Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032144.D
Acq On : 18 May 2019 10:49
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: May 20 05:01:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	114623	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.68	69	103427	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.27	63	191013	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	4.20	46	270237	45.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.76%			
24) Chloroform-d	4.64	84	247021	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	118352	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.33	84	481440	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.33	67	139713	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.56	98	435360	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.85	79	47047	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.31	63	256552	48.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127730	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	164259	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	80590	4.471	ug/L	99
3) Chloromethane	1.32	50	68633	3.968	ug/L	97
5) Vinyl chloride	1.40	62	79675	4.384	ug/L	97
6) Bromomethane	1.63	94	48193	4.601	ug/L	98
8) Chloroethane	1.70	64	47235	4.191	ug/L	94
9) Trichlorofluoromethane	1.88	101	110652	4.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	64778	4.385	ug/L	93
12) 1,1-Dichloroethene	2.28	96	70607	4.883	ug/L	79
13) Acetone	2.34	43	81524	41.699	ug/L	100
14) Carbon disulfide	2.47	76	201720	4.373	ug/L	97
15) Methyl Acetate	2.62	43	21304	3.800	ug/L	99
16) Methylene chloride	2.69	84	76469	4.430	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	158565	4.664	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	75130	4.854	ug/L	95
19) 1,1-Dichloroethane	3.44	63	114200	4.651	ug/L	98
21) 2-Butanone	4.29	43	123601	44.045	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	74395	4.885	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032144.D
Acq On : 18 May 2019 10:49
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: May 20 05:01:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.54	128	35136	5.377 ug/L		90
25) Chloroform	4.67	83	128856	4.907 ug/L		97
27) 1,2-Dichloroethane	5.40	62	72785	4.800 ug/L		100
29) 1,1,1-Trichloroethane	4.91	97	102972	4.859 ug/L		98
30) Cyclohexane	4.98	56	81168	4.165 ug/L		95
31) Carbon tetrachloride	5.12	117	89655	4.975 ug/L		95
33) Benzene	5.38	78	273270	4.899 ug/L		100
34) Trichloroethene	6.18	95	71151	4.703 ug/L		93
35) Methylcyclohexane	6.41	83	89217	4.095 ug/L		97
37) 1,2-Dichloropropane	6.43	63	62299	4.568 ug/L		98
38) Bromodichloromethane	6.75	83	85494	4.901 ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	78431	4.159 ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	278146	43.995 ug/L		95
42) Toluene	7.63	91	293202	5.019 ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	63851	4.355 ug/L		95
45) 1,1,2-Trichloroethane	8.06	97	51964	5.158 ug/L		96
47) Tetrachloroethene	8.22	164	57360	5.071 ug/L		96
48) 2-Hexanone	8.36	43	225842	46.053 ug/L		96
49) Dibromochloromethane	8.47	129	60957	5.250 ug/L		93
50) 1,2-Dibromoethane	8.59	107	46894	4.857 ug/L	#	98
51) Chlorobenzene	9.12	112	191645	5.194 ug/L		91
52) Ethylbenzene	9.24	91	284272	4.851 ug/L		98
53) m,p-Xylene	9.37	106	113598	5.103 ug/L		95
54) o-Xylene	9.77	106	108945	5.077 ug/L		89
55) Styrene	9.79	104	184845	5.080 ug/L		98
56) Isopropylbenzene	10.16	105	267147	4.871 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	60898	4.845 ug/L		100
59) 1,2,3-Trichloropropane	10.49	75	40381	4.662 ug/L		98
61) Bromoform	9.95	173	33118	5.220 ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	136369	5.177 ug/L		95
63) 1,4-Dichlorobenzene	11.50	146	137231	5.006 ug/L		96
65) 1,2-Dichlorobenzene	11.87	146	137233	5.135 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.65	75	8832	5.064 ug/L		92
67) 1,3,5-Trichlorobenzene	12.88	180	99365	5.068 ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	74506	5.497 ug/L		99
69) Naphthalene	13.74	128	103050	4.888 ug/L		96
70) 1,2,3-Trichlorobenzene	13.98	180	78589	5.712 ug/L		99

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

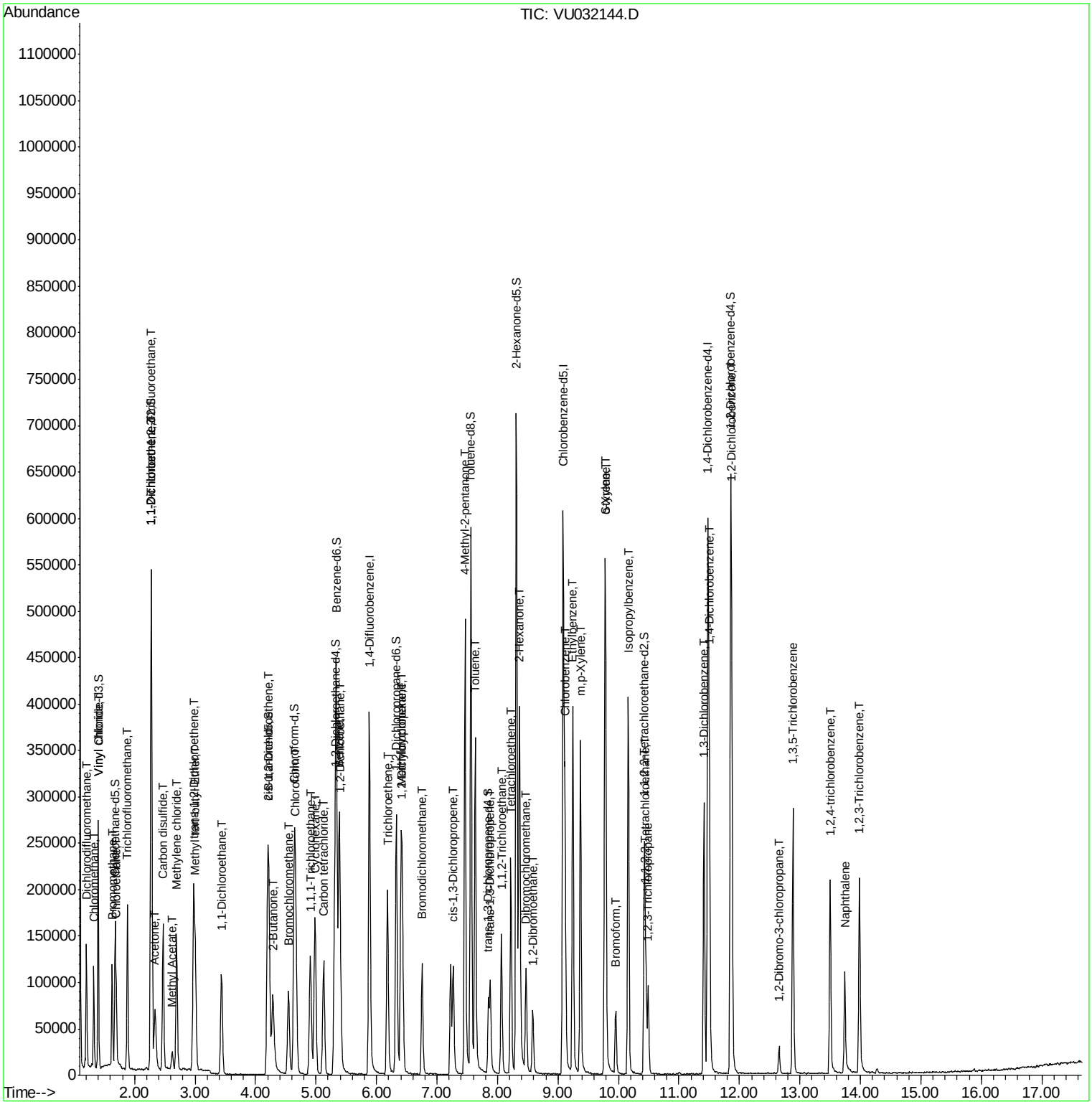
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

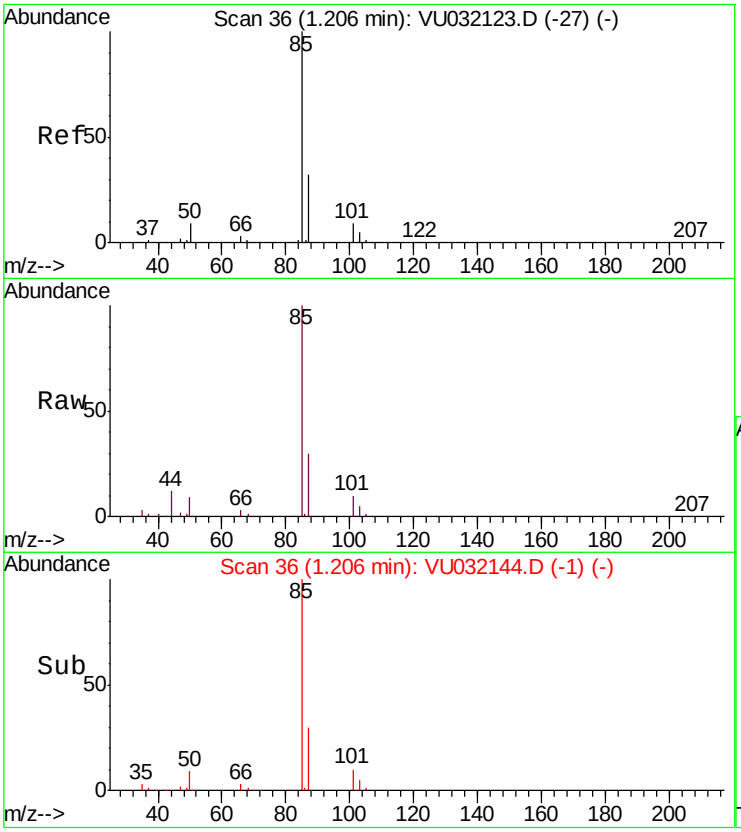
Quantitation Report (Not Reviewed)

Data File : VU032144.D
Acq On : 18 May 2019 10:49
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Quant Time: May 20 05:01:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration



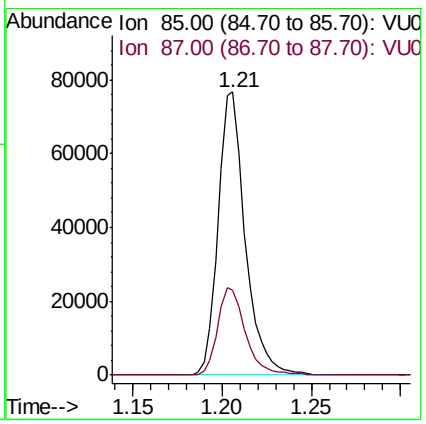


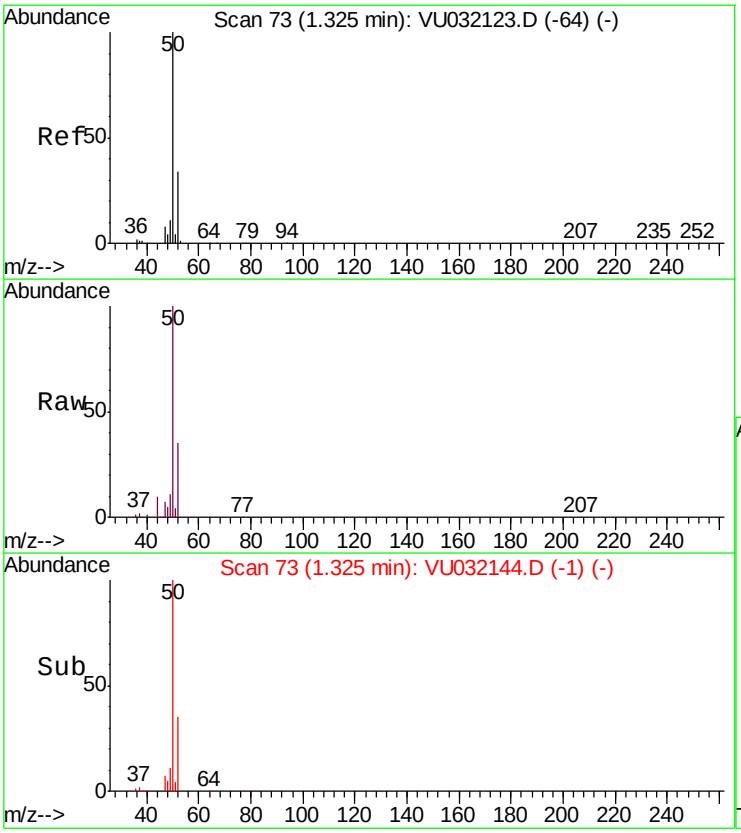
#2
Dichlorodifluoromethane
Concen: 4.471 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 85 Resp: 80590

Ion	Ratio	Lower	Upper
85	100		
87	31.7	24.8	37.2

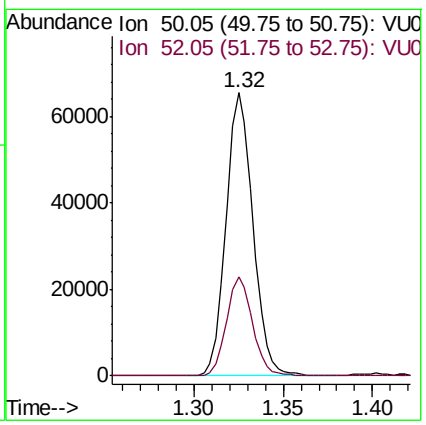


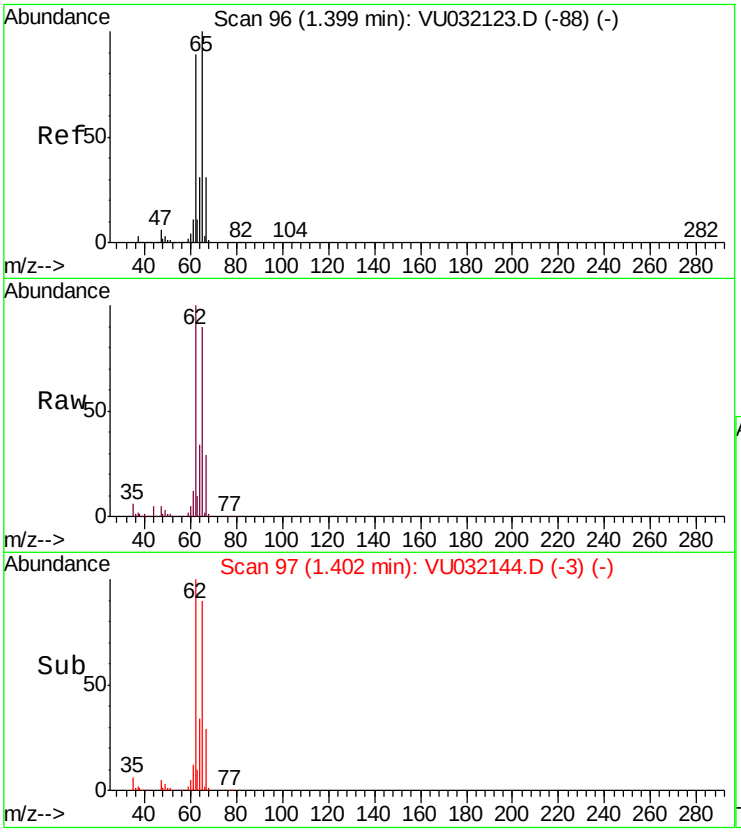


#3
Chloromethane
Concen: 3.968 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 50 Resp: 68633

Ion	Ratio	Lower	Upper
50	100		
52	34.8	23.2	43.0



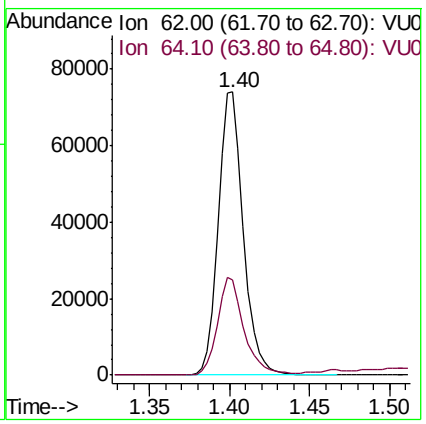


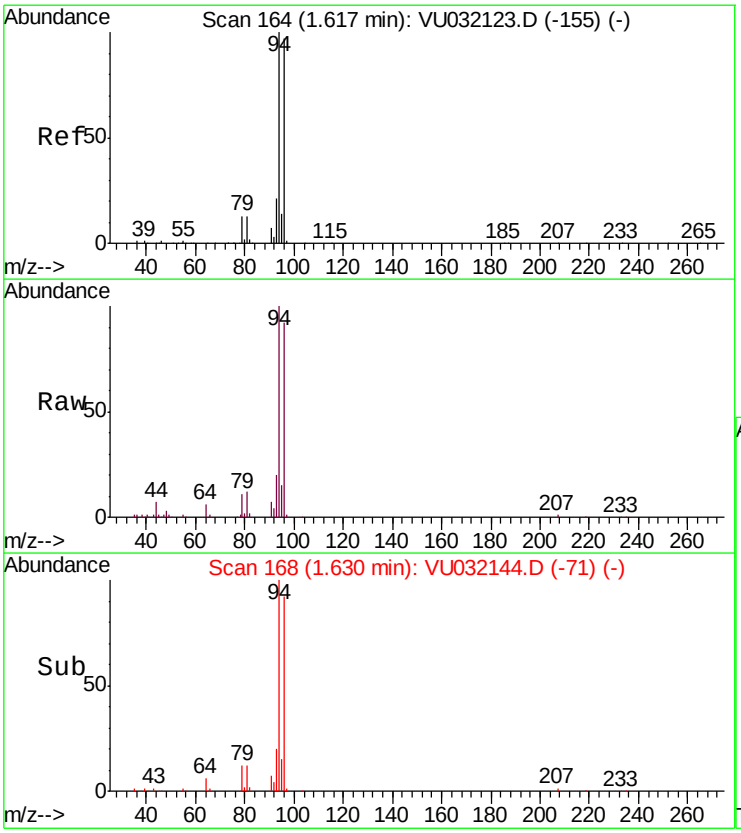
#5
Vinyl chloride
Concen: 4.384 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 62 Resp: 79675

Ion	Ratio	Lower	Upper
62	100		
64	33.5	24.8	46.1

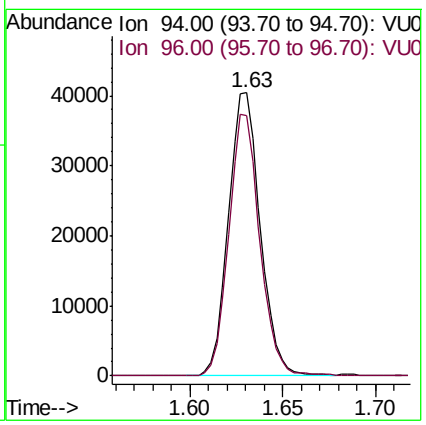


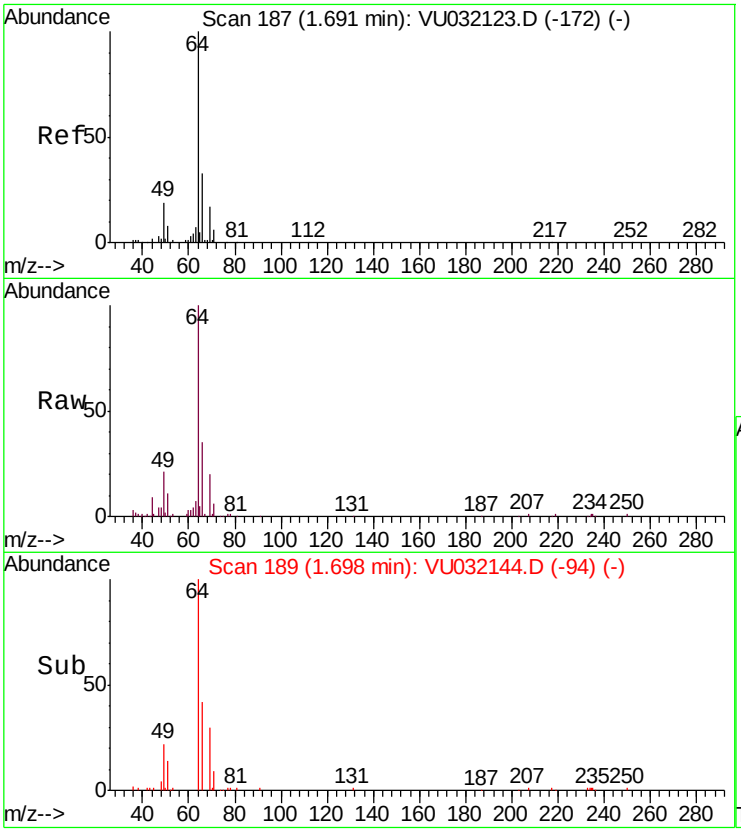


#6
Bromomethane
Concen: 4.601 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.01 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 94 Resp: 48193

