Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\

Quantitation Report (Not Reviewed)

Data File : VU032257.D
Acq On : 23 May 2019 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: May 24 01:34:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	366648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171368	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	90916	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.68	69	90732	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.27	63	176606	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.00%			
20) 2-Butanone-d5	4.21	46	288603	49.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.38%			
24) Chloroform-d	4.64	84	253699	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.31	65	136582	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.33	84	487970	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.33	67	162693	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.56	98	499257	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.85	79	64984	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.31	63	259850	52.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166424	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	224714	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	81308	5.188	ug/L	99
3) Chloromethane	1.32	50	73893	4.702	ug/L	99
5) Vinyl chloride	1.40	62	79584	5.015	ug/L	97
6) Bromomethane	1.63	94	47992	4.773	ug/L	90
8) Chloroethane	1.70	64	49702	4.934	ug/L	97
9) Trichlorofluoromethane	1.88	101	108472	5.272	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66755	5.142	ug/L	99
12) 1,1-Dichloroethene	2.28	96	64439	4.939	ug/L	86
13) Acetone	2.34	43	88814	49.355	ug/L	95
14) Carbon disulfide	2.47	76	200848	4.968	ug/L	99
15) Methyl Acetate	2.62	43	23314	4.415	ug/L	95
16) Methylene chloride	2.69	84	72022	4.138	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	150949	5.131	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	70934	5.065	ug/L	97
19) 1,1-Dichloroethane	3.44	63	112607	5.206	ug/L	96
21) 2-Butanone	4.29	43	134786	49.650	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	67494	4.937	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\

Quantitation Report (Not Reviewed)

Data File : VU032257.D
Acq On : 23 May 2019 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: May 24 01:34:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	32620	5.399	ug/L		94
25) Chloroform	4.67	83	119856	5.131	ug/L		94
27) 1,2-Dichloroethane	5.40	62	66164	4.866	ug/L		100
29) 1,1,1-Trichloroethane	4.91	97	100307	5.207	ug/L		97
30) Cyclohexane	4.98	56	83703	4.648	ug/L		100
31) Carbon tetrachloride	5.12	117	84849	5.000	ug/L		96
33) Benzene	5.38	78	258767	5.155	ug/L		100
34) Trichloroethene	6.18	95	66494	4.935	ug/L		92
35) Methylcyclohexane	6.41	83	92567	4.664	ug/L		96
37) 1,2-Dichloropropane	6.43	63	60277	4.987	ug/L		98
38) Bromodichloromethane	6.76	83	81854	5.211	ug/L	#	99
39) cis-1,3-Dichloropropene	7.27	75	84460	4.907	ug/L		95
40) 4-Methyl-2-pentanone	7.46	43	302251	49.470	ug/L		100
42) Toluene	7.63	91	279599	5.242	ug/L		98
44) trans-1,3-Dichloropropene	7.88	75	71557	5.291	ug/L		96
45) 1,1,2-Trichloroethane	8.07	97	46584	4.991	ug/L		95
47) Tetrachloroethene	8.22	164	55007	4.946	ug/L		94
48) 2-Hexanone	8.36	43	244320	52.136	ug/L		98
49) Dibromochloromethane	8.47	129	54916	5.169	ug/L		98
50) 1,2-Dibromoethane	8.58	107	43875	4.986	ug/L		97
51) Chlorobenzene	9.12	112	173750	5.089	ug/L		98
52) Ethylbenzene	9.25	91	267334	4.979	ug/L		96
53) m,p-Xylene	9.37	106	104499	5.234	ug/L		93
54) o-Xylene	9.77	106	99458	4.985	ug/L		95
55) Styrene	9.79	104	171704	5.143	ug/L		100
56) Isopropylbenzene	10.16	105	252958	5.015	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	57435	5.109	ug/L		97
59) 1,2,3-Trichloropropane	10.49	75	40091	5.093	ug/L		92
61) Bromoform	9.96	173	32302	5.263	ug/L		95
62) 1,3-Dichlorobenzene	11.41	146	124574	4.920	ug/L		97
63) 1,4-Dichlorobenzene	11.50	146	129165	4.864	ug/L		97
65) 1,2-Dichlorobenzene	11.87	146	131904	5.136	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.66	75	8104	4.887	ug/L		99
67) 1,3,5-Trichlorobenzene	12.89	180	100614	5.222	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	68622	5.051	ug/L		99
69) Naphthalene	13.74	128	87558	4.213	ug/L		96
70) 1,2,3-Trichlorobenzene	13.99	180	67416	4.688	ug/L		97

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

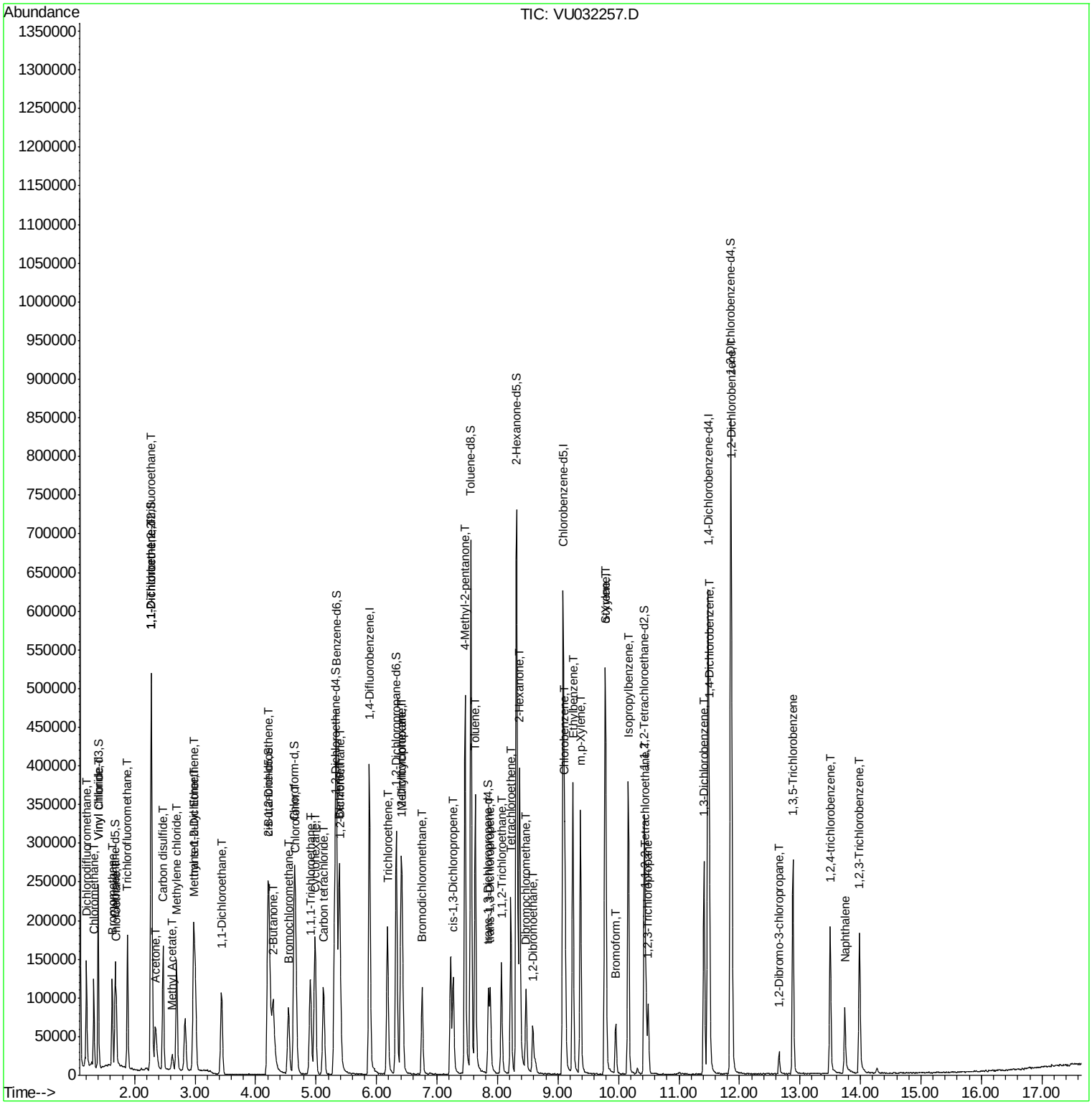
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\

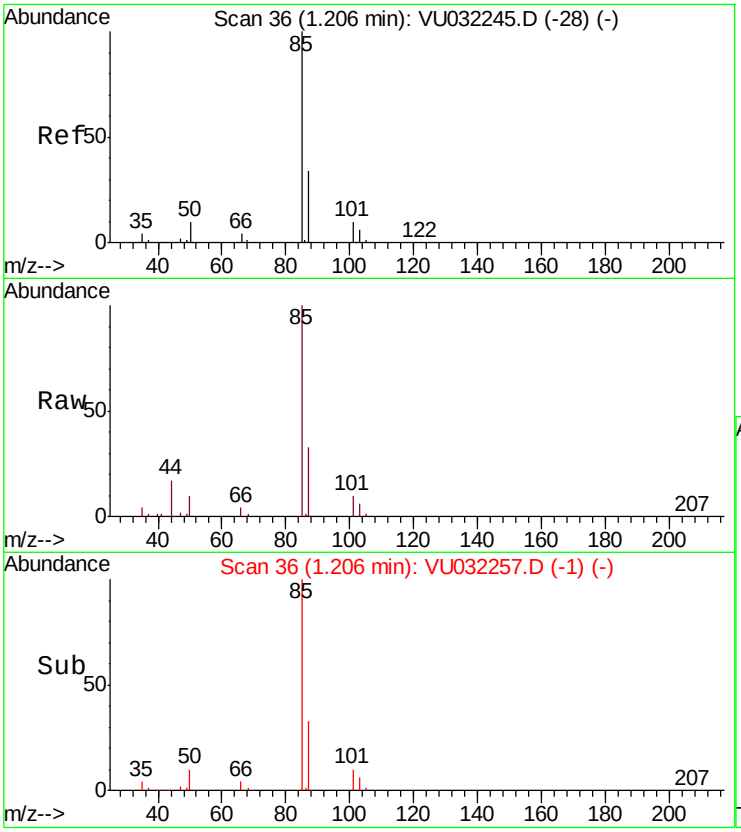
Quantitation Report (Not Reviewed)

Data File : VU032257.D
Acq On : 23 May 2019 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: May 24 01:34:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration



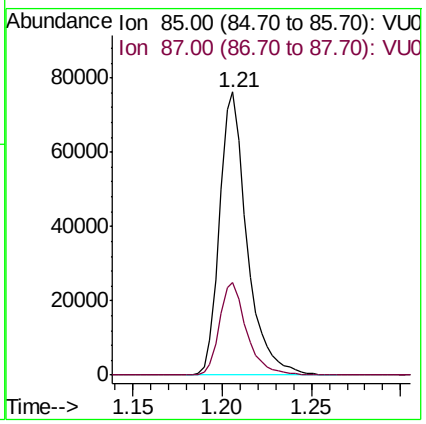


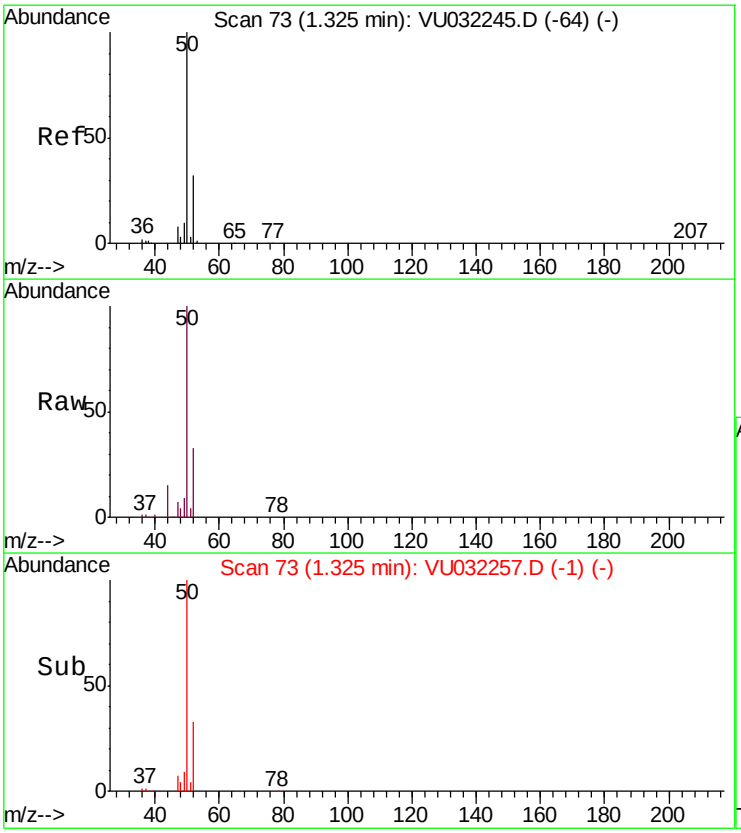
#2
Dichlorodifluoromethane
Concen: 5.188 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 85 Resp: 81308

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.6	39.8

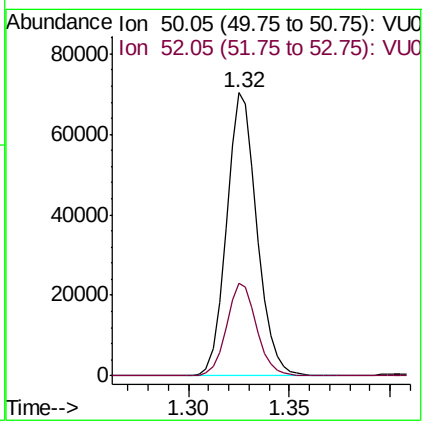


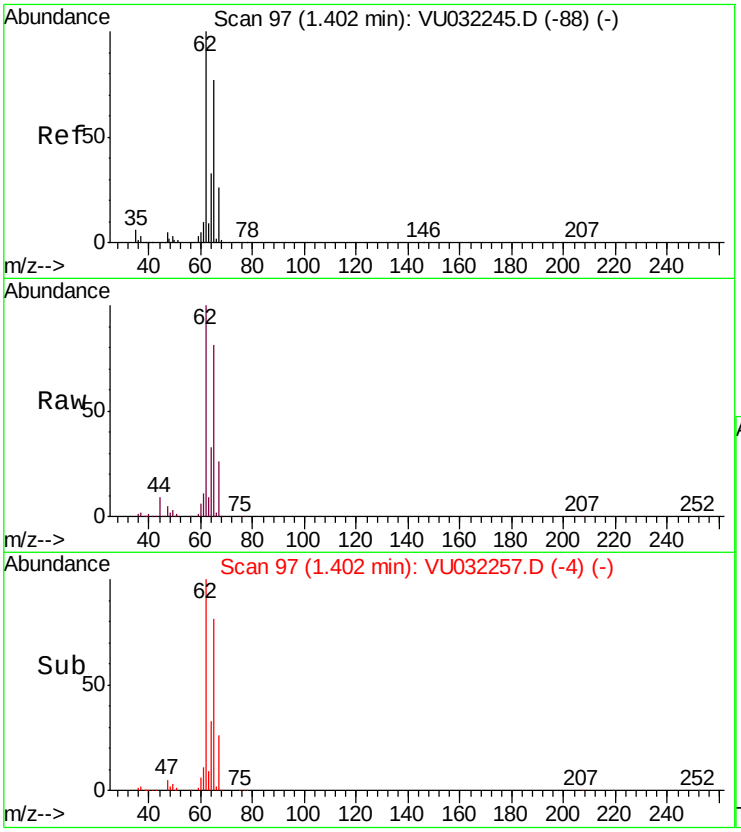


#3
Chloromethane
Concen: 4.702 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 50 Resp: 73893

Ion	Ratio	Lower	Upper
50	100		
52	32.8	23.3	43.3



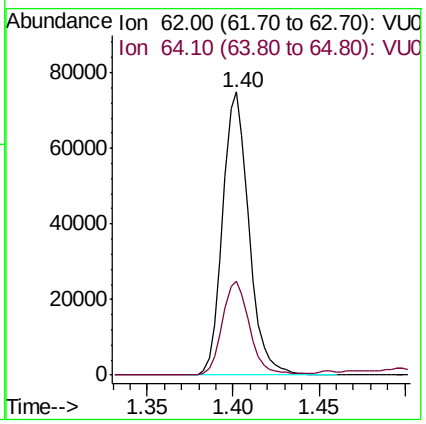


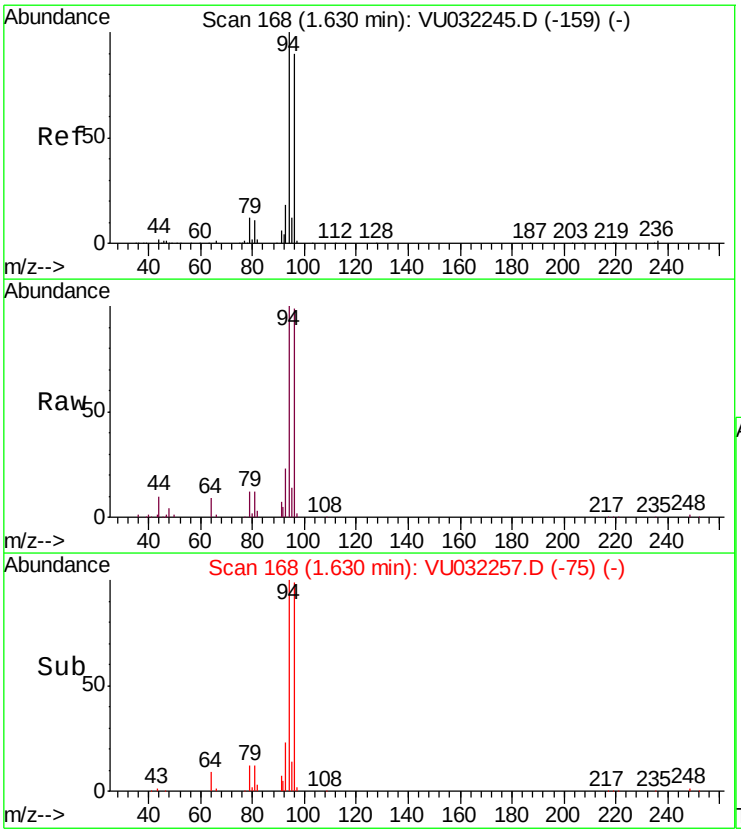
#5
Vinyl chloride
Concen: 5.015 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 62 Resp: 79584

