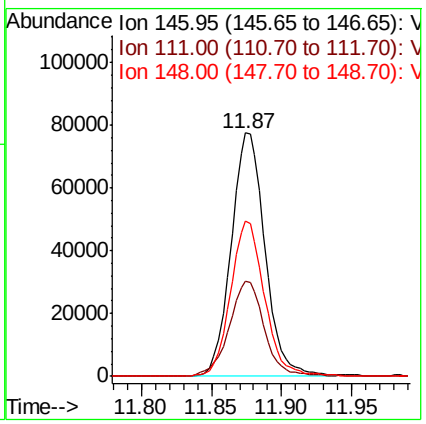


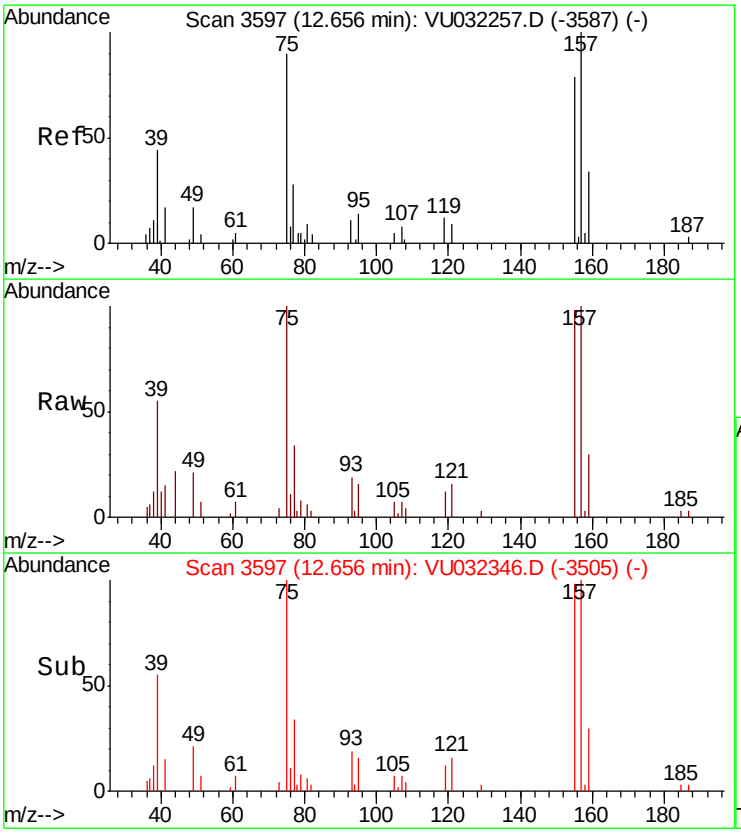
#65
1,2-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:146 Resp: 130540