Ion	Ratio	Lower	Upper
94	100		
96	92.1	63.3	117.7



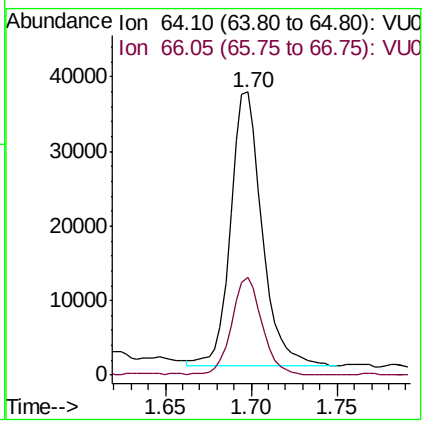


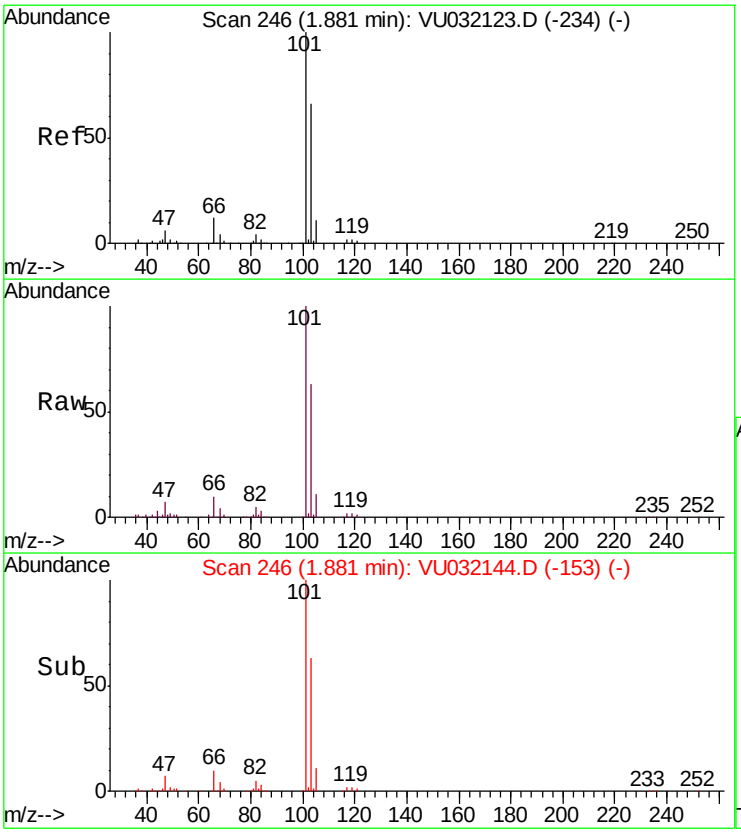
#8
Chloroethane
Concen: 4.191 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.01 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 64 Resp: 47235

Ion	Ratio	Lower	Upper
64	100		
66	34.6	22.0	41.0

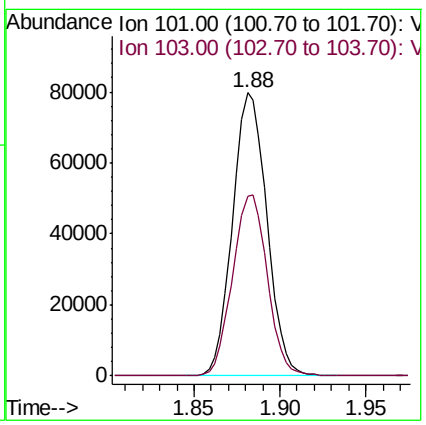


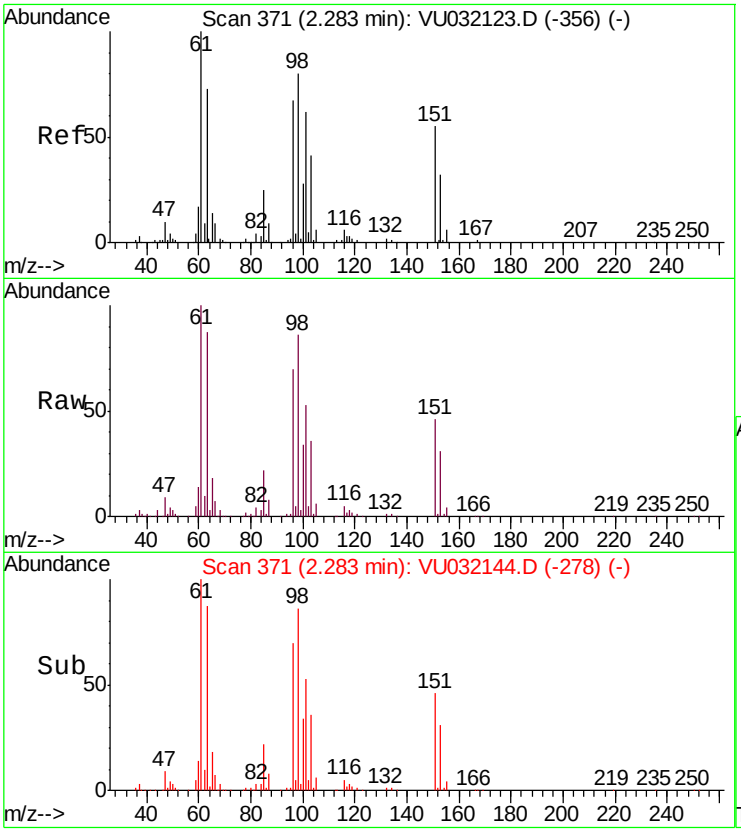


#9
Trichlorofluoromethane
Concen: 4.963 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:101 Resp: 110652

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.0



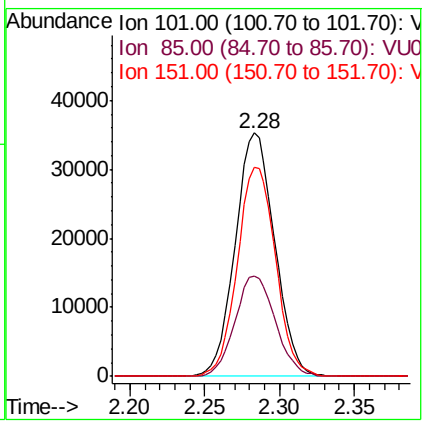


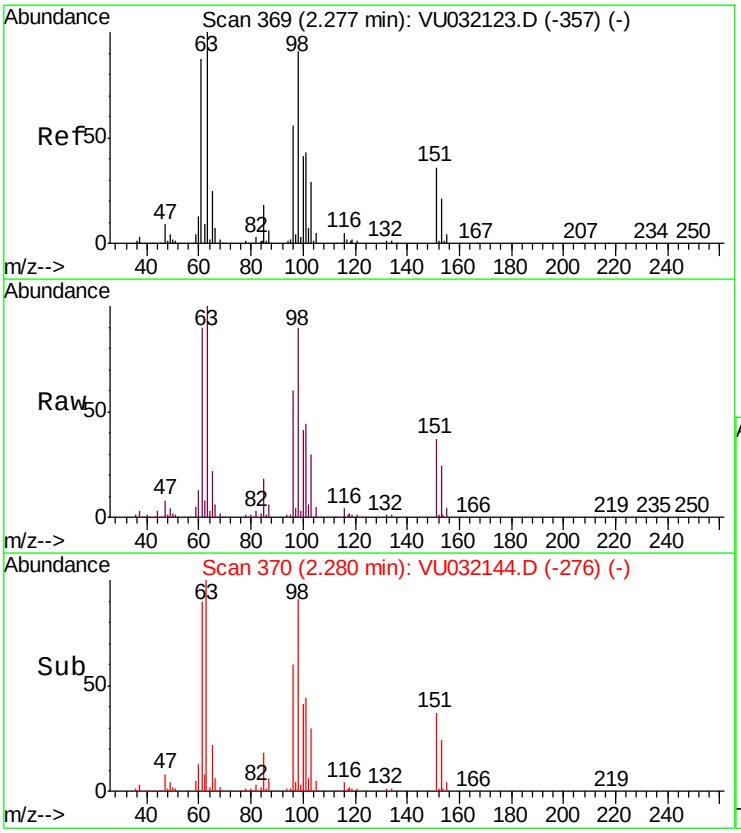
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.385 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:101 Resp: 64778

Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.8	50.8
151	83.3	59.4	89.2

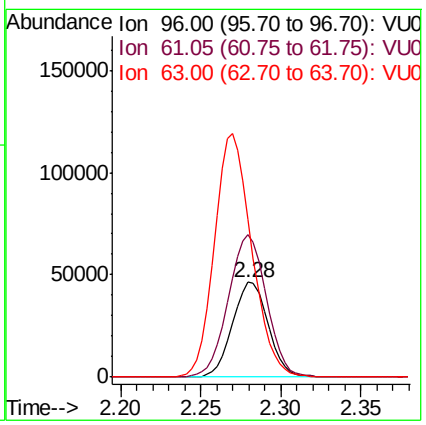


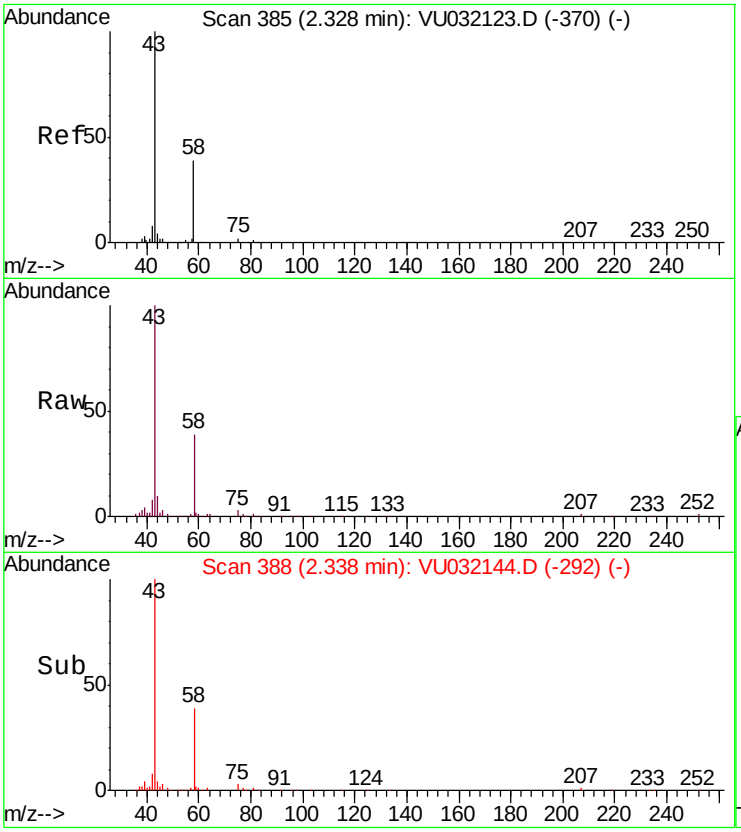


#12
1,1-Dichloroethene
Concen: 4.883 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 96 Resp: 70607

Ion	Ratio	Lower	Upper
96	100		
61	150.3	111.7	207.5
63	166.7	152.2	282.6



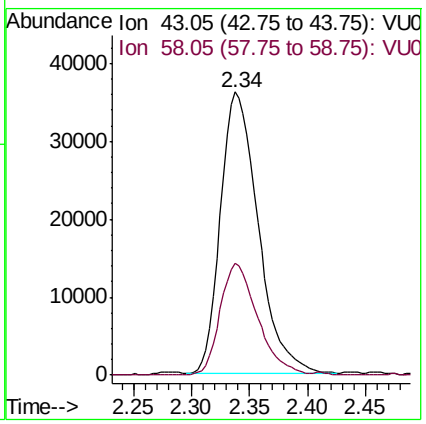


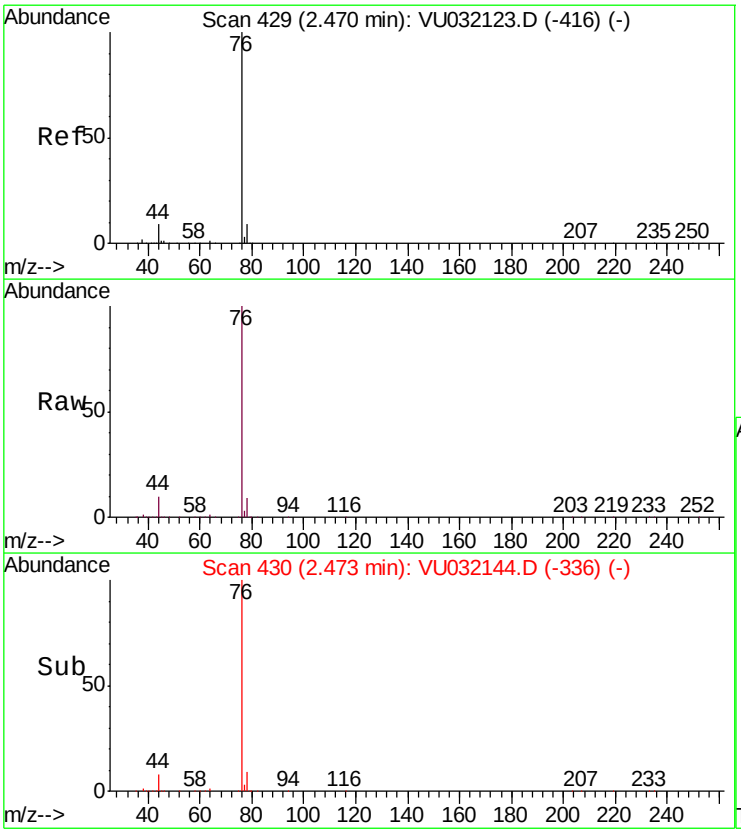
#13
Acetone
Concen: 41.699 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.01 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 43 Resp: 81524

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	78.8

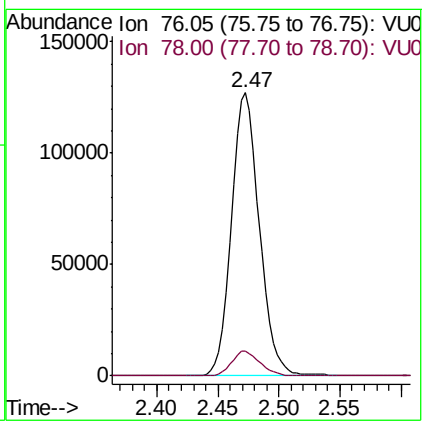


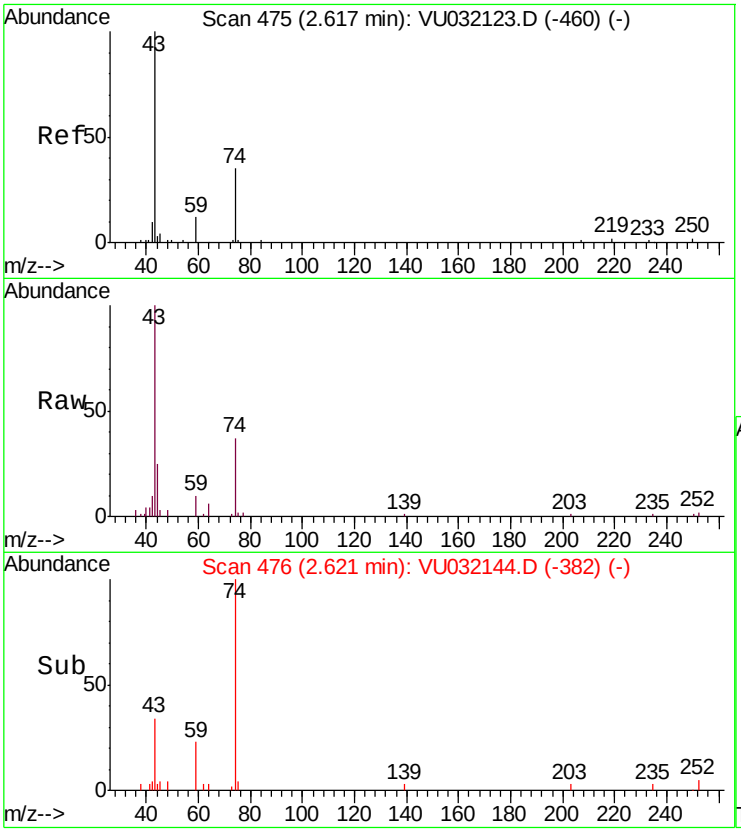


#14
Carbon disulfide
Concen: 4.373 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 76 Resp: 201720

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.8	11.6



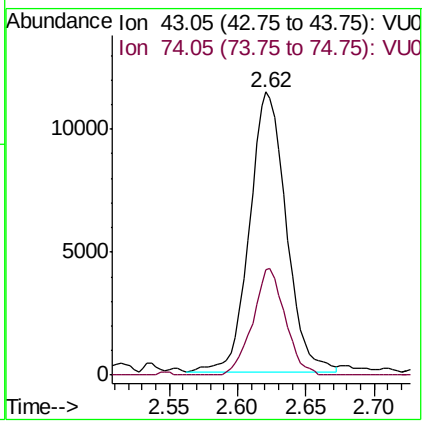


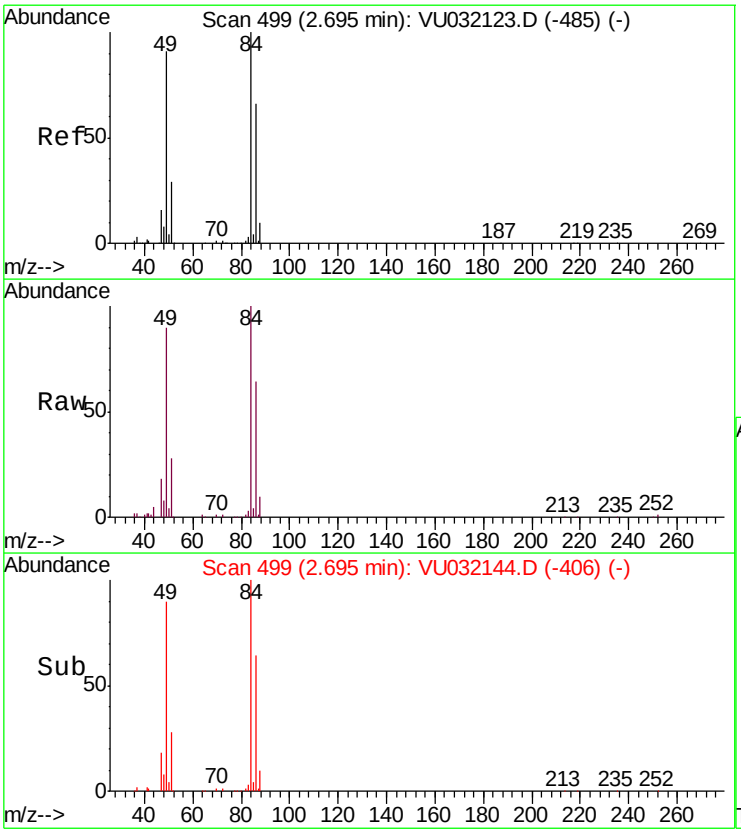
#15
Methyl Acetate
Concen: 3.800 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 43 Resp: 21304