Ion	Ratio	Lower	Upper
62	100		
64	33.0	24.4	45.2

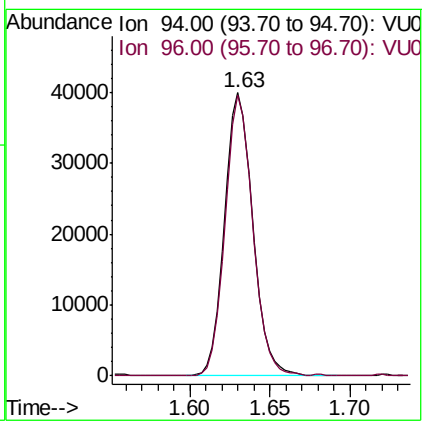


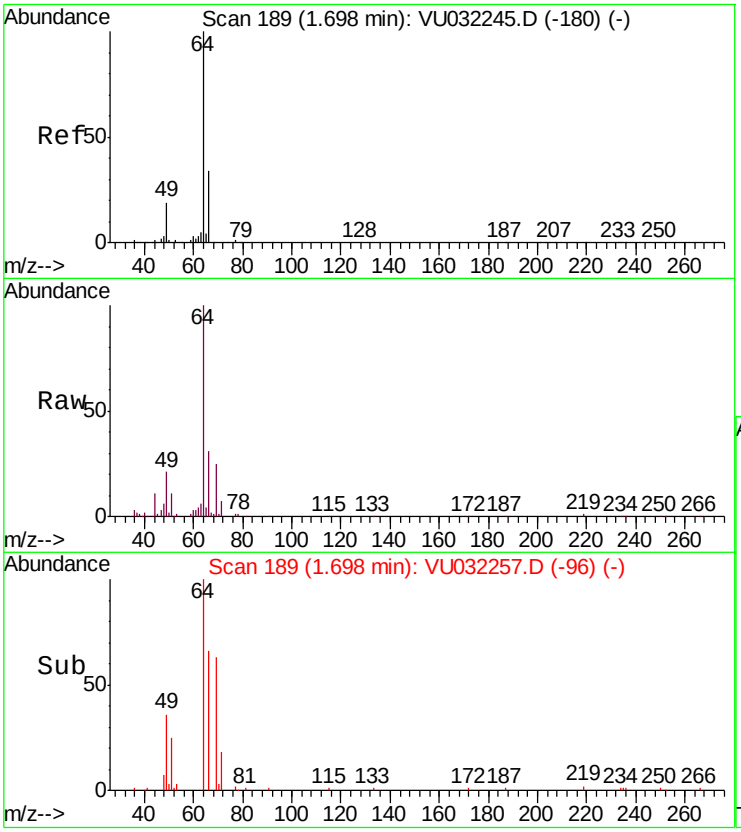


#6
Bromomethane
Concen: 4.773 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 94 Resp: 47992

Ion	Ratio	Lower	Upper
94	100		
96	99.4	63.0	117.0



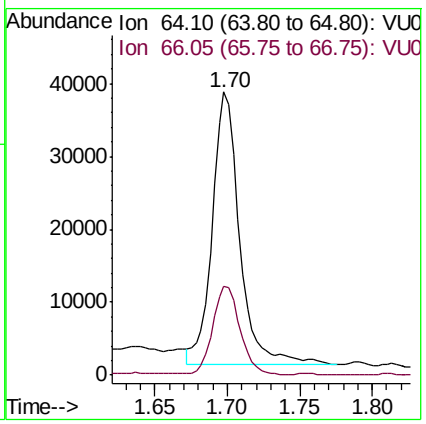


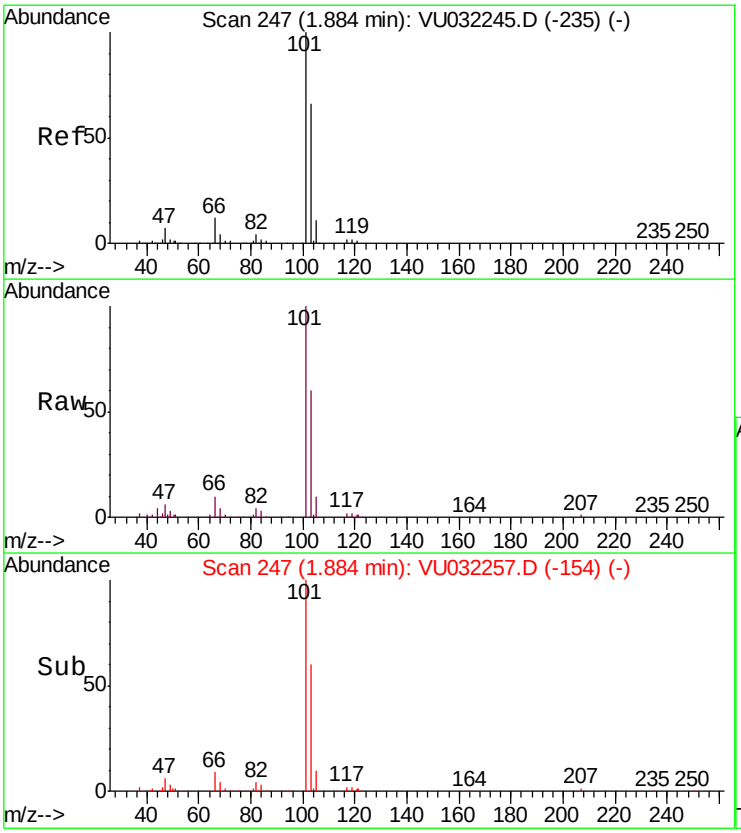
#8
Chloroethane
Concen: 4.934 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 64 Resp: 49702

Ion	Ratio	Lower	Upper
64	100		
66	31.4	23.1	42.9

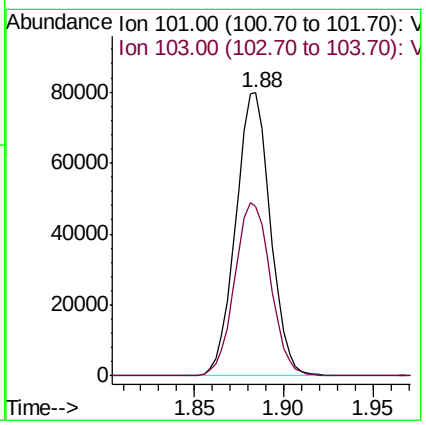


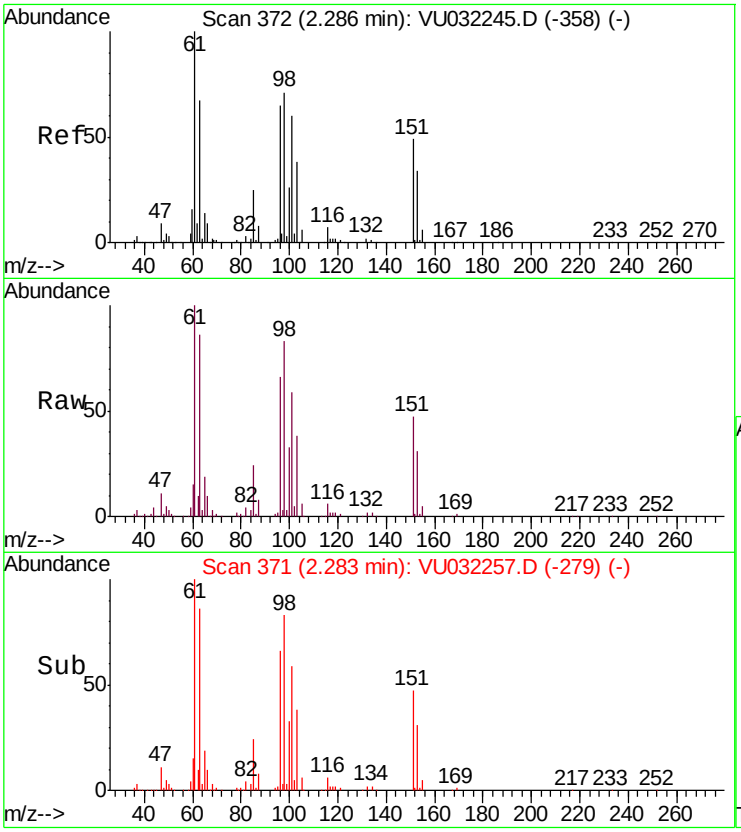


#9
Trichlorofluoromethane
Concen: 5.272 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:101 Resp: 108472

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.9	77.9



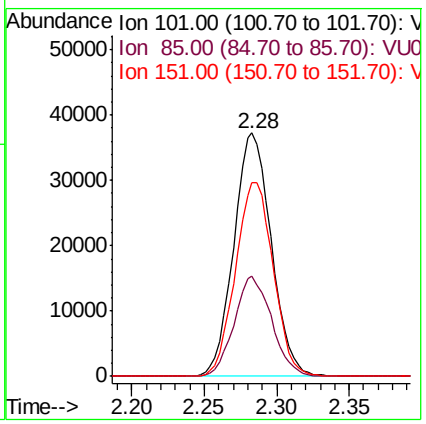


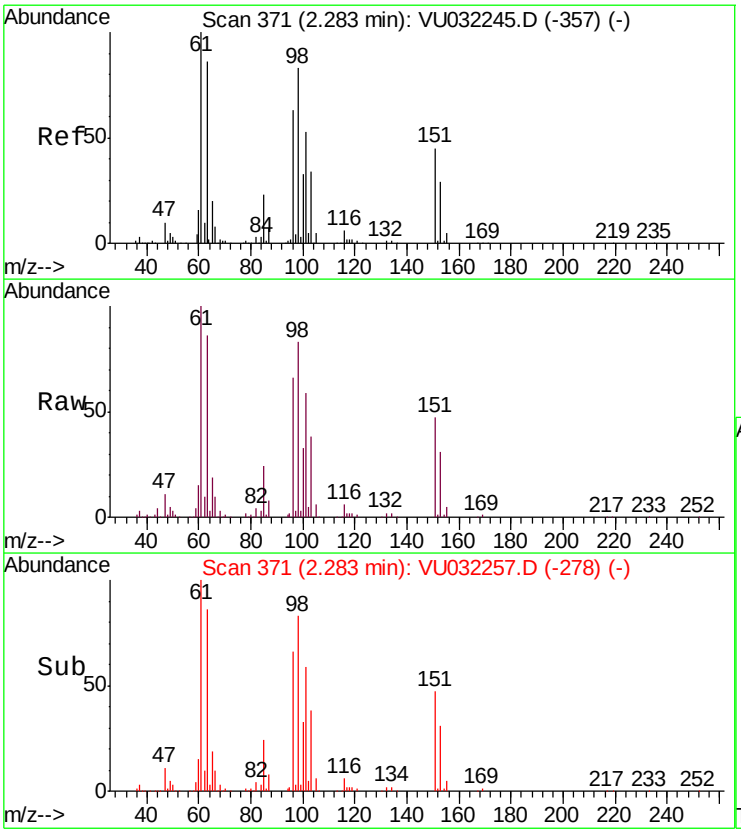
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.142 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:101 Resp: 66755

Ion	Ratio	Lower	Upper
101	100		
85	41.0	34.2	51.4
151	80.5	64.4	96.6

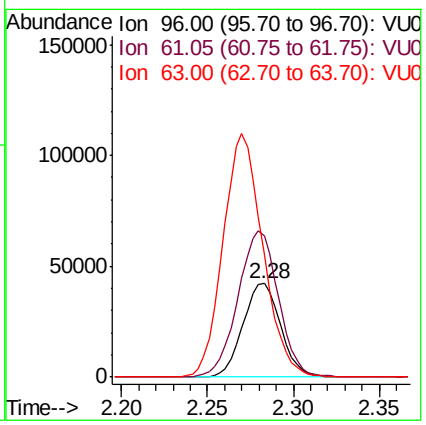


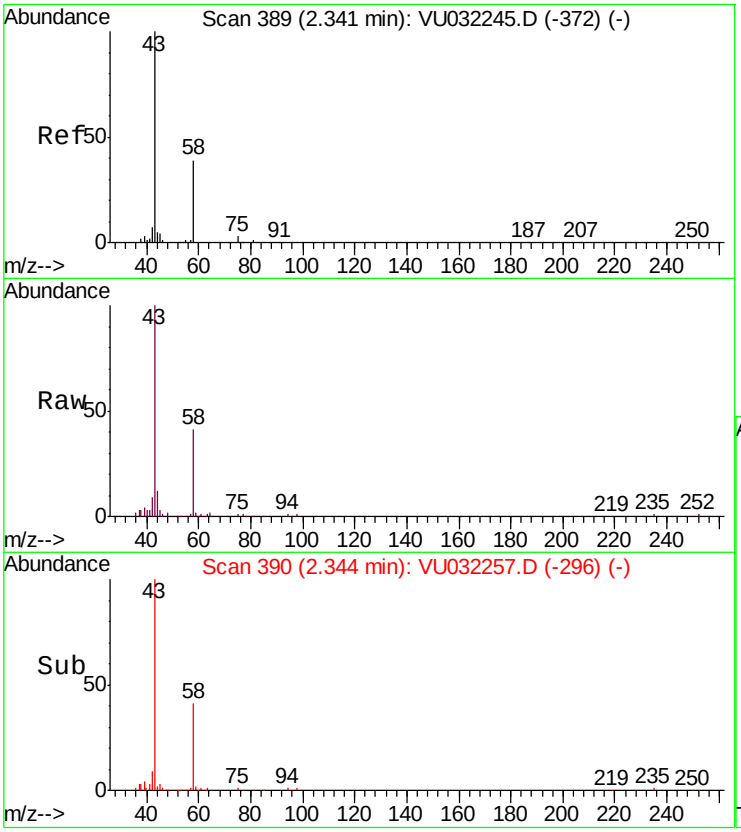


#12
1,1-Dichloroethene
Concen: 4.939 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 96 Resp: 64439

Ion	Ratio	Lower	Upper
96	100		
61	150.6	113.8	211.3
63	130.3	108.8	202.2



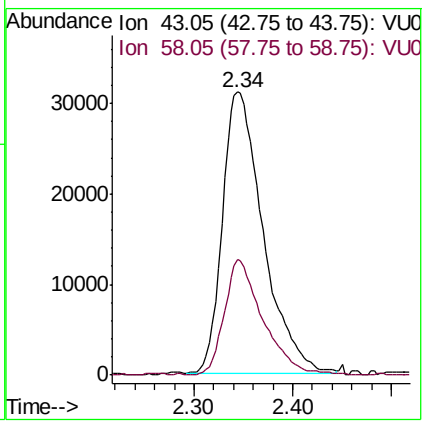


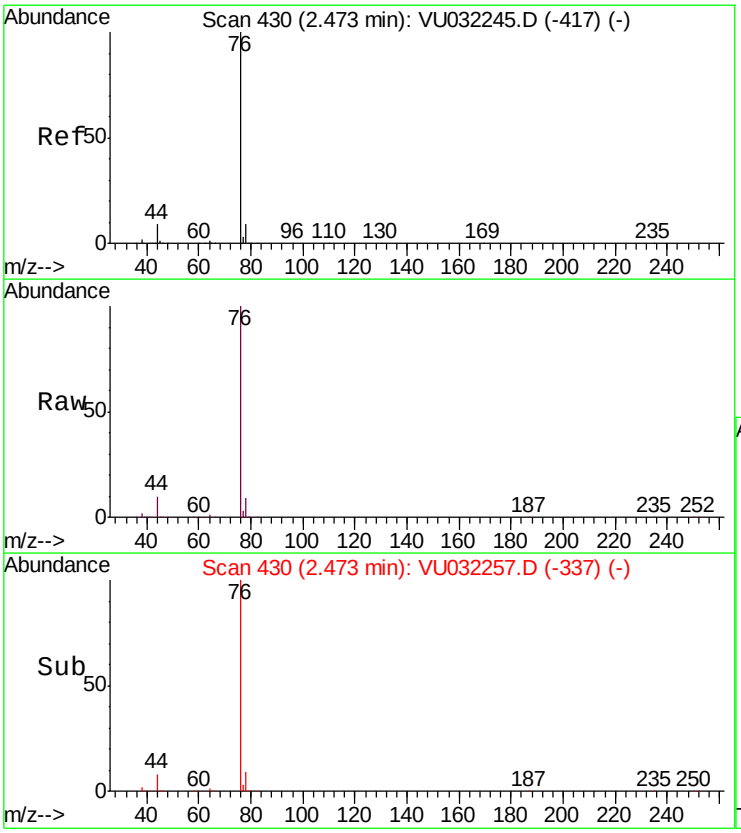
#13
Acetone
Concen: 49.355 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 43 Resp: 88814

Ion	Ratio	Lower	Upper
43	100		
58	39.2	0.0	72.6

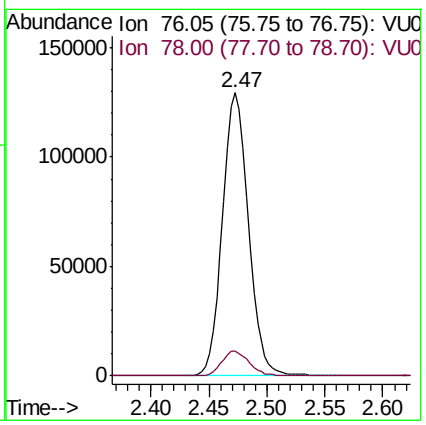


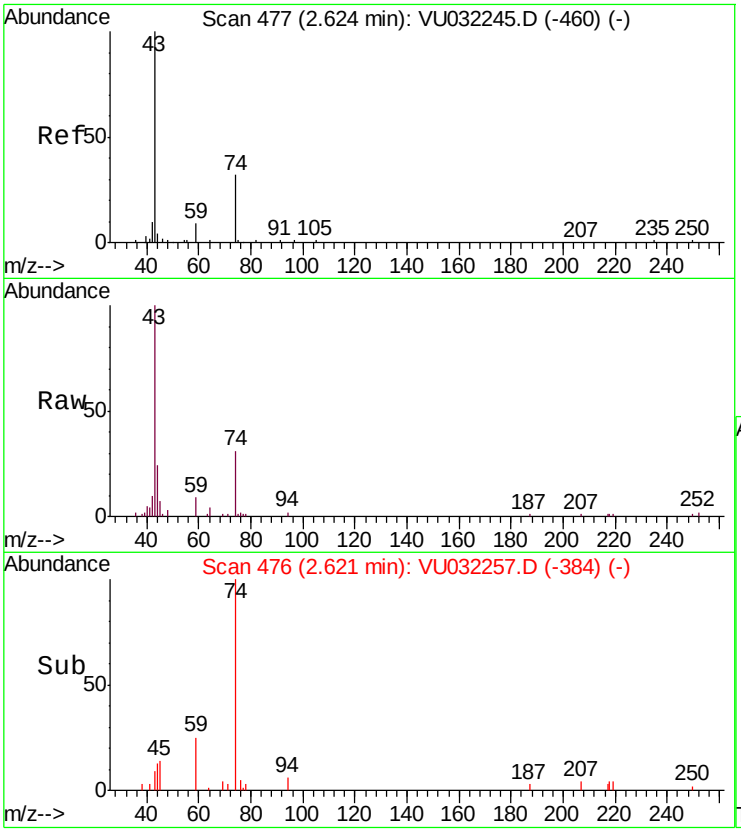


#14
Carbon disulfide
Concen: 4.968 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 76 Resp: 200848

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3



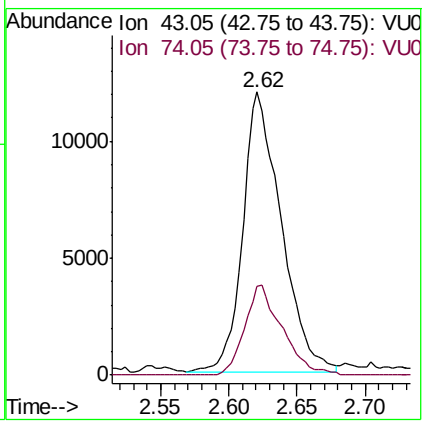


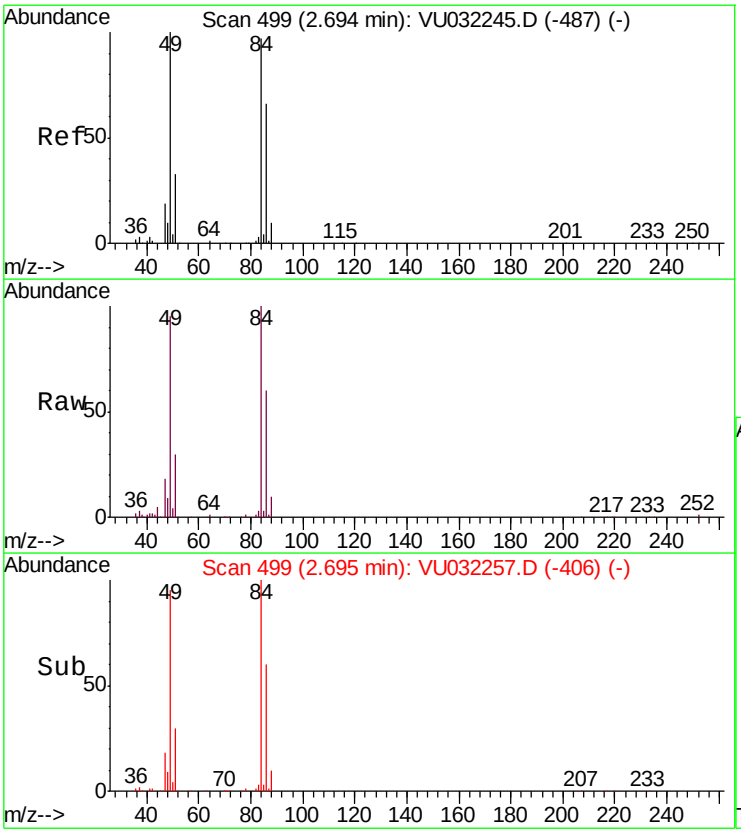
#15
Methyl Acetate
Concen: 4.415 ug/L
RT: 2.62 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 43 Resp: 23314