Ion	Ratio	Lower	Upper
146	100		
111	39.3	33.9	50.9
148	63.8	54.3	81.5

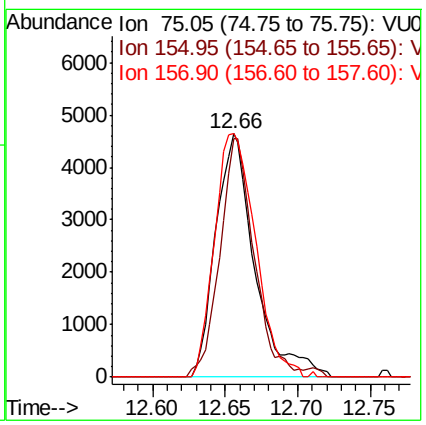


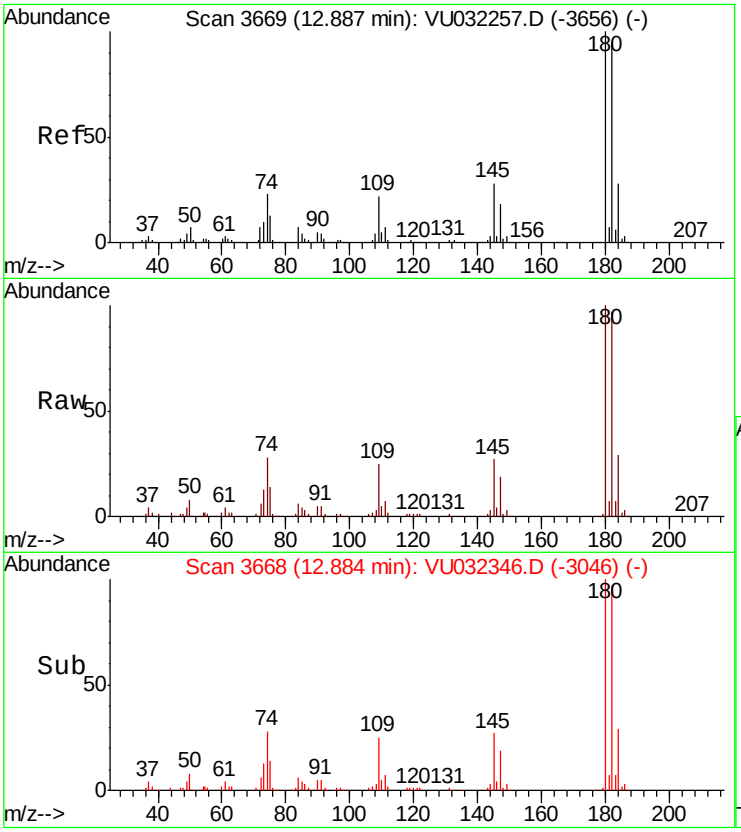


#66
1,2-Dibromo-3-chloropropane
Concen: 5.263 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion: 75 Resp: 8679

Ion	Ratio	Lower	Upper
75	100		
155	98.1	69.3	103.9
157	100.0	90.6	135.8



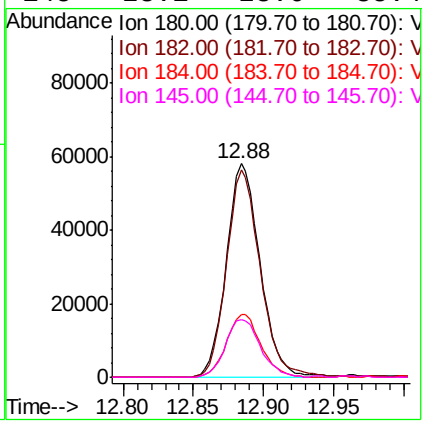


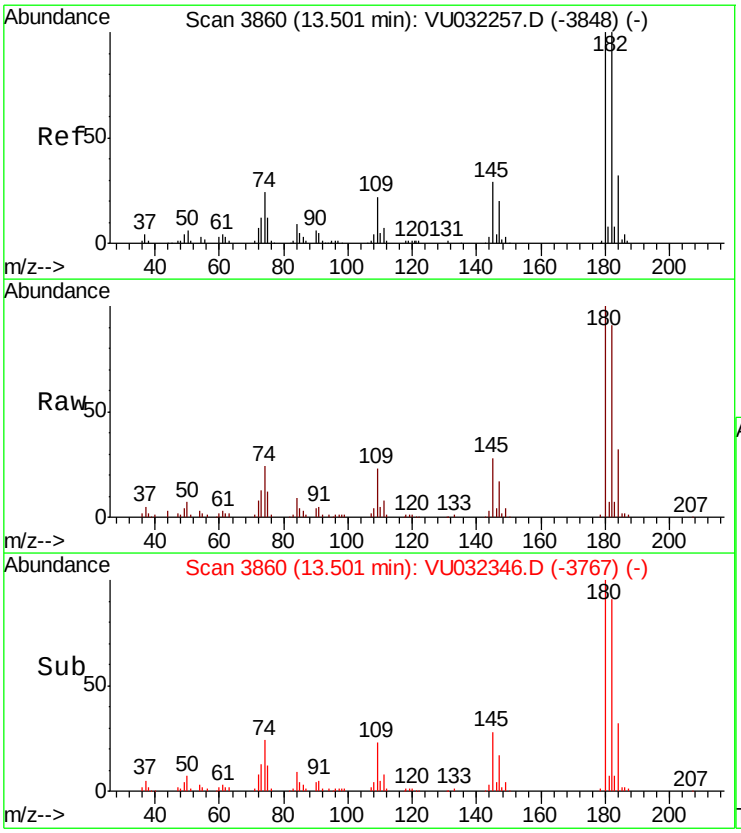
#67
1,3,5-Trichlorobenzene
Concen: 5.094 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:180 Resp: 97584

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.4
184	29.7	24.3	36.5
145	28.1	23.6	35.4

