Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\

Quantitation Report (Not Reviewed)

Data File : VU033842.D
Acq On : 20 Aug 2019 10:02
Operator : JC/SP
Sample : VSTD0.505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Quant Time: Aug 21 05:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:04:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	172336	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	176618	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	84895	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	7281	0.50	ug/L		0.00
7) Chloroethane-d5	1.67	69	6887	0.53	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.26	63	14459	0.49	ug/L		0.00
20) 2-Butanone-d5	4.18	46	12712	4.37	ug/L		0.02
24) Chloroform-d	4.62	84	11619	0.47	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.29	65	7147	0.54	ug/L		0.00
32) Benzene-d6	5.32	84	19925	0.45	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.31	67	7284	0.51	ug/L		0.00
41) Toluene-d8	7.55	98	17464	0.42	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.84	79	2162	0.39	ug/L		0.00
46) 2-Hexanone-d5	8.31	63	6078	3.08	ug/L		0.01
57) 1,1,2,2-Tetrachloroethane-	10.42	84	6039	0.49	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	7200	0.49	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	8010	0.513	ug/L		95
3) Chloromethane	1.32	50	7929	0.523	ug/L		97
5) Vinyl chloride	1.39	62	8940	0.524	ug/L		99
6) Bromomethane	1.62	94	5616	0.503	ug/L		96
8) Chloroethane	1.69	64	4927	0.492	ug/L		98
9) Trichlorofluoromethane	1.88	101	10952	0.505	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	6628	0.528	ug/L		98
12) 1,1-Dichloroethene	2.27	96	6279	0.527	ug/L		92
13) Acetone	2.32	43	12495	5.613	ug/L		99
14) Carbon disulfide	2.46	76	21583	0.527	ug/L		98
15) Methyl Acetate	2.61	43	2532	0.454	ug/L	#	84
16) Methylene chloride	2.68	84	8106	0.580	ug/L		94
17) Methyl tert-butyl Ether	2.98	73	15500	0.518	ug/L	#	89
18) trans-1,2-Dichloroethene	2.96	96	7277	0.554	ug/L		98
19) 1,1-Dichloroethane	3.42	63	9657	0.507	ug/L		99
21) 2-Butanone	4.27	43	10318	4.323	ug/L		94
22) cis-1,2-Dichloroethene	4.20	96	4637	0.449	ug/L		97
23) Bromochloromethane	4.53	128	2490	0.499	ug/L		94
25) Chloroform	4.65	83	13114	0.609	ug/L		98
27) 1,2-Dichloroethane	5.39	62	5835	0.477	ug/L	#	93
29) 1,1,1-Trichloroethane	4.89	97	8243	0.515	ug/L		98
30) Cyclohexane	4.97	56	6231	0.461	ug/L		100
31) Carbon tetrachloride	5.11	117	7312	0.507	ug/L		100
33) Benzene	5.37	78	18200	0.470	ug/L		100
34) Trichloroethene	6.17	95	5851	0.563	ug/L		87
35) Methylcyclohexane	6.40	83	6295	0.433	ug/L		92
37) 1,2-Dichloropropane	6.42	63	4950	0.483	ug/L	#	92
38) Bromodichloromethane	6.74	83	6694	0.507	ug/L		99
39) cis-1,3-Dichloropropene	7.26	75	5830	0.430	ug/L		91
40) 4-Methyl-2-pentanone	7.45	43	22714	4.182	ug/L		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\

Quantitation Report (Not Reviewed)

Data File : VU033842.D
Acq On : 20 Aug 2019 10:02
Operator : JC/SP
Sample : VSTD0.505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Quant Time: Aug 21 05:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:04:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.62	91	16348	0.412	ug/L		96
44) trans-1,3-Dichloropropene	7.87	75	4927	0.435	ug/L		98
45) 1,1,2-Trichloroethane	8.05	97	3524	0.480	ug/L		96
47) Tetrachloroethene	8.21	164	4115	0.482	ug/L		98
48) 2-Hexanone	8.36	43	17153	4.322	ug/L	#	86
49) Dibromochloromethane	8.46	129	4342	0.474	ug/L		99
50) 1,2-Dibromoethane	8.58	107	3363	0.479	ug/L	#	93
51) Chlorobenzene	9.10	112	12927	0.492	ug/L		98
52) Ethylbenzene	9.23	91	15891	0.400	ug/L		94
53) m,p-Xylene	9.36	106	5926	0.397	ug/L		87
54) o-Xylene	9.77	106	5582	0.390	ug/L		95
55) Styrene	9.78	104	8972	0.362	ug/L		96
56) Isopropylbenzene	10.15	105	13536	0.366	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.45	83	4562	0.495	ug/L	#	89
59) 1,2,3-Trichloropropane	10.48	75	3342	0.497	ug/L		94
61) Bromoform	9.95	173	2621	0.559	ug/L	#	92
62) 1,3-Dichlorobenzene	11.40	146	9139	0.485	ug/L		95
63) 1,4-Dichlorobenzene	11.49	146	10242	0.528	ug/L		93
65) 1,2-Dichlorobenzene	11.86	146	9012	0.494	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.65	75	598	0.463	ug/L	#	88
67) 1,3,5-Trichlorobenzene	12.88	180	7111	0.497	ug/L		99
68) 1,2,4-trichlorobenzene	13.49	180	4265	0.409	ug/L		87
69) Naphthalene	13.74	128	4162	0.292	ug/L	#	95
70) 1,2,3-Trichlorobenzene	13.98	180	3687	0.377	ug/L		89

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

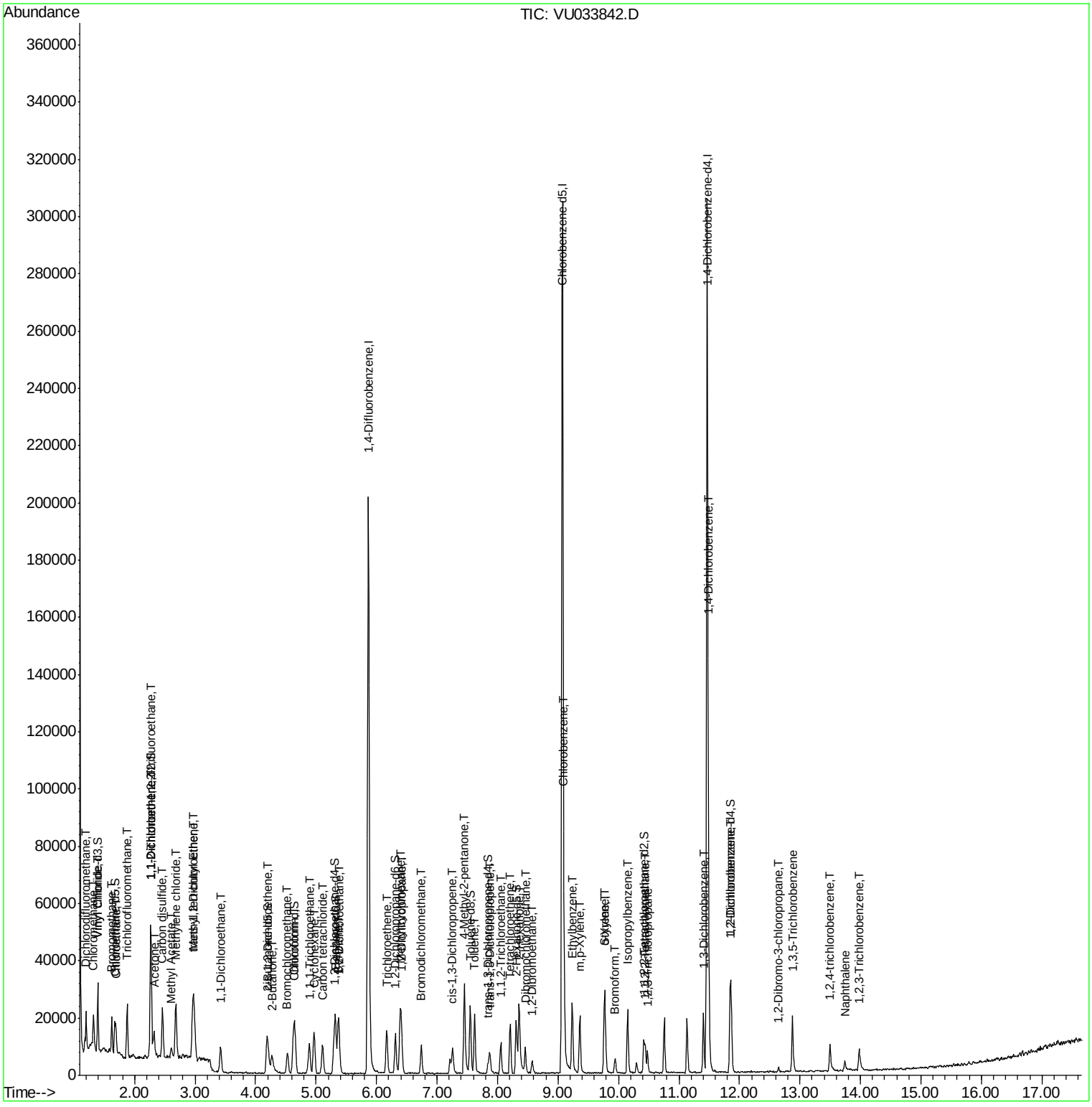
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\

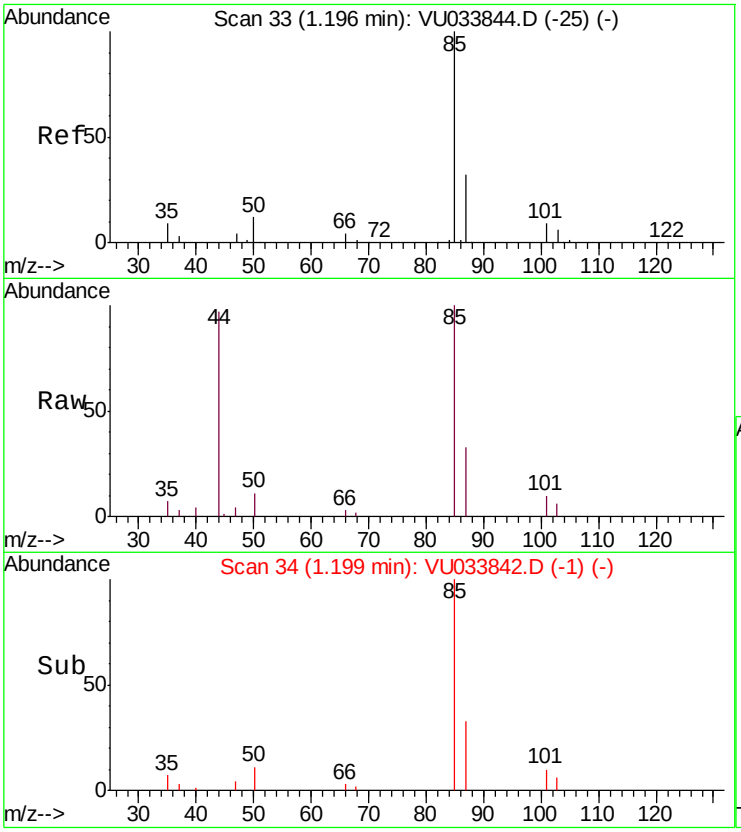
Quantitation Report (Not Reviewed)

Data File : VU033842.D
Acq On : 20 Aug 2019 10:02
Operator : JC/SP
Sample : VSTD0.505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Quant Time: Aug 21 05:09:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:04:59 2019
Response via : Initial Calibration



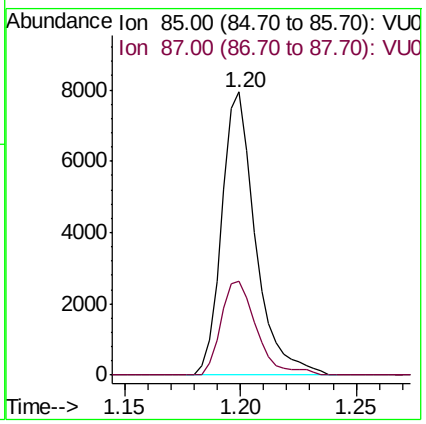


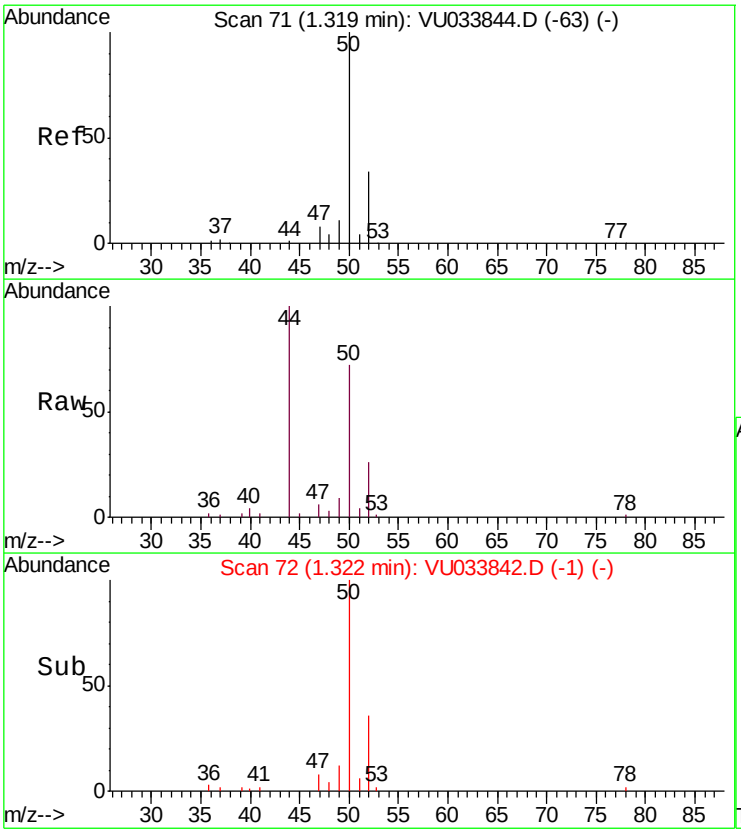
#2
Dichlorodifluoromethane
Concen: 0.513 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 85 Resp: 8010

Ion	Ratio	Lower	Upper
85	100		
87	34.8	25.5	38.3

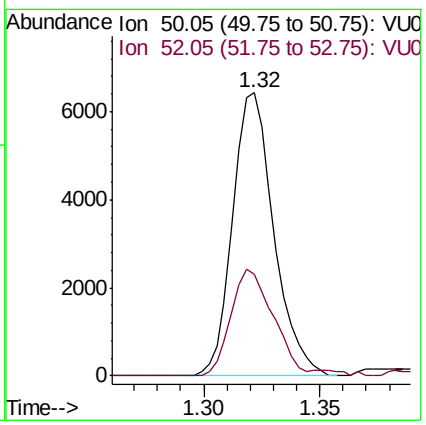


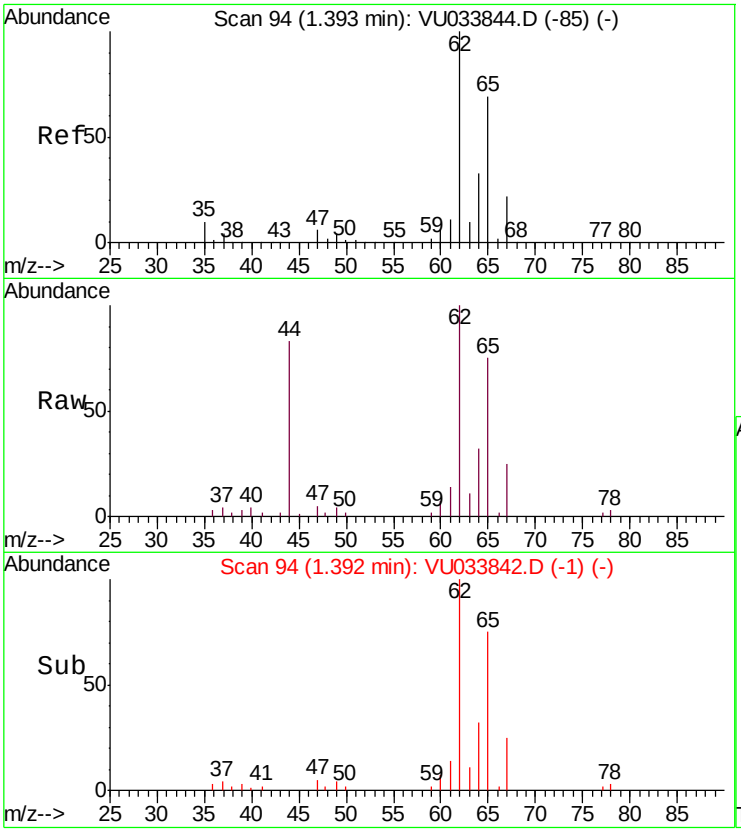


#3
Chloromethane
Concen: 0.523 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 50 Resp: 7929