Ion	Ratio	Lower	Upper
43	100		
74	31.4	27.3	40.9

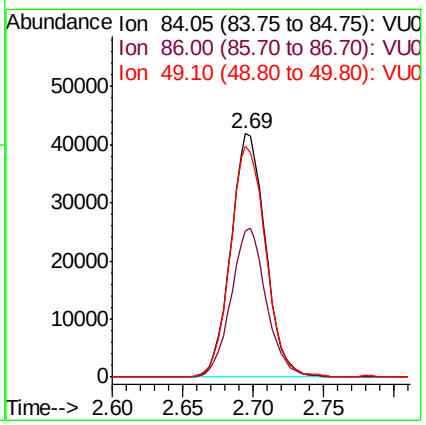


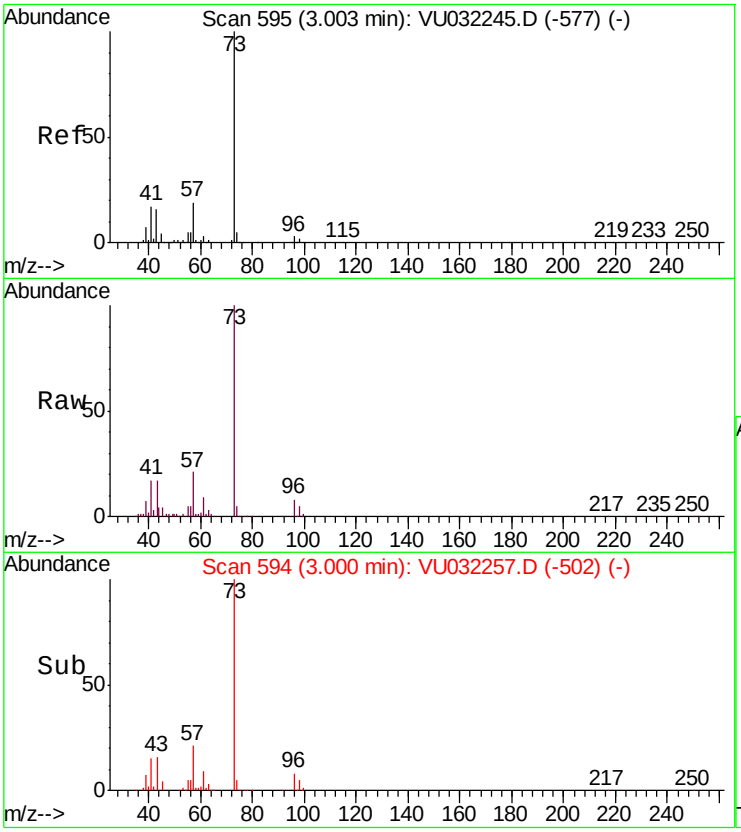


#16
Methylene chloride
Concen: 4.138 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 84 Resp: 72022

Ion	Ratio	Lower	Upper
84	100		
86	60.1	43.6	81.0
49	95.0	71.1	132.1



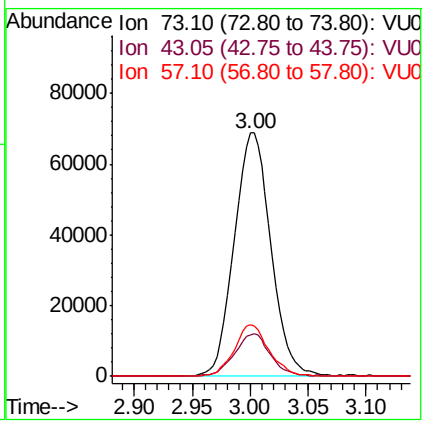


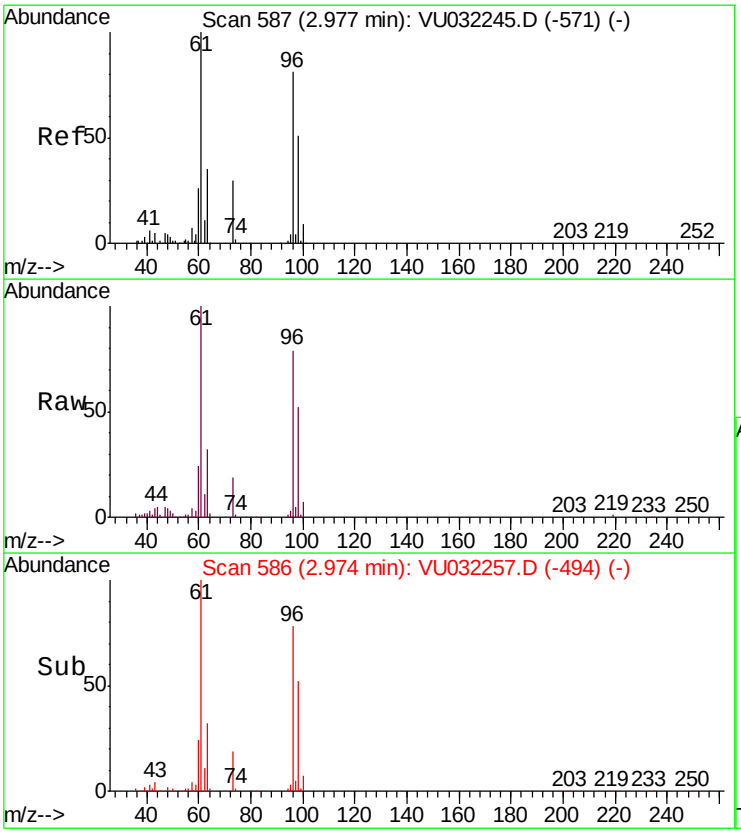
#17
Methyl tert-butyl Ether
Concen: 5.131 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 73 Resp: 150949

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.8	20.6
57	20.2	16.2	24.4

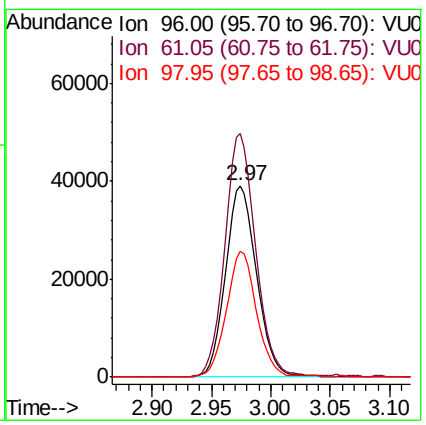


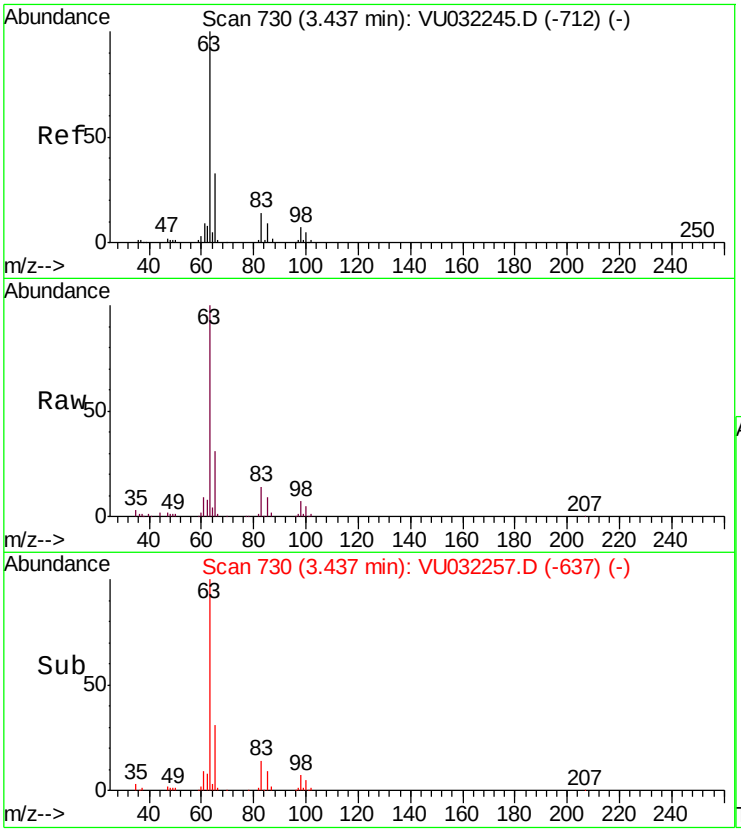


#18
trans-1,2-Dichloroethene
Concen: 5.065 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 96 Resp: 70934

Ion	Ratio	Lower	Upper
96	100		
61	127.3	90.6	168.3
98	65.8	49.5	91.9



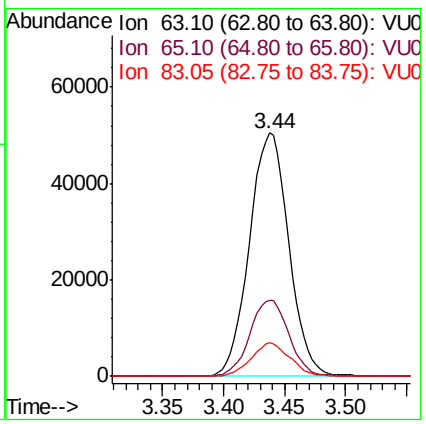


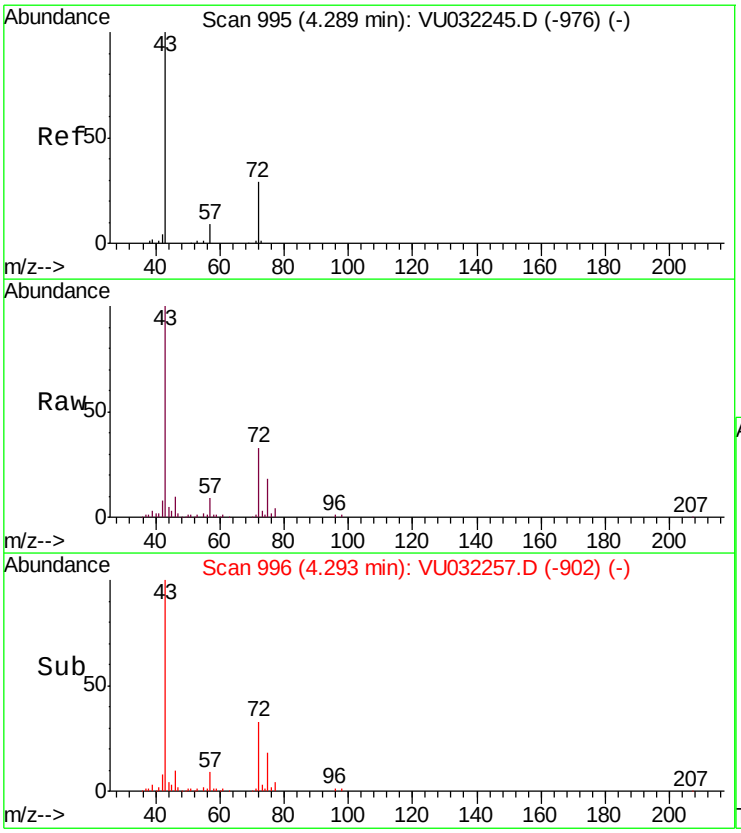
#19
1,1-Dichloroethane
Concen: 5.206 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 63 Resp: 112607

Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.5	43.7
83	14.0	8.8	16.3

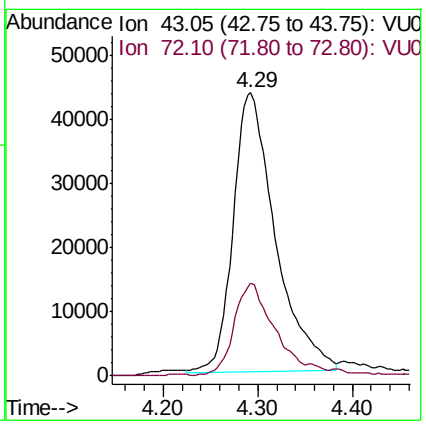


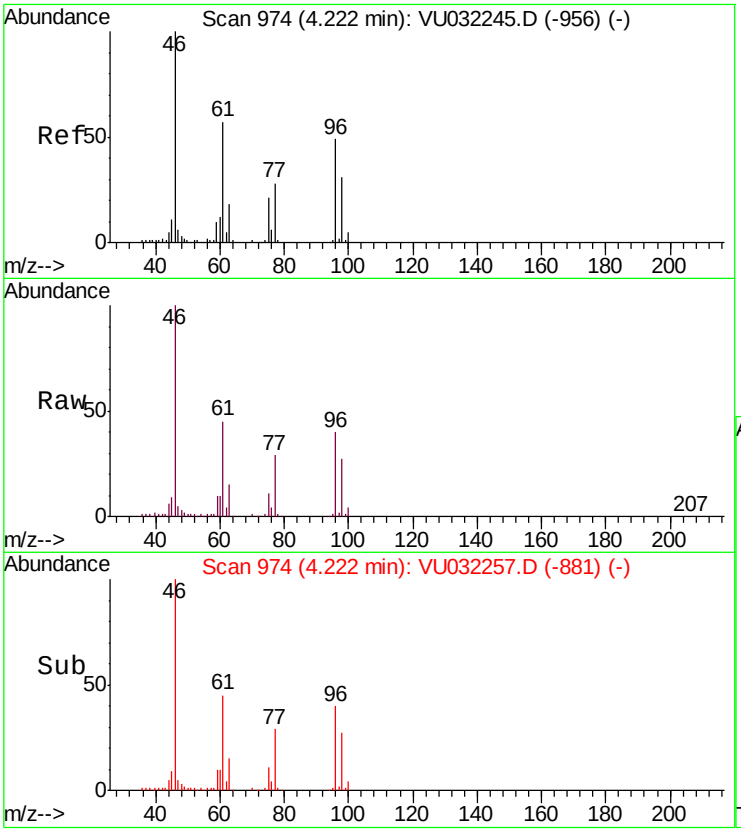


#21
2-Butanone
Concen: 49.650 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 43 Resp: 134786

Ion	Ratio	Lower	Upper
43	100		
72	30.4	15.2	45.6



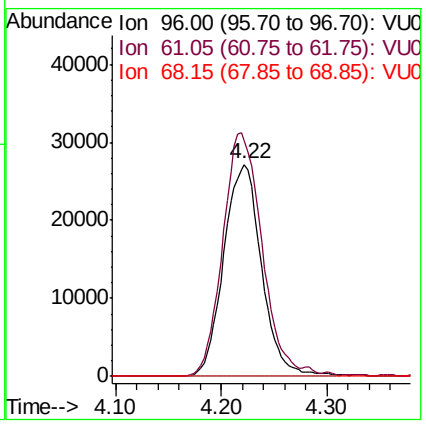


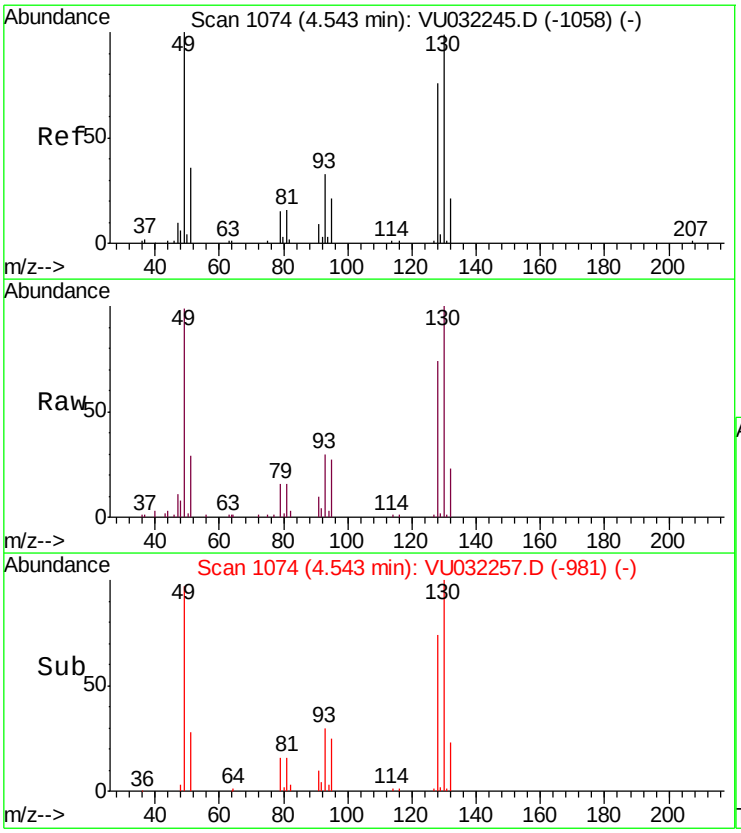
#22
cis-1,2-Dichloroethene
Concen: 4.937 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 96 Resp: 67494

Ion	Ratio	Lower	Upper
96	100		
61	111.7	82.5	153.1
68	0.0	0.0	0.0

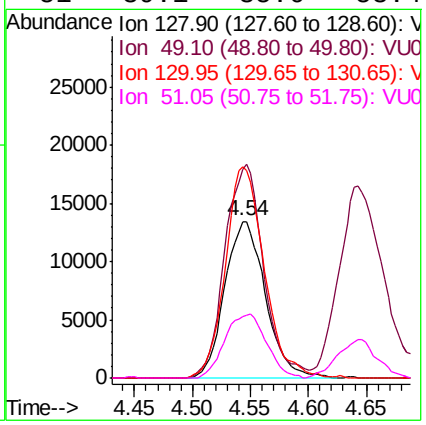


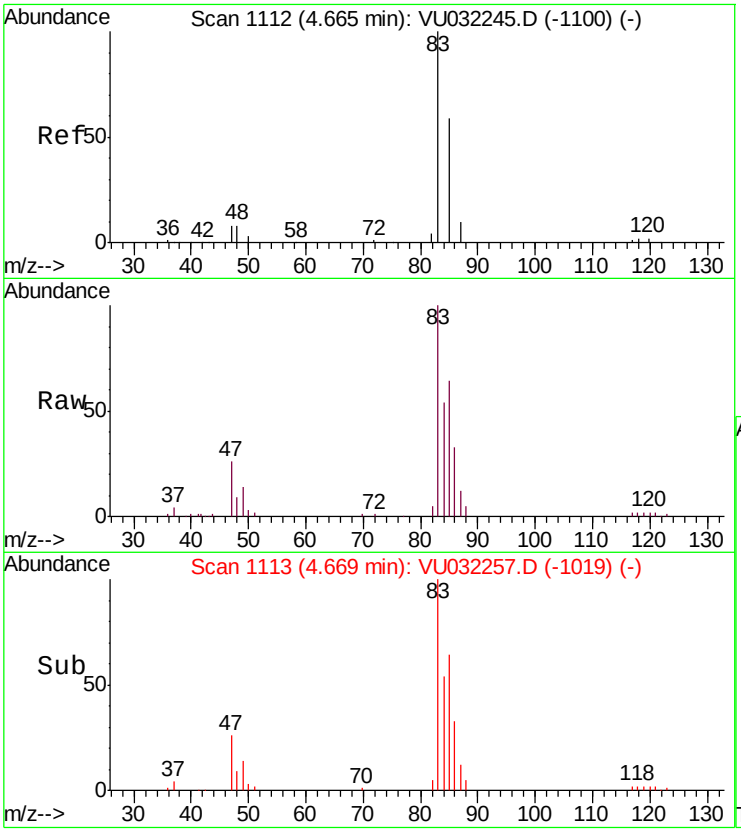


#23
Bromochloromethane
Concen: 5.399 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:128 Resp: 32620