Ion	Ratio	Lower	Upper
43	100		
74	33.5	26.4	39.6

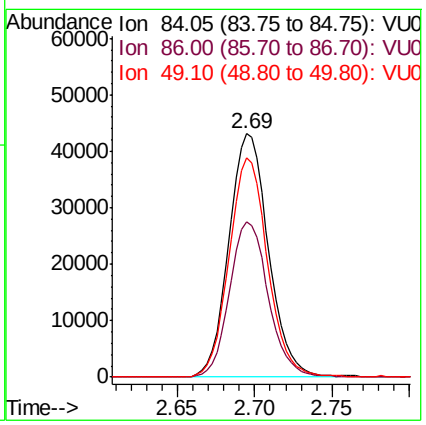


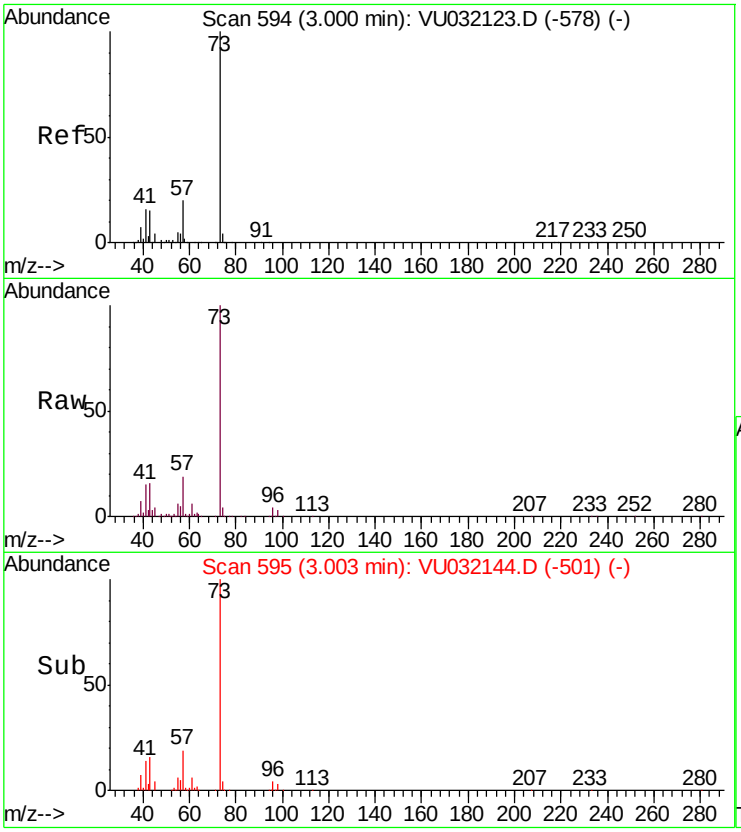


#16
Methylene chloride
Concen: 4.430 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 84 Resp: 76469

Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.1	80.1
49	90.2	67.7	125.7



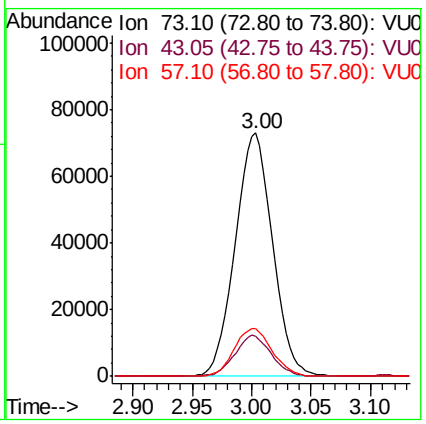


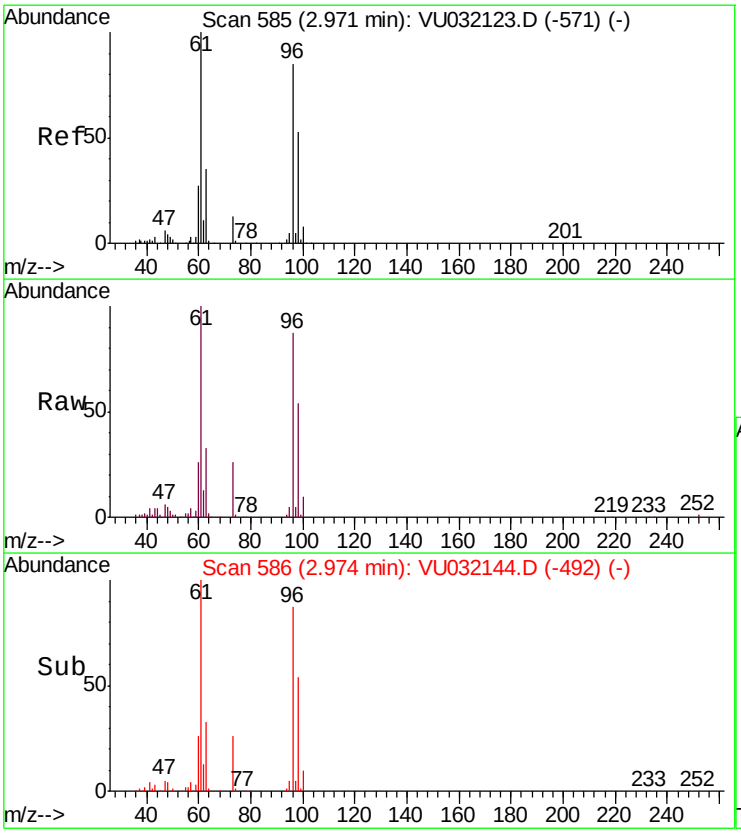
#17
Methyl tert-butyl Ether
Concen: 4.664 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion: 73 Resp: 158565

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.0	19.6
57	19.9	17.9	26.9

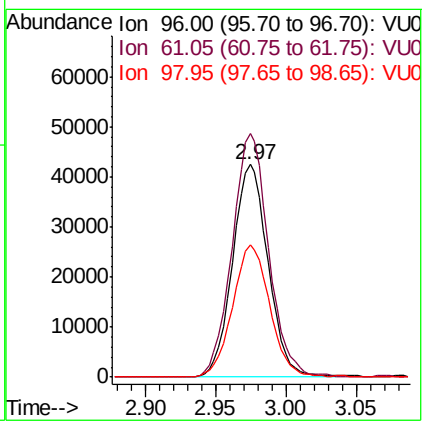


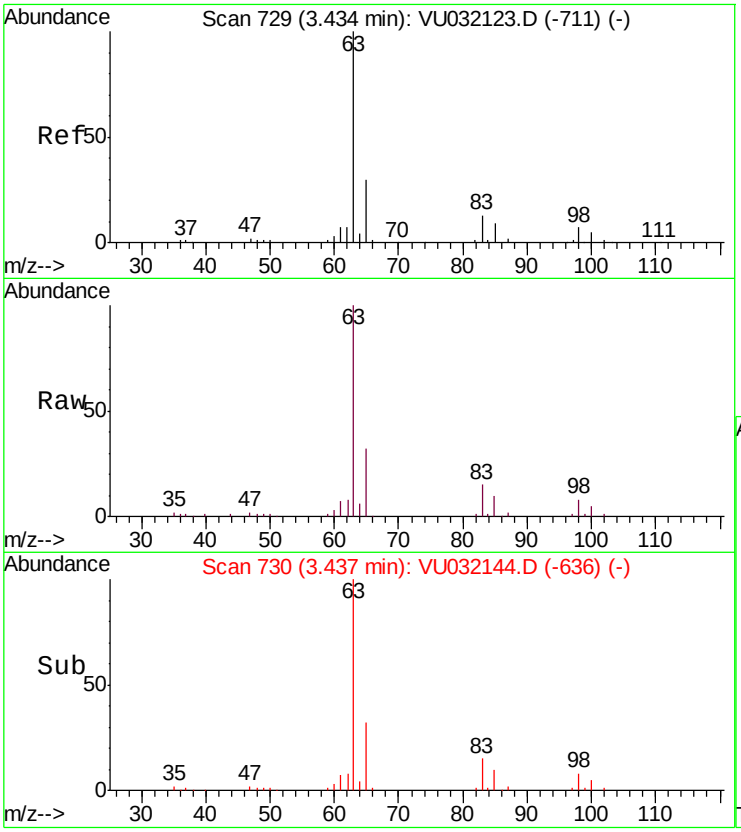


#18
trans-1,2-Dichloroethene
Concen: 4.854 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 96 Resp: 75130

Ion	Ratio	Lower	Upper
96	100		
61	114.5	86.5	160.7
98	62.0	43.5	80.9



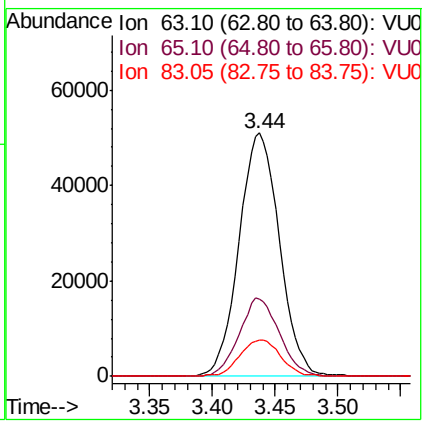


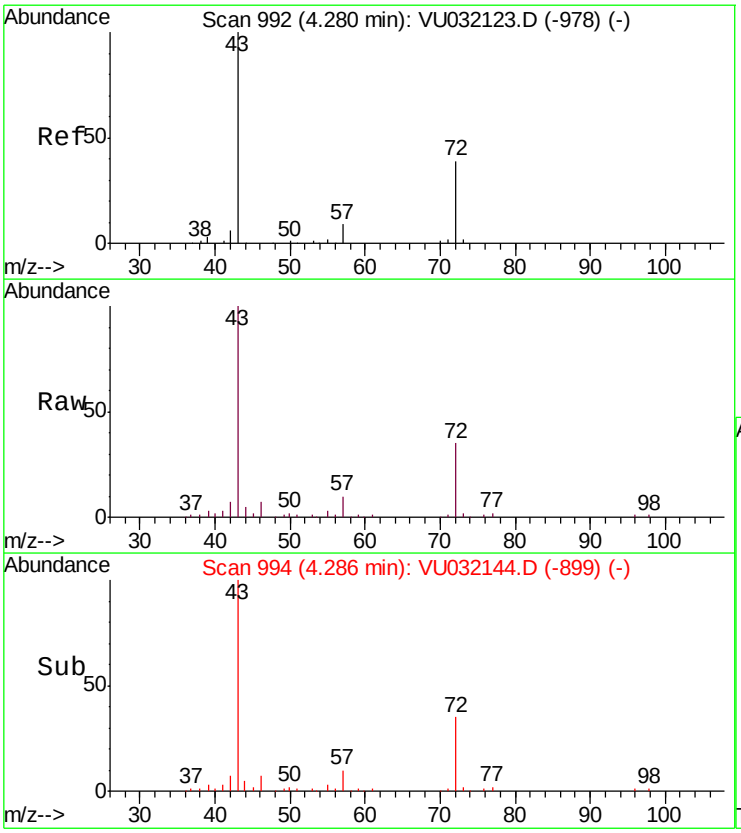
#19
1,1-Dichloroethane
Concen: 4.651 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 63 Resp: 114200

Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.0	42.6
83	14.9	9.3	17.3

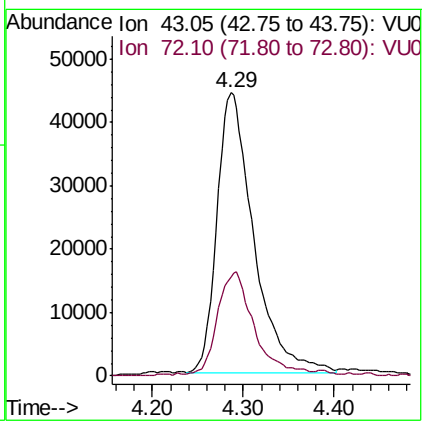


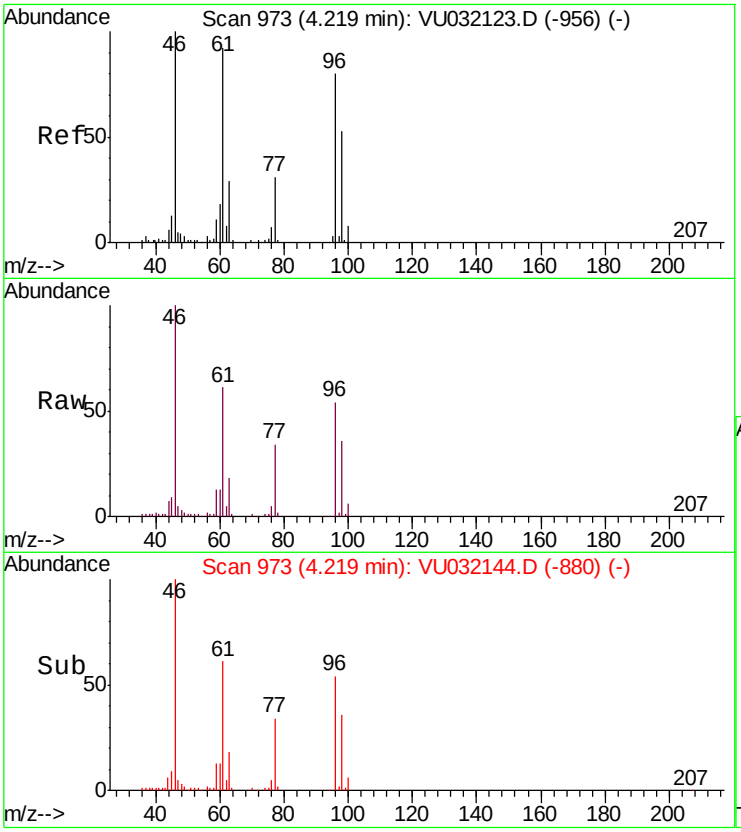


#21
2-Butanone
Concen: 44.045 ug/L
RT: 4.29 min Scan# 994
Delta R.T. 0.01 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 43 Resp: 123601

Ion	Ratio	Lower	Upper
43	100		
72	36.0	16.8	50.3



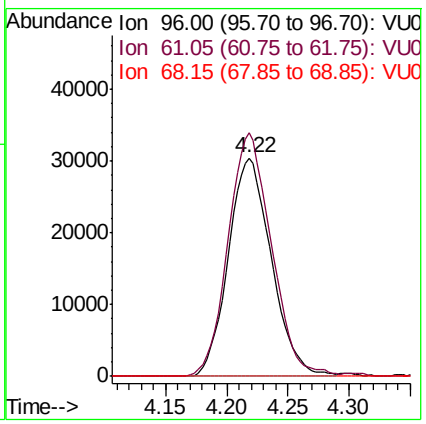


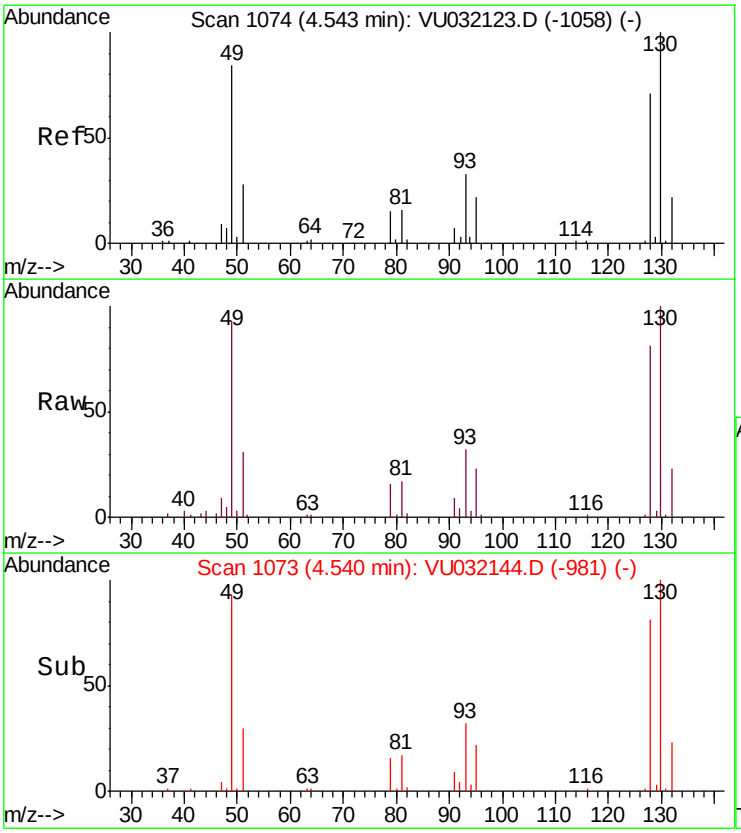
#22
cis-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 96 Resp: 74395

Ion	Ratio	Lower	Upper
96	100		
61	111.6	85.8	159.4
68	0.0	0.0	0.0

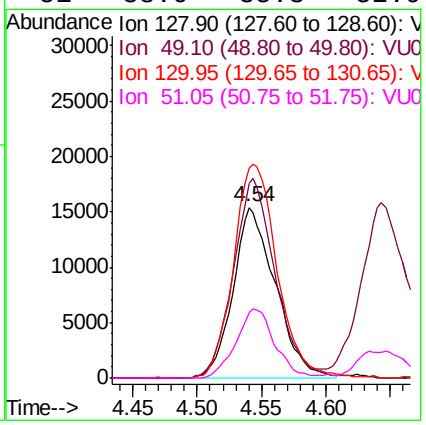


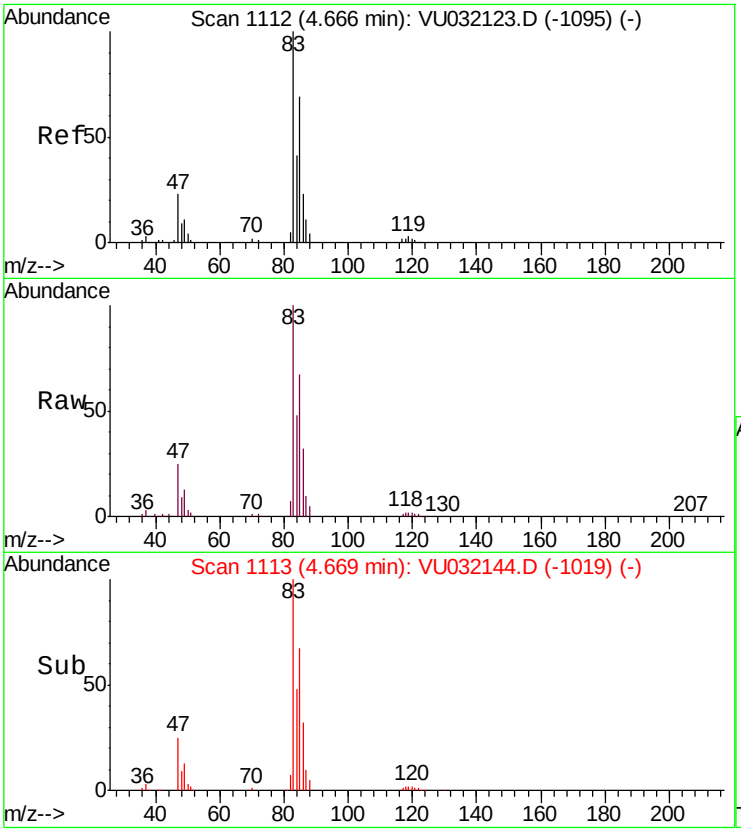


#23
Bromochloromethane
Concen: 5.377 ug/L
RT: 4.54 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:128 Resp: 35136