Ion	Ratio	Lower	Upper
50	100		
52	35.7	23.8	44.2



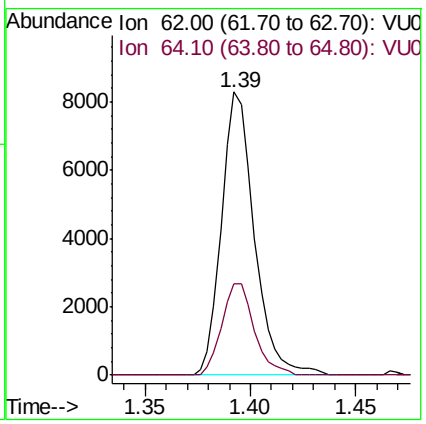


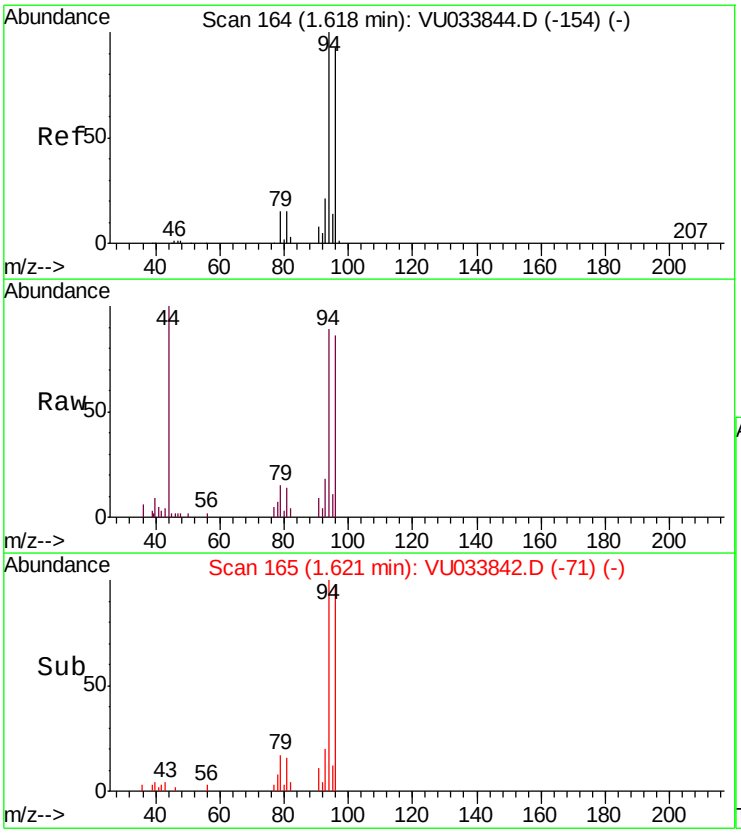
#5
Vinyl chloride
Concen: 0.524 ug/L
RT: 1.39 min Scan# 94
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 62 Resp: 8940

Ion	Ratio	Lower	Upper
62	100		
64	32.3	23.1	42.9

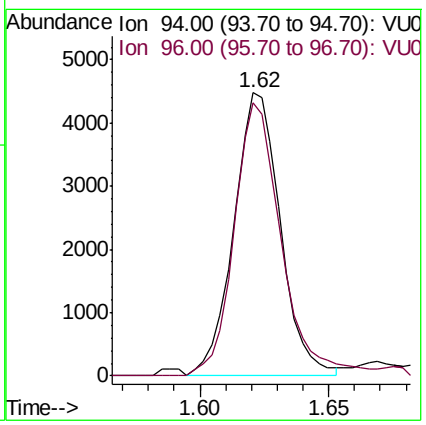


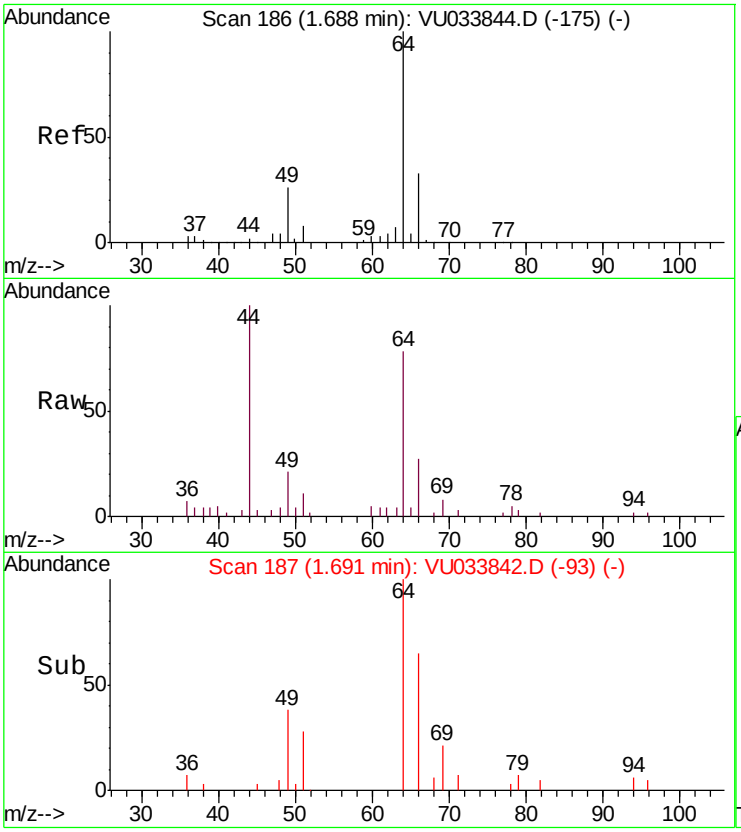


#6
Bromomethane
Concen: 0.503 ug/L
RT: 1.62 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 94 Resp: 5616

Ion	Ratio	Lower	Upper
94	100		
96	96.7	65.2	121.0



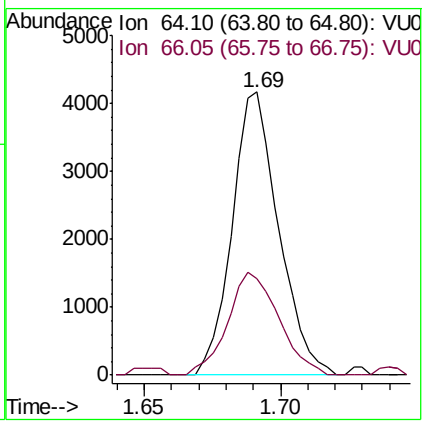


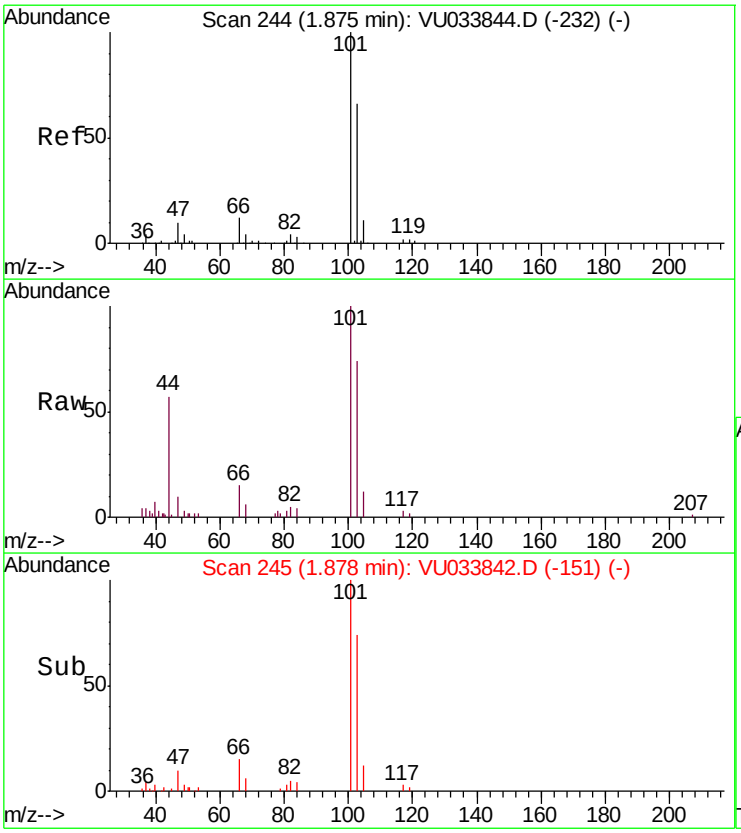
#8
Chloroethane
Concen: 0.492 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 64 Resp: 4927

Ion	Ratio	Lower	Upper
64	100		
66	34.2	23.3	43.3

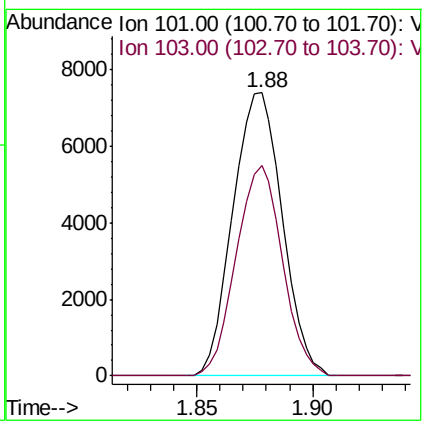


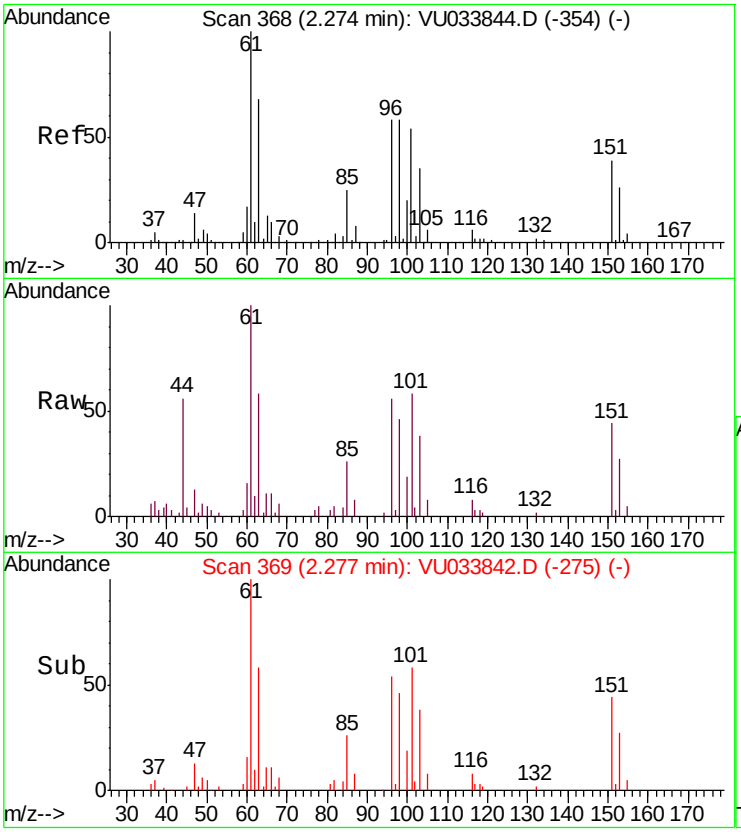


#9
Trichlorofluoromethane
Concen: 0.505 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:101 Resp: 10952

Ion	Ratio	Lower	Upper
101	100		
103	69.8	52.2	78.2



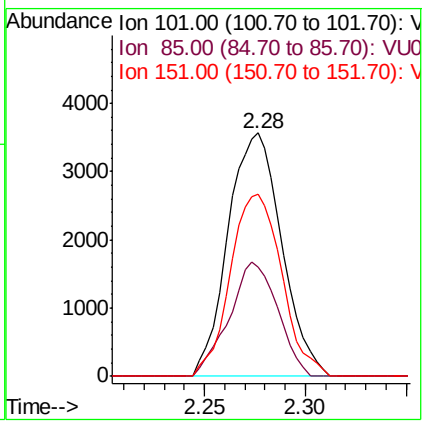


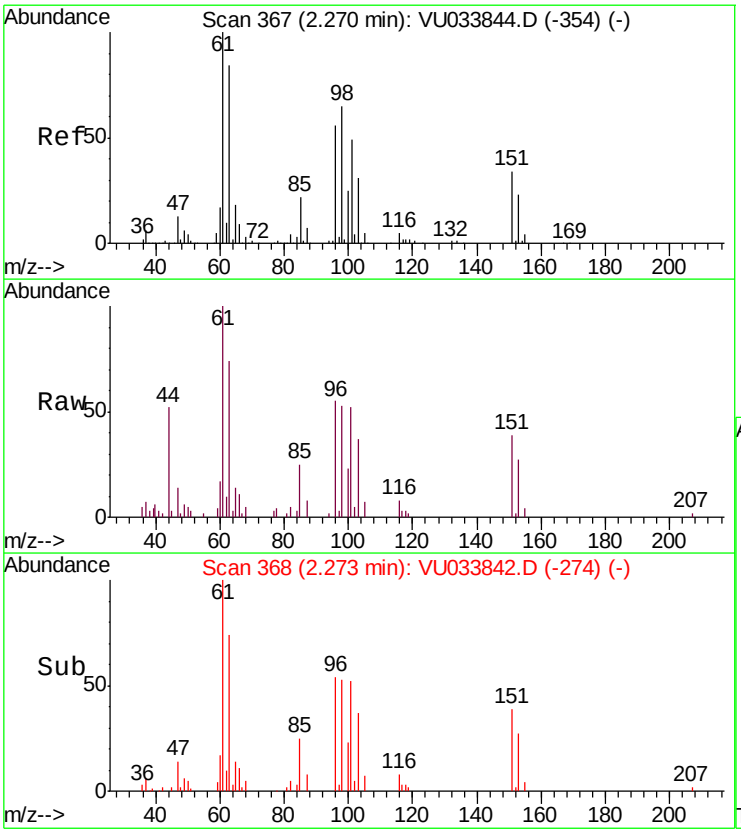
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.528 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:101 Resp: 6628

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.7	53.5
151	72.0	57.2	85.8

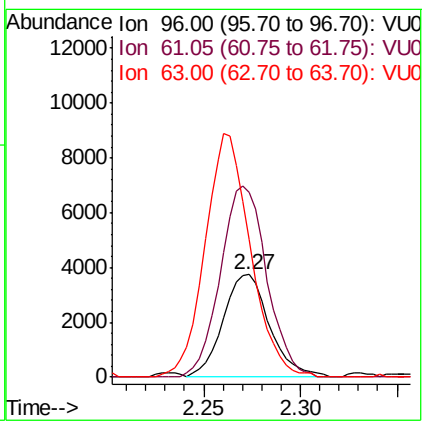


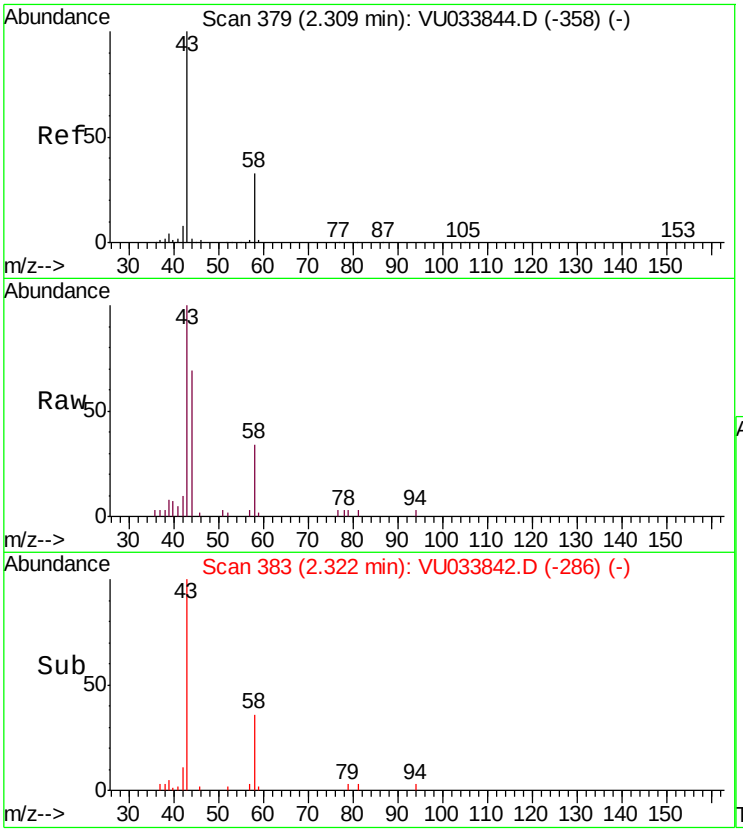


#12
1,1-Dichloroethene
Concen: 0.527 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 96 Resp: 6279