Ion	Ratio	Lower	Upper
128	100		
49	133.5	93.9	174.3
130	135.1	85.3	158.3
51	39.1	35.6	53.4



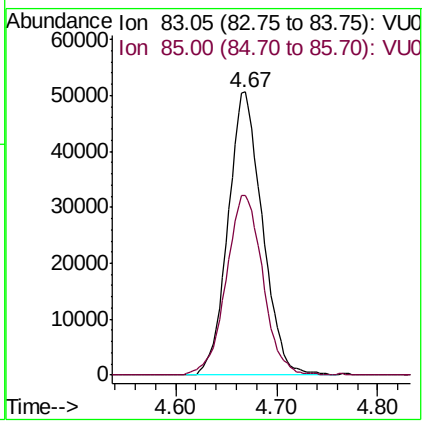


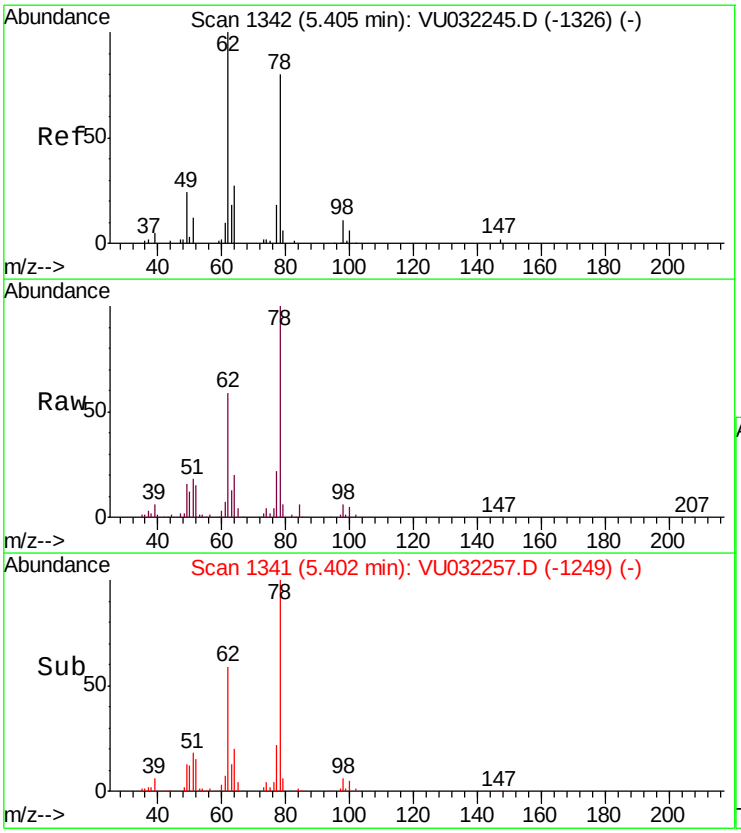
#25
Chloroform
Concen: 5.131 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 83 Resp: 119856

Ion	Ratio	Lower	Upper
83	100		
85	63.6	41.6	77.3

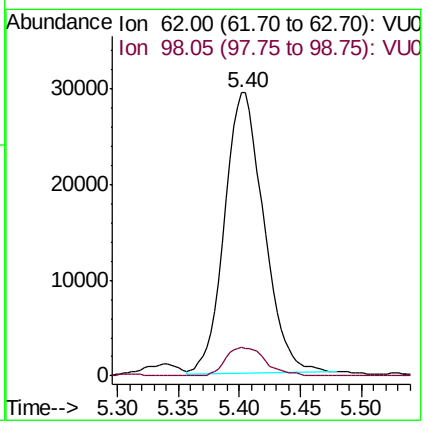


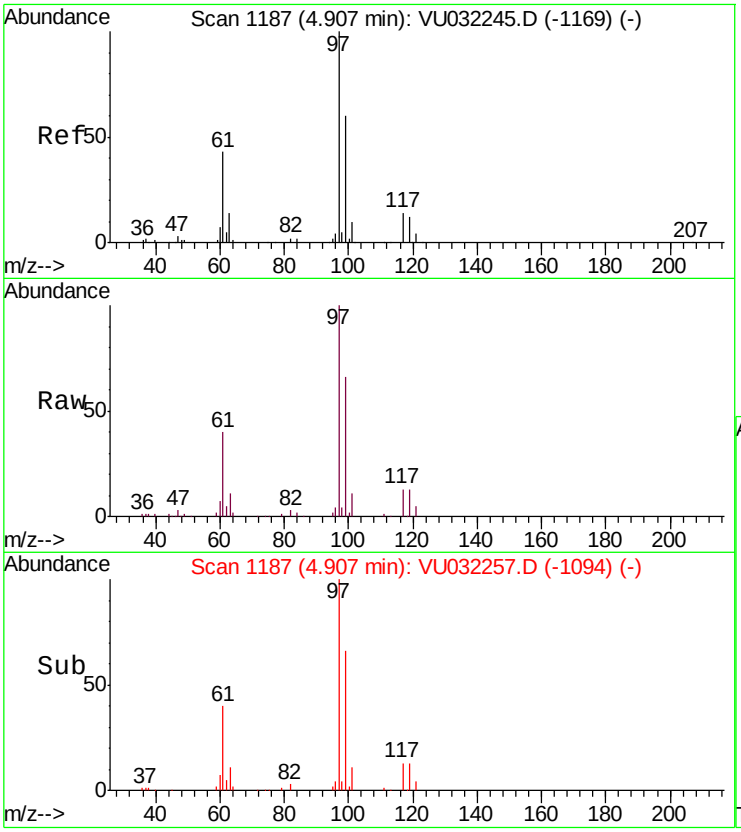


#27
1,2-Dichloroethane
Concen: 4.866 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 62 Resp: 66164

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2



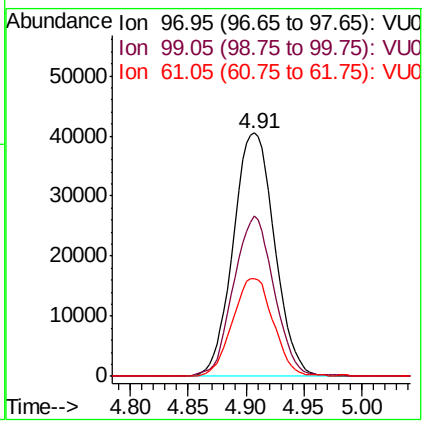


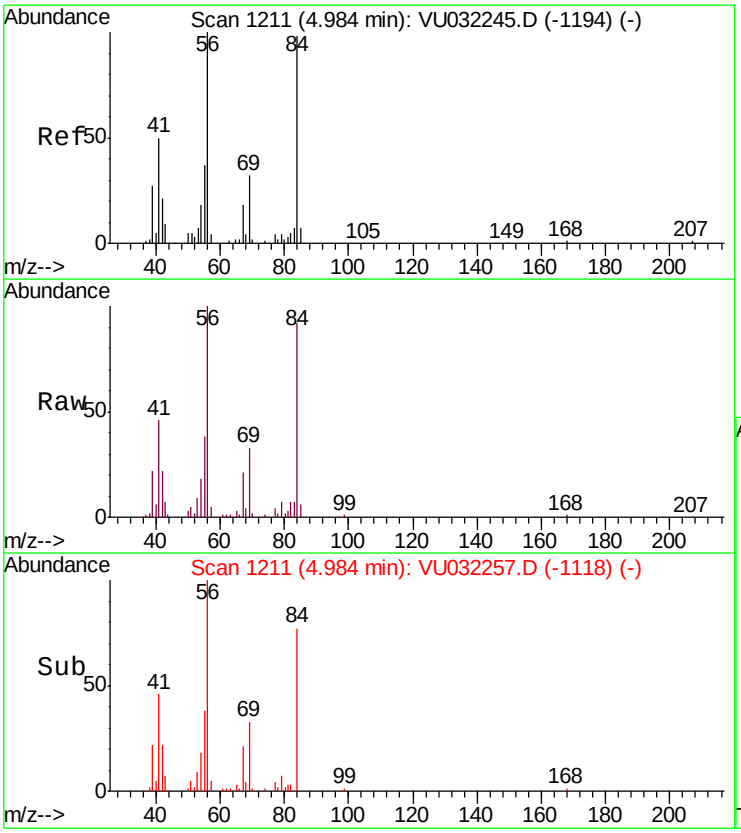
#29
1,1,1-Trichloroethane
Concen: 5.207 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 97 Resp: 100307

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.3	75.5
61	39.6	34.1	51.1

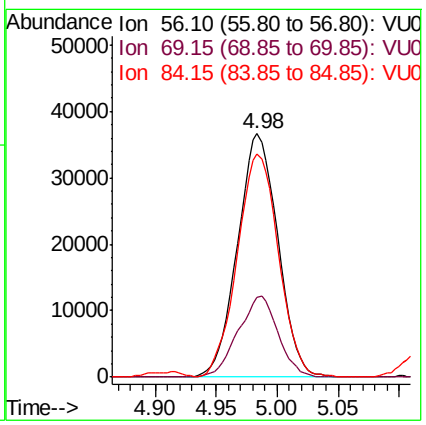


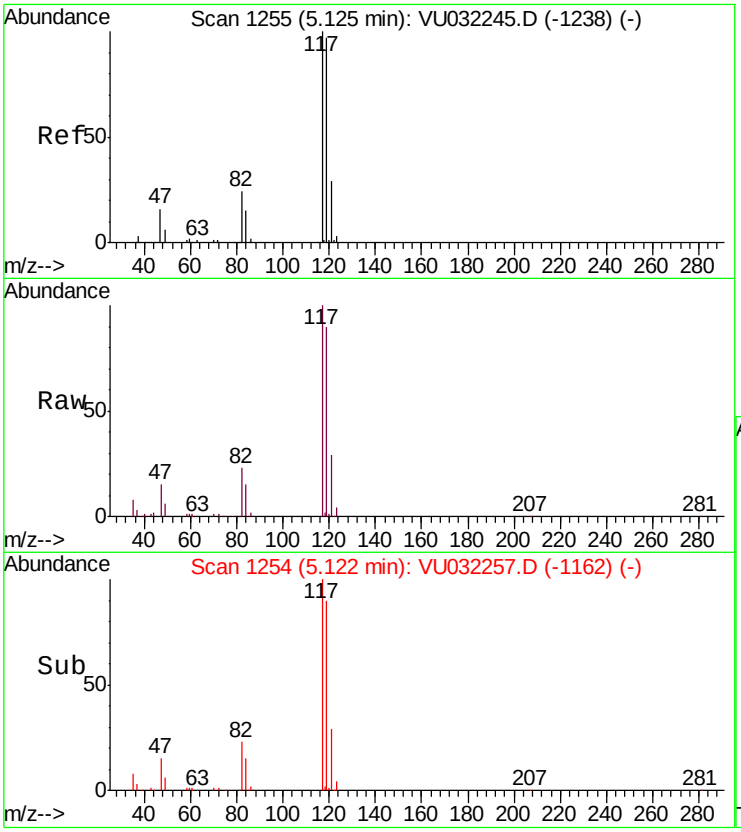


#30
Cyclohexane
Concen: 4.648 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 56 Resp: 83703

Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.6	39.8
84	93.8	75.0	112.6



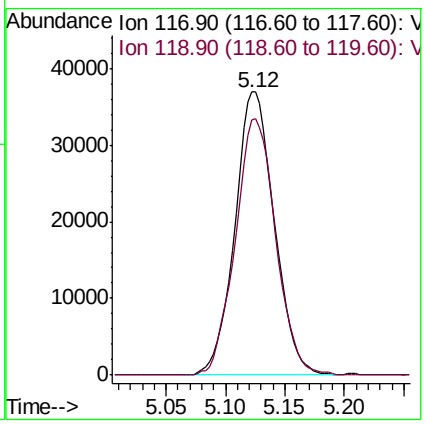


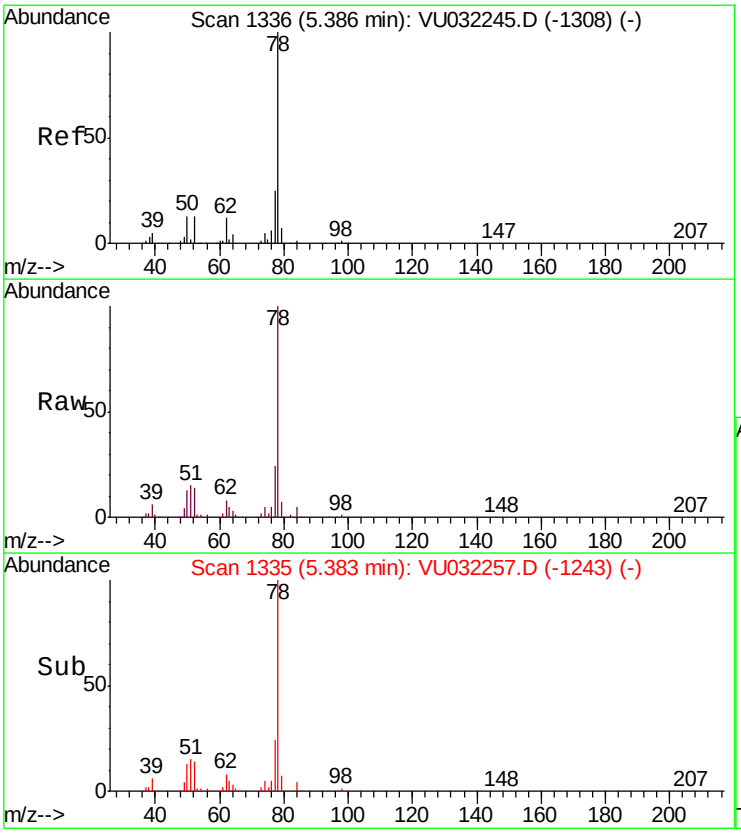
#31
Carbon tetrachloride
Concen: 5.000 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:117 Resp: 84849

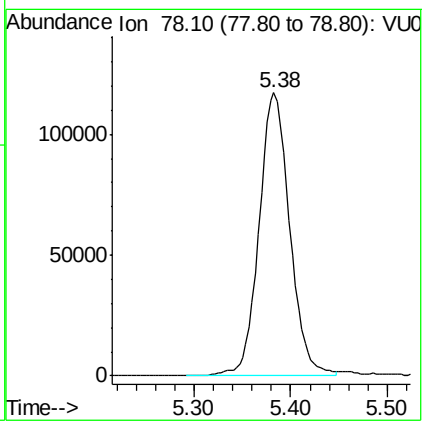
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.9	115.3

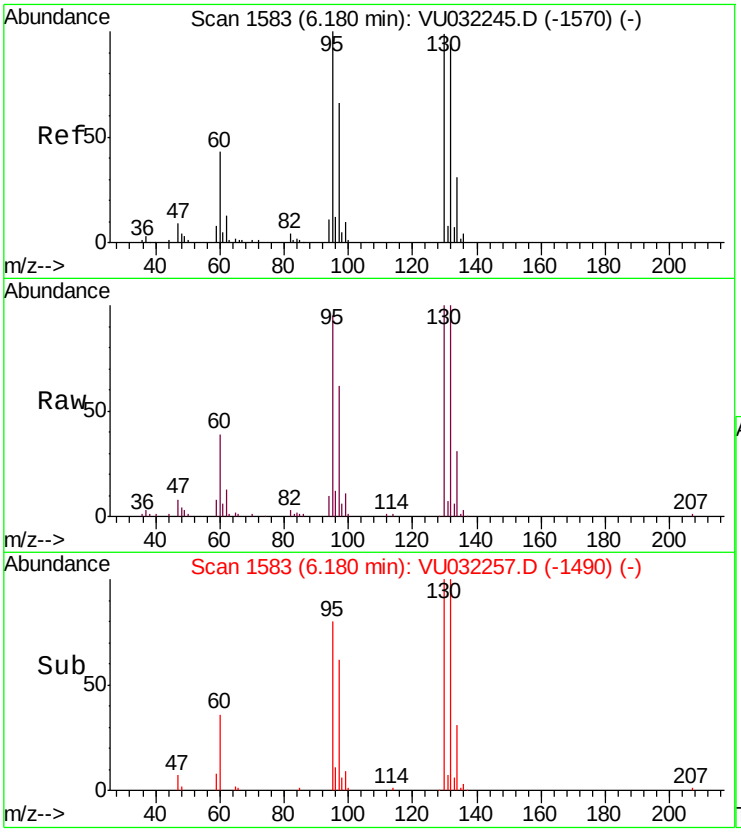




#33
Benzene
Concen: 5.155 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 78 Resp: 258767



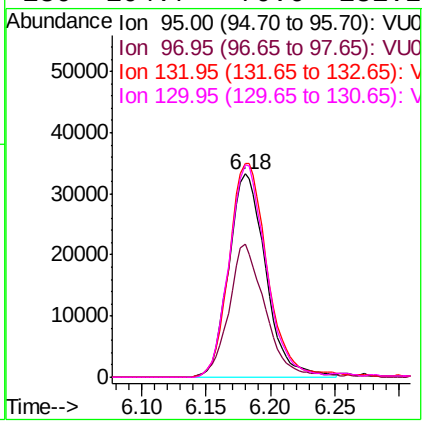


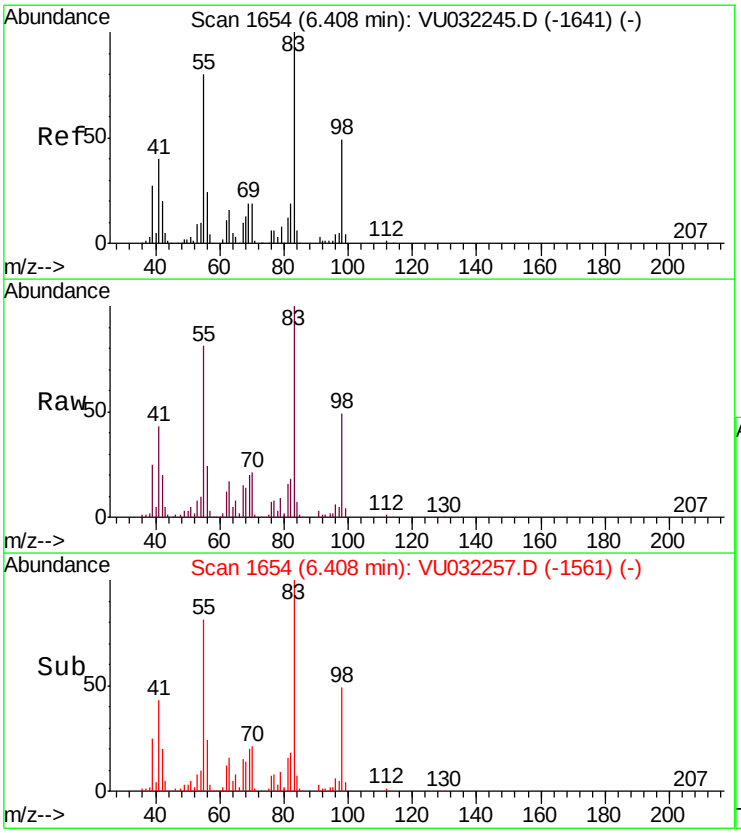
#34
Trichloroethene
Concen: 4.935 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 95 Resp: 66494