Ion	Ratio	Lower	Upper
128	100		
49	114.4	92.2	171.2
130	123.4	90.3	167.7
51	38.0	35.3	52.9



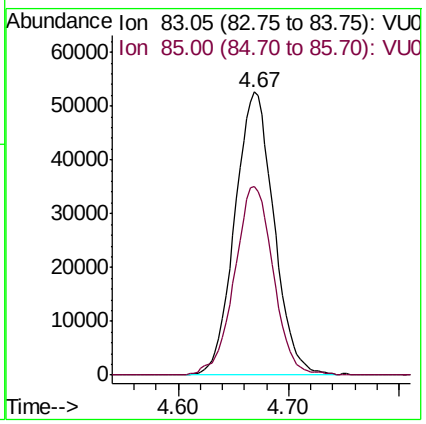


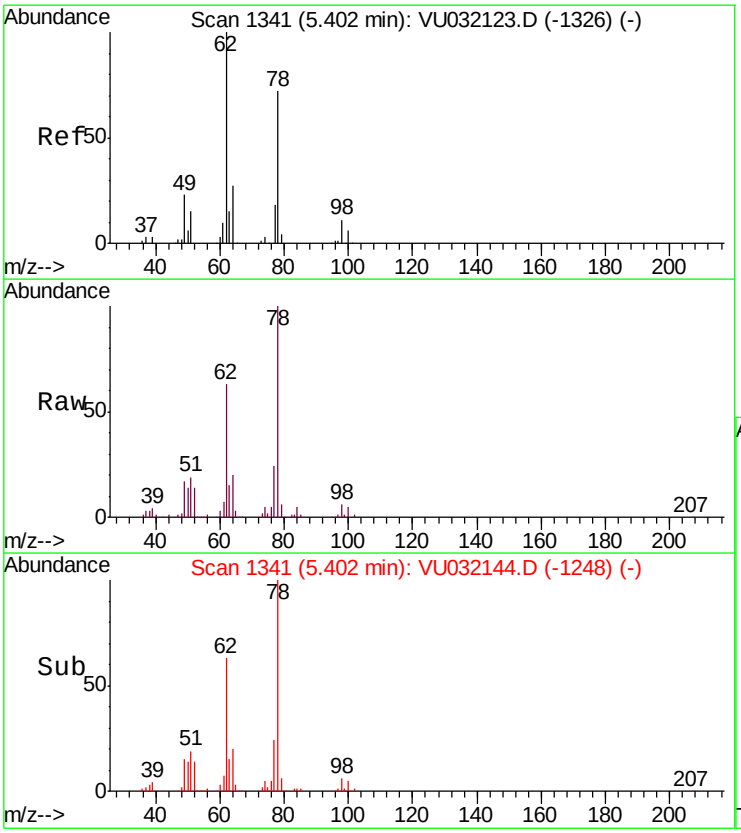
#25
Chloroform
Concen: 4.907 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 83 Resp: 128856

Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.9	83.3

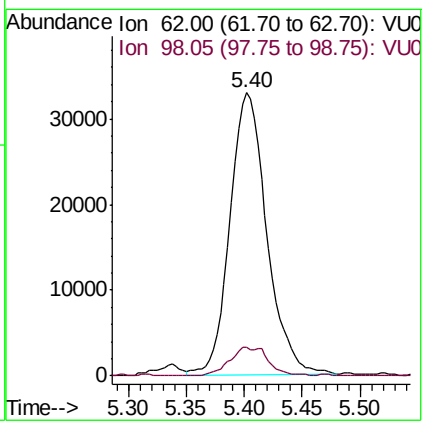


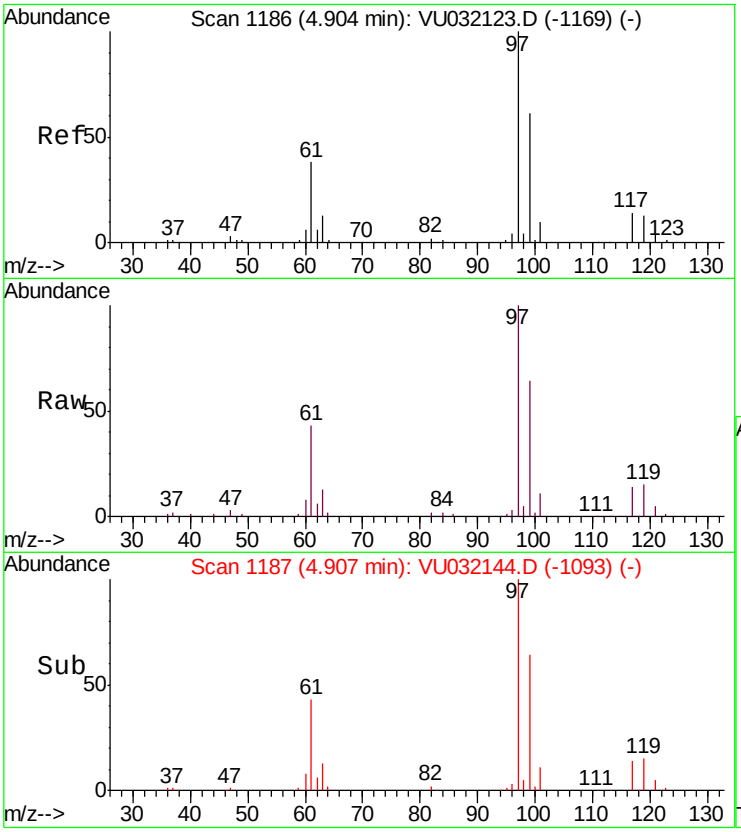


#27
1,2-Dichloroethane
Concen: 4.800 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 62 Resp: 72785

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.0	12.0



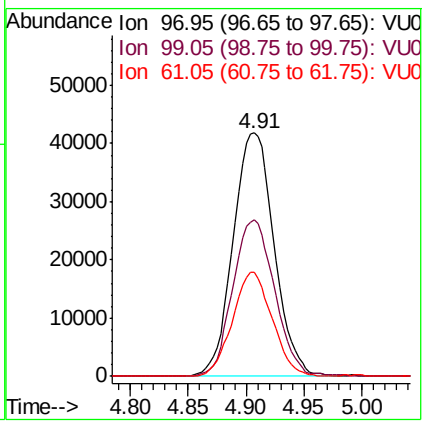


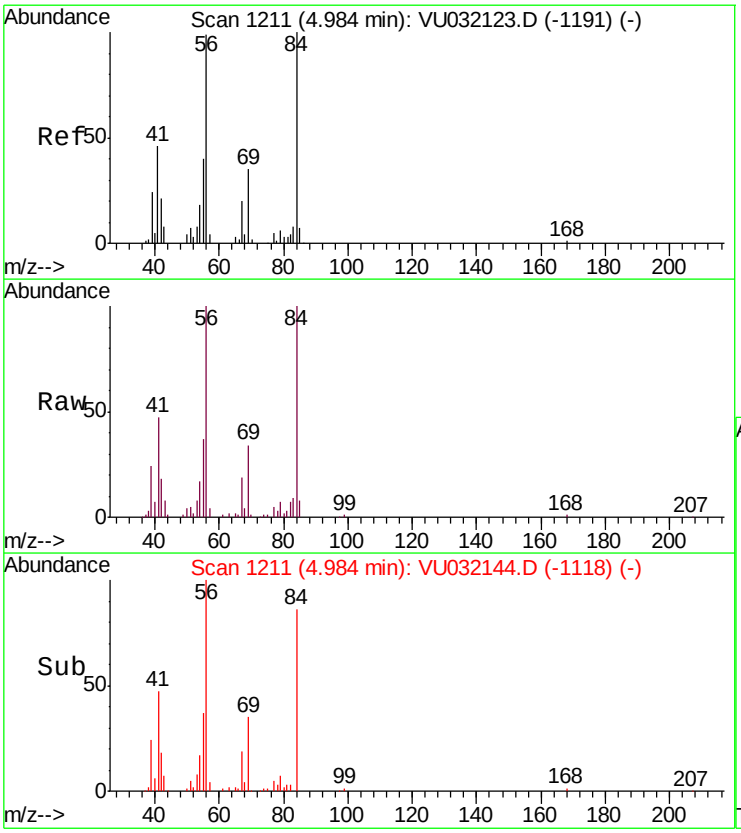
#29
1,1,1-Trichloroethane
Concen: 4.859 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 97 Resp: 102972

Ion	Ratio	Lower	Upper
97	100		
99	65.6	53.7	80.5
61	41.3	34.2	51.4

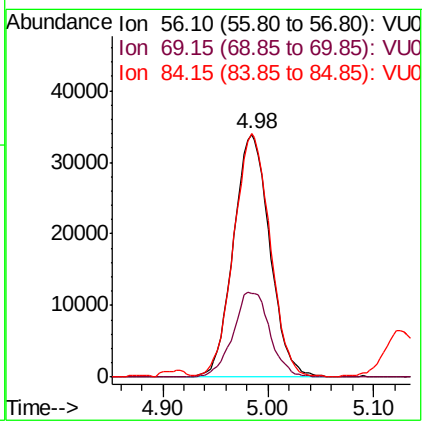


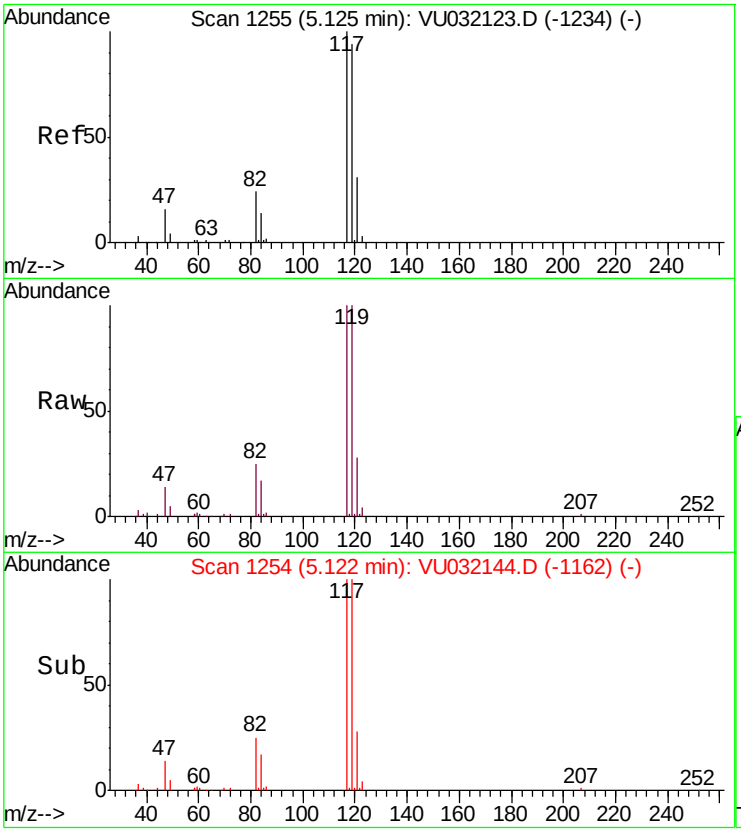


#30
Cyclohexane
Concen: 4.165 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 56 Resp: 81168

Ion	Ratio	Lower	Upper
56	100		
69	35.4	26.9	40.3
84	100.7	76.6	115.0



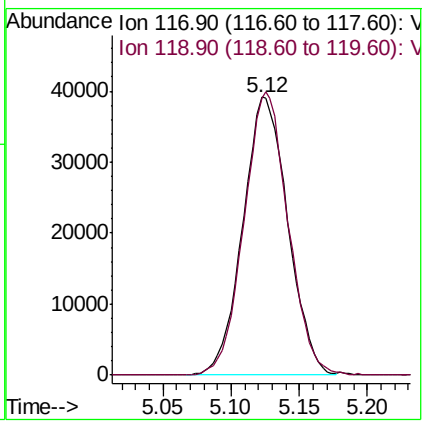


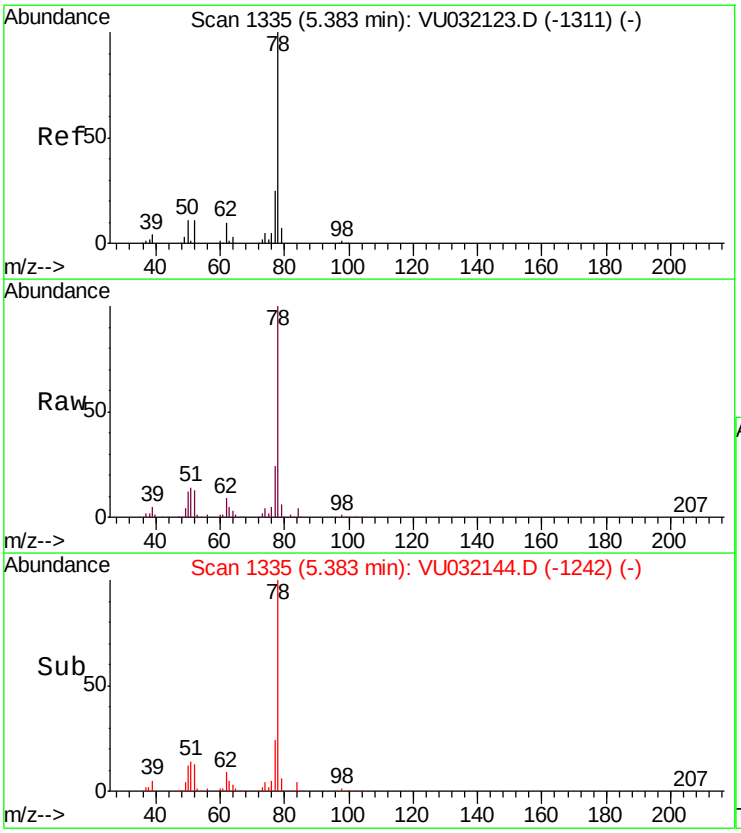
#31
Carbon tetrachloride
Concen: 4.975 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:117 Resp: 89655

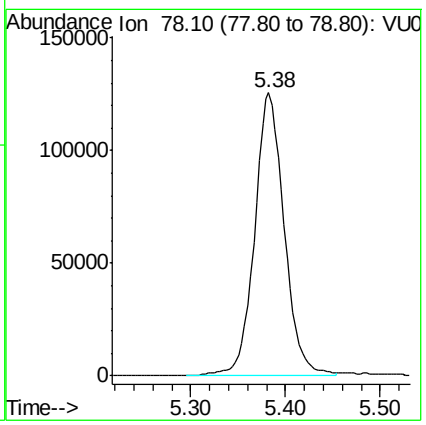
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.8	113.6

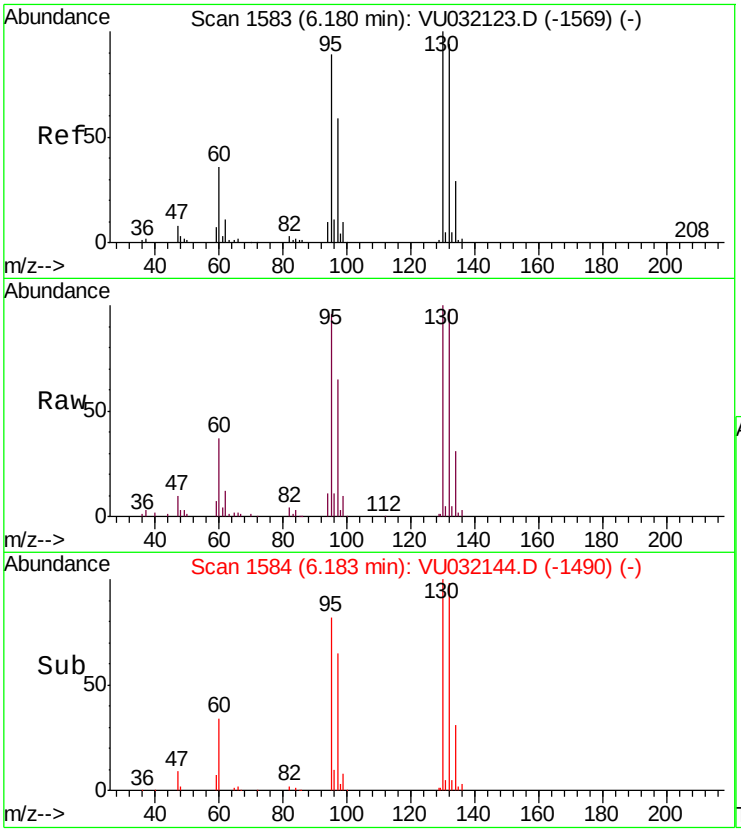




#33
Benzene
Concen: 4.899 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 78 Resp: 273270



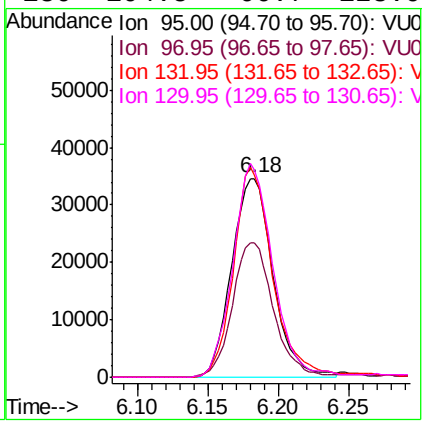


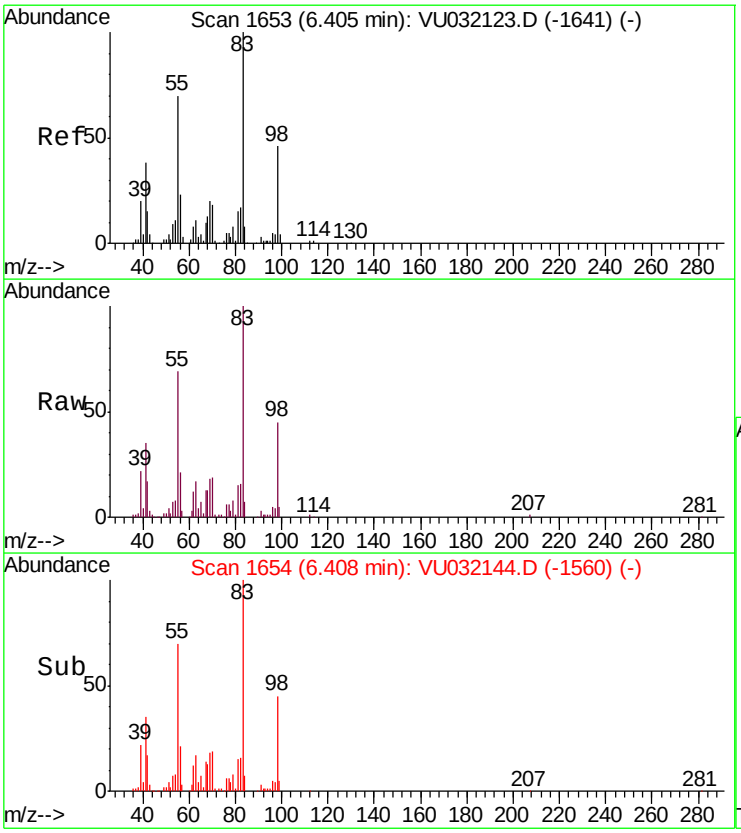
#34
Trichloroethene
Concen: 4.703 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion: 95 Resp: 71151