Ion	Ratio	Lower	Upper
96	100		
61	180.3	124.3	230.9
63	133.7	106.3	197.3



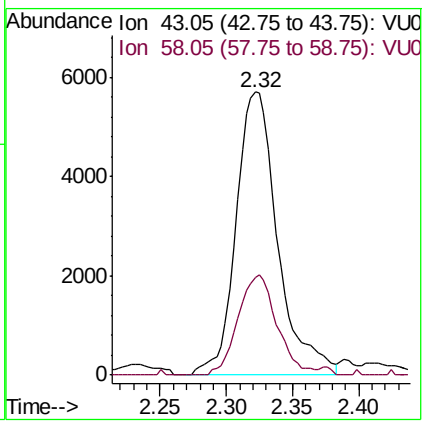


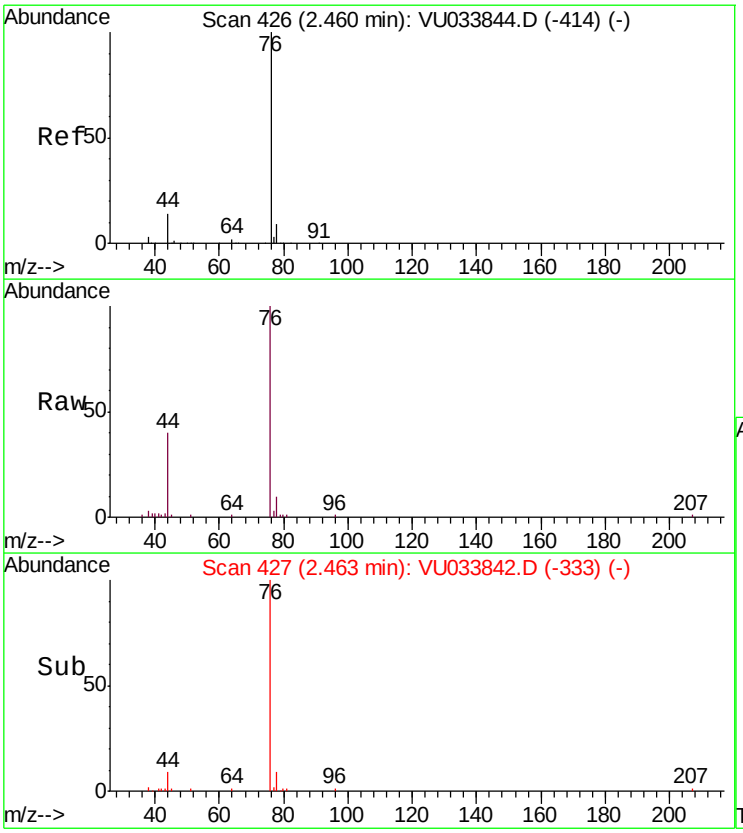
#13
Acetone
Concen: 5.613 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 43 Resp: 12495

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	65.4

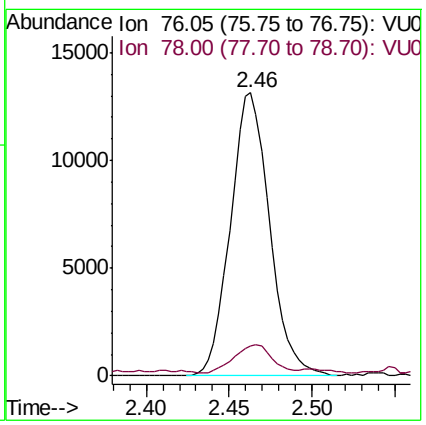


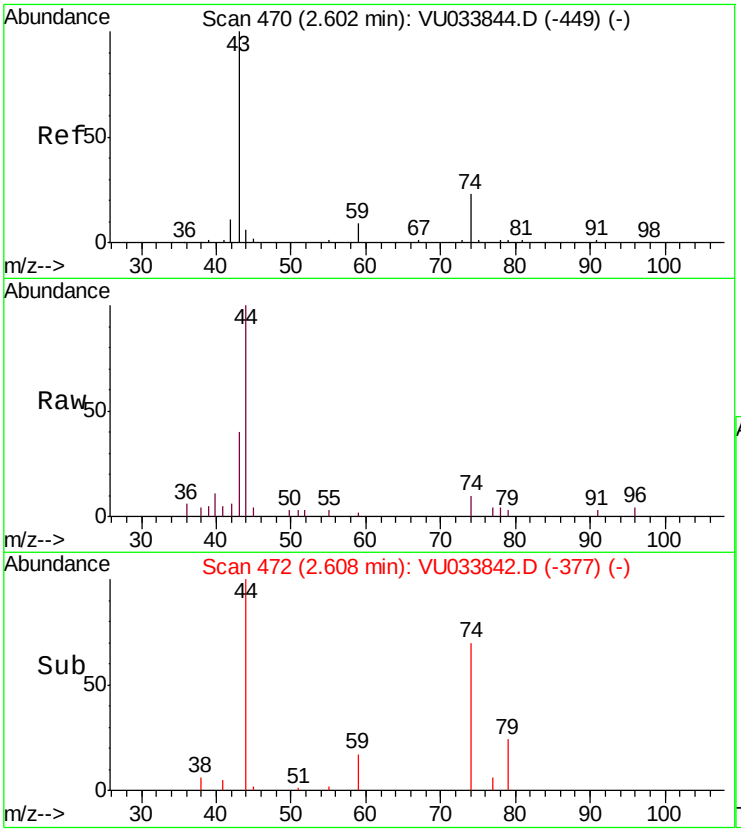


#14
Carbon disulfide
Concen: 0.527 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 76 Resp: 21583

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.7	11.5



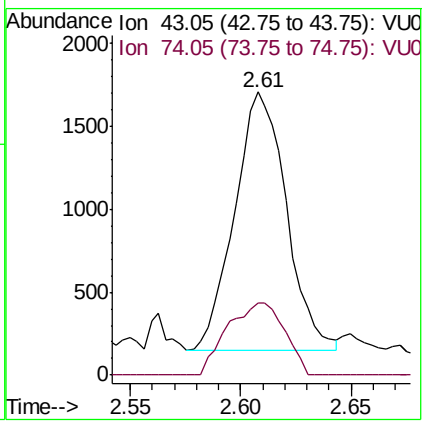


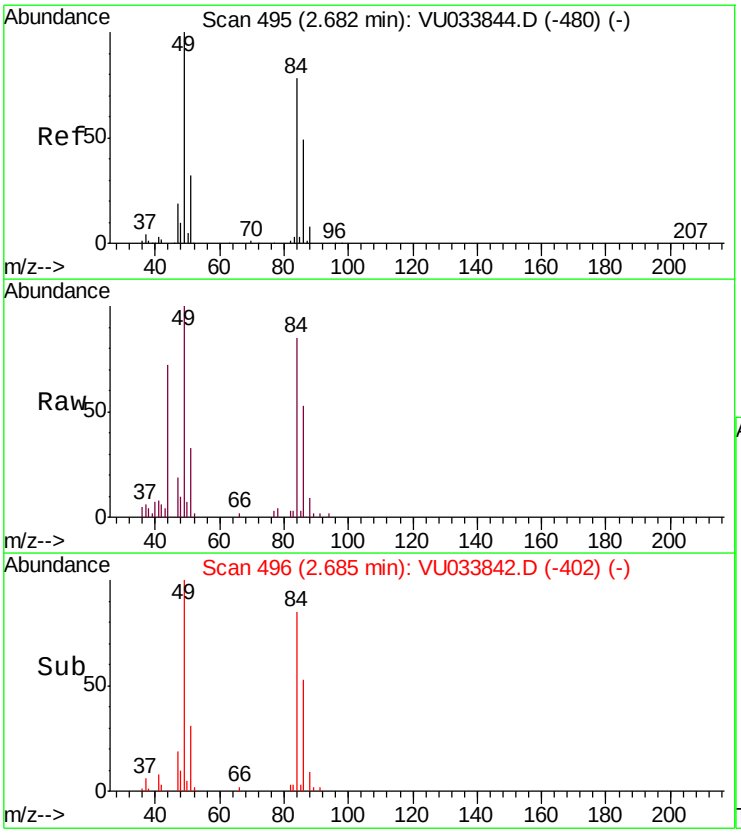
#15
Methyl Acetate
Concen: 0.454 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 43 Resp: 2532

Ion	Ratio	Lower	Upper
43	100		
74	31.0	18.6	28.0#

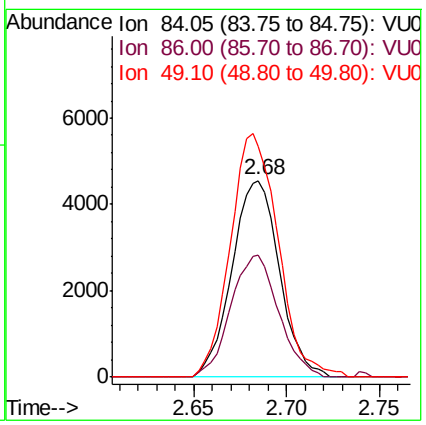


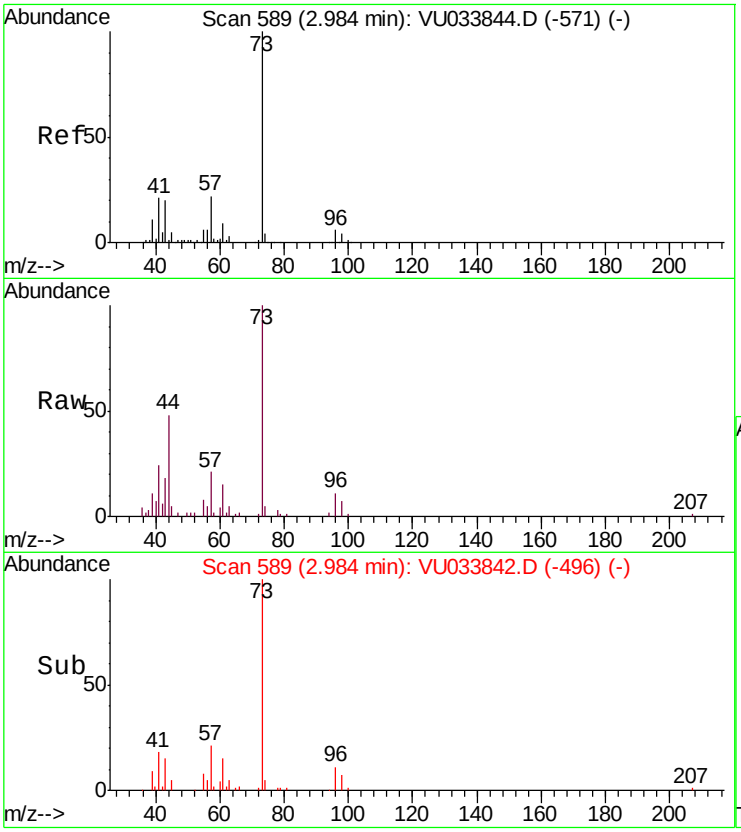


#16
Methylene chloride
Concen: 0.580 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 84 Resp: 8106

Ion	Ratio	Lower	Upper
84	100		
86	62.4	43.8	81.3
49	117.2	89.5	166.3



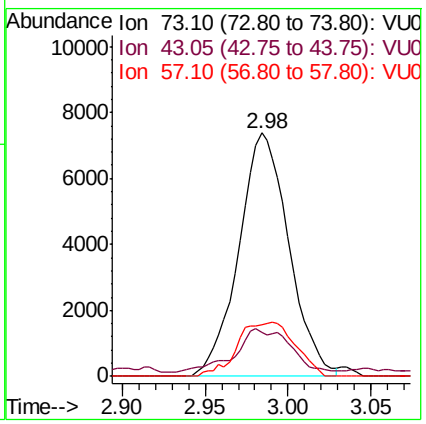


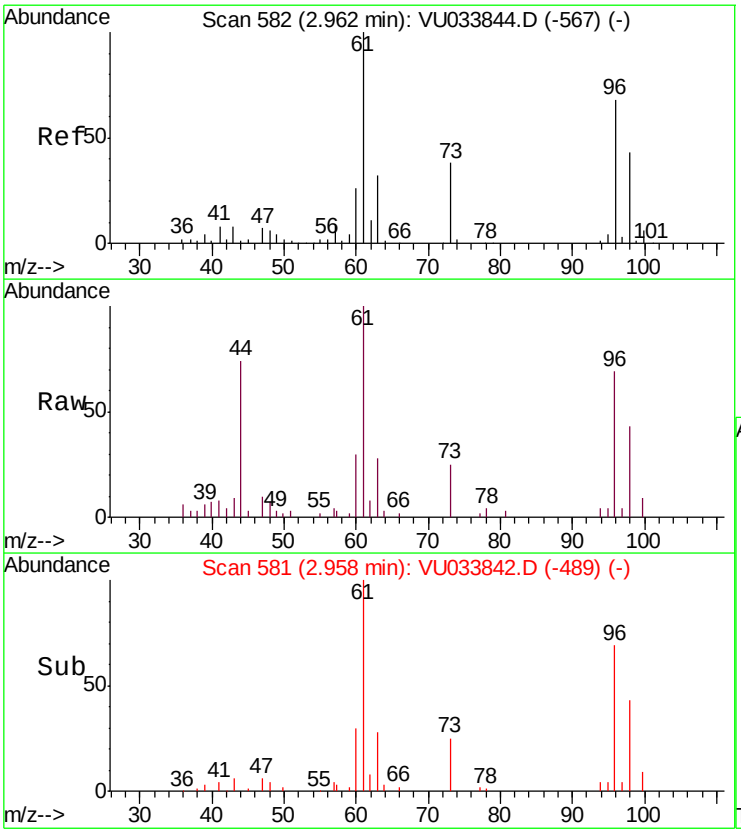
#17
Methyl tert-butyl Ether
Concen: 0.518 ug/L
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 73 Resp: 15500