Ion	Ratio	Lower	Upper
95	100		
97	65.2	39.9	74.1
132	105.1	65.9	122.5
130	104.7	70.6	131.2

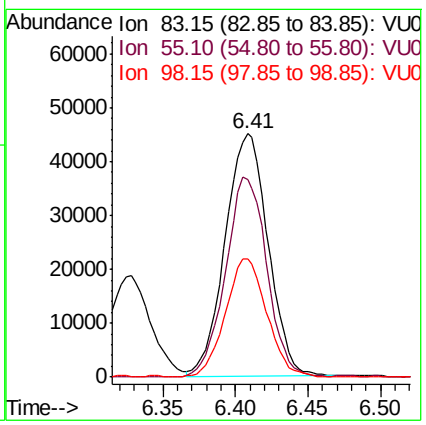


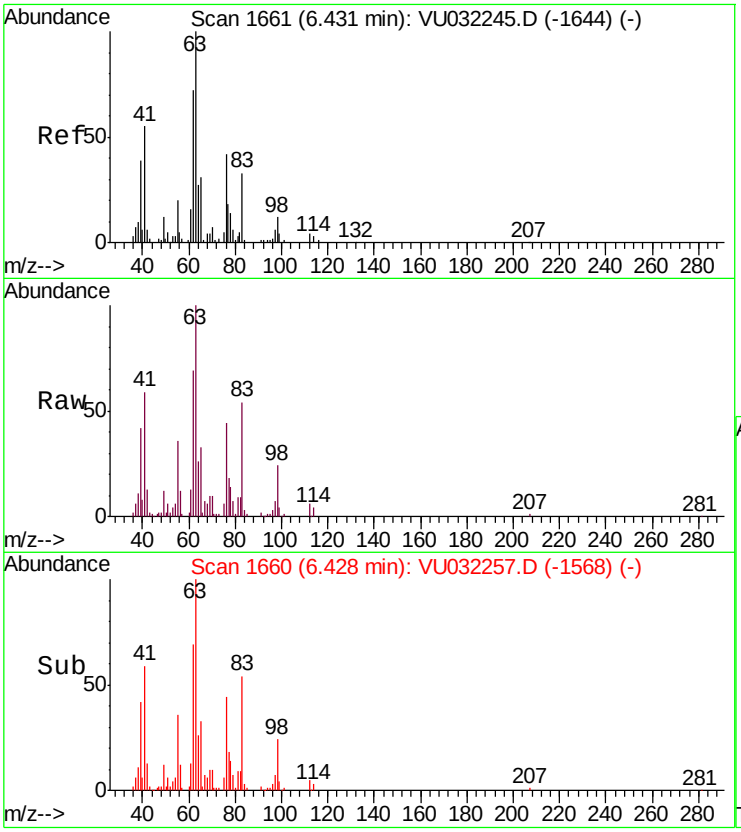


#35
Methylcyclohexane
Concen: 4.664 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 83 Resp: 92567

Ion	Ratio	Lower	Upper
83	100		
55	79.5	59.7	89.5
98	47.0	37.5	56.3



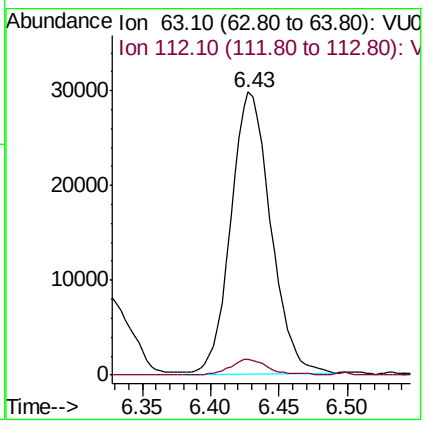


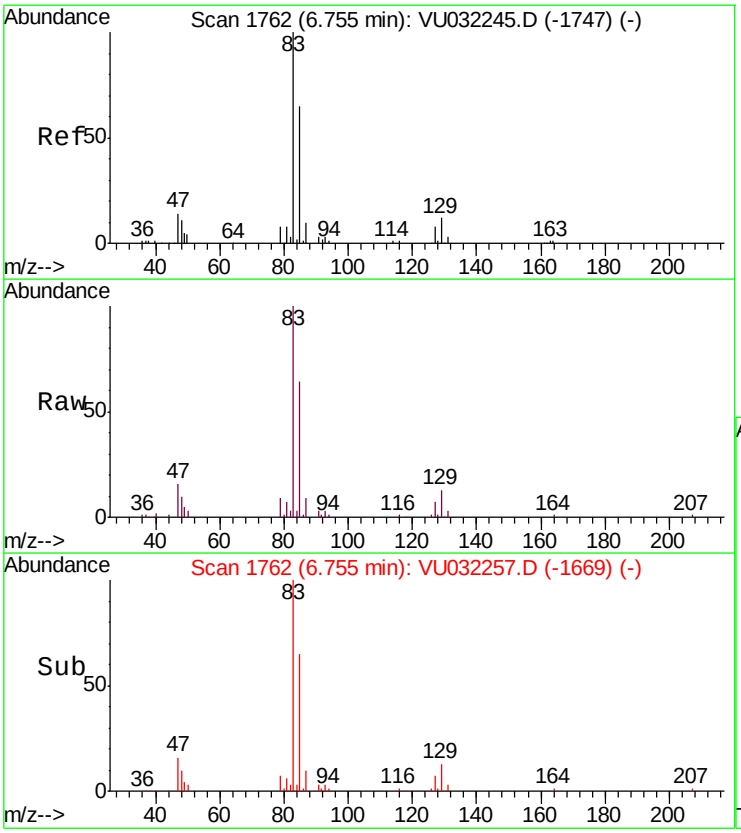
#37
1,2-Dichloropropane
Concen: 4.987 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 63 Resp: 60277

Ion	Ratio	Lower	Upper
63	100		
112	5.3	3.8	5.8

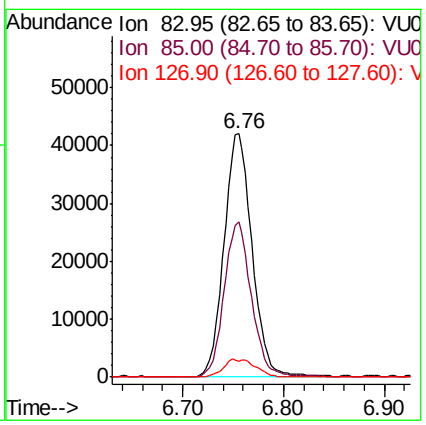


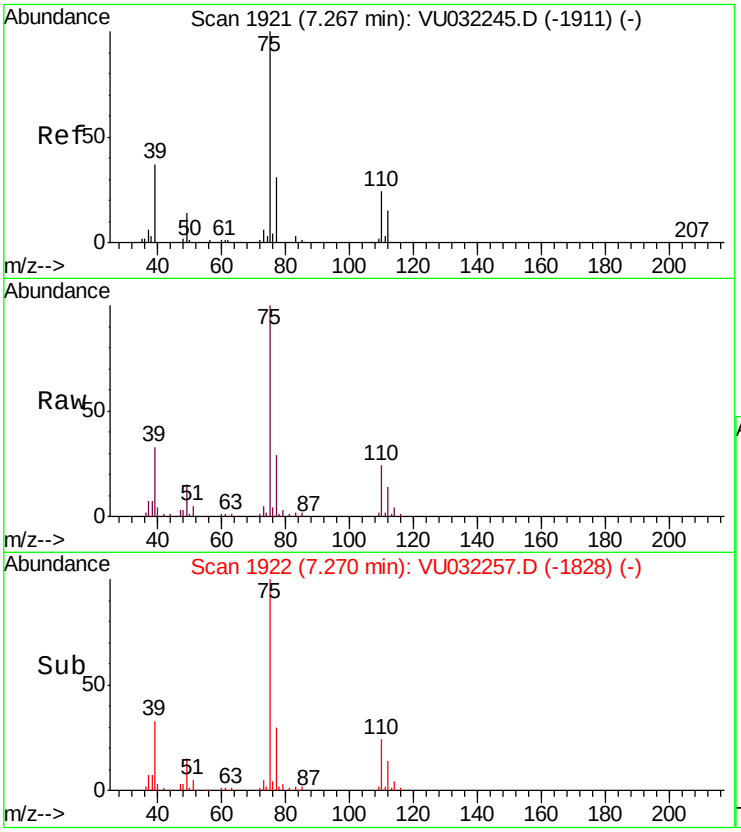


#38
Bromodichloromethane
Concen: 5.211 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 83 Resp: 81854

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.4	82.4
127	6.6	7.0	10.6#



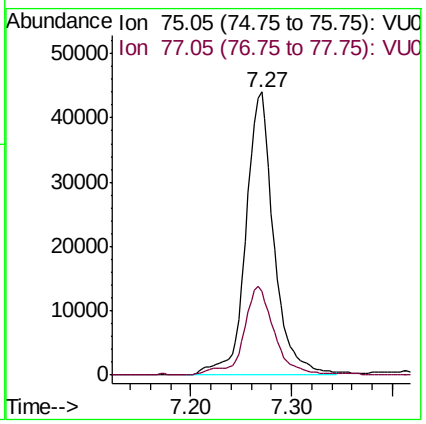


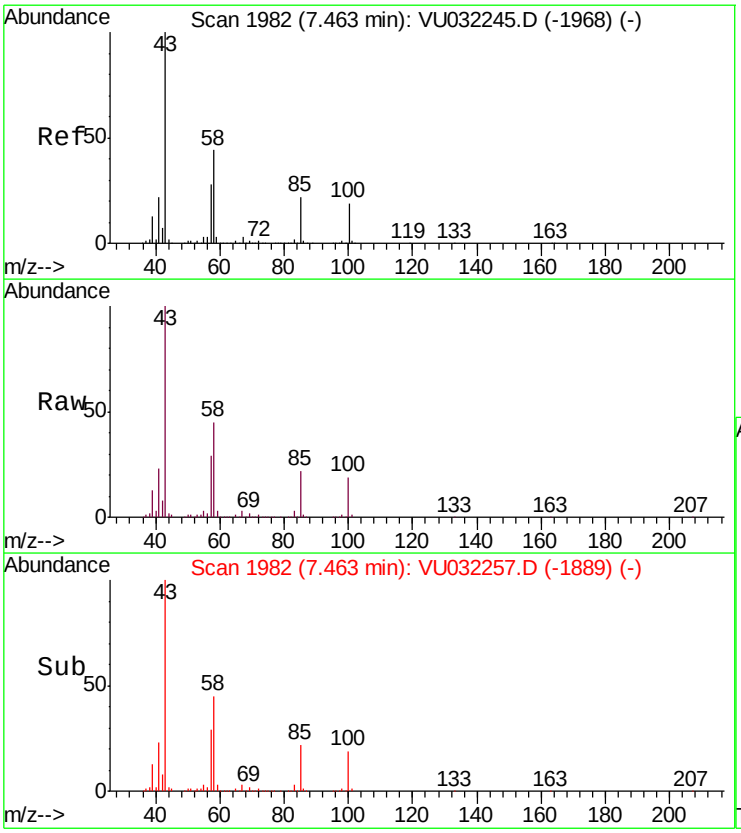
#39
cis-1,3-Dichloropropene
Concen: 4.907 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 75 Resp: 84460

Ion	Ratio	Lower	Upper
75	100		
77	29.4	22.6	42.0

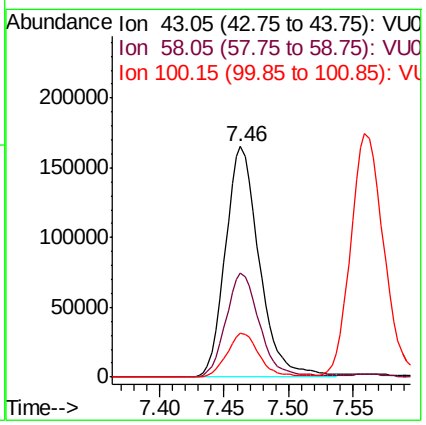


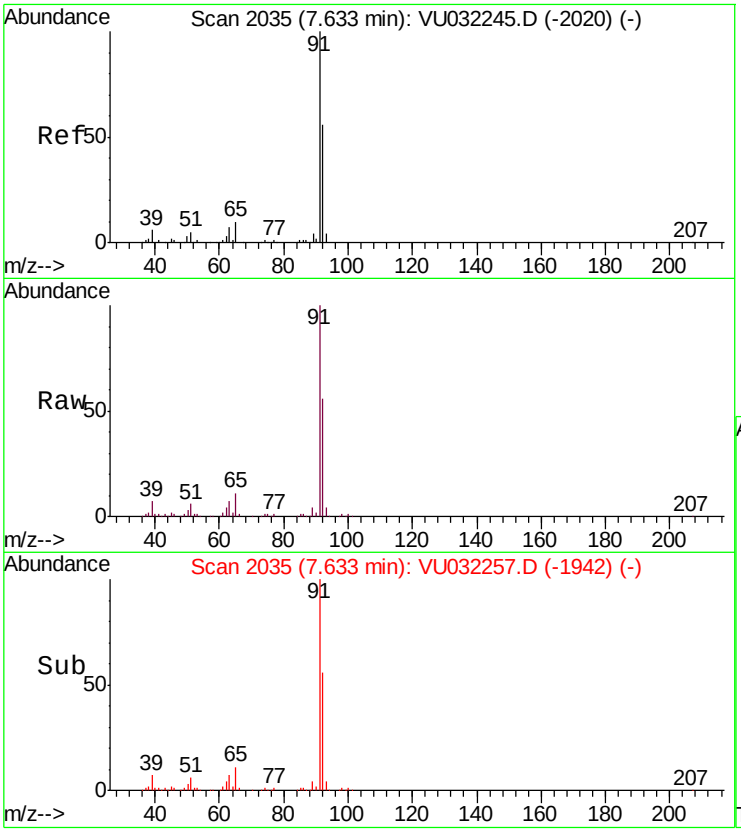


#40
4-Methyl-2-pentanone
Concen: 49.470 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 43 Resp: 302251

Ion	Ratio	Lower	Upper
43	100		
58	44.8	35.8	53.6
100	18.3	14.6	22.0



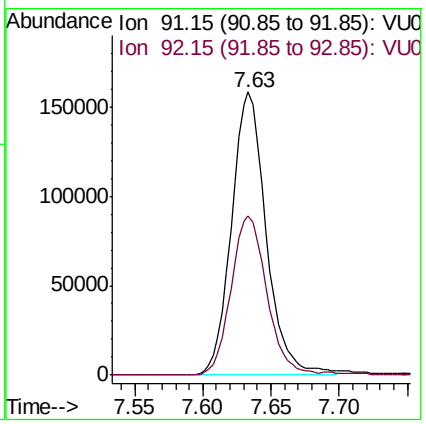


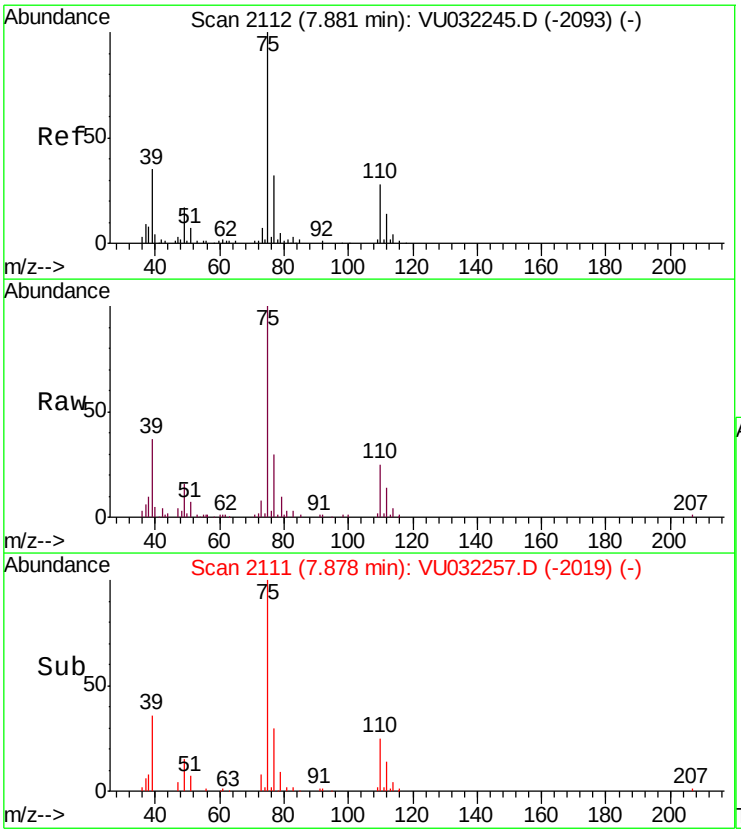
#42
Toluene
Concen: 5.242 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 91 Resp: 279599

Ion	Ratio	Lower	Upper
91	100		
92	56.3	38.5	71.5

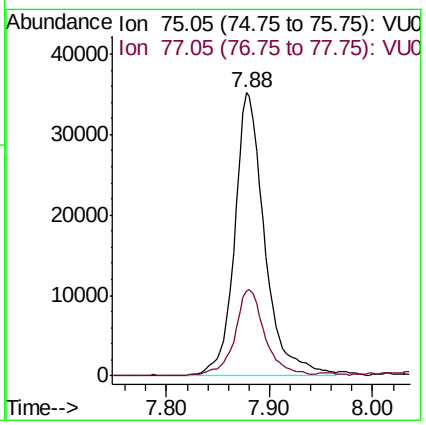


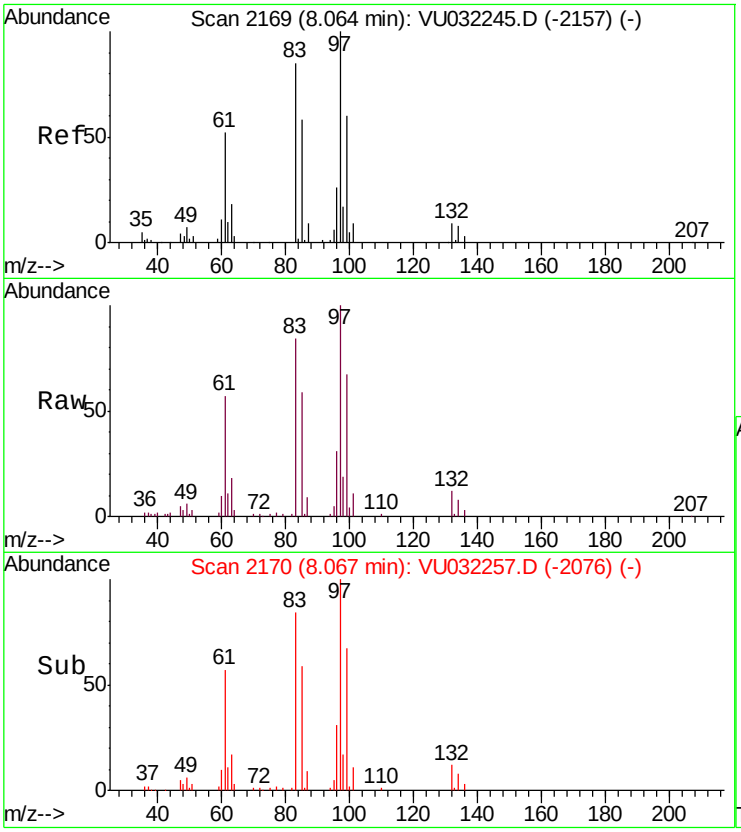


#44
trans-1,3-Dichloropropene
Concen: 5.291 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 75 Resp: 71557