Ion	Ratio	Lower	Upper
95	100		
97	67.8	45.2	84.0
132	102.0	66.1	122.7
130	104.5	66.7	123.9

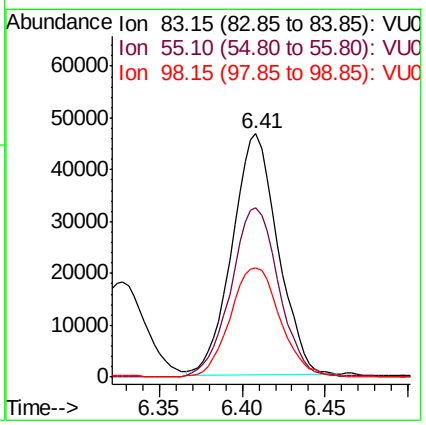


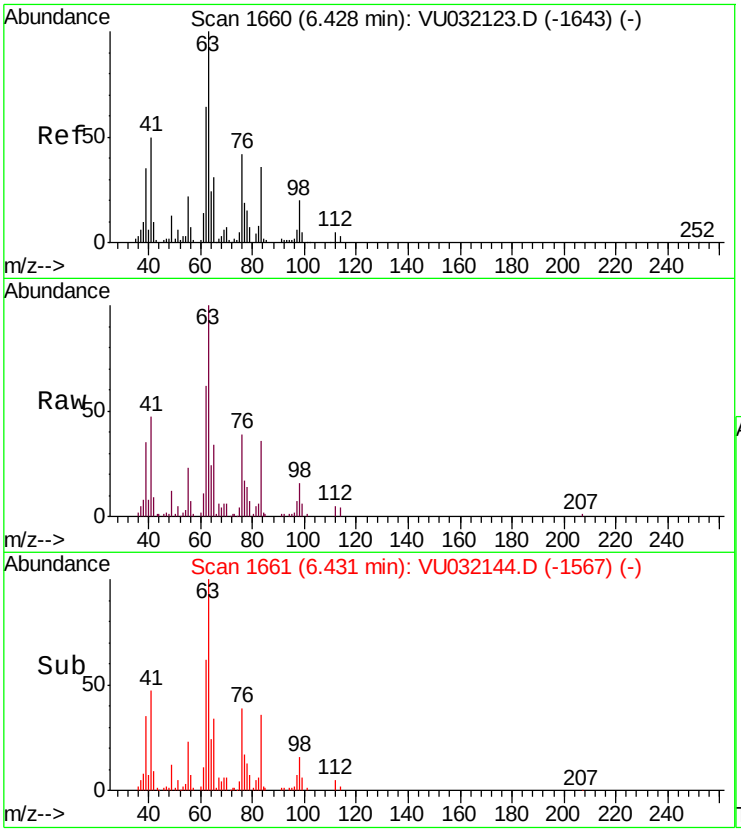


#35
Methylcyclohexane
Concen: 4.095 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 83 Resp: 89217

Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.7	89.5
98	49.9	36.8	55.2



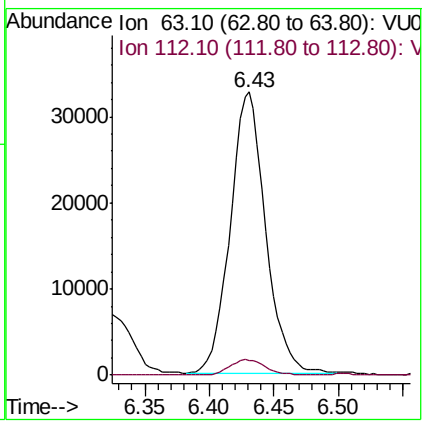


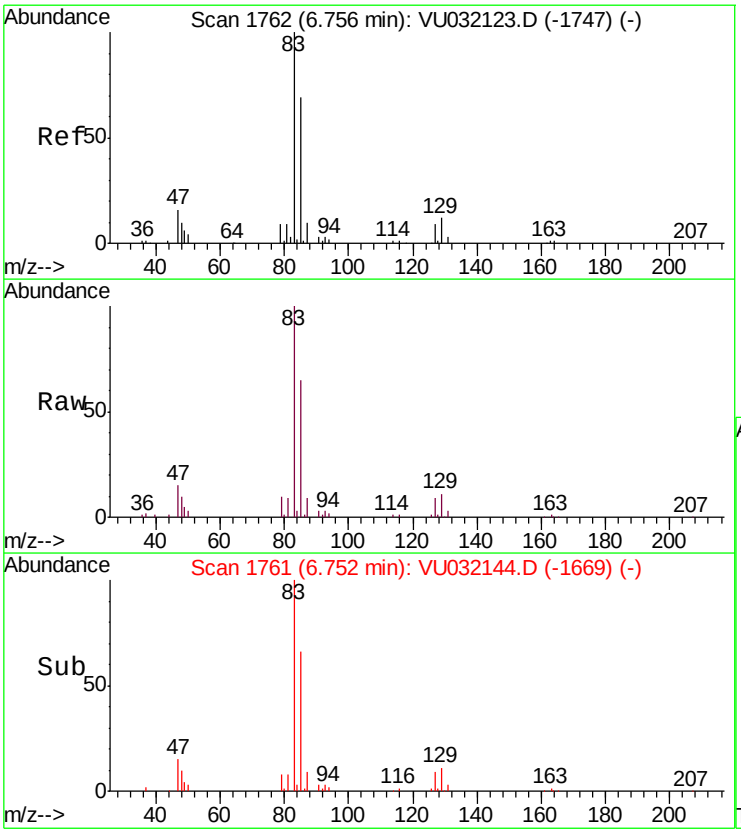
#37
1,2-Dichloropropane
Concen: 4.568 ug/L
RT: 6.43 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion: 63 Resp: 62299

Ion	Ratio	Lower	Upper
63	100		
112	5.4	3.8	5.6

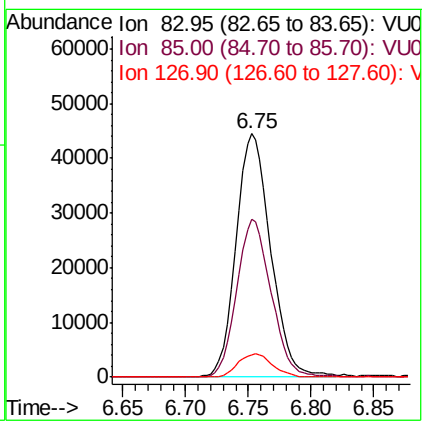


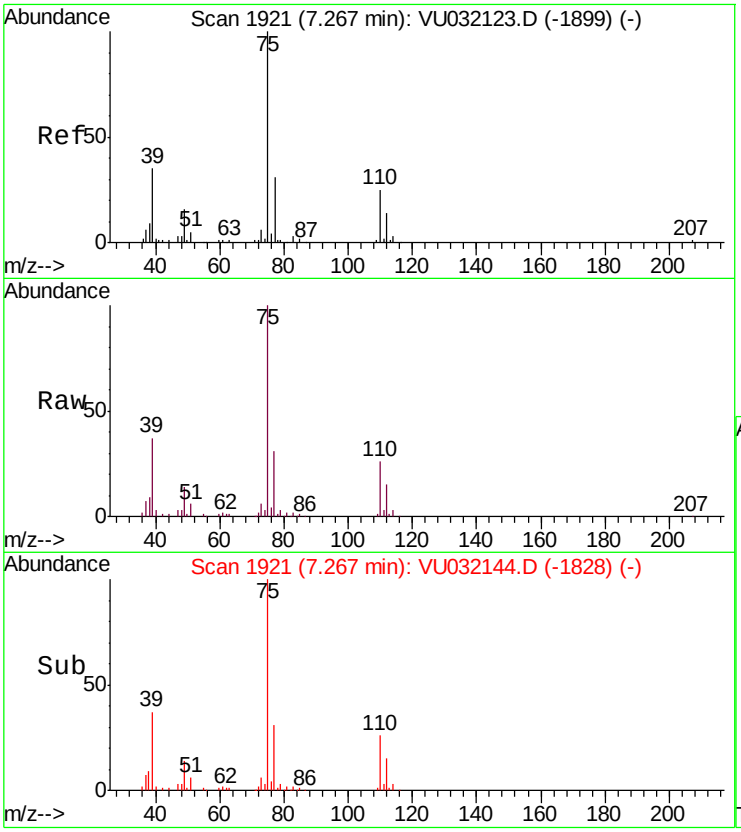


#38
Bromodichloromethane
Concen: 4.901 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 83 Resp: 85494

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.5	84.5
127	9.2	6.3	9.5



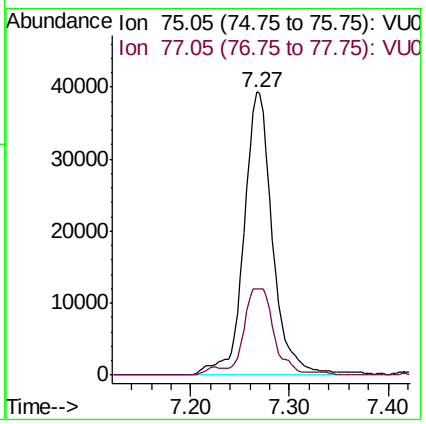


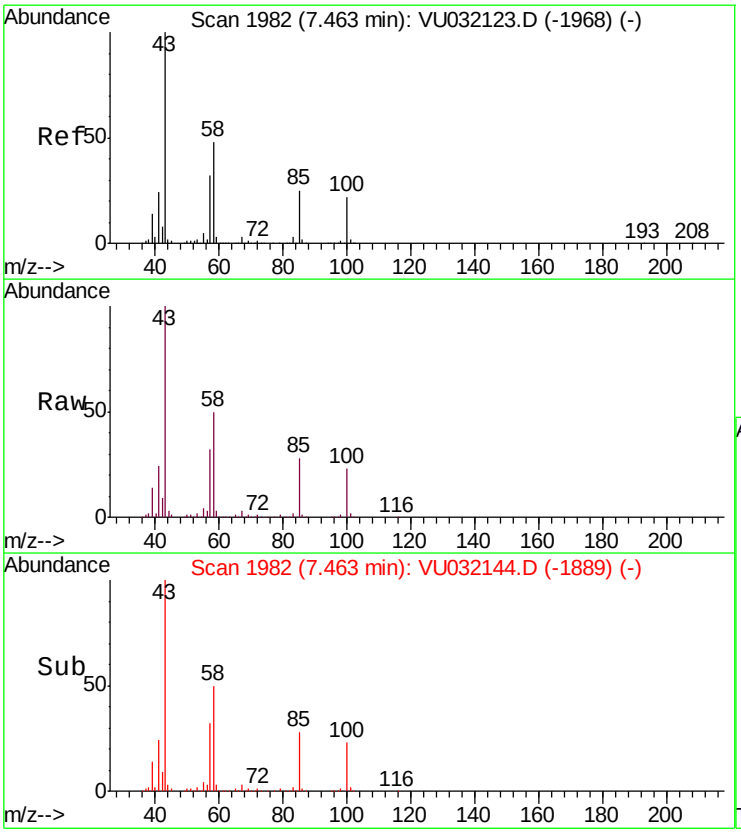
#39
cis-1,3-Dichloropropene
Concen: 4.159 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 75 Resp: 78431

Ion	Ratio	Lower	Upper
75	100		
77	30.6	21.7	40.3

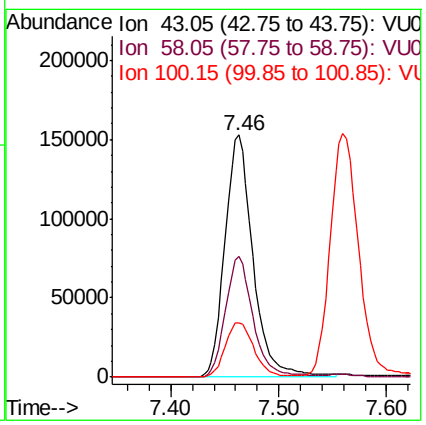


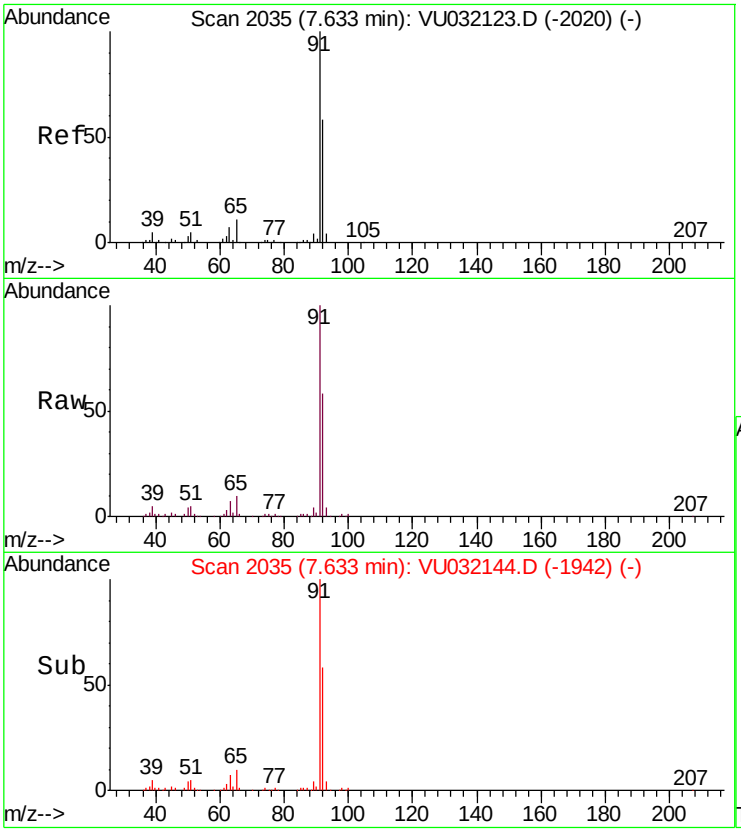


#40
4-Methyl-2-pentanone
Concen: 43.995 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 43 Resp: 278146

Ion	Ratio	Lower	Upper
43	100		
58	48.9	37.3	55.9
100	22.8	15.5	23.3



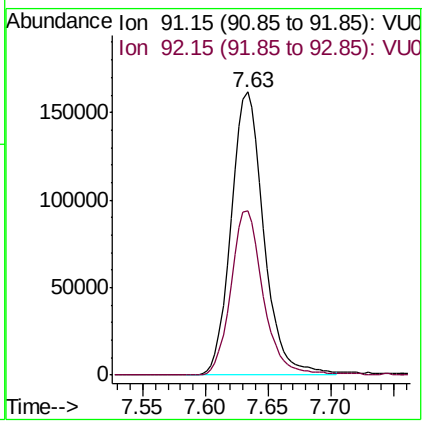


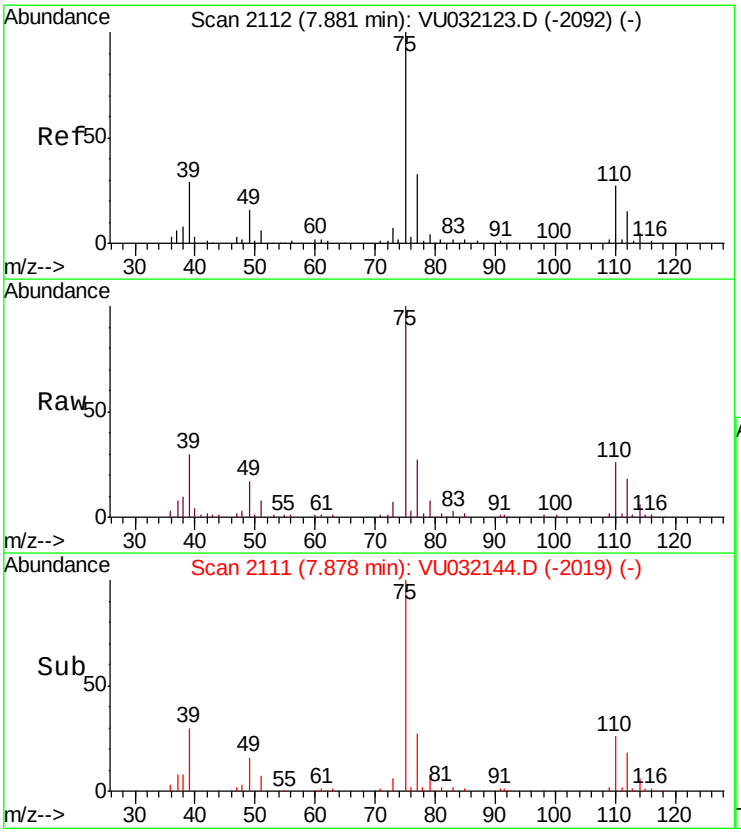
#42
Toluene
Concen: 5.019 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 91 Resp: 293202

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.2	74.6

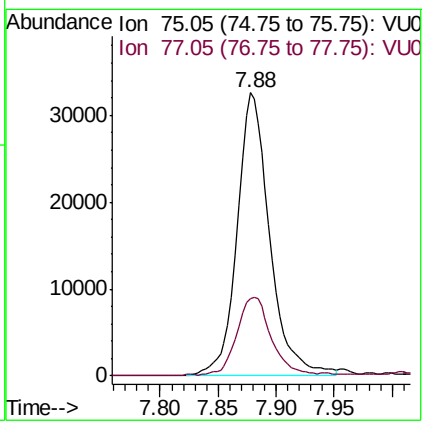


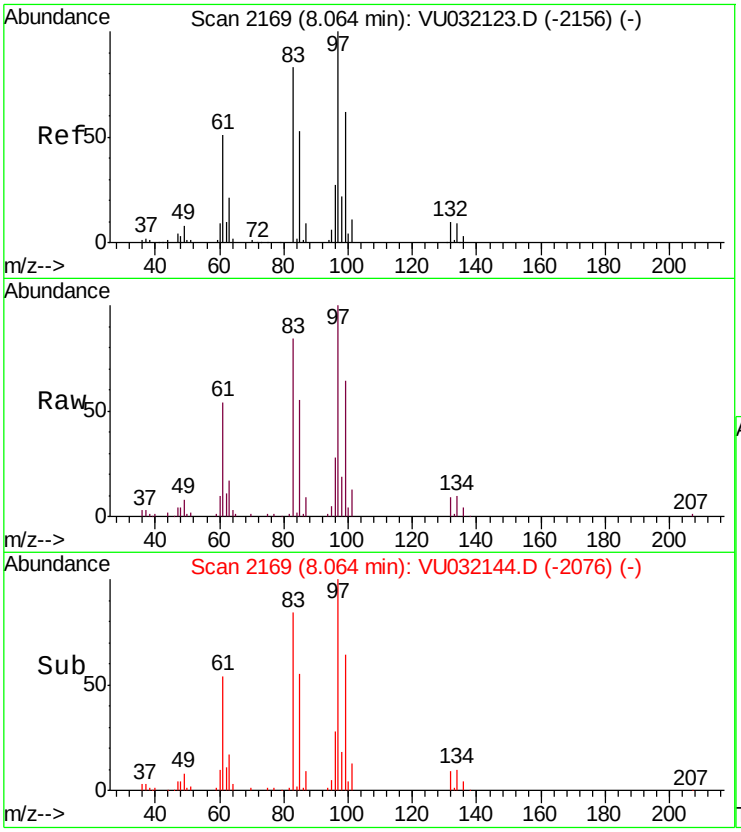


#44
trans-1,3-Dichloropropene
Concen: 4.355 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 75 Resp: 63851