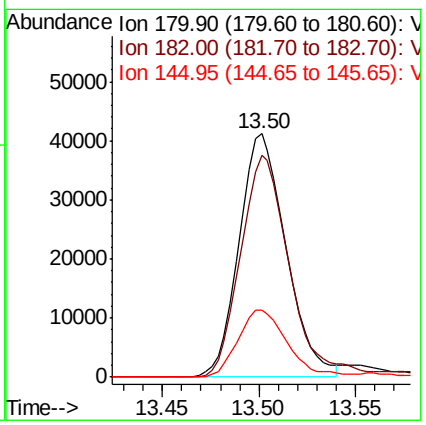


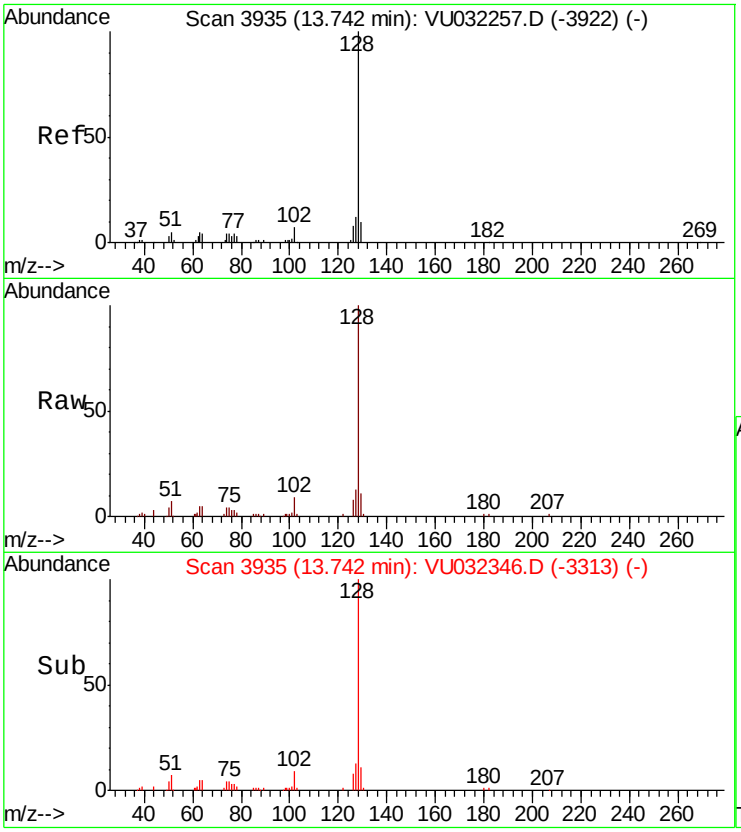


#68
1,2,4-trichlorobenzene
Concen: 5.147 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:180 Resp: 69527

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.9	113.9
145	28.8	21.7	32.5



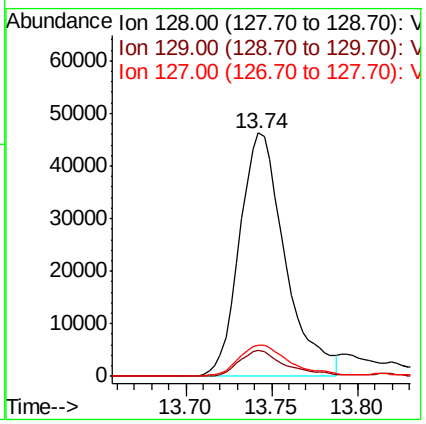


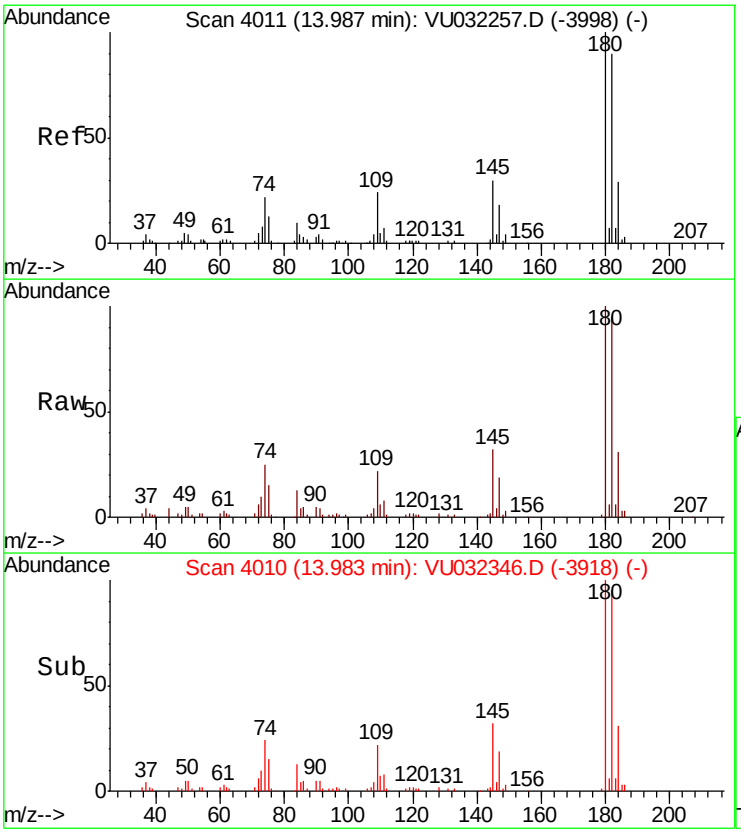
#69
Naphthalene
Concen: 4.127 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Tgt Ion:128 Resp: 85286

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	14.4	11.1	16.7





#70
1,2,3-Trichlorobenzene
Concen: 4.904 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU032346.D
Acq: 29 May 2019 09:03

Tgt Ion:180 Resp: 70128

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.6	111.8
145	31.6	23.4	35.0