Ion	Ratio	Lower	Upper
75	100		
77	29.9	22.5	41.9



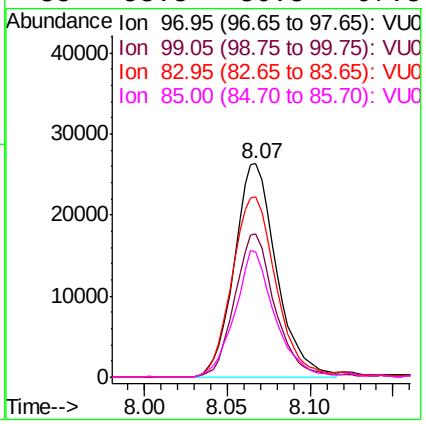


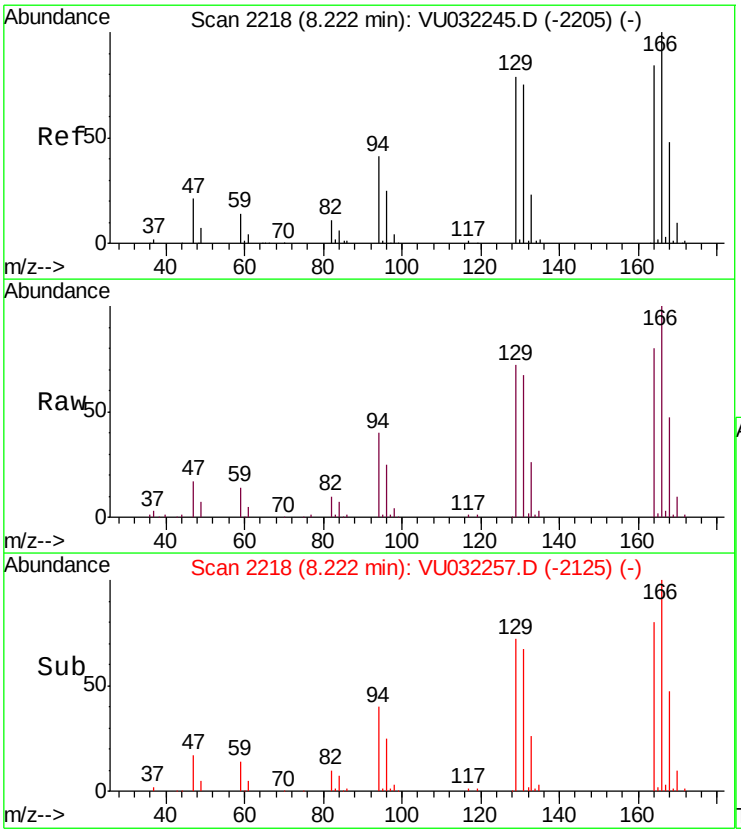
#45
1,1,2-Trichloroethane
Concen: 4.991 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 97 Resp: 46584

Ion	Ratio	Lower	Upper
97	100		
99	66.9	44.2	82.0
83	84.3	60.5	112.3
85	58.8	36.3	67.3

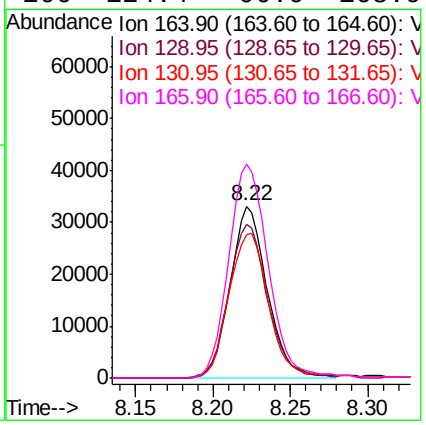


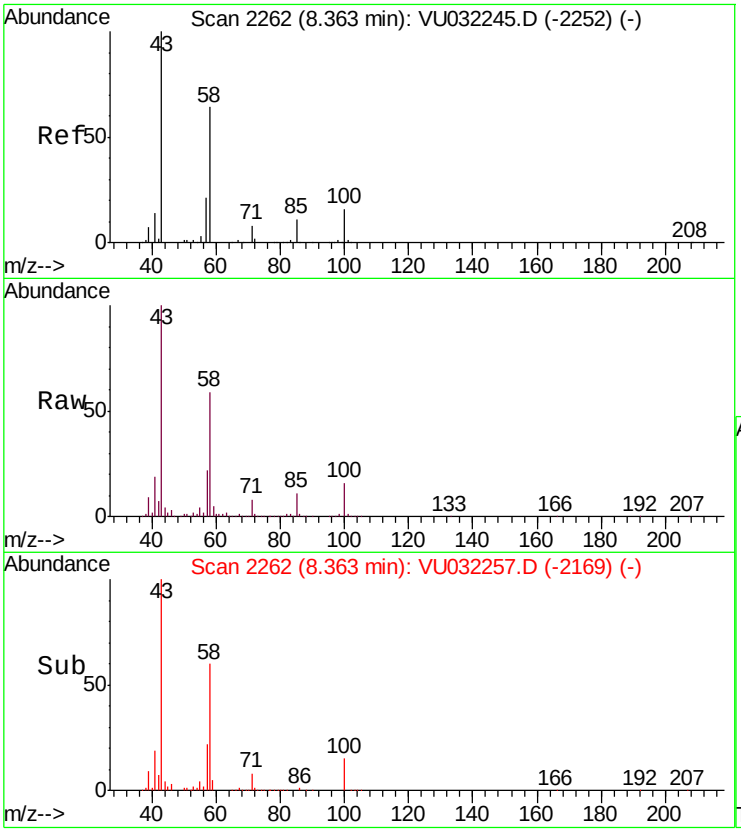


#47
Tetrachloroethene
Concen: 4.946 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:164 Resp: 55007

Ion	Ratio	Lower	Upper
164	100		
129	89.1	67.1	124.7
131	83.7	62.2	115.4
166	124.4	90.9	168.9



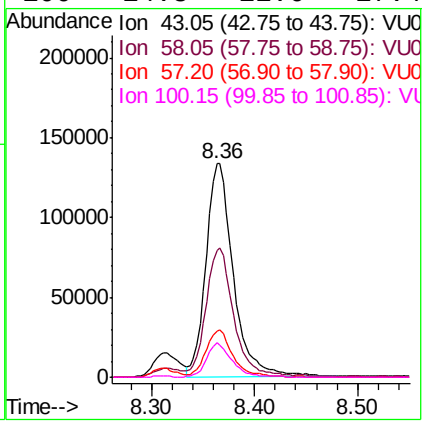


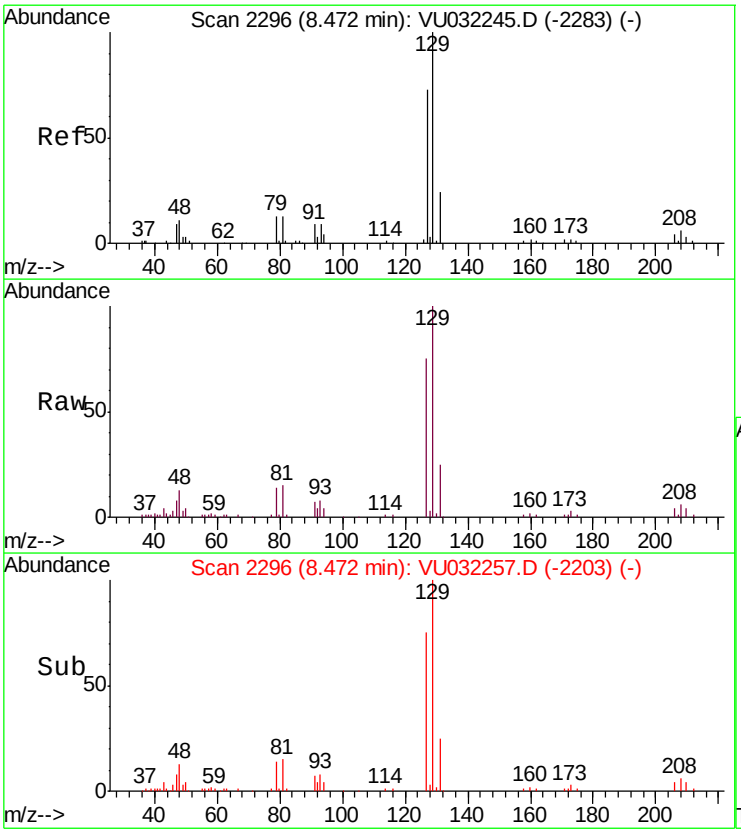
#48
2-Hexanone
Concen: 52.136 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 43 Resp: 244320

Ion	Ratio	Lower	Upper
43	100		
58	60.0	49.7	74.5
57	21.8	17.1	25.7
100	14.8	11.6	17.4

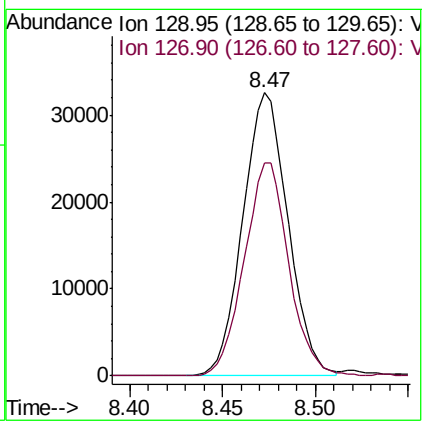


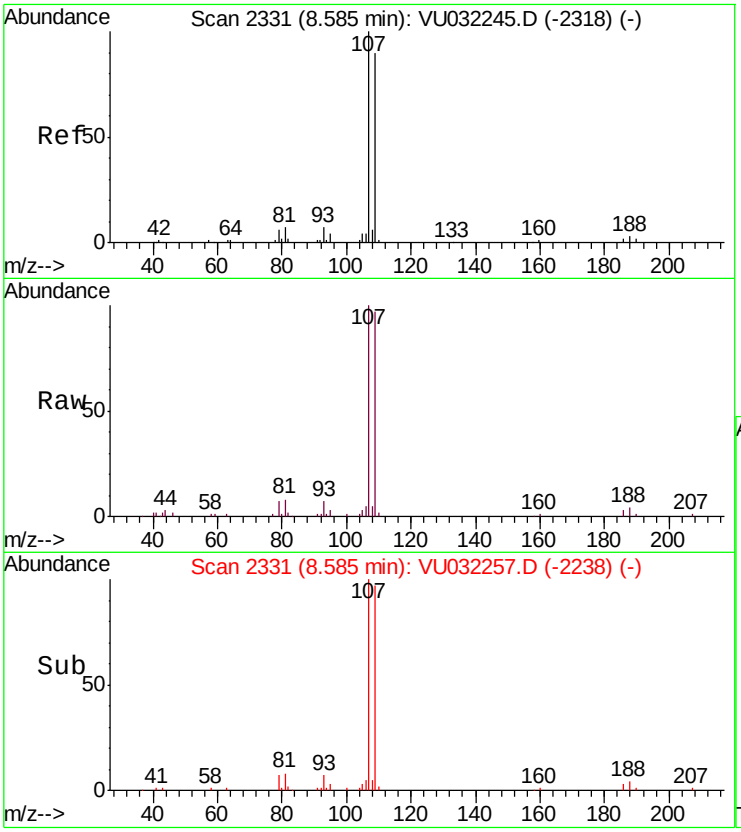


#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:129 Resp: 54916

Ion	Ratio	Lower	Upper
129	100		
127	75.4	51.7	95.9



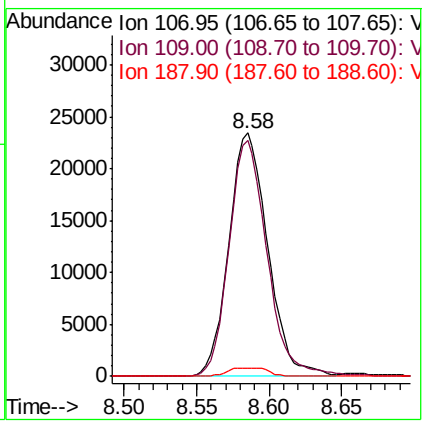


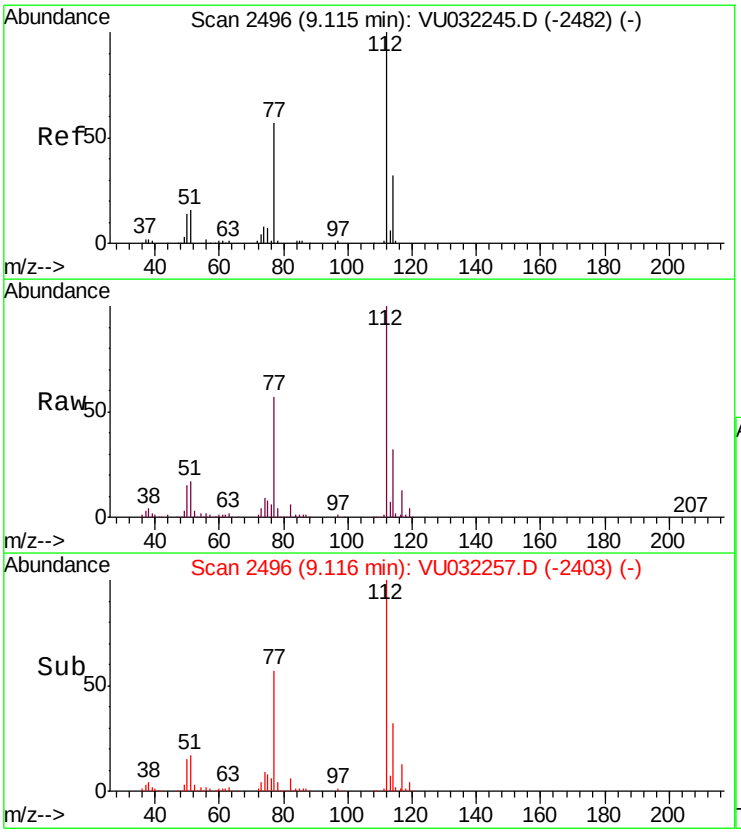
#50
1,2-Dibromoethane
Concen: 4.986 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:107 Resp: 43875

Ion	Ratio	Lower	Upper
107	100		
109	97.0	65.8	122.2
188	3.6	2.6	3.8

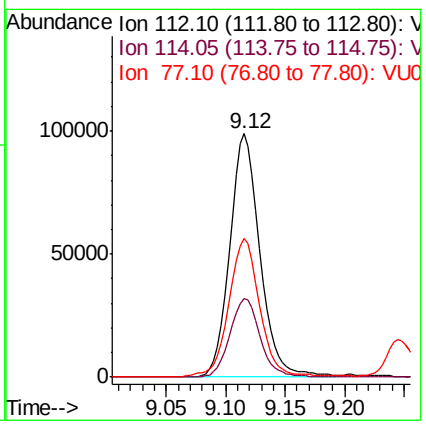


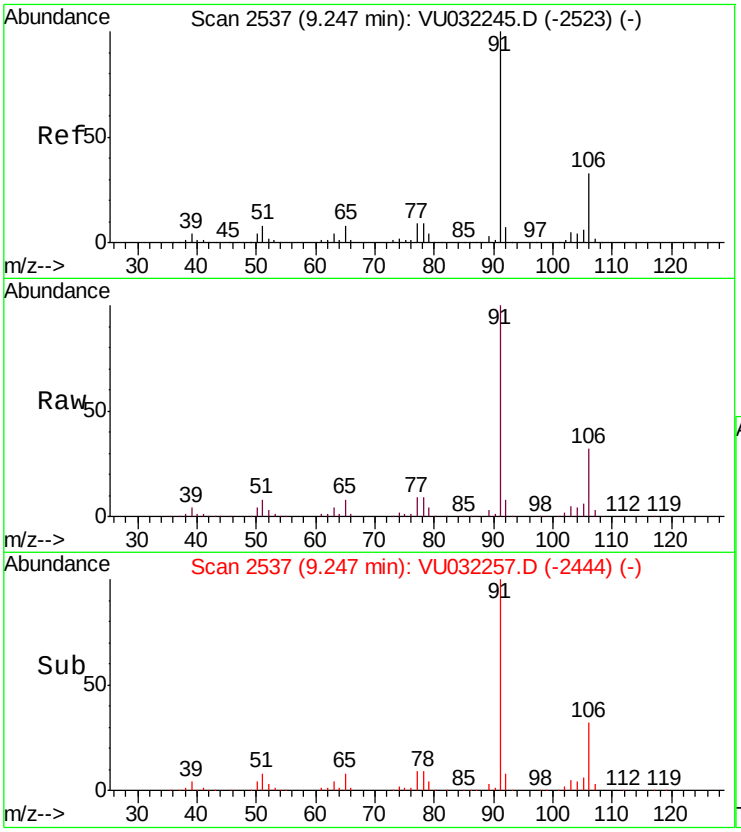


#51
Chlorobenzene
Concen: 5.089 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:112 Resp: 173750

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.6	42.0
77	56.8	46.8	70.2



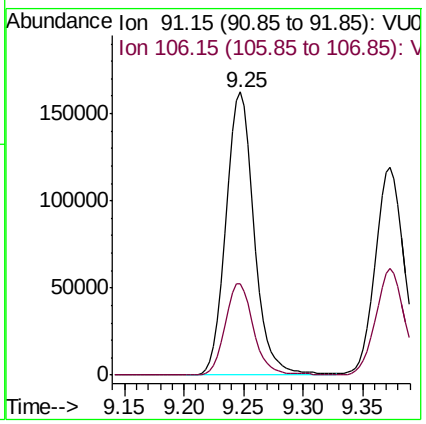


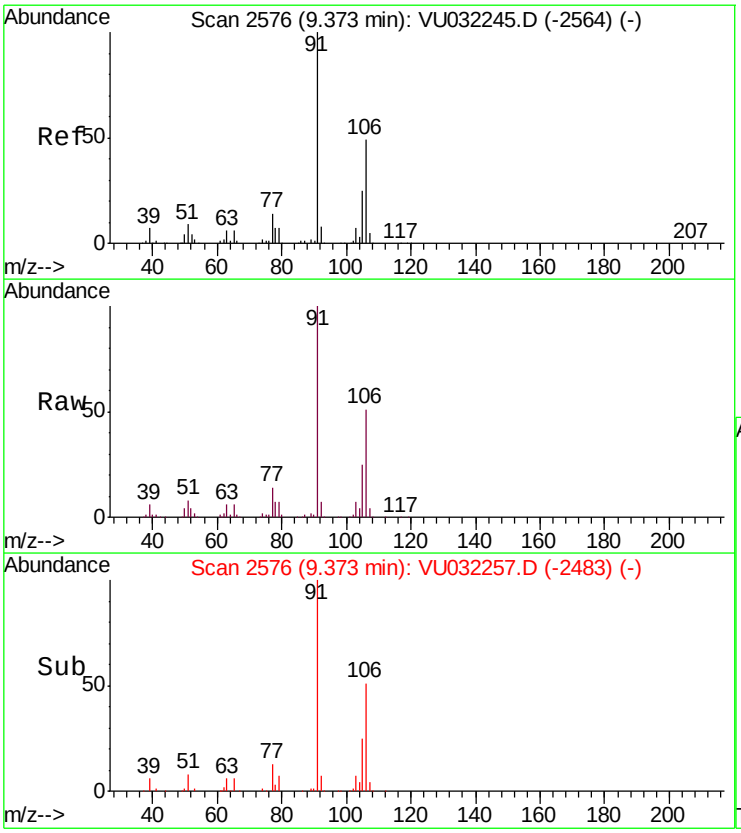
#52
Ethylbenzene
Concen: 4.979 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion: 91 Resp: 267334