Ion	Ratio	Lower	Upper
75	100		
77	27.4	21.0	39.0



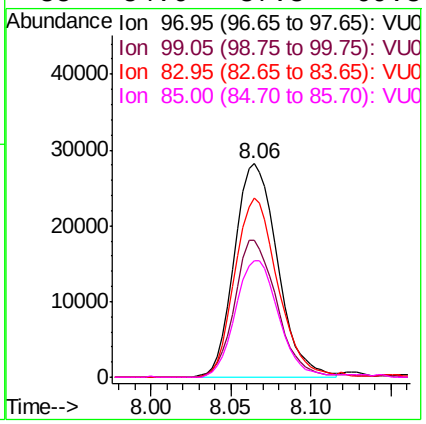


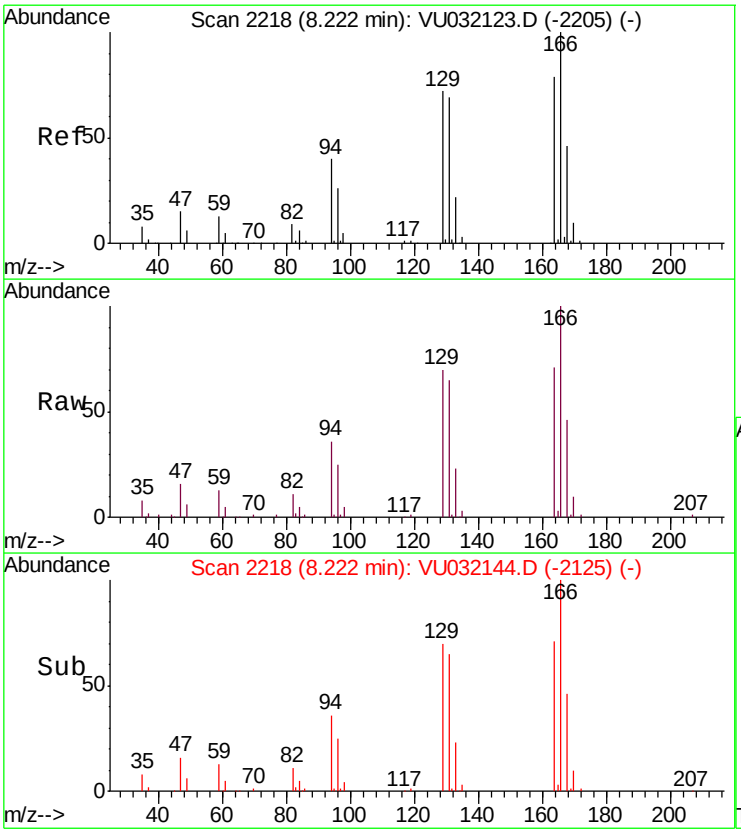
#45
1,1,2-Trichloroethane
Concen: 5.158 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 97 Resp: 51964

Ion	Ratio	Lower	Upper
97	100		
99	64.3	40.7	75.7
83	83.9	59.6	110.8
85	54.6	37.3	69.3

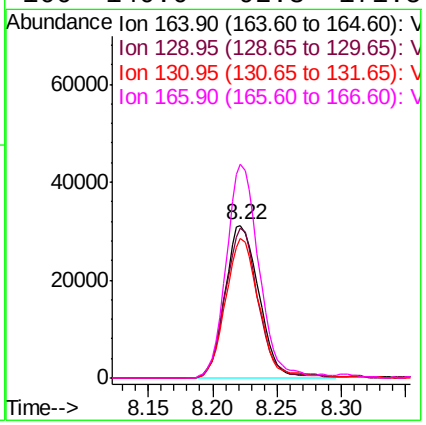


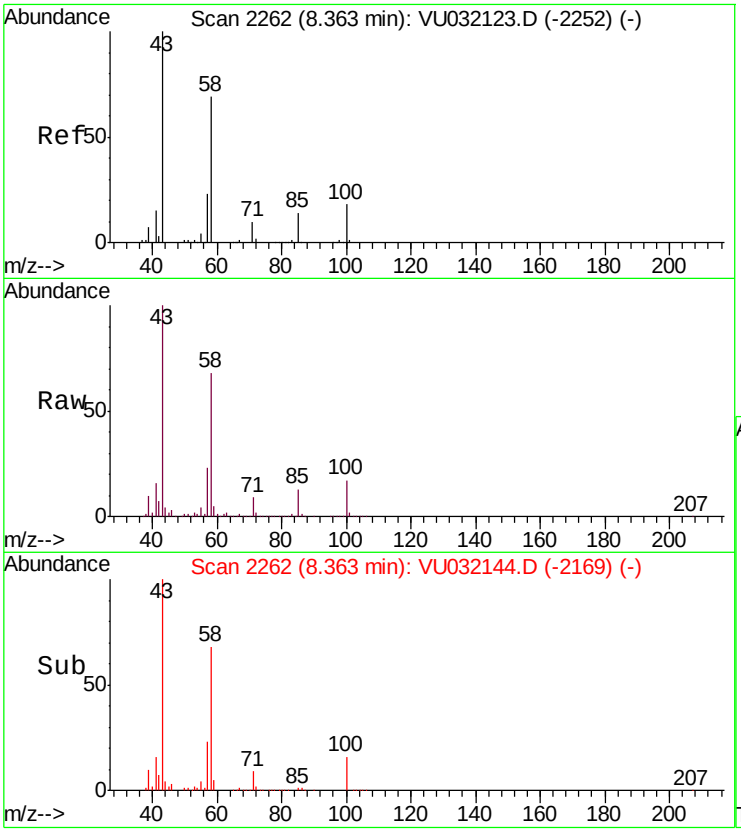


#47
Tetrachloroethene
Concen: 5.071 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:164 Resp: 57360

Ion	Ratio	Lower	Upper
164	100		
129	98.4	70.3	130.5
131	91.1	64.5	119.9
166	140.0	92.3	171.5



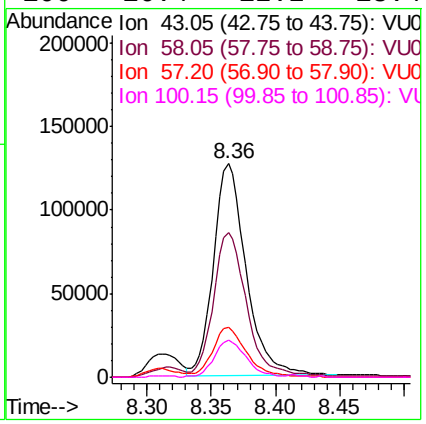


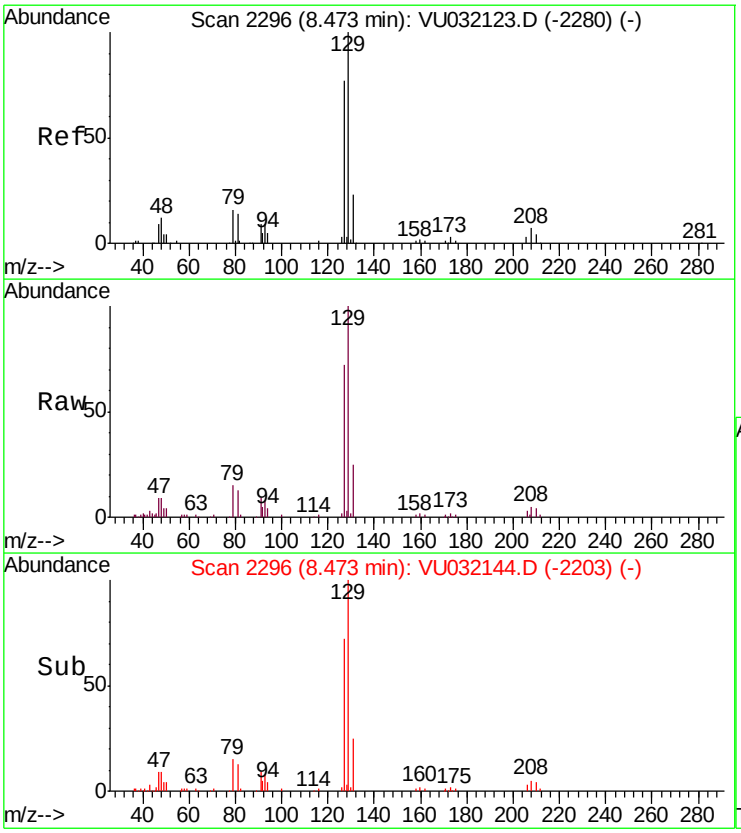
#48
2-Hexanone
Concen: 46.053 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion: 43 Resp: 225842

Ion	Ratio	Lower	Upper
43	100		
58	67.8	51.6	77.4
57	24.5	18.4	27.6
100	16.4	12.2	18.4

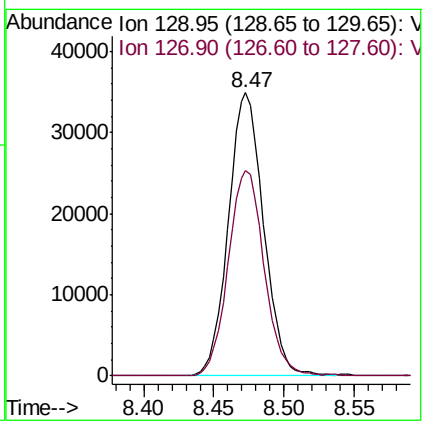


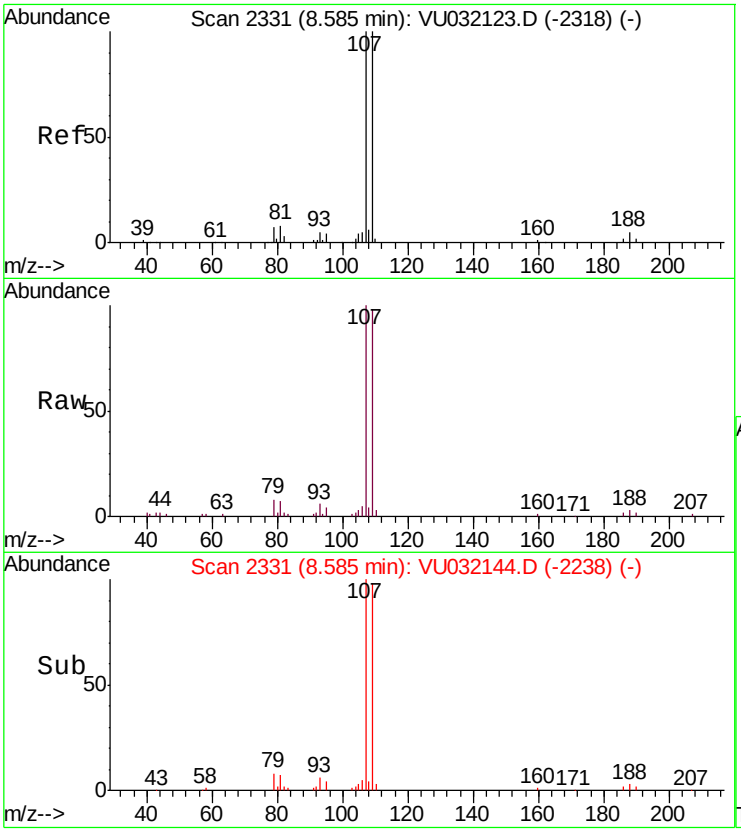


#49
Dibromochloromethane
Concen: 5.250 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:129 Resp: 60957

Ion	Ratio	Lower	Upper
129	100		
127	72.4	55.2	102.6



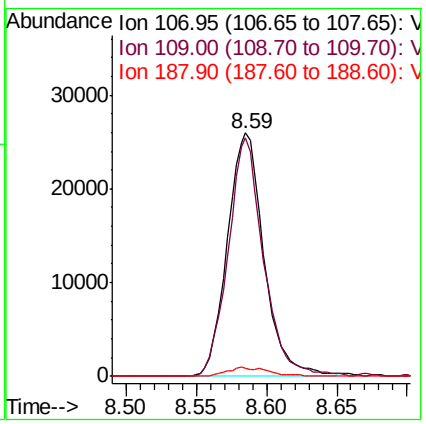


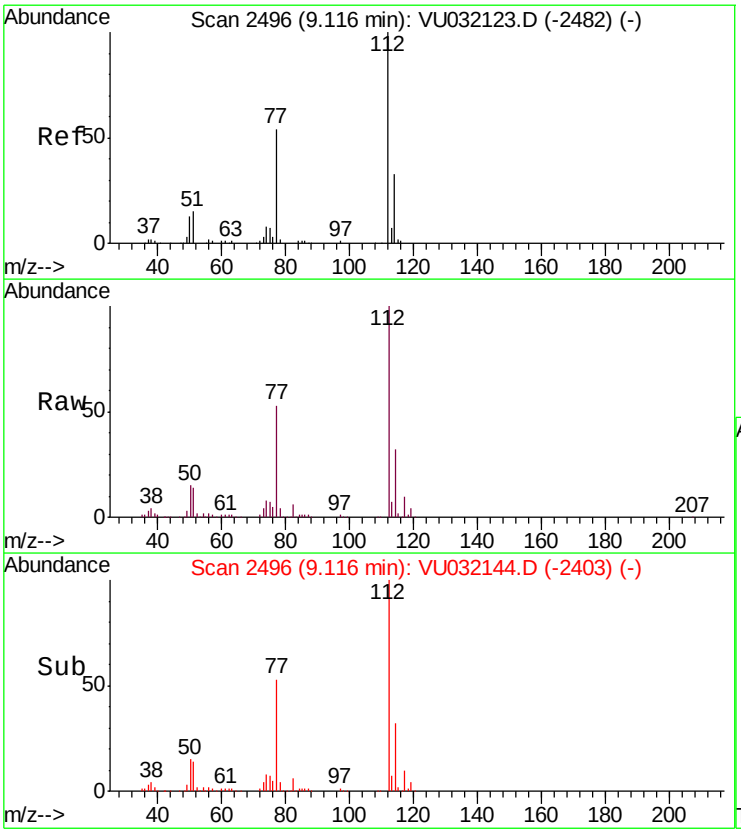
#50
1,2-Dibromoethane
Concen: 4.857 ug/L
RT: 8.59 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion:107 Resp: 46894

Ion	Ratio	Lower	Upper
107	100		
109	98.2	67.8	125.8
188	3.3	3.5	5.3#

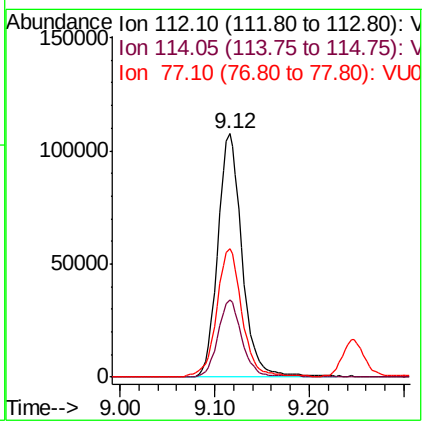


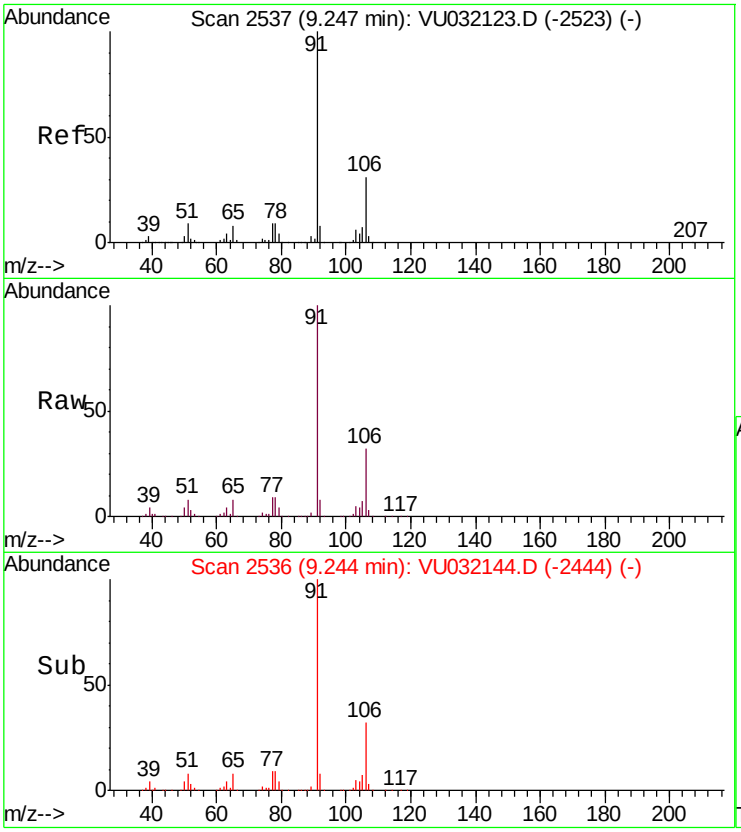


#51
Chlorobenzene
Concen: 5.194 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:112 Resp: 191645

Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.6	40.2
77	52.8	50.3	75.5



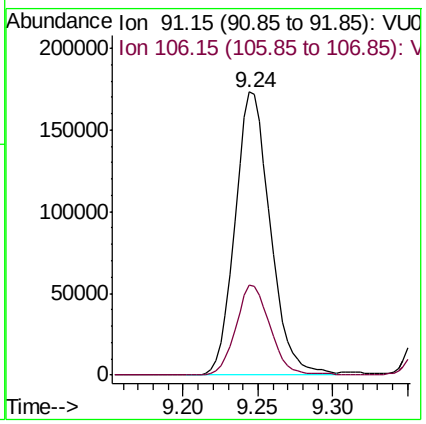


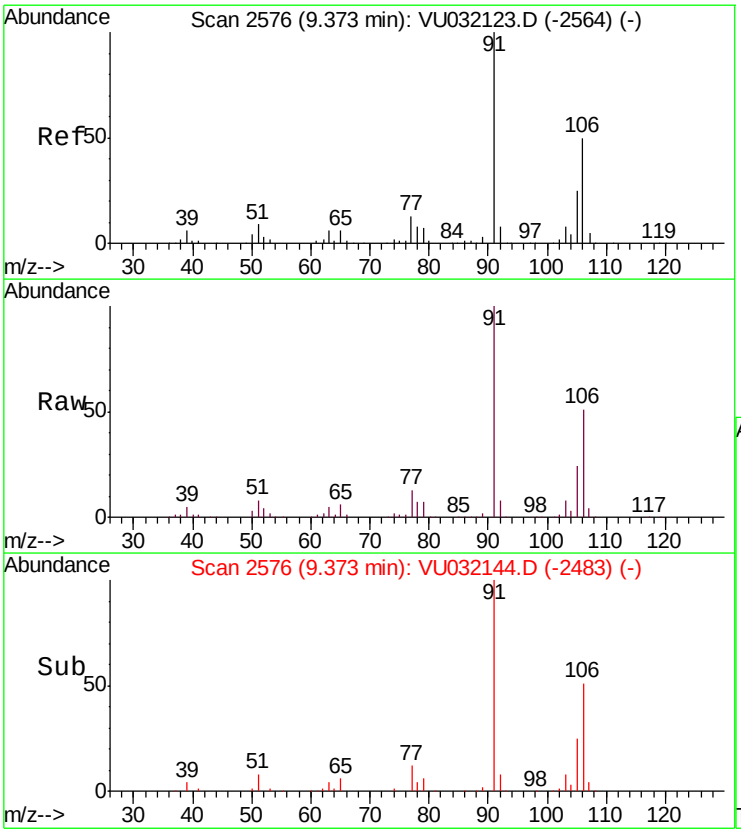
#52
Ethylbenzene
Concen: 4.851 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 91 Resp: 284272