Ion	Ratio	Lower	Upper
73	100		
43	11.7	15.9	23.9#
57	25.7	18.3	27.5

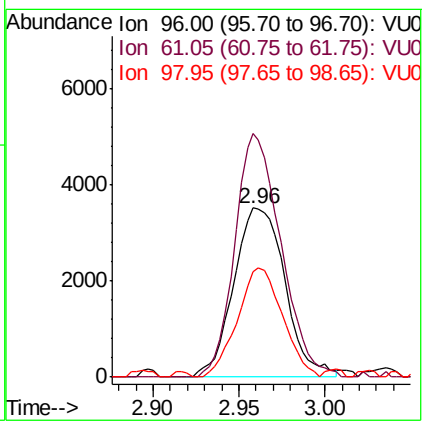


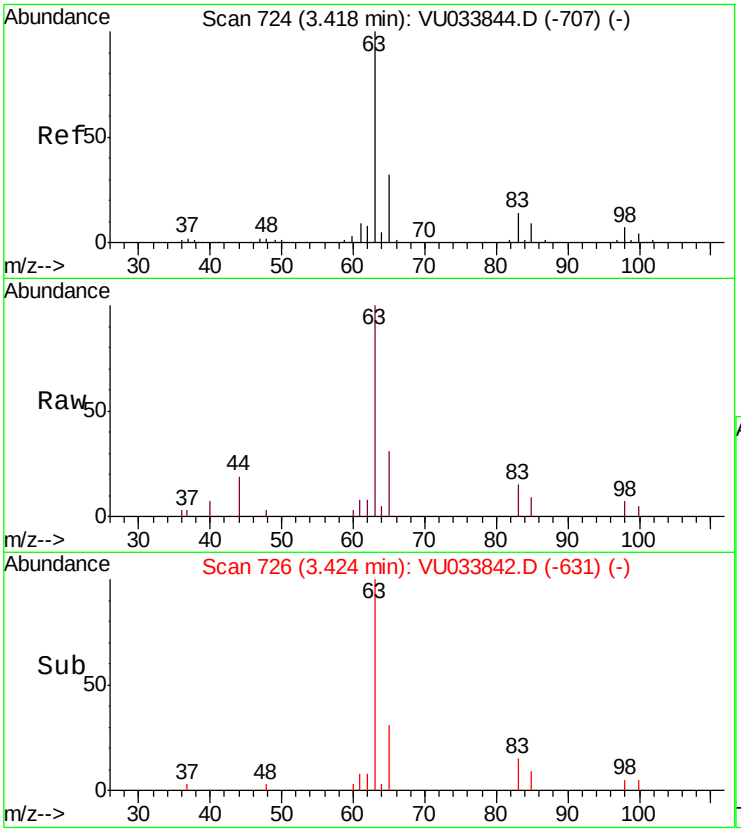


#18
trans-1,2-Dichloroethene
Concen: 0.554 ug/L
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 96 Resp: 7277

Ion	Ratio	Lower	Upper
96	100		
61	144.0	102.9	191.1
98	62.0	43.8	81.4



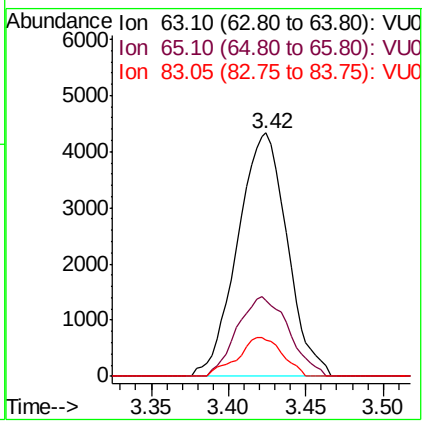


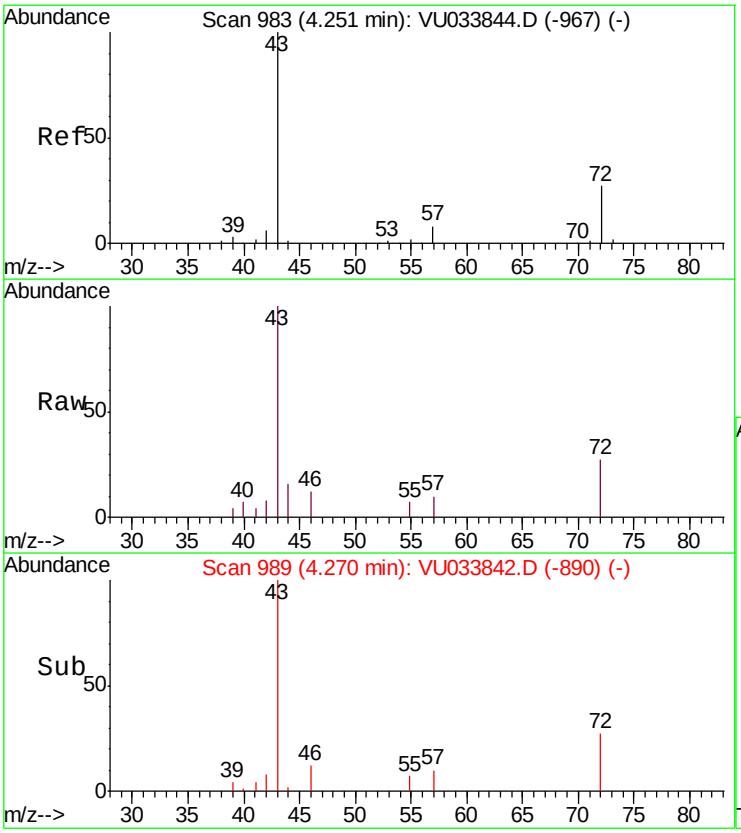
#19
1,1-Dichloroethane
Concen: 0.507 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 63 Resp: 9657

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.2	41.2
83	14.7	9.8	18.2

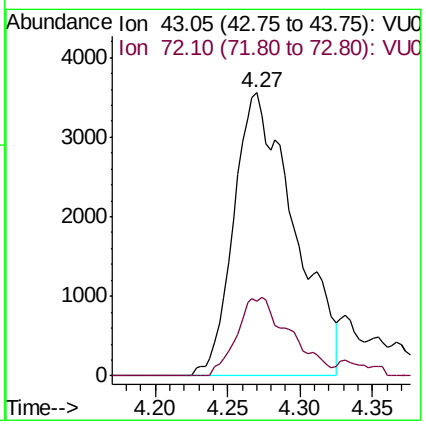


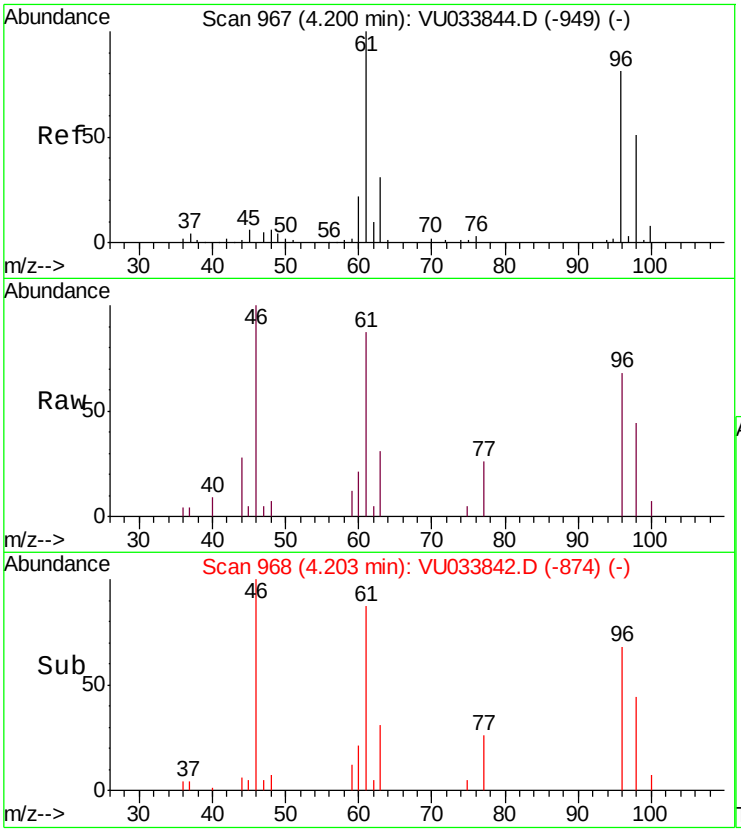


#21
2-Butanone
Concen: 4.323 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.02 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 43 Resp: 10318

Ion	Ratio	Lower	Upper
43	100		
72	24.3	13.7	41.0



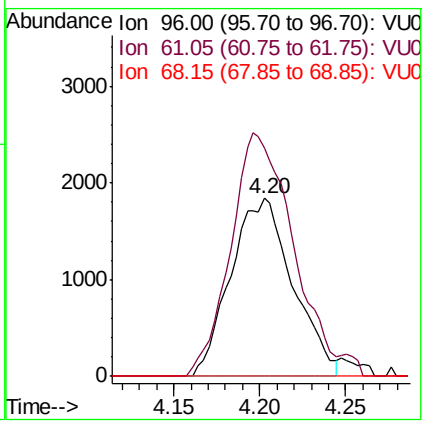


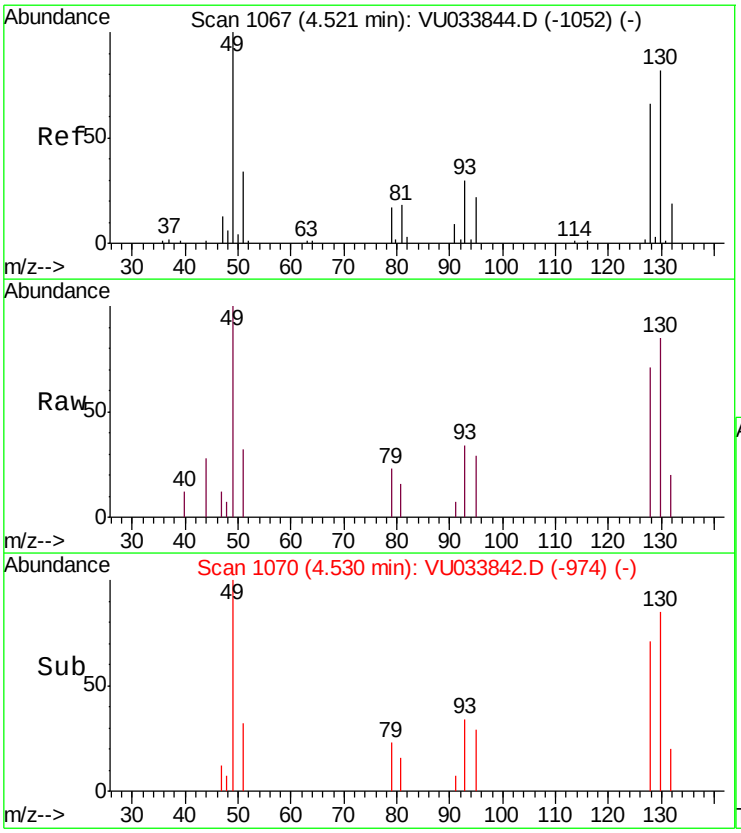
#22
cis-1,2-Dichloroethene
Concen: 0.449 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 96 Resp: 4637

Ion	Ratio	Lower	Upper
96	100		
61	128.3	87.2	161.9
68	0.0	0.0	0.0

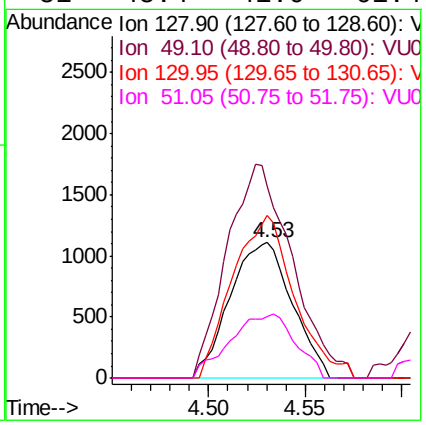


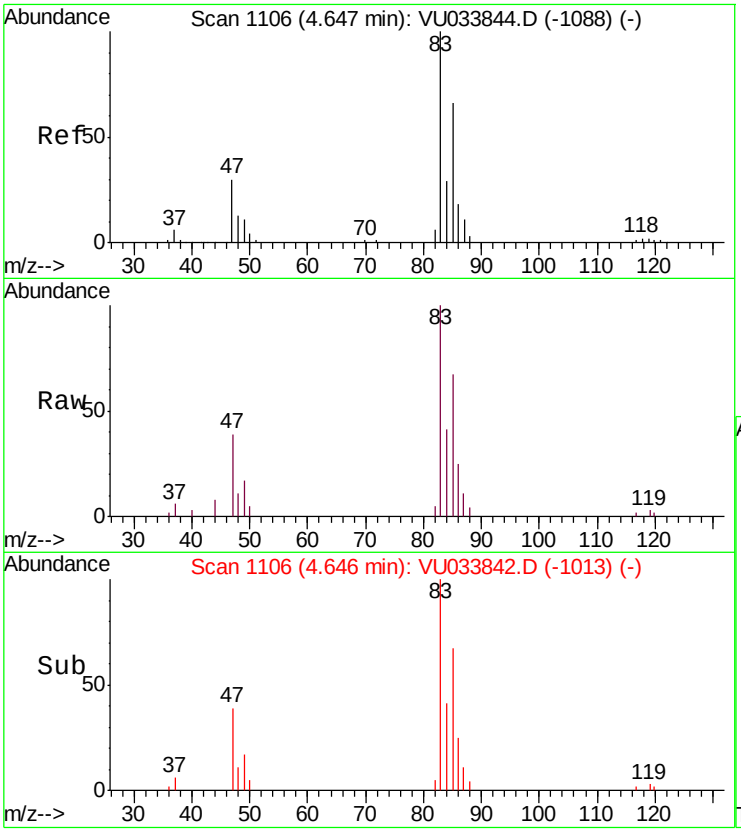


#23
Bromochloromethane
Concen: 0.499 ug/L
RT: 4.53 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:128 Resp: 2490

Ion	Ratio	Lower	Upper
128	100		
49	141.4	105.6	196.0
130	120.2	86.5	160.6
51	45.4	41.0	61.4



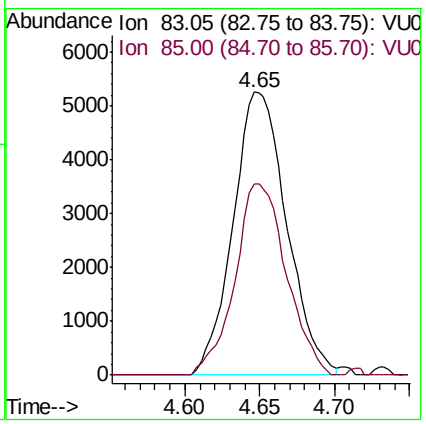


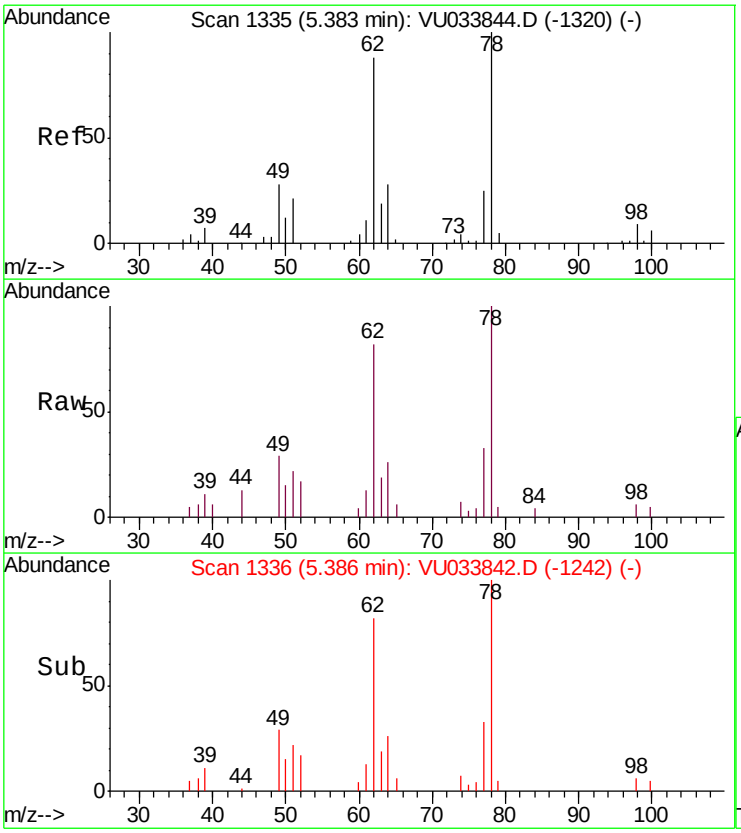
#25
Chloroform
Concen: 0.609 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 83 Resp: 13114

Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.3	85.9

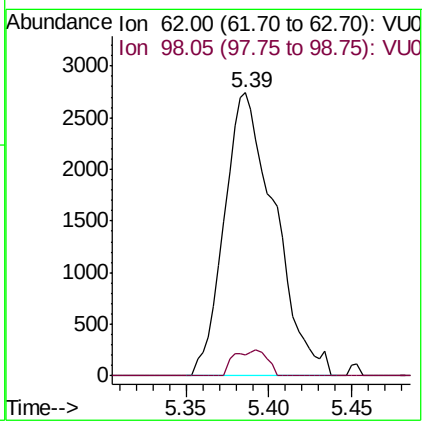


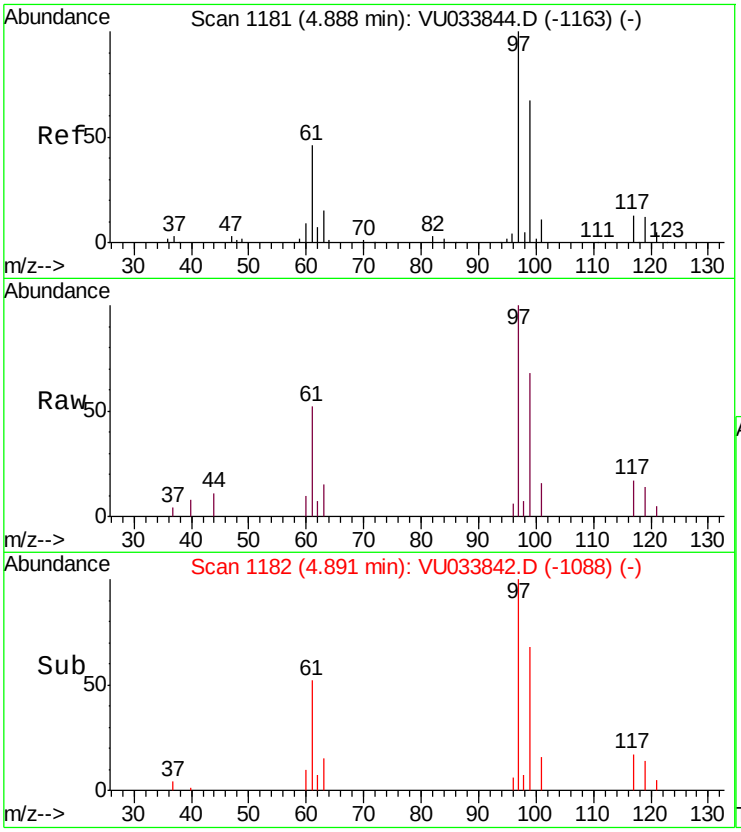


#27
1,2-Dichloroethane
Concen: 0.477 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 62 Resp: 5835

Ion	Ratio	Lower	Upper
62	100		
98	7.3	7.9	11.9#



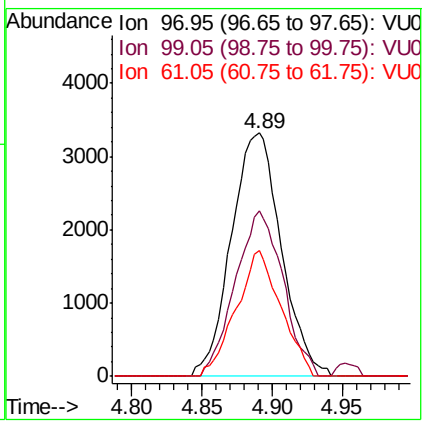


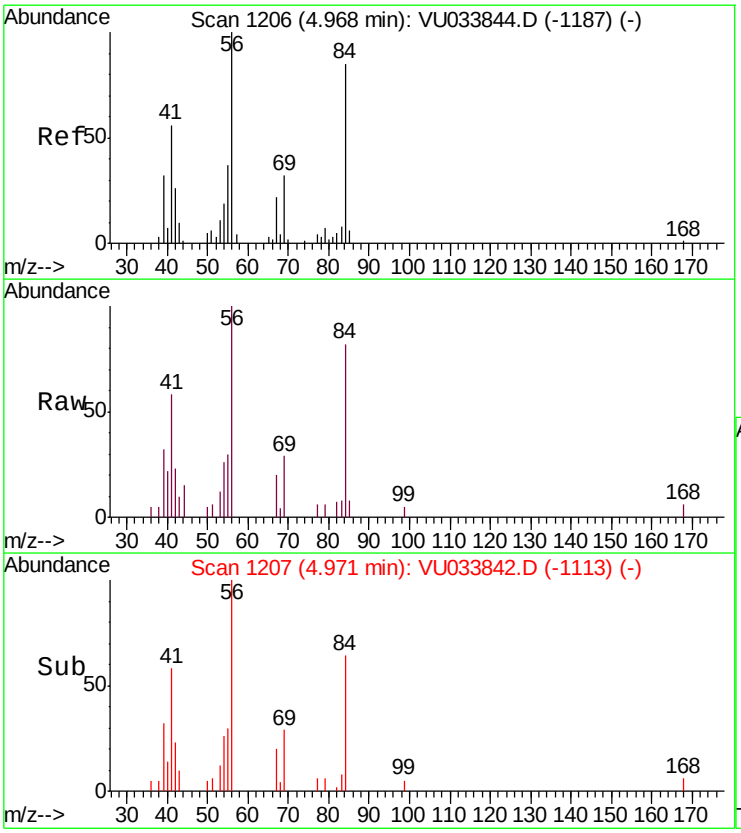
#29
1,1,1-Trichloroethane
Concen: 0.515 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 97 Resp: 8243

Ion	Ratio	Lower	Upper
97	100		
99	64.8	53.4	80.0
61	46.1	36.6	55.0

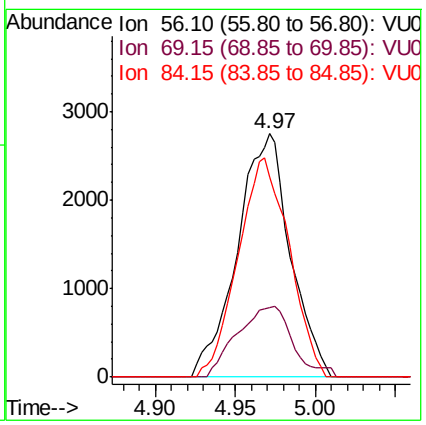


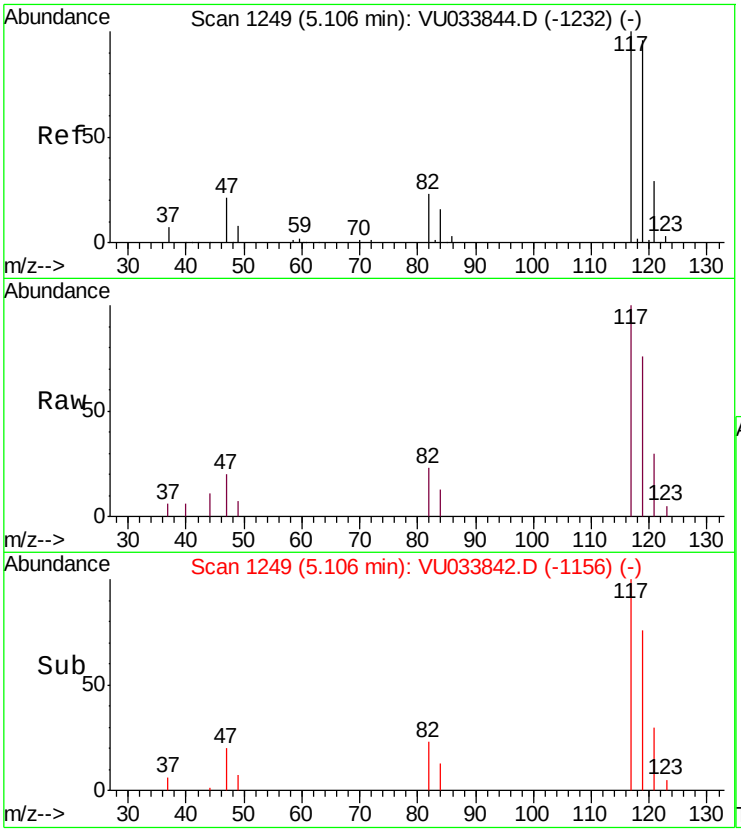


#30
Cyclohexane
Concen: 0.461 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 56 Resp: 6231

Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.1	37.7
84	87.0	69.5	104.3



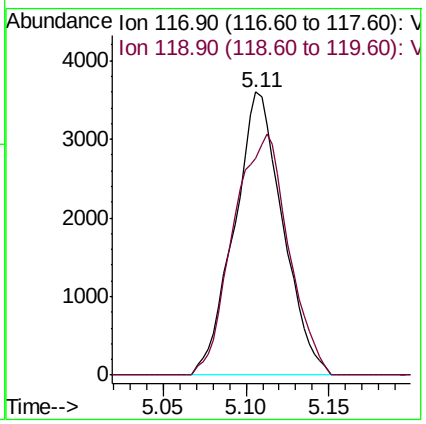


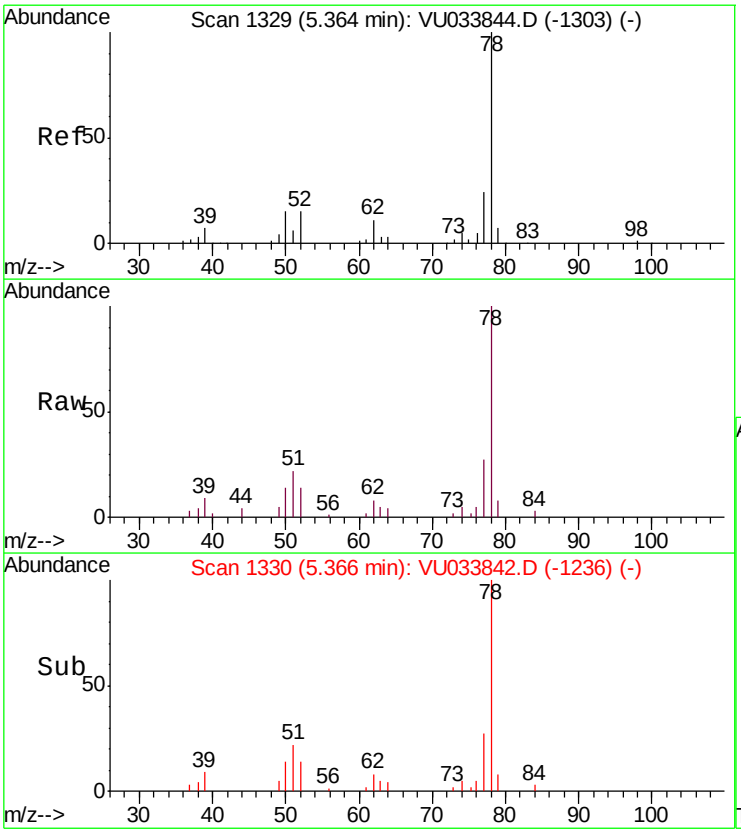
#31
Carbon tetrachloride
Concen: 0.507 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:117 Resp: 7312

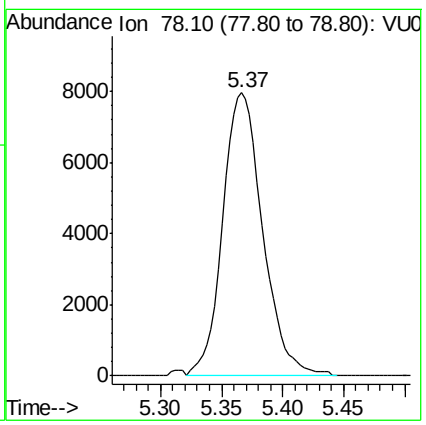
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.6	116.4

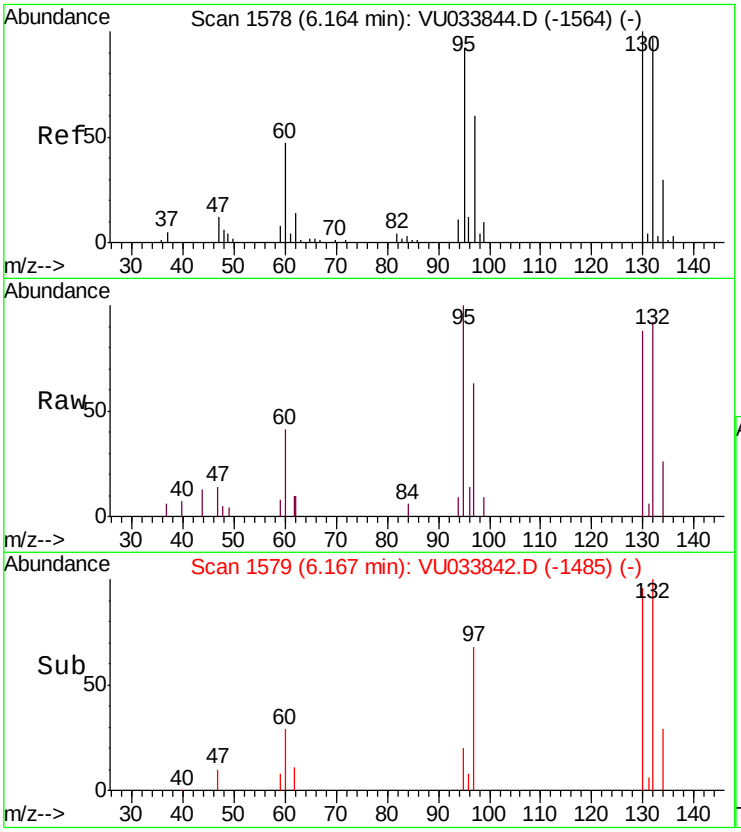




#33
Benzene
Concen: 0.470 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 78 Resp: 18200



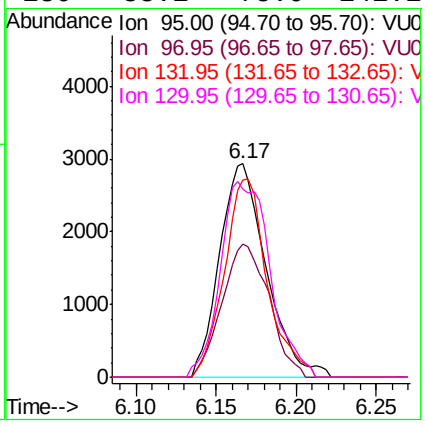


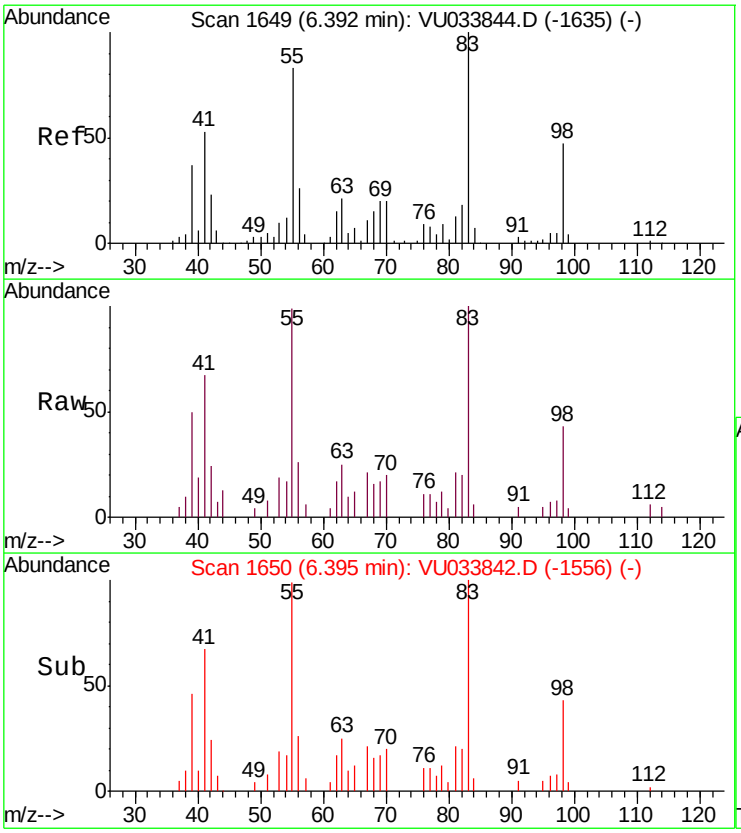
#34
Trichloroethene
Concen: 0.563 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 95 Resp: 5851