Ion	Ratio	Lower	Upper
91	100		
106	32.1	20.9	38.9

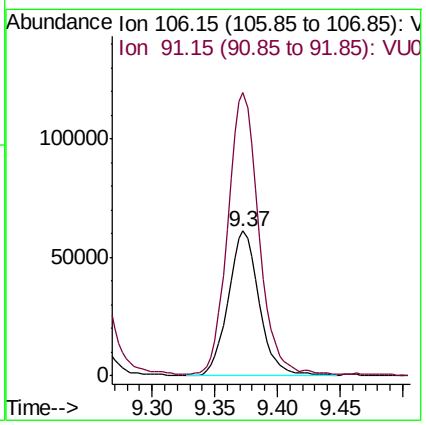


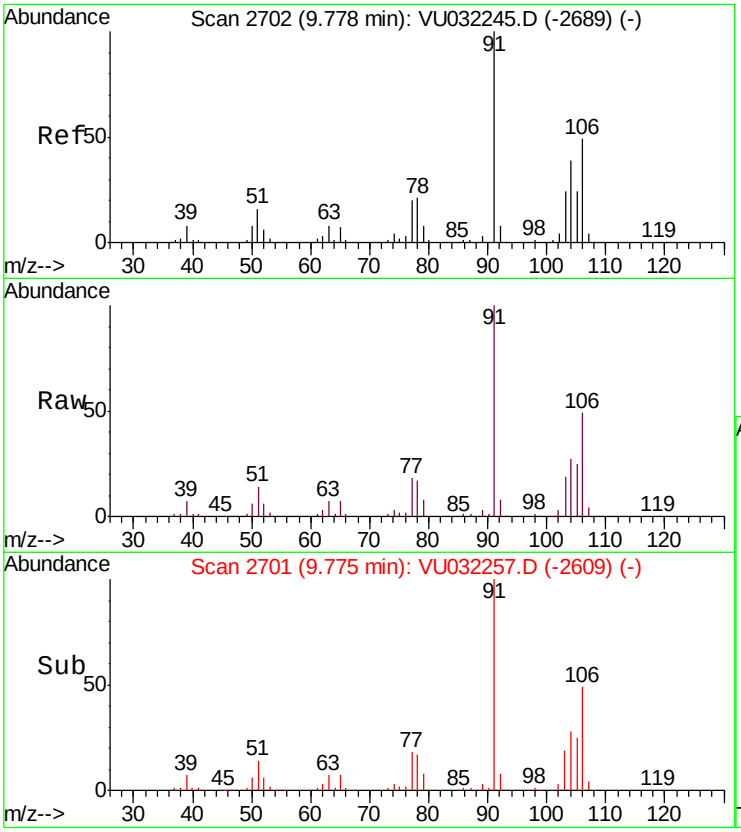


#53
m,p-Xylene
Concen: 5.234 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:106 Resp: 104499

Ion	Ratio	Lower	Upper
106	100		
91	195.4	143.9	267.2



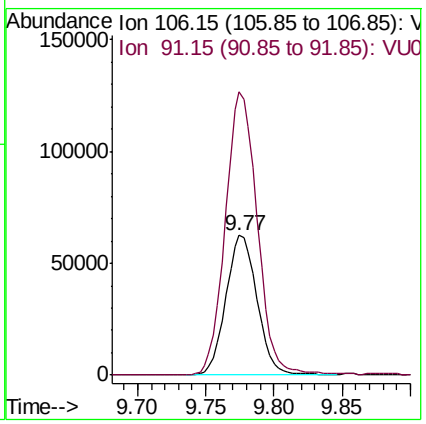


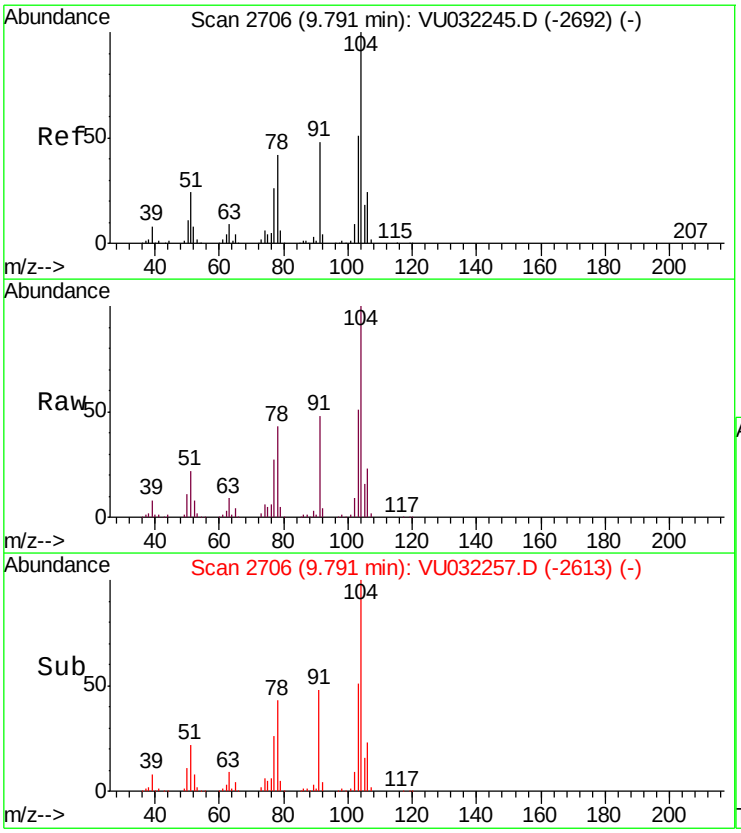
#54
o-Xylene
Concen: 4.985 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:106 Resp: 99458

Ion	Ratio	Lower	Upper
106	100		
91	202.6	147.8	274.4

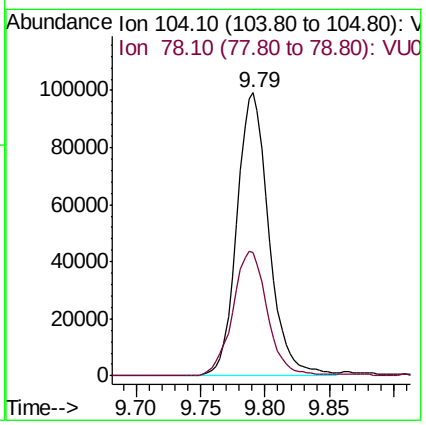


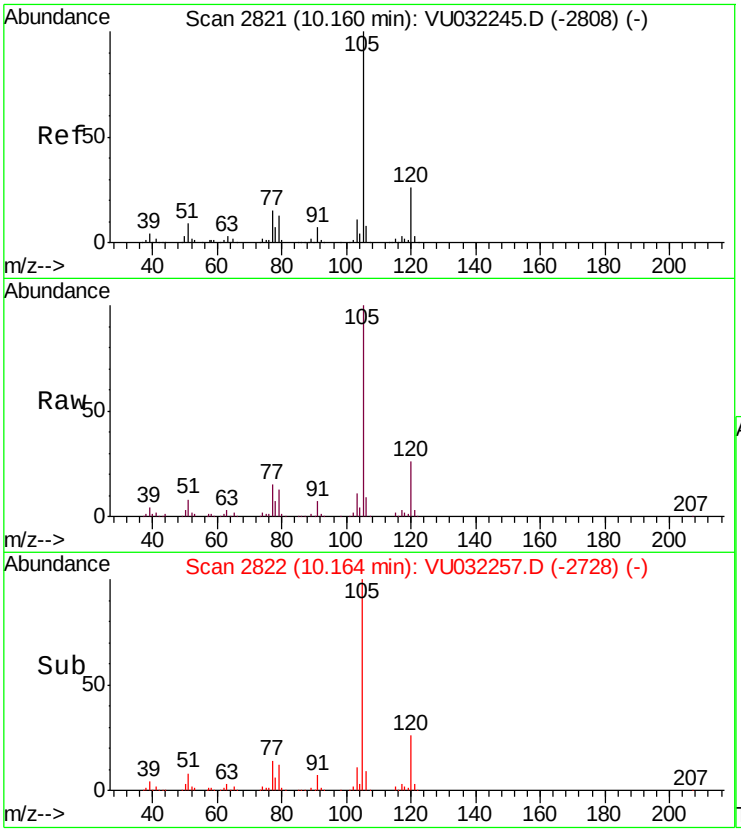


#55
Styrene
Concen: 5.143 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:104 Resp: 171704

Ion	Ratio	Lower	Upper
104	100		
78	43.4	30.3	56.3



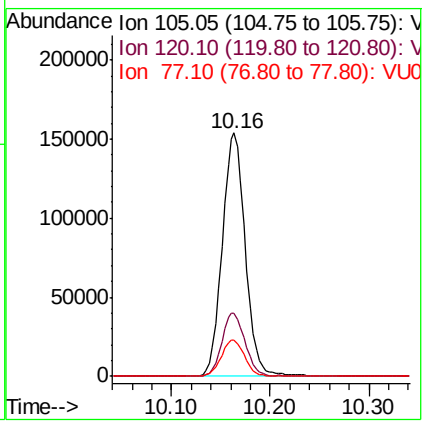


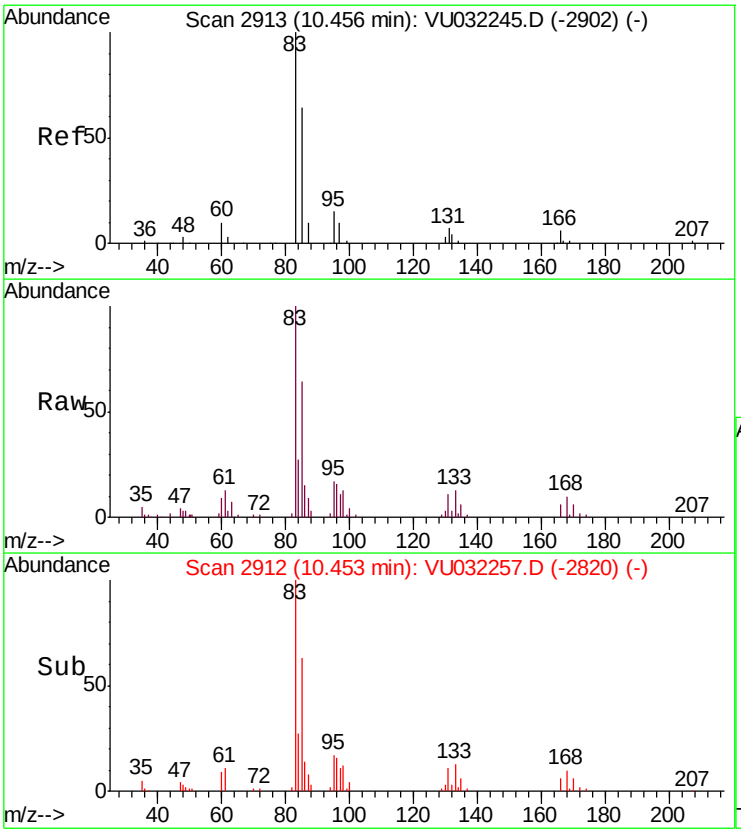
#56
Isopropylbenzene
Concen: 5.015 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion:105 Resp: 252958

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.0	31.6
77	15.1	11.9	17.9

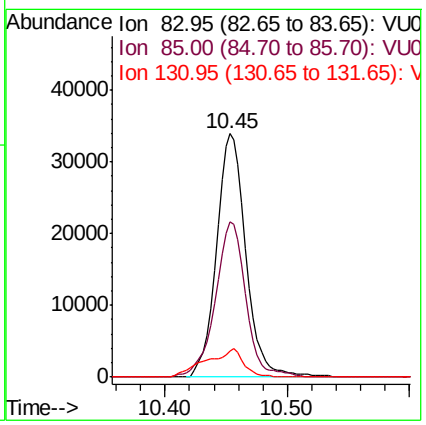


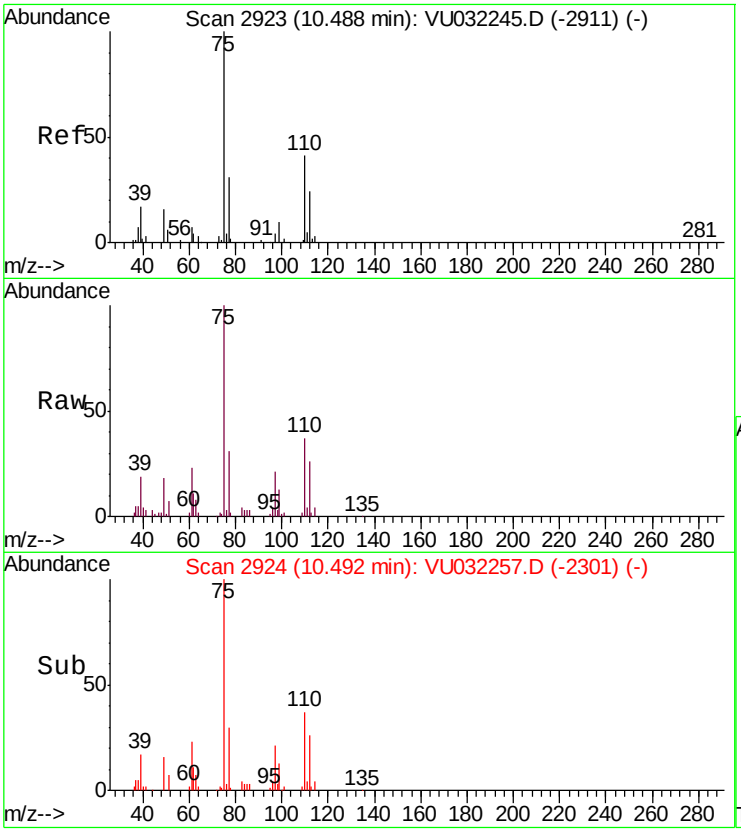


#58
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 83 Resp: 57435

Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.5	86.3
131	10.9	7.8	11.6



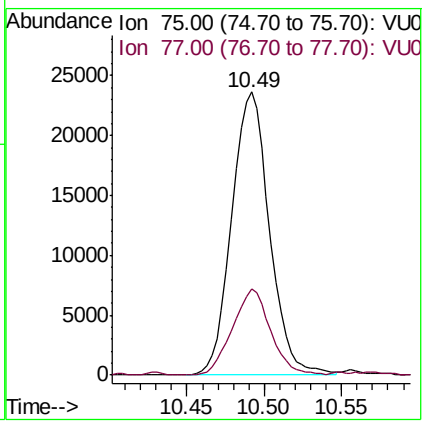


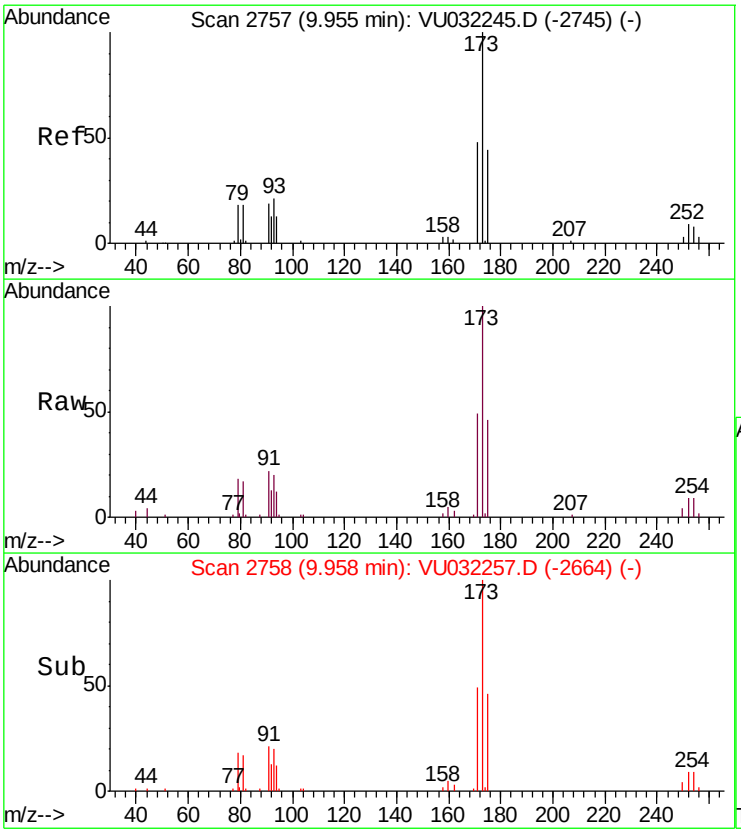
#59
1,2,3-Trichloropropane
Concen: 5.093 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion: 75 Resp: 40091

Ion	Ratio	Lower	Upper
75	100		
77	30.8	28.2	42.4

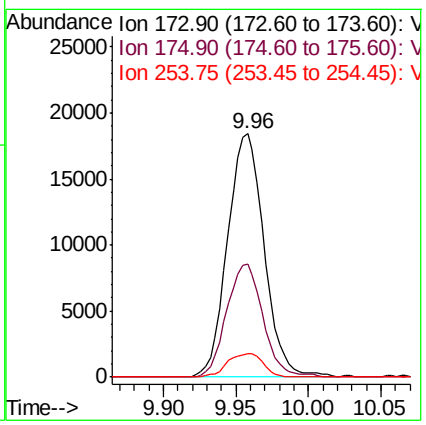


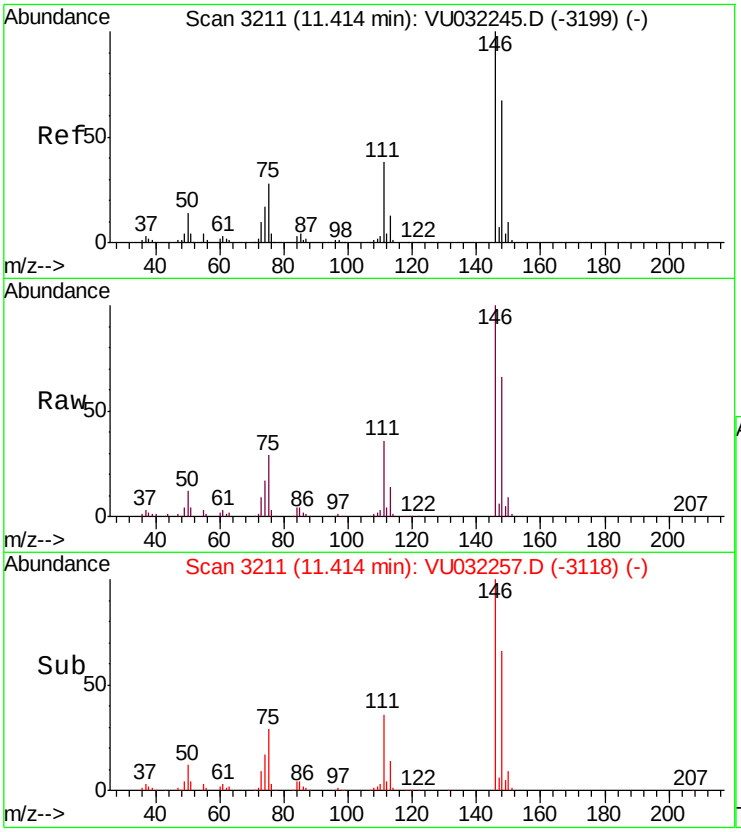


#61
Bromoform
Concen: 5.263 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:173 Resp: 32302