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.3	39.6

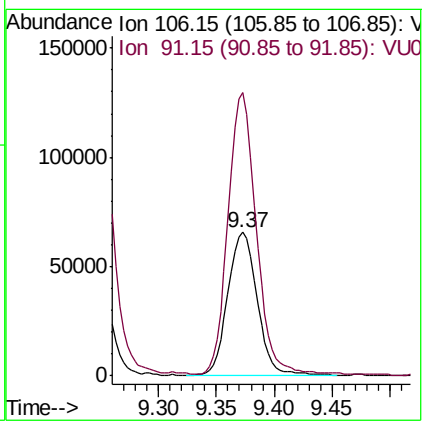


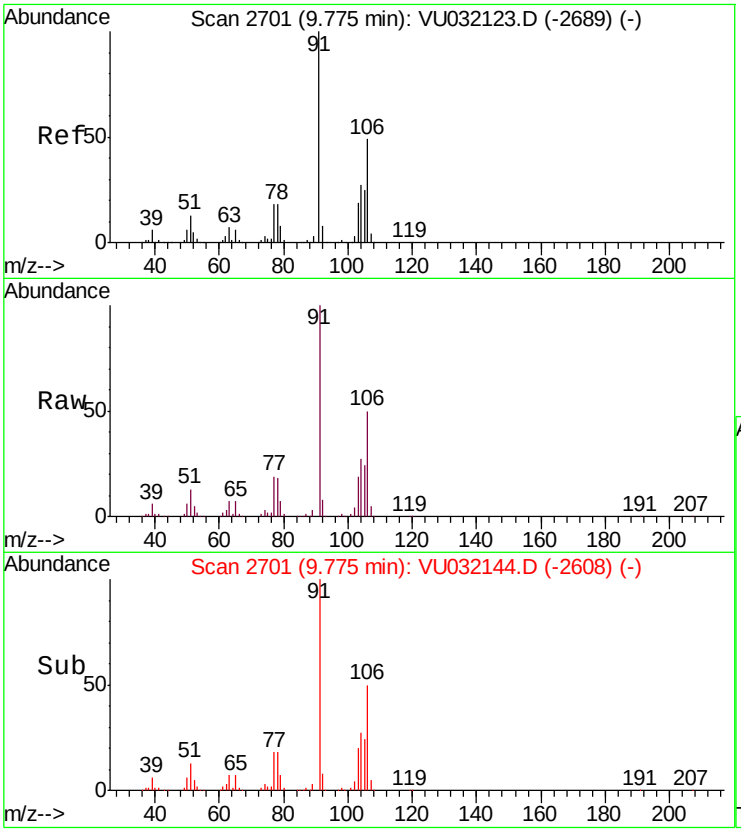


#53
m,p-Xylene
Concen: 5.103 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:106 Resp: 113598

Ion	Ratio	Lower	Upper
106	100		
91	197.1	143.1	265.9



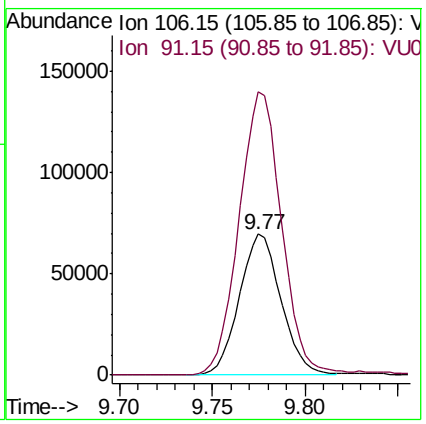


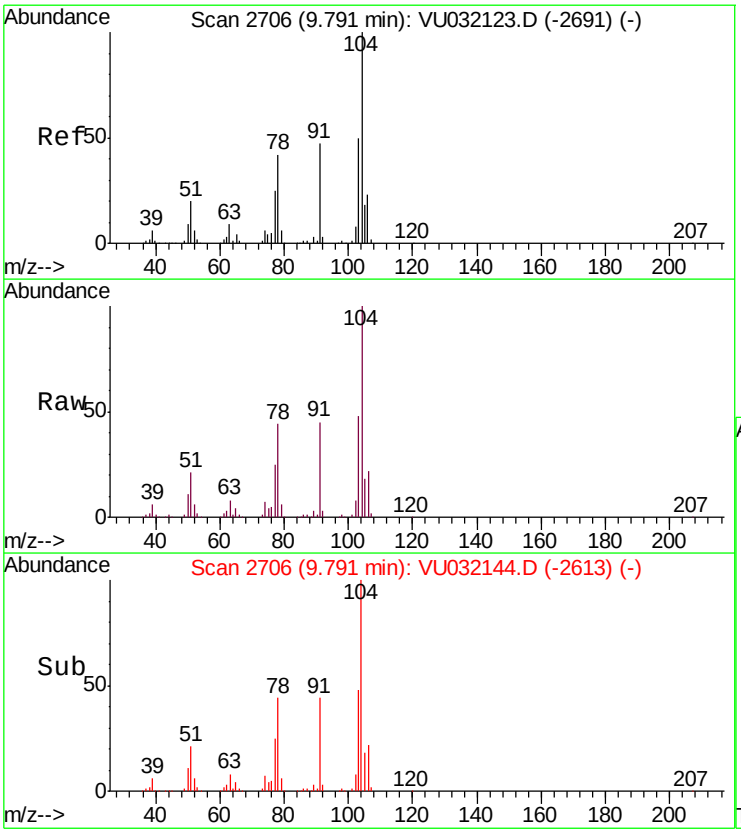
#54
o-Xylene
Concen: 5.077 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:106 Resp: 108945

Ion	Ratio	Lower	Upper
106	100		
91	200.4	152.9	283.9

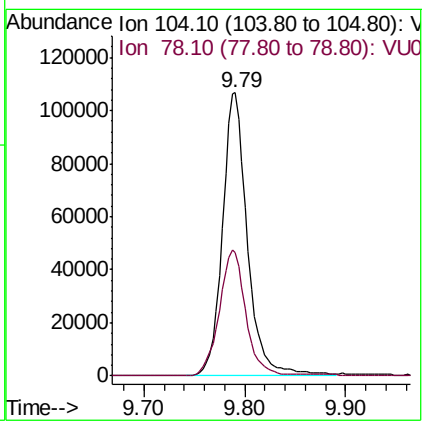


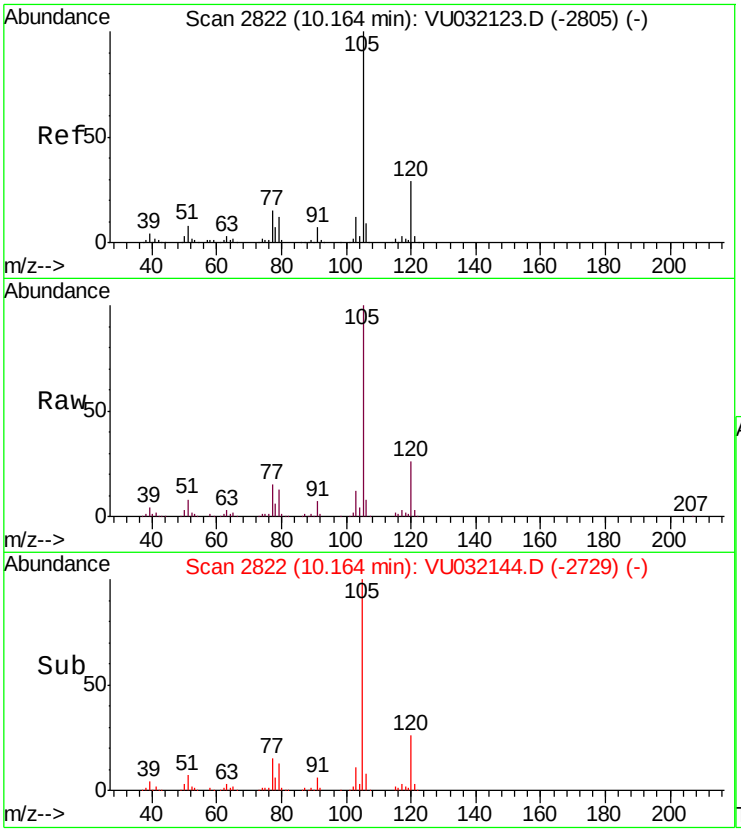


#55
Styrene
Concen: 5.080 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:104 Resp: 184845

Ion	Ratio	Lower	Upper
104	100		
78	43.5	31.2	58.0



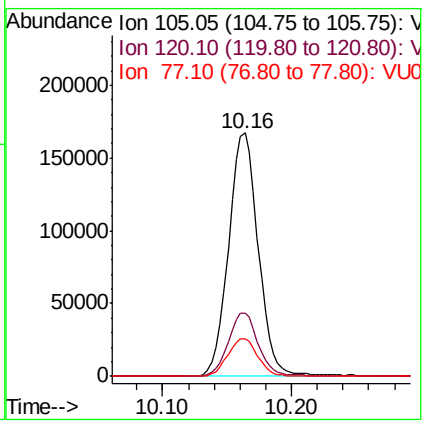


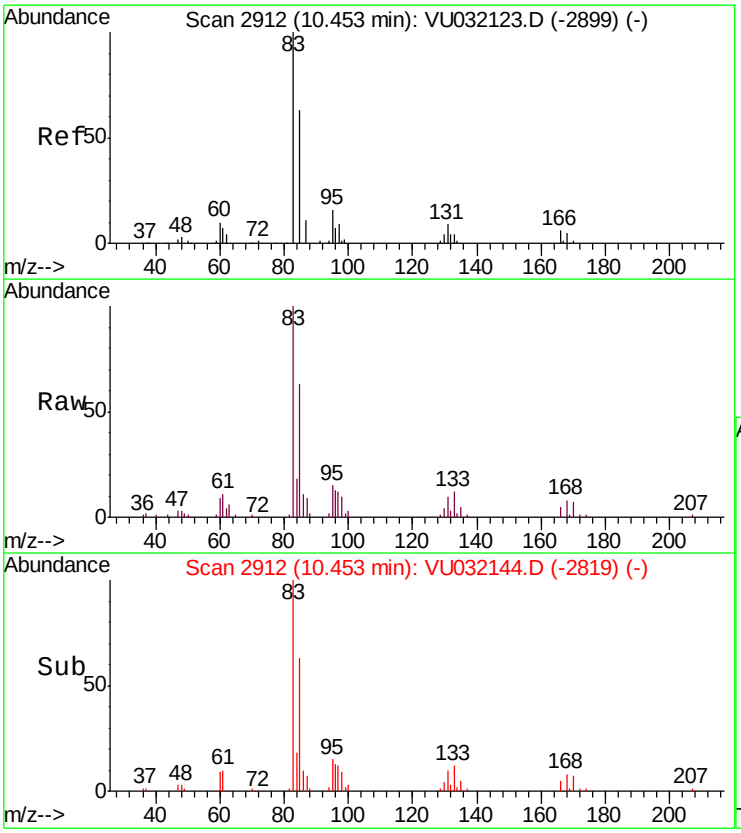
#56
Isopropylbenzene
Concen: 4.871 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:105 Resp: 267147

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.7	31.1
77	15.7	12.3	18.5

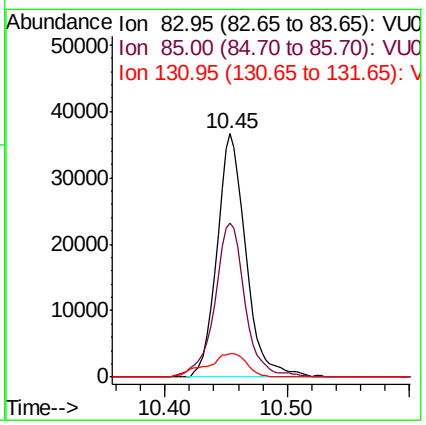


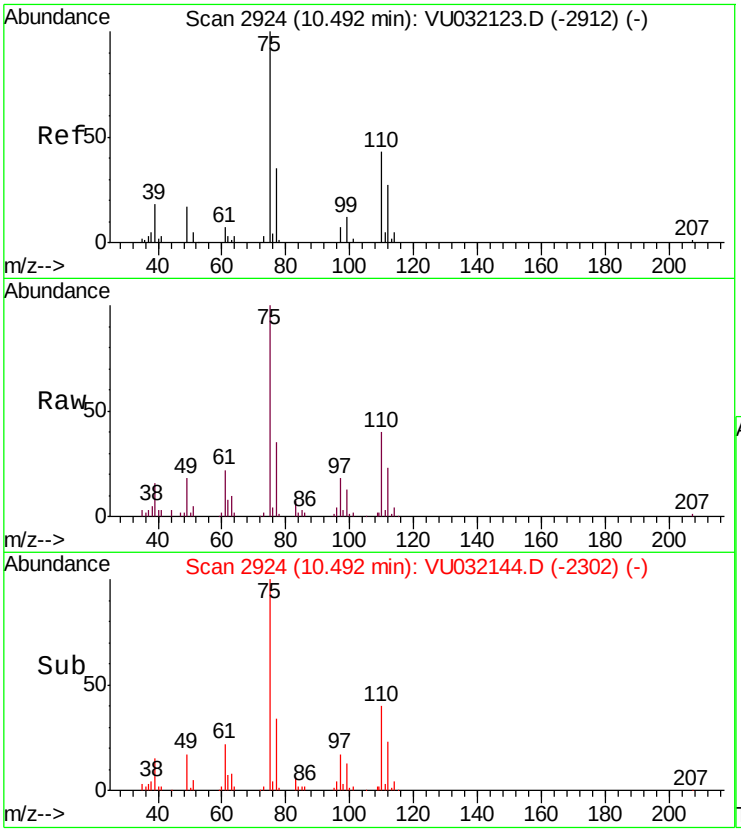


#58
1,1,2,2-Tetrachloroethane
Concen: 4.845 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 83 Resp: 60898

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.3	82.3
131	9.7	7.4	11.2



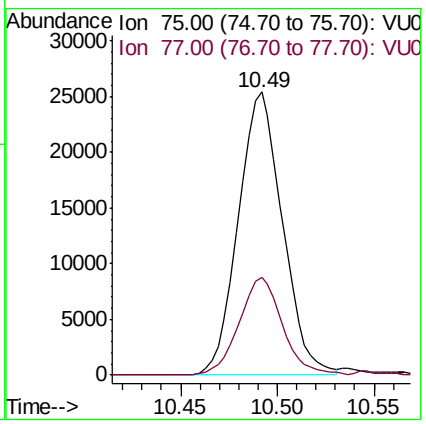


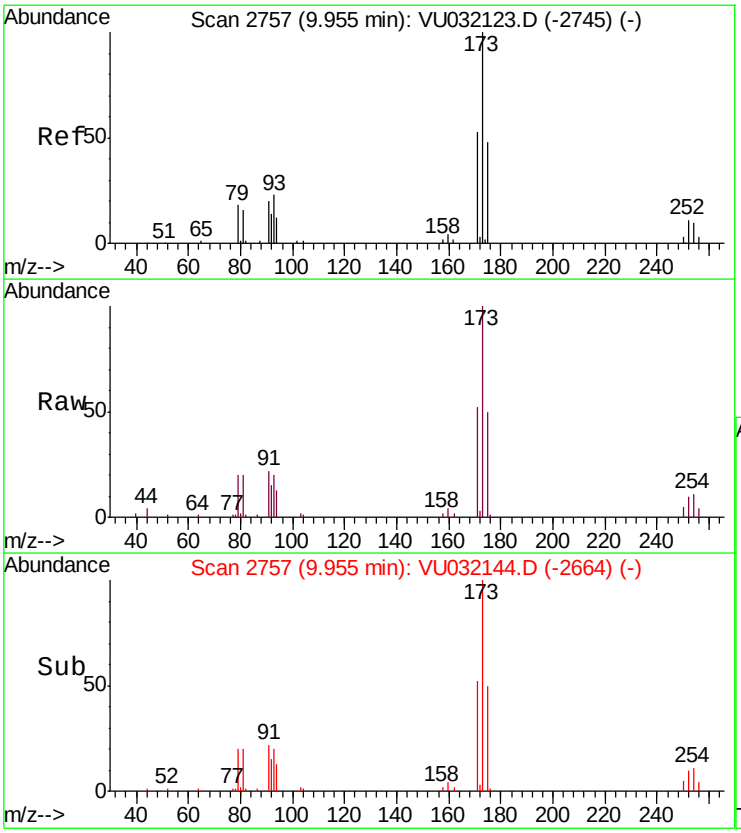
#59
1,2,3-Trichloropropane
Concen: 4.662 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion: 75 Resp: 40381

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.2	39.2

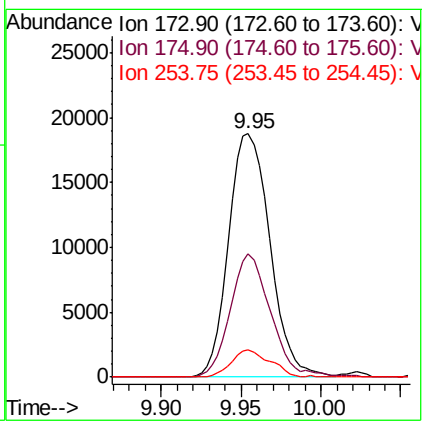


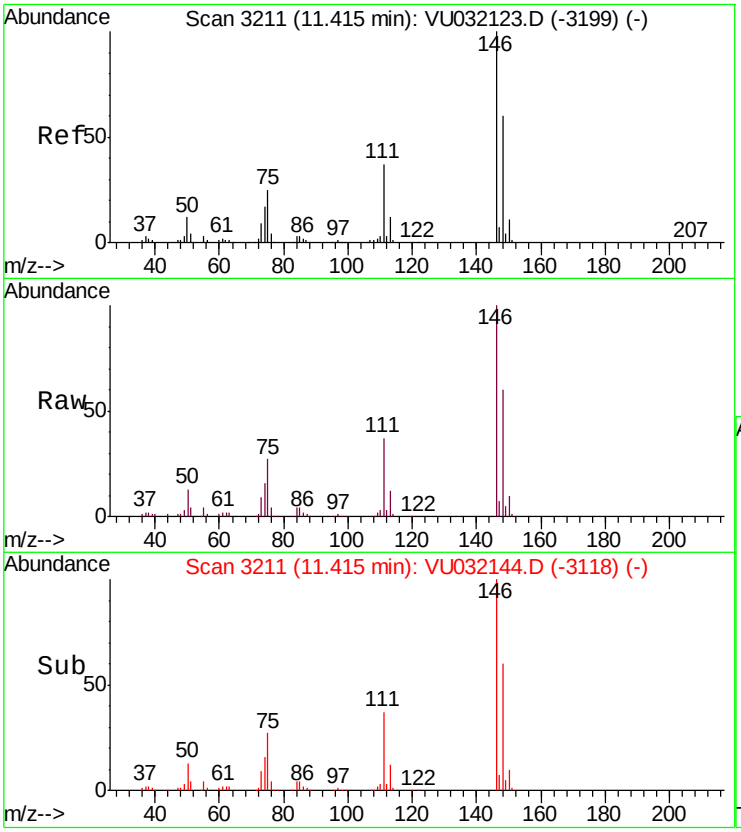


#61
Bromoform
Concen: 5.220 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:173 Resp: 33118

Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.0	57.0
254	10.3	7.8	11.6



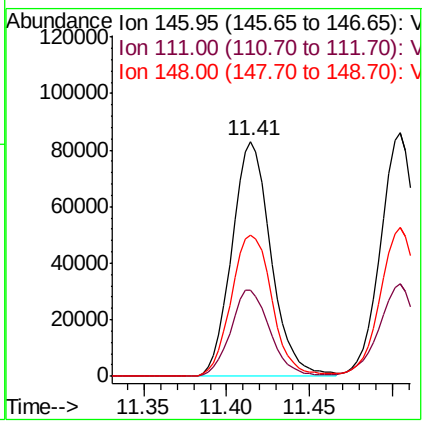


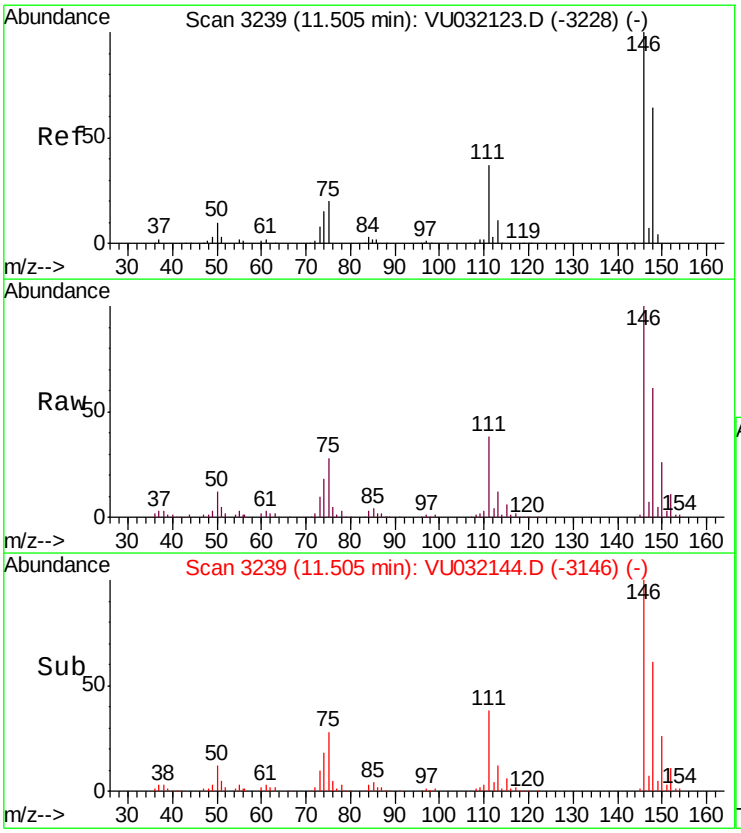
#62
1,3-Dichlorobenzene
Concen: 5.177 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Tgt Ion:146 Resp: 136369

Ion	Ratio	Lower	Upper
146	100		
111	36.8	27.7	51.5
148	60.2	44.9	83.3

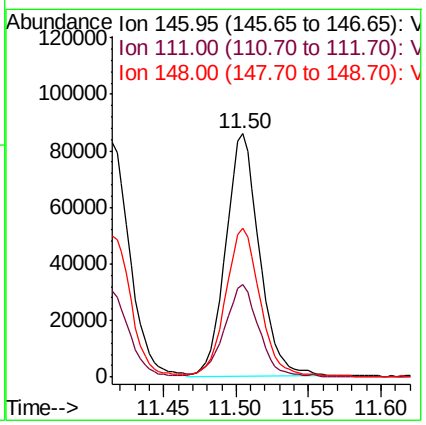


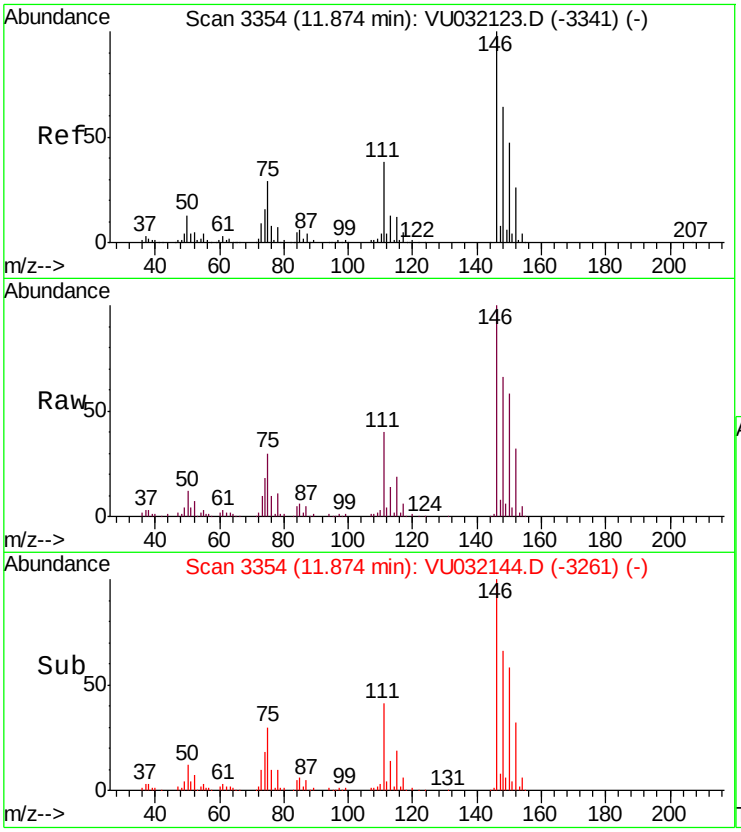


#63
1,4-Dichlorobenzene
Concen: 5.006 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:146 Resp: 137231

Ion	Ratio	Lower	Upper
146	100		
111	38.0	27.1	50.3
148	60.9	45.4	84.4



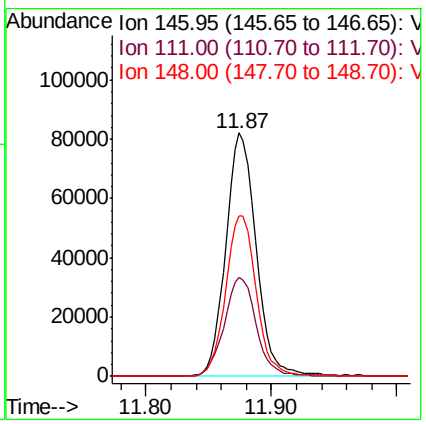


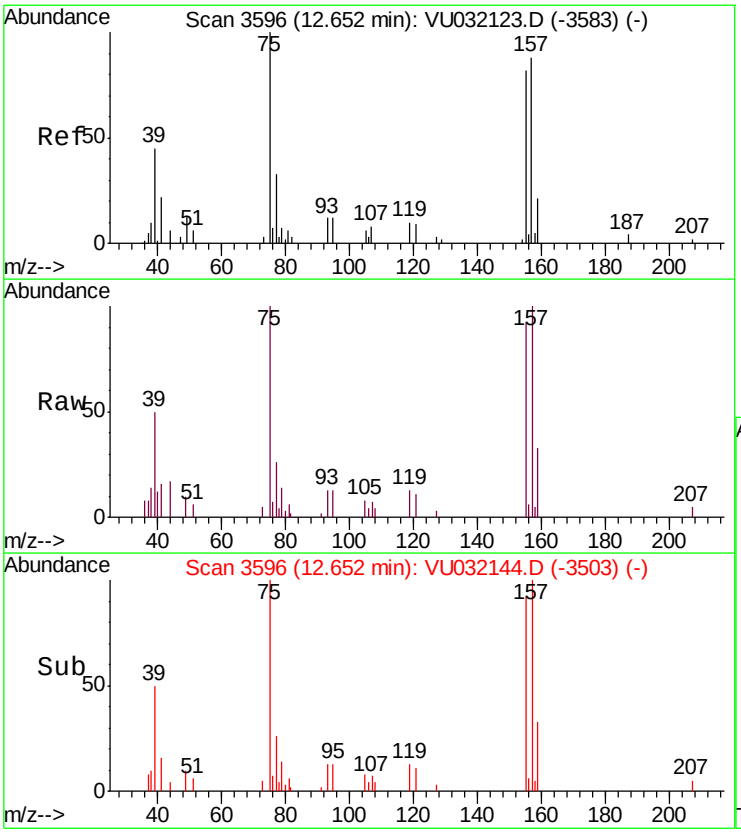
#65
1,2-Dichlorobenzene
Concen: 5.135 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:146 Resp: 137233

Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.5	50.3
148	66.0	50.2	75.4

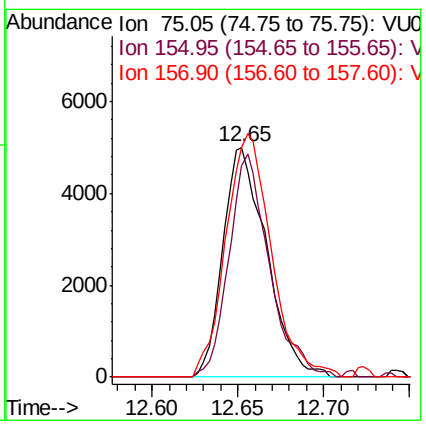


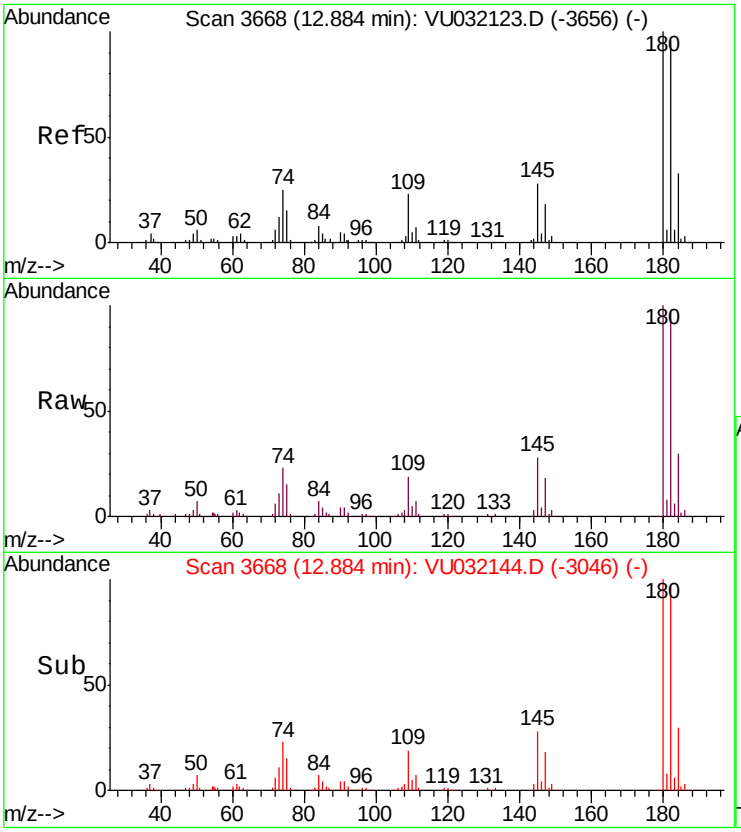


#66
1,2-Dibromo-3-chloropropane
Concen: 5.064 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion: 75 Resp: 8832

Ion	Ratio	Lower	Upper
75	100		
155	92.0	65.0	97.6
157	100.1	84.3	126.5



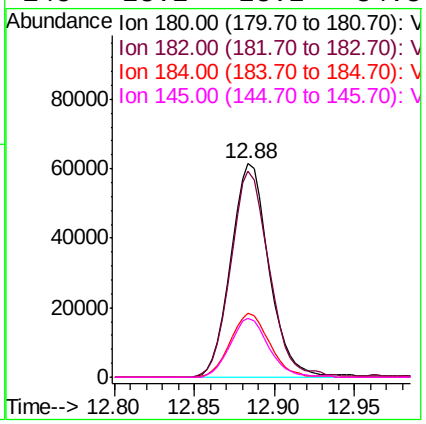


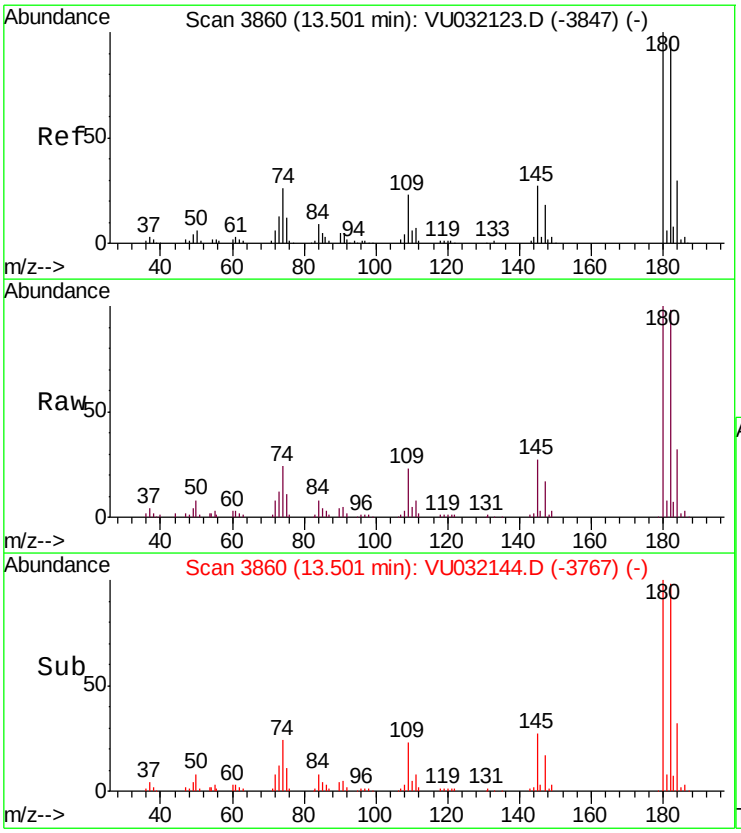
#67
1,3,5-Trichlorobenzene
Concen: 5.068 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:180 Resp: 99365

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.3	115.9
184	30.8	24.5	36.7
145	28.2	23.2	34.8

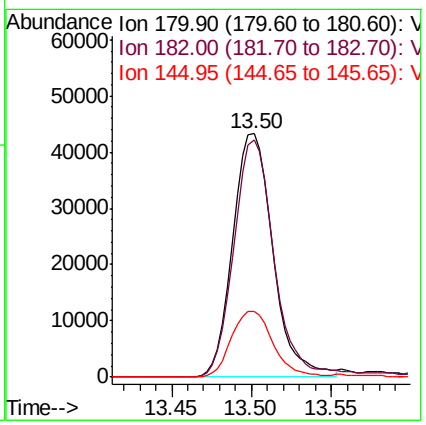


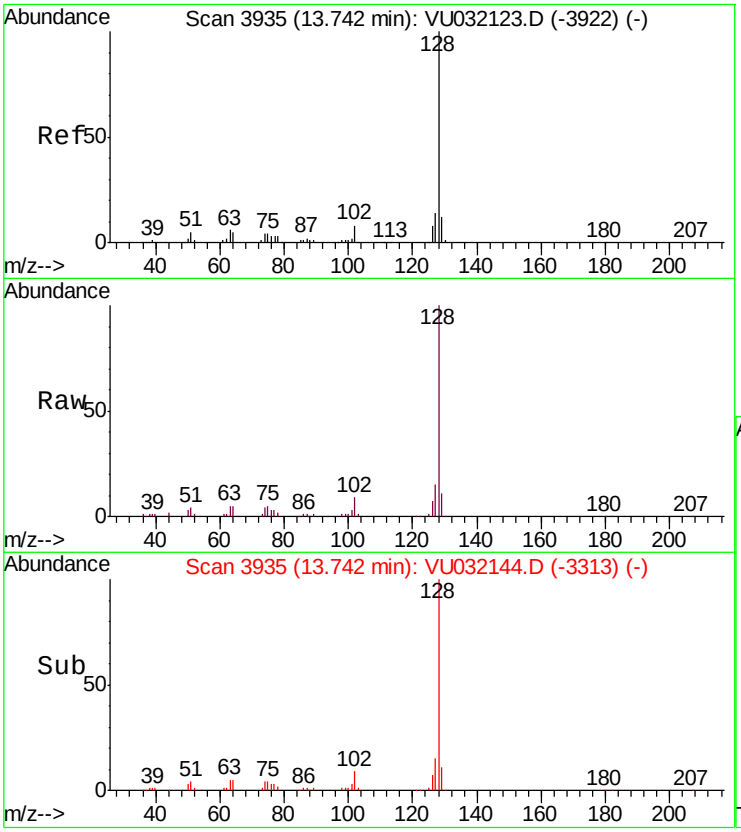


#68
1,2,4-trichlorobenzene
Concen: 5.497 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:180 Resp: 74506

Ion	Ratio	Lower	Upper
180	100		
182	98.9	78.4	117.6
145	28.0	23.5	35.3



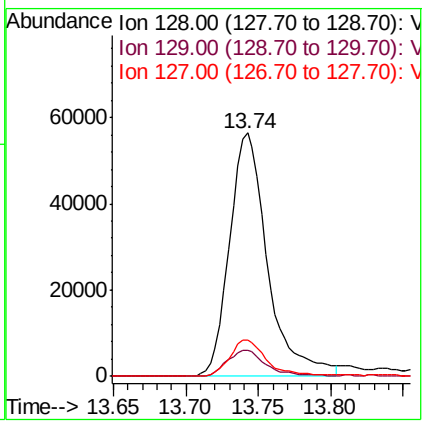


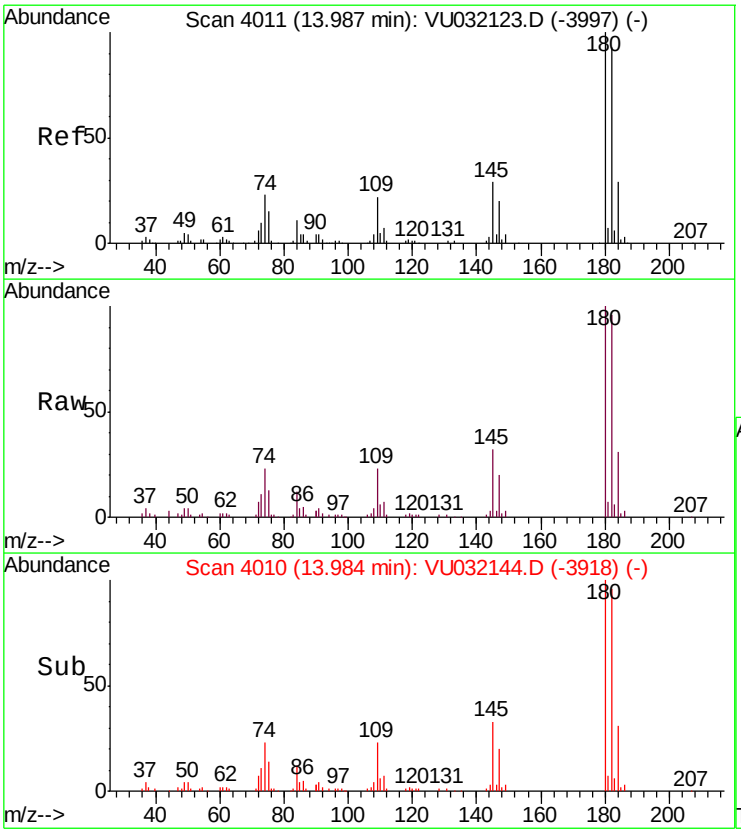
#69
Naphthalene
Concen: 4.888 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:128 Resp: 103050

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.0	12.0
127	14.4	10.1	15.1





#70
1,2,3-Trichlorobenzene
Concen: 5.712 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU032144.D
Acq: 18 May 2019 10:49

Tgt Ion:180 Resp: 78589

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	30.1	25.2	37.8