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.6	84.8
132	92.2	73.5	136.5
130	88.1	75.9	141.1

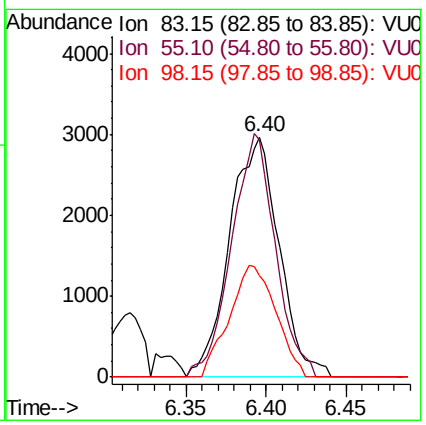


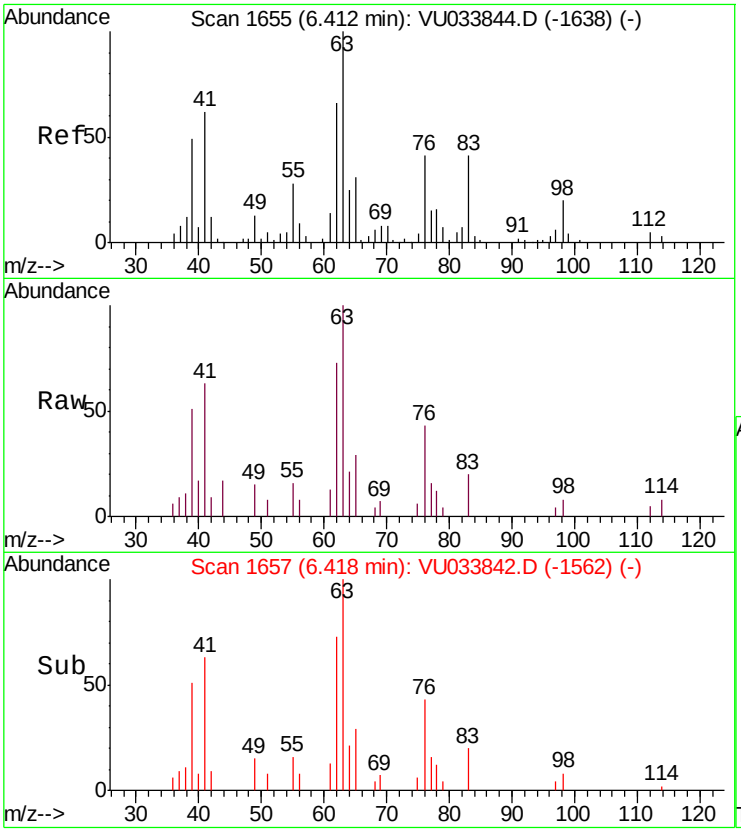


#35
Methylcyclohexane
Concen: 0.433 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 83 Resp: 6295

Ion	Ratio	Lower	Upper
83	100		
55	89.5	64.3	96.5
98	43.5	37.4	56.0



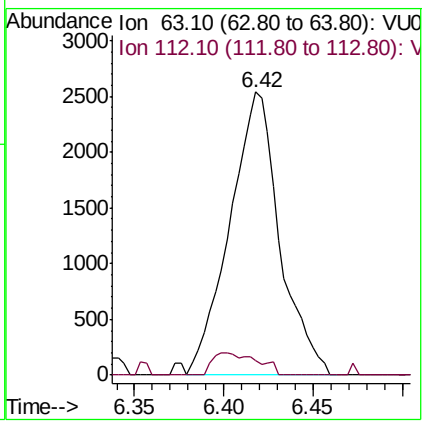


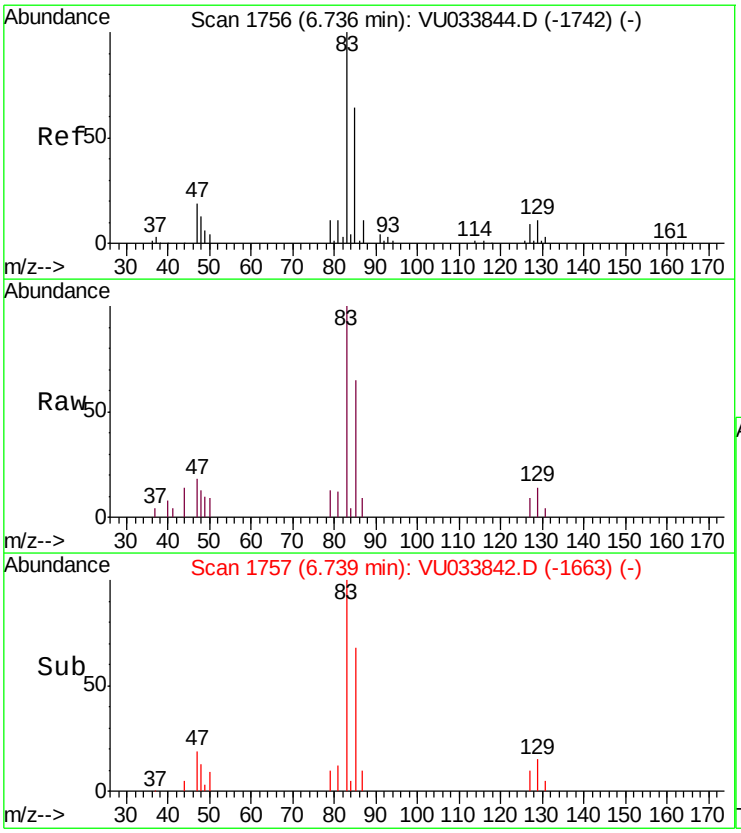
#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 63 Resp: 4950

Ion	Ratio	Lower	Upper
63	100		
112	7.1	3.5	5.3#

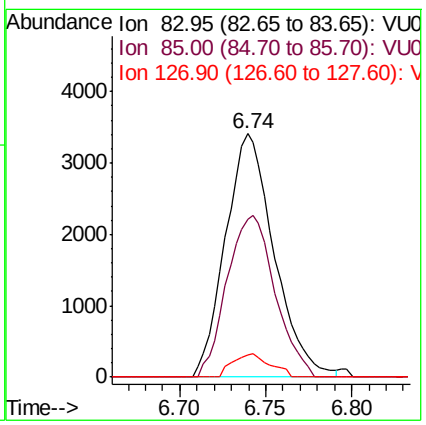


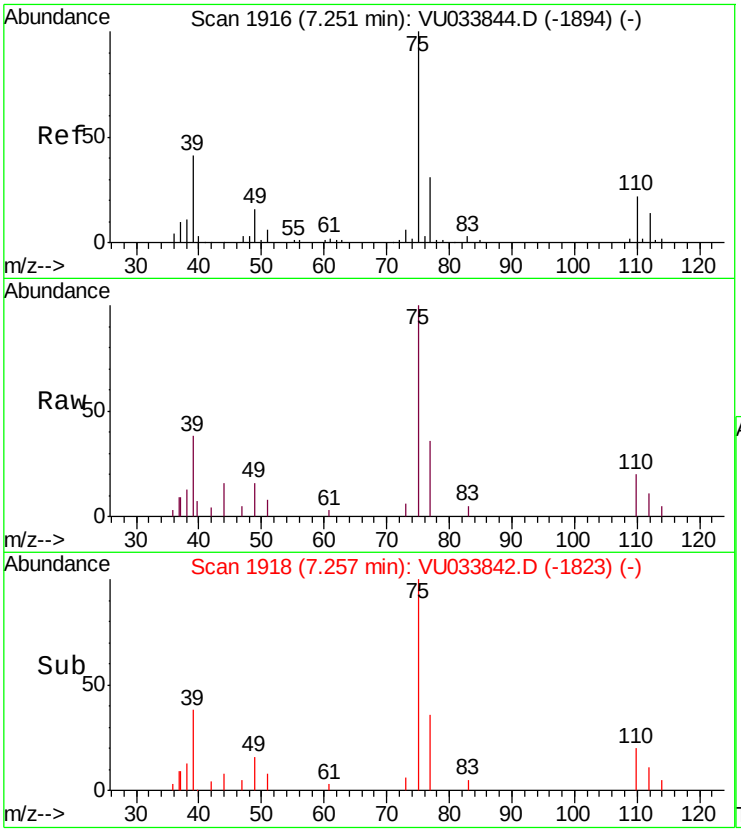


#38
Bromodichloromethane
Concen: 0.507 ug/L
RT: 6.74 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 83 Resp: 6694

Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.7	83.1
127	9.2	7.1	10.7



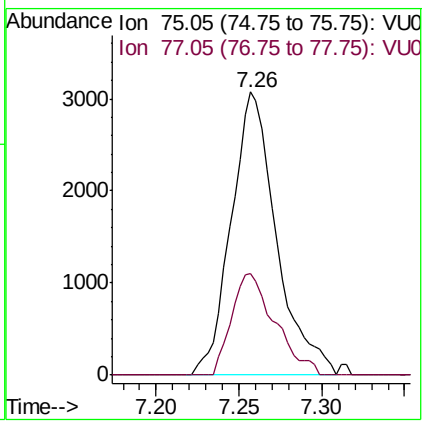


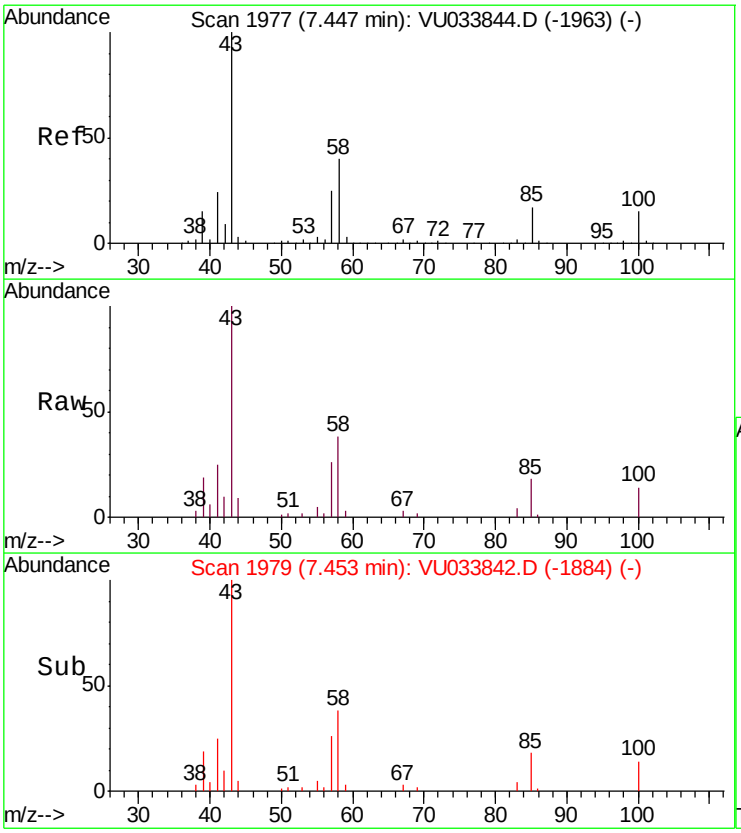
#39
cis-1,3-Dichloropropene
Concen: 0.430 ug/L
RT: 7.26 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 75 Resp: 5830

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.6	40.2

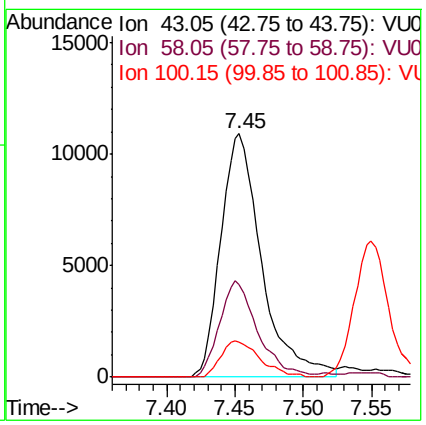


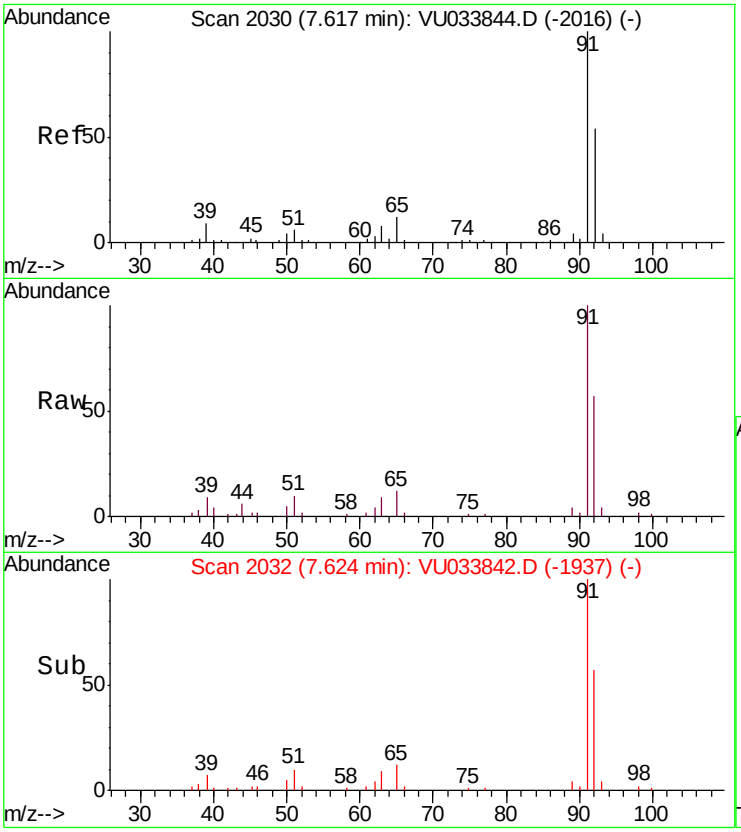


#40
4-Methyl-2-pentanone
Concen: 4.182 ug/L
RT: 7.45 min Scan# 1979
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 43 Resp: 22714

Ion	Ratio	Lower	Upper
43	100		
58	36.9	32.0	48.0
100	14.3	11.8	17.6



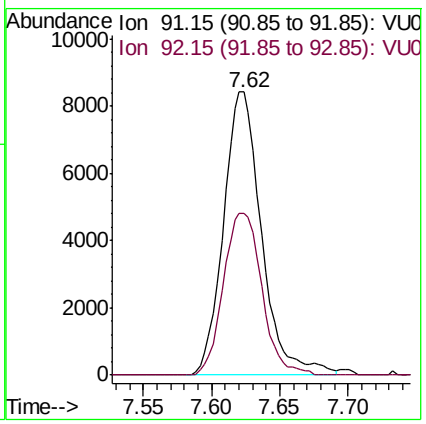


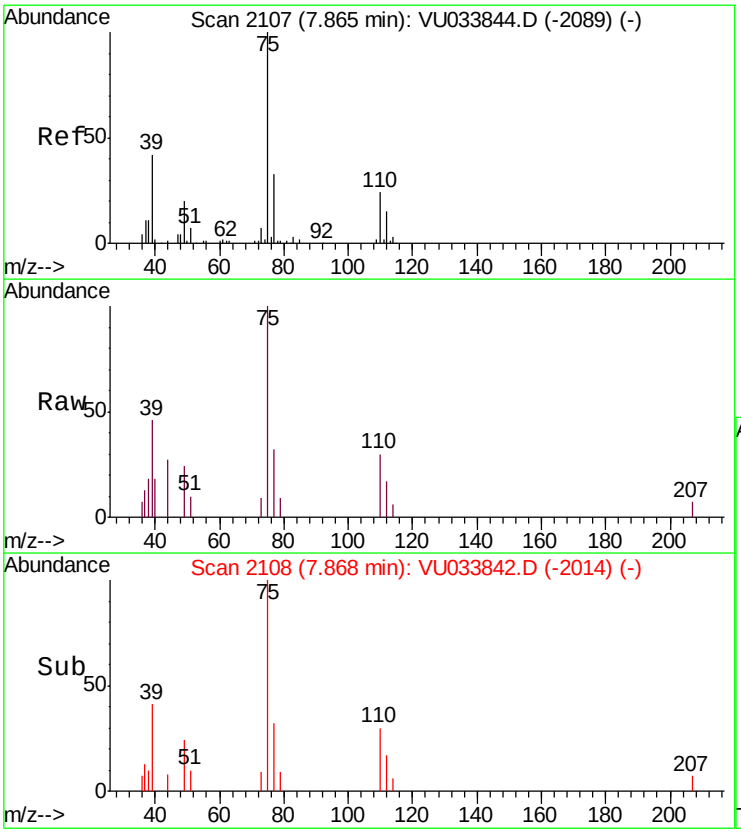
#42
Toluene
Concen: 0.412 ug/L
RT: 7.62 min Scan# 2032
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 91 Resp: 16348

Ion	Ratio	Lower	Upper
91	100		
92	57.2	38.1	70.7

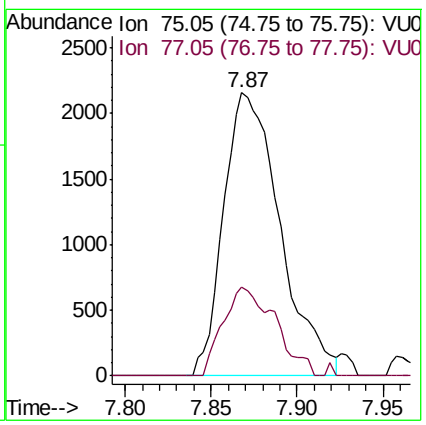


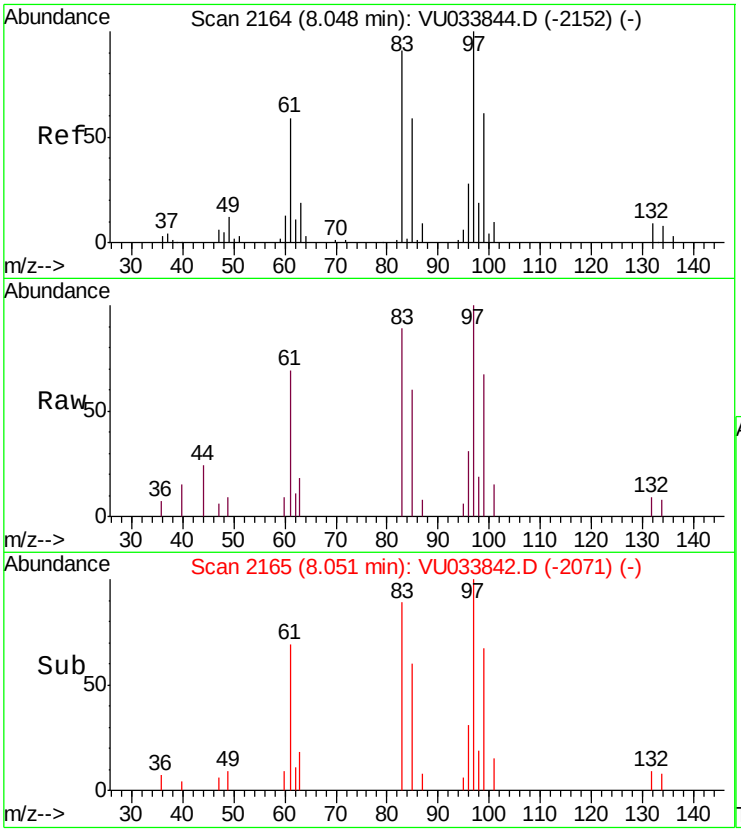


#44
trans-1,3-Dichloropropene
Concen: 0.435 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 75 Resp: 4927

Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.0	42.6



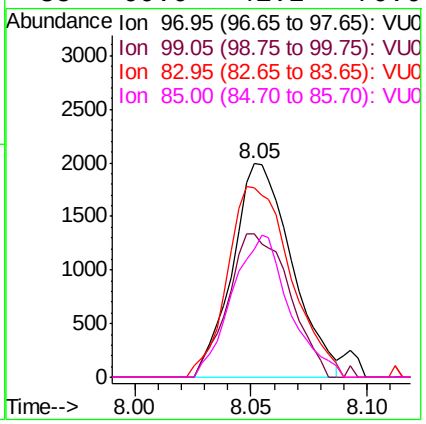


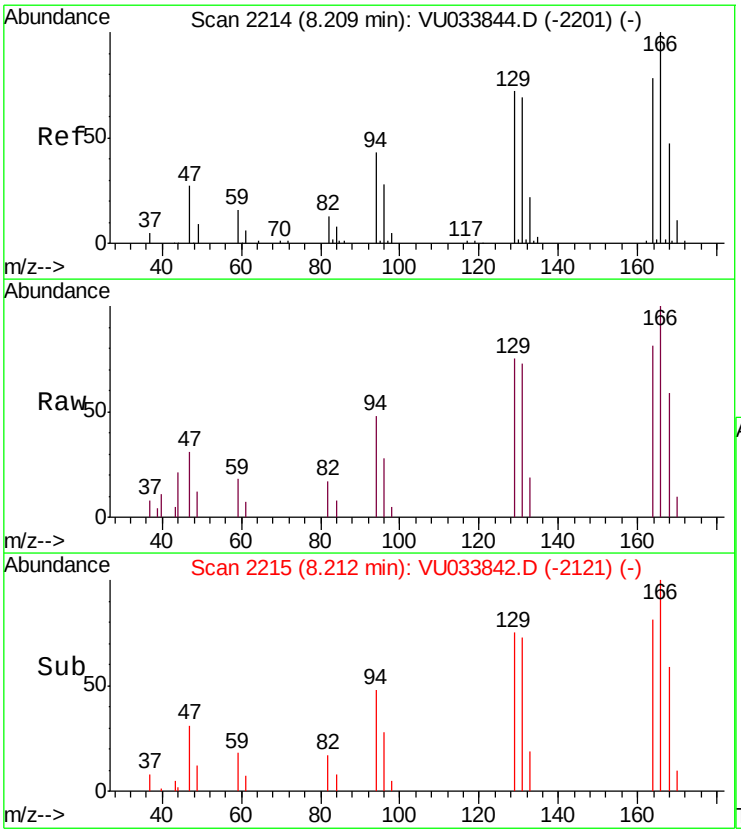
#45
1,1,2-Trichloroethane
Concen: 0.480 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 97 Resp: 3524

Ion	Ratio	Lower	Upper
97	100		
99	67.0	42.8	79.6
83	88.6	63.6	118.0
85	60.0	41.2	76.6

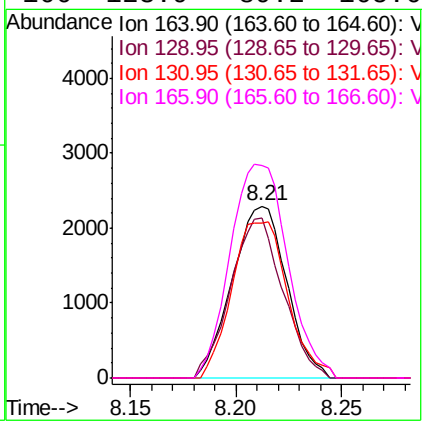


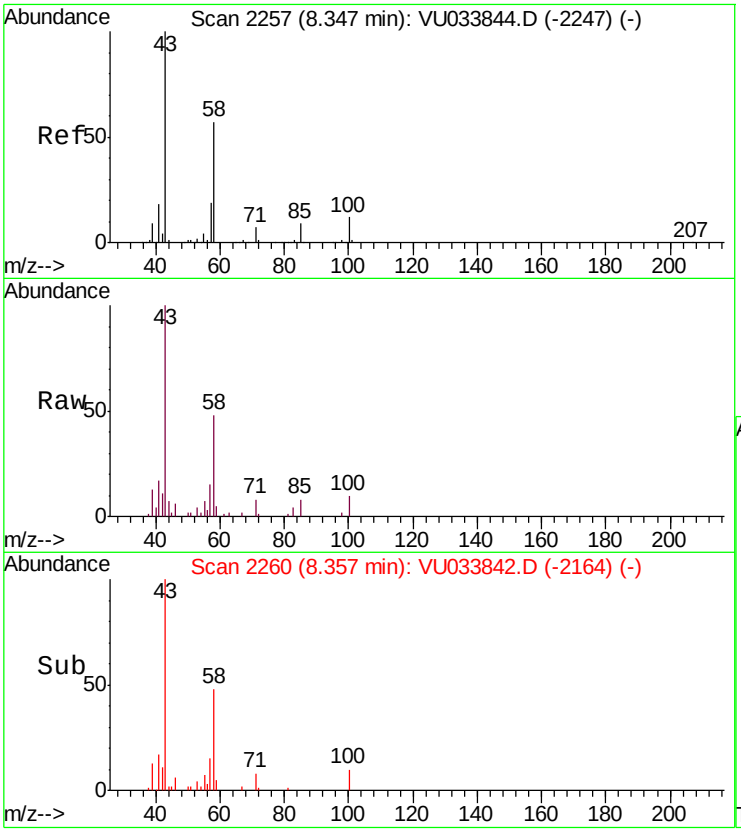


#47
Tetrachloroethene
Concen: 0.482 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:164 Resp: 4115

Ion	Ratio	Lower	Upper
164	100		
129	93.1	63.9	118.7
131	89.9	61.5	114.1
166	123.9	89.2	165.6



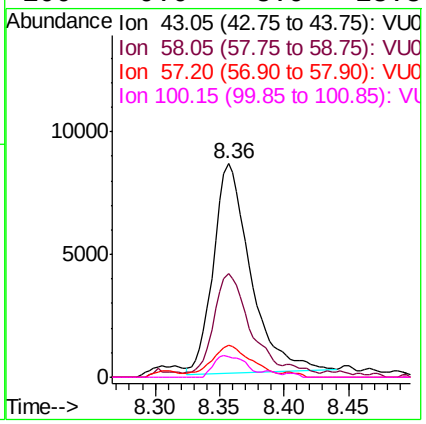


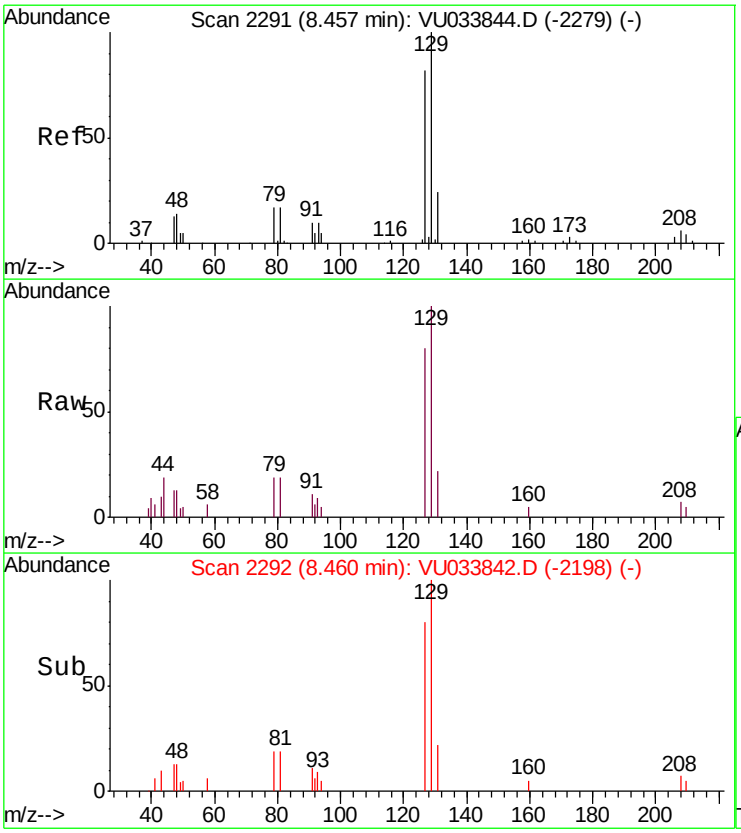
#48
2-Hexanone
Concen: 4.322 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 43 Resp: 17153

Ion	Ratio	Lower	Upper
43	100		
58	44.5	45.1	67.7#
57	13.2	15.4	23.0#
100	9.0	8.9	13.3

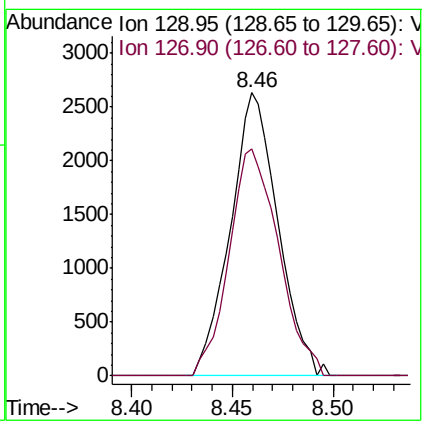


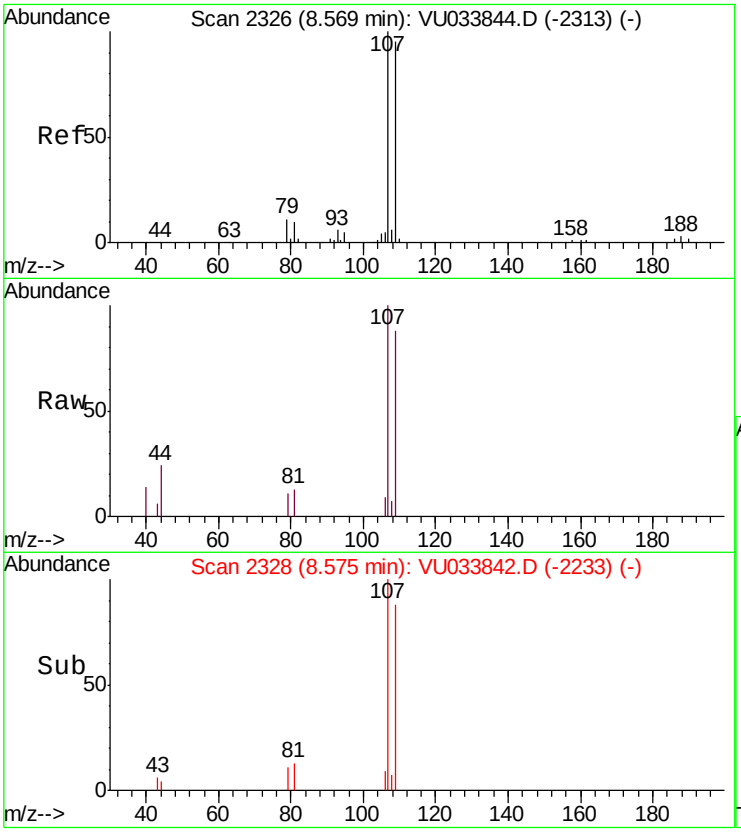


#49
Dibromochloromethane
Concen: 0.474 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:129 Resp: 4342

Ion	Ratio	Lower	Upper
129	100		
127	80.4	57.1	106.1



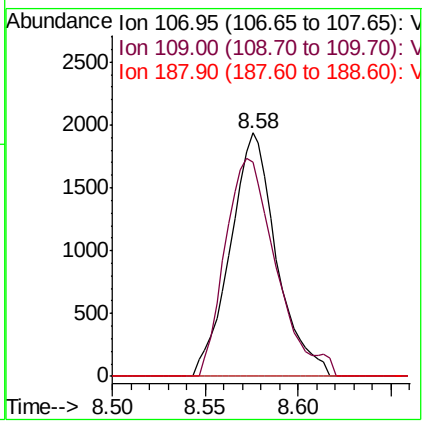


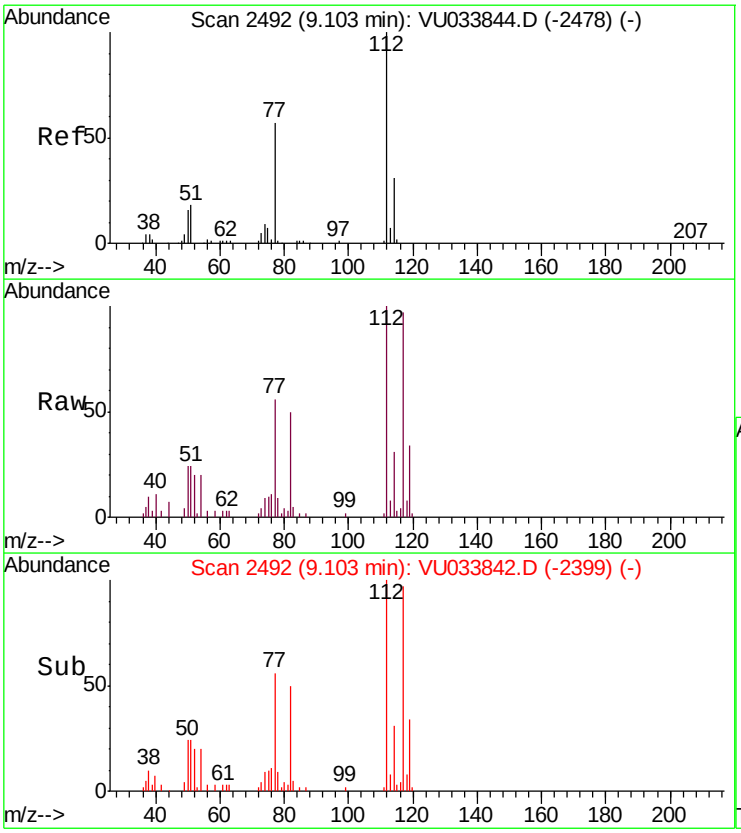
#50
1,2-Dibromoethane
Concen: 0.479 ug/L
RT: 8.58 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:107 Resp: 3363

Ion	Ratio	Lower	Upper
107	100		
109	88.0	66.3	123.1
188	0.0	2.4	3.6#

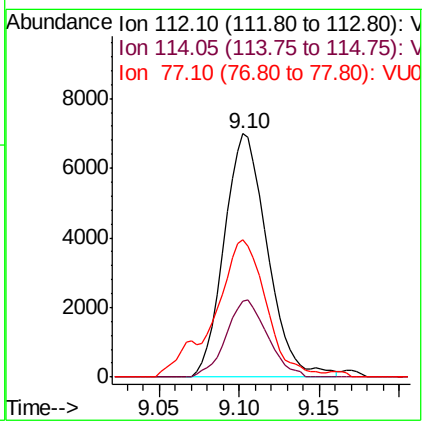


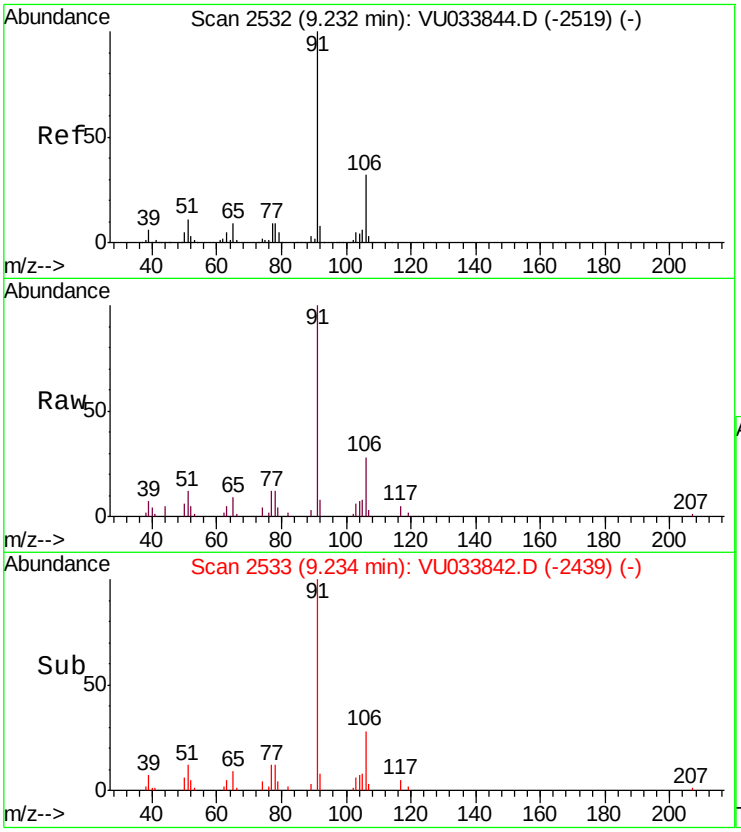


#51
Chlorobenzene
Concen: 0.492 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:112 Resp: 12927

Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.3	39.6
77	56.2	46.6	69.8



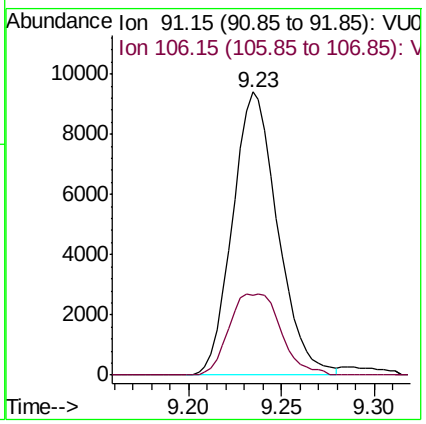


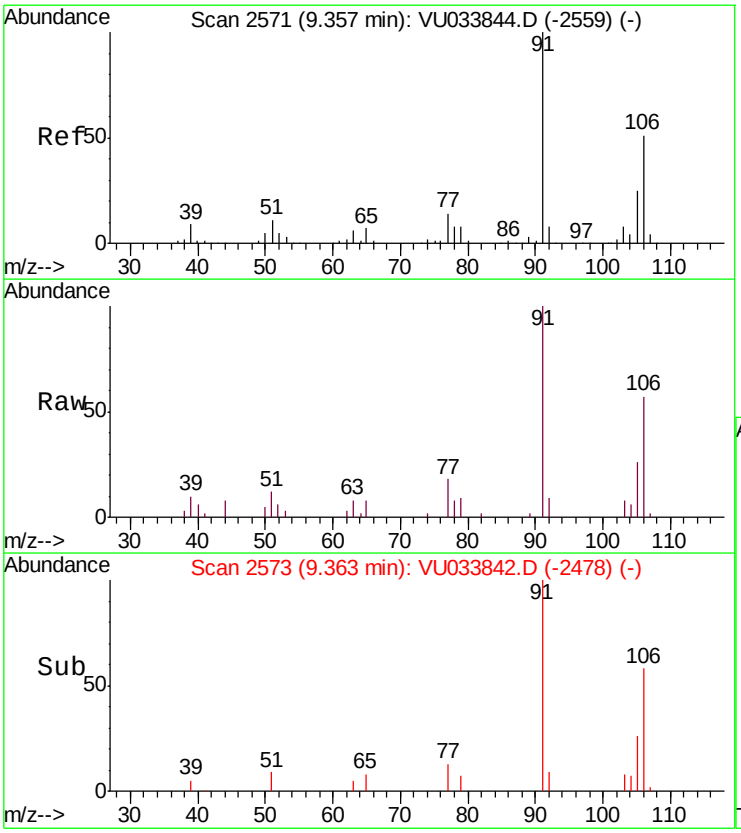
#52
Ethylbenzene
Concen: 0.400 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 91 Resp: 15891

Ion	Ratio	Lower	Upper
91	100		
106	28.4	22.3	41.3

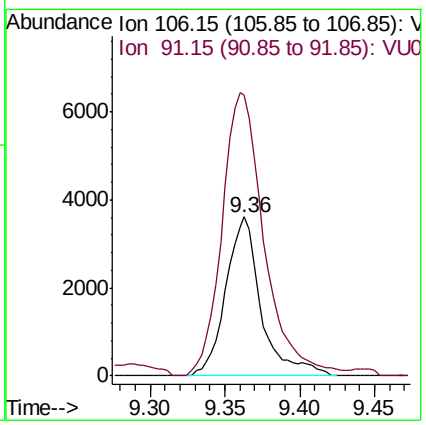


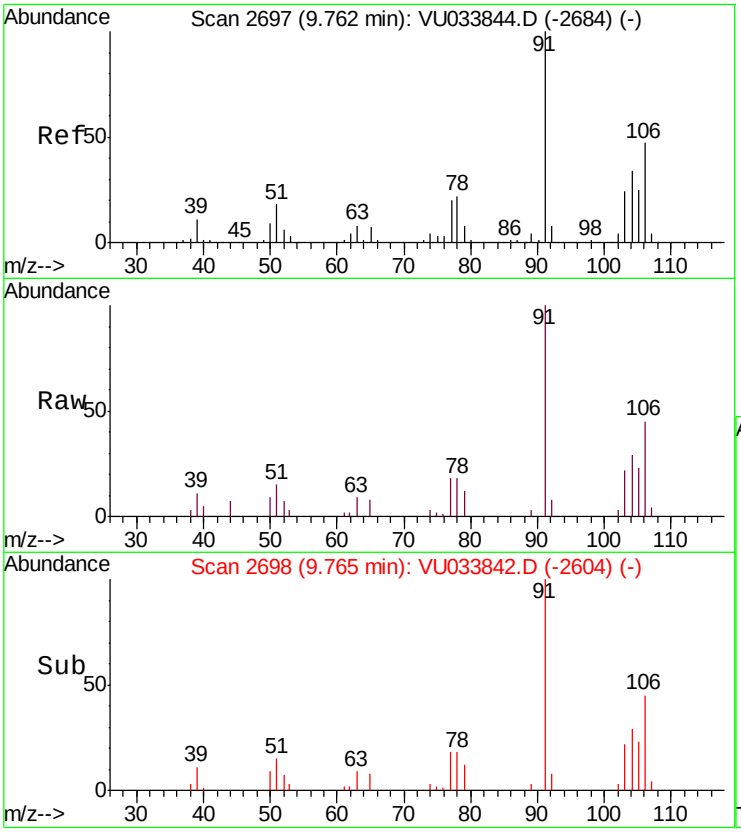


#53
m,p-Xylene
Concen: 0.397 ug/L
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:106 Resp: 5926

Ion	Ratio	Lower	Upper
106	100		
91	176.9	137.7	255.7



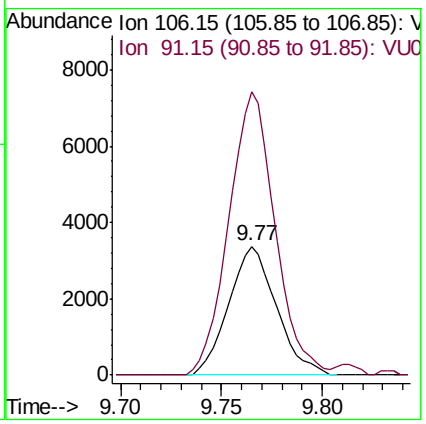


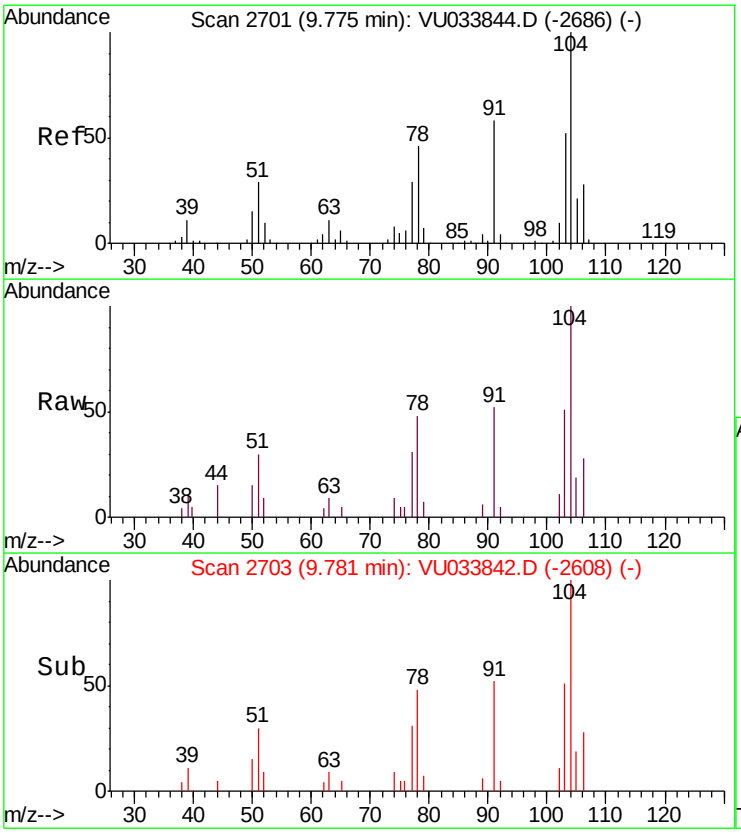
#54
o-Xylene
Concen: 0.390 ug/L
RT: 9.77 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:106 Resp: 5582

Ion	Ratio	Lower	Upper
106	100		
91	220.2	148.6	276.0

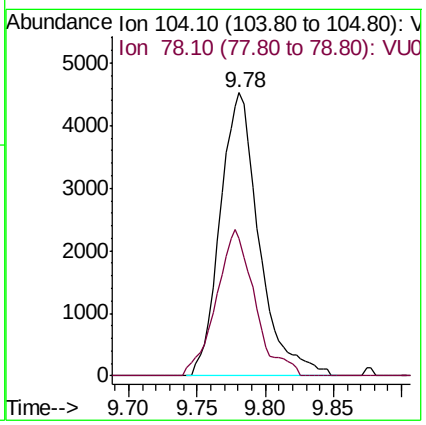


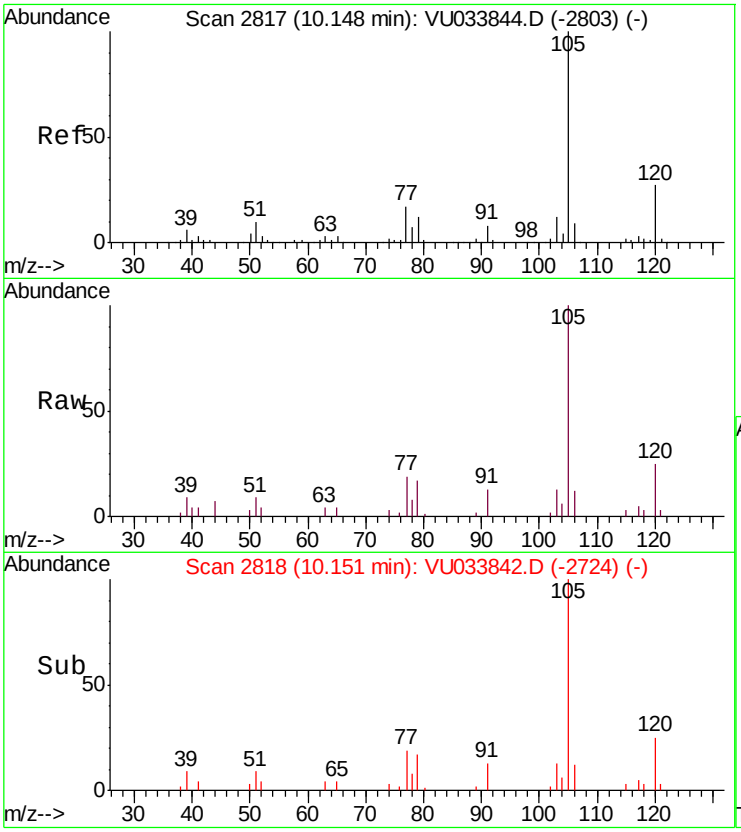


#55
Styrene
Concen: 0.362 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:104 Resp: 8972

Ion	Ratio	Lower	Upper
104	100		
78	48.4	32.3	59.9



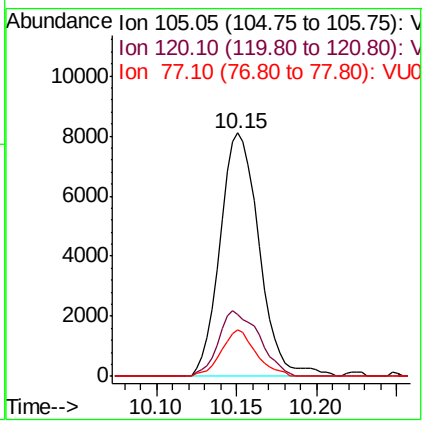