Ion	Ratio	Lower	Upper
173	100		
175	46.0	40.1	60.1
254	9.4	7.8	11.6



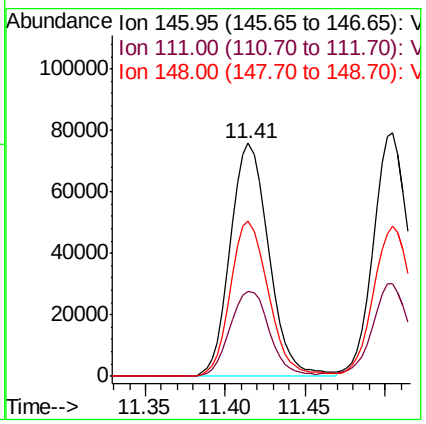


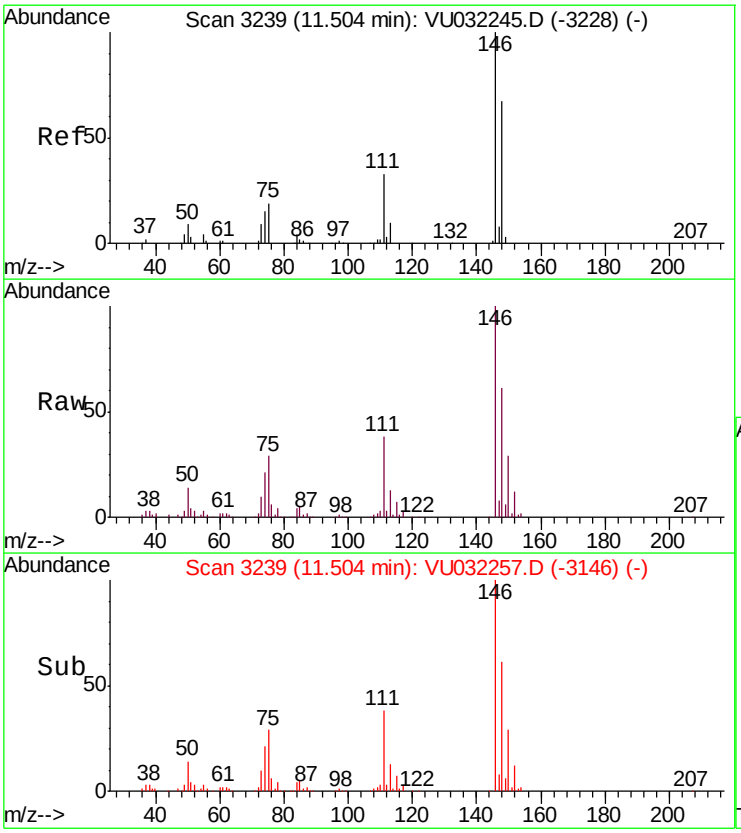
#62
1,3-Dichlorobenzene
Concen: 4.920 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:146 Resp: 124574

Ion	Ratio	Lower	Upper
146	100		
111	36.4	28.2	52.4
148	66.5	46.0	85.4

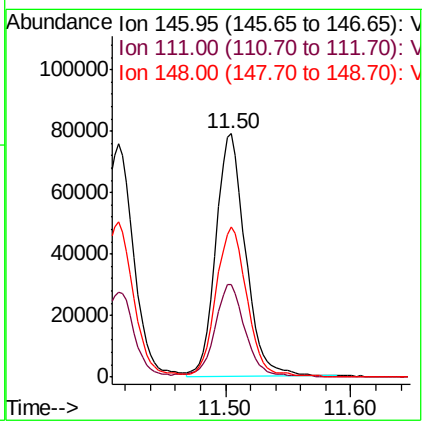


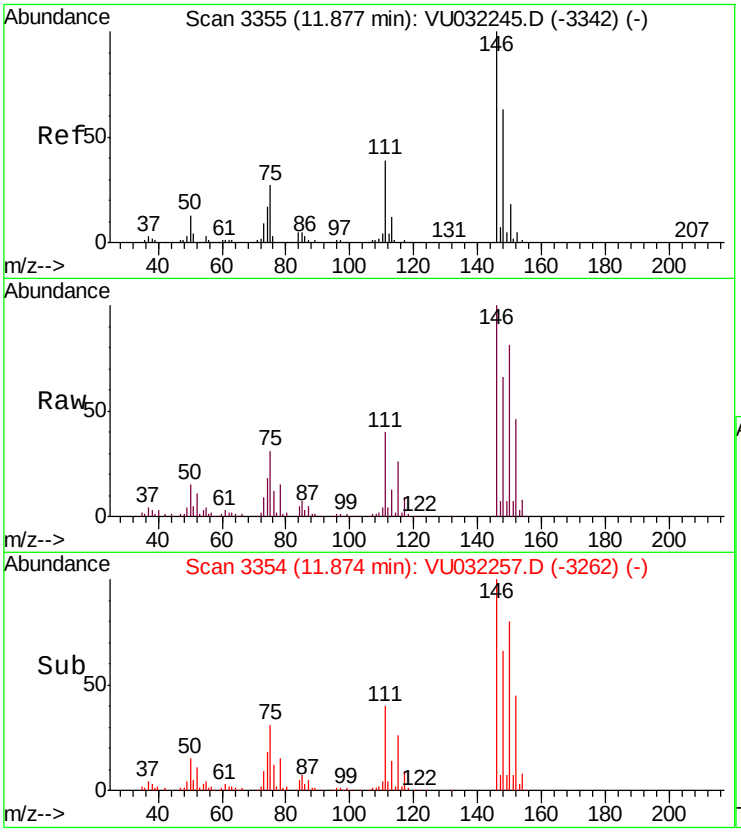


#63
1,4-Dichlorobenzene
Concen: 4.864 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:146 Resp: 129165

Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.6	49.4
148	61.5	45.2	84.0



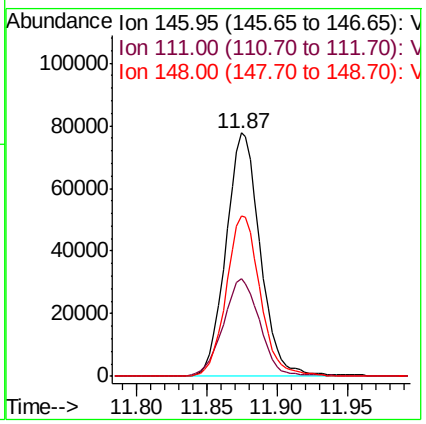


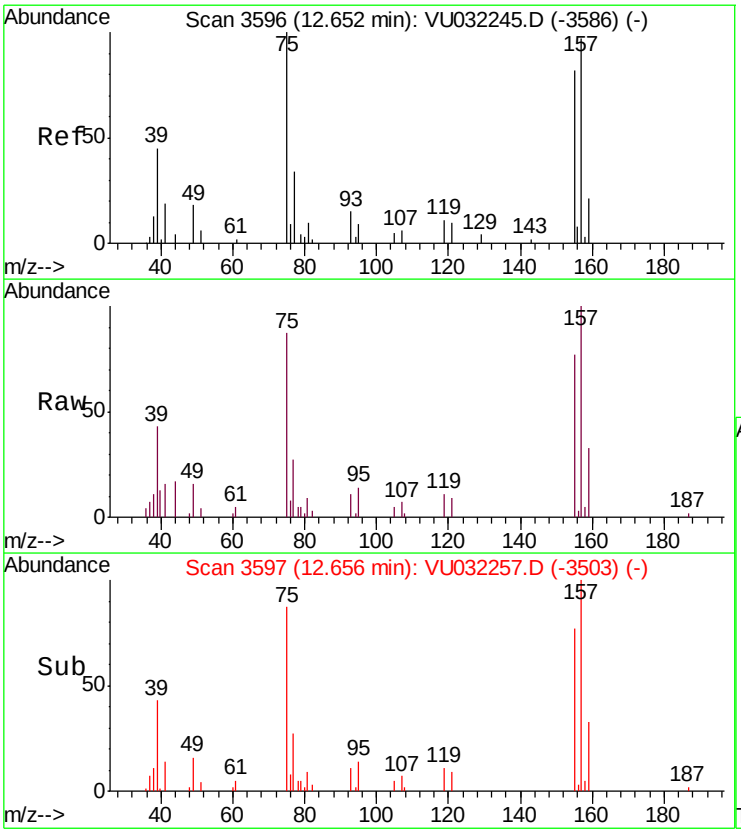
#65
1,2-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Tgt Ion:146 Resp: 131904

Ion	Ratio	Lower	Upper
146	100		
111	40.3	33.9	50.9
148	66.1	54.3	81.5

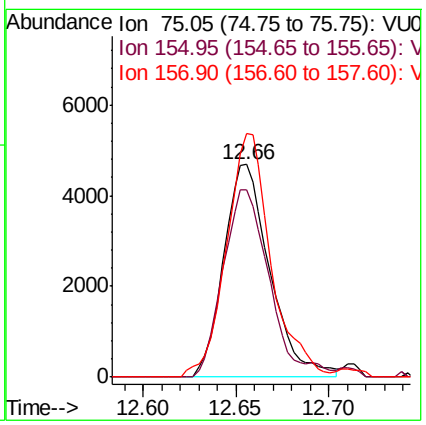


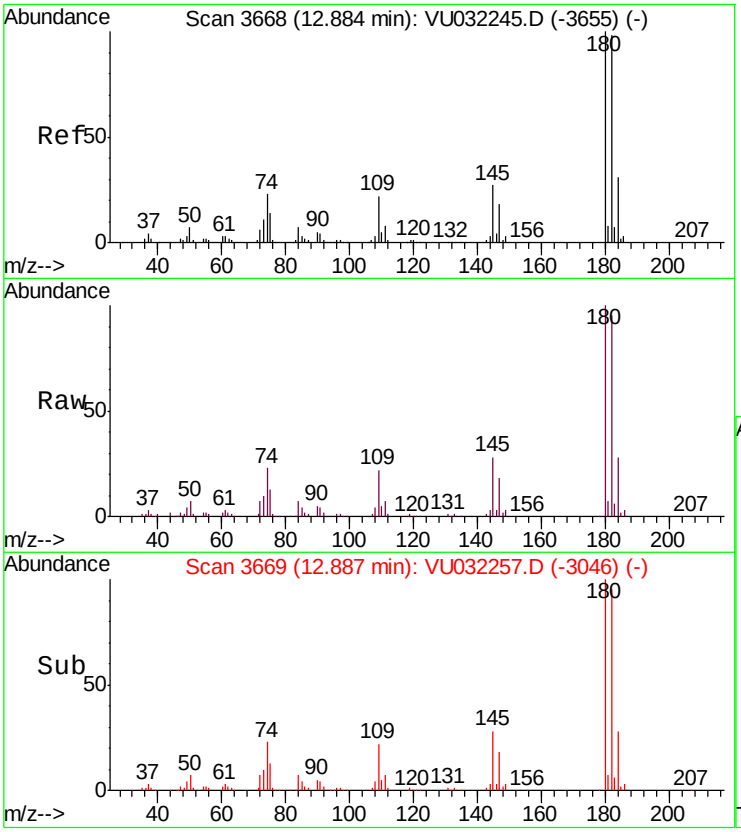


#66
1,2-Dibromo-3-chloropropane
Concen: 4.887 ug/L
RT: 12.66 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion: 75 Resp: 8104

Ion	Ratio	Lower	Upper
75	100		
155	88.2	69.3	103.9
157	114.5	90.6	135.8



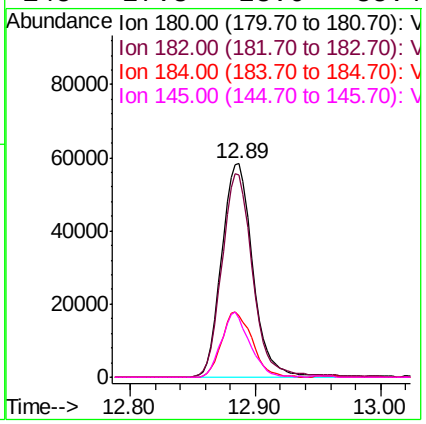


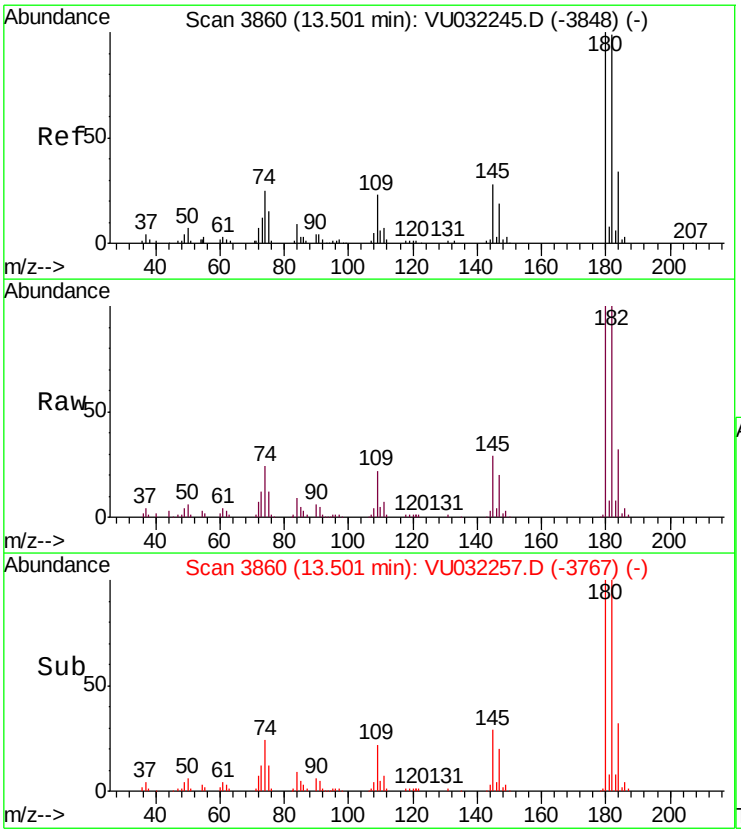
#67
1,3,5-Trichlorobenzene
Concen: 5.222 ug/L
RT: 12.89 min Scan# 3669
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:180 Resp: 100614

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.2	114.4
184	29.8	24.3	36.5
145	27.8	23.6	35.4

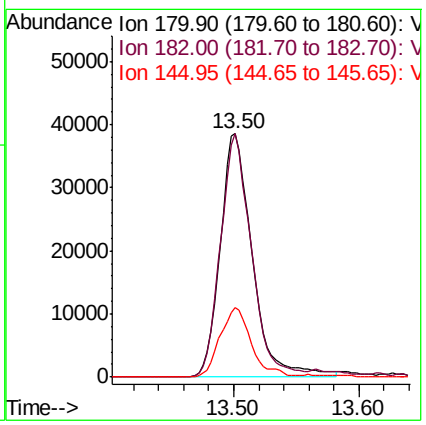


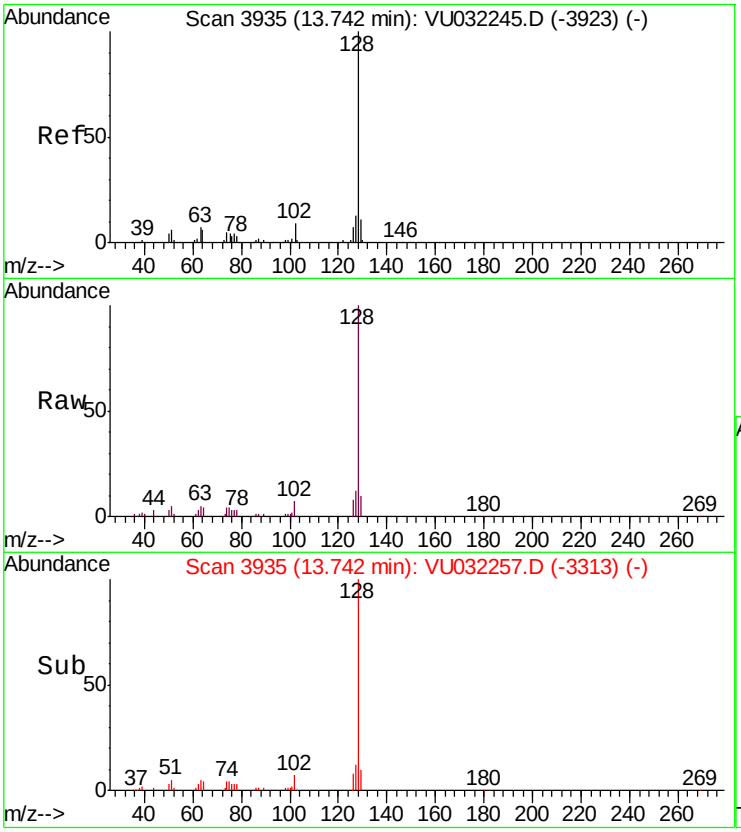


#68
1,2,4-trichlorobenzene
Concen: 5.051 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:180 Resp: 68622

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	27.6	21.7	32.5



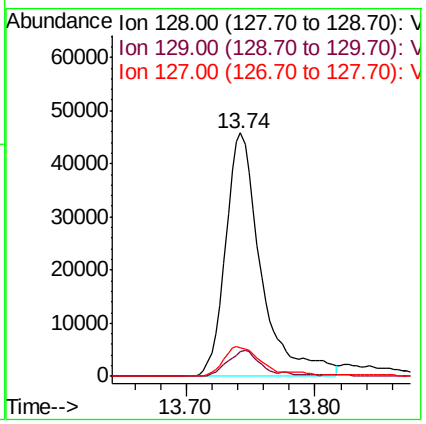


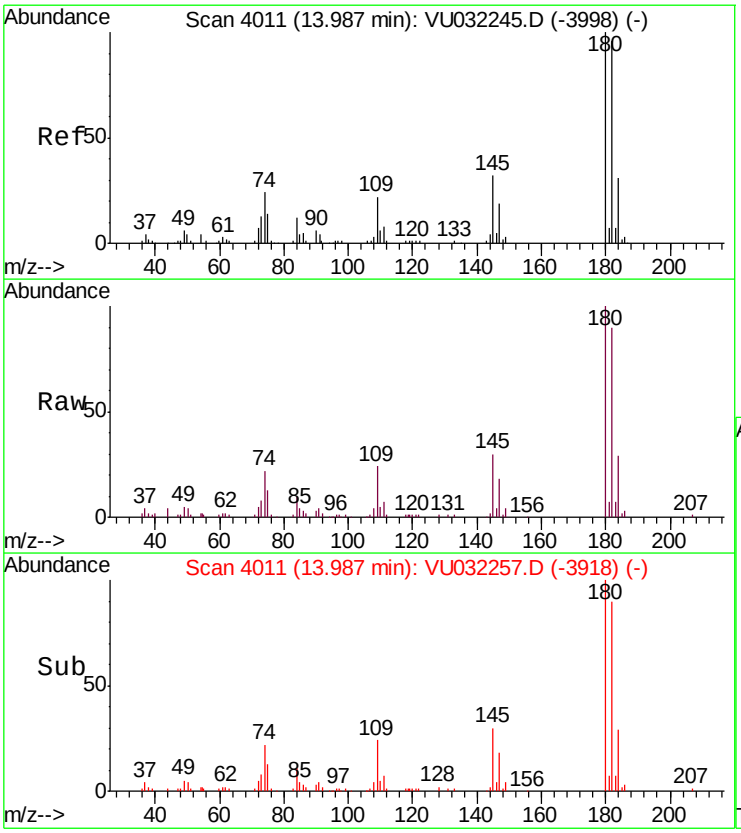
#69
Naphthalene
Concen: 4.213 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD00513

Tgt Ion:128 Resp: 87558

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.2	13.8
127	12.2	11.1	16.7





#70
1,2,3-Trichlorobenzene
Concen: 4.688 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU032257.D
Acq: 23 May 2019 08:55

Tgt Ion:180 Resp: 67416

Ion	Ratio	Lower	Upper
180	100		
182	97.3	74.6	111.8
145	29.7	23.4	35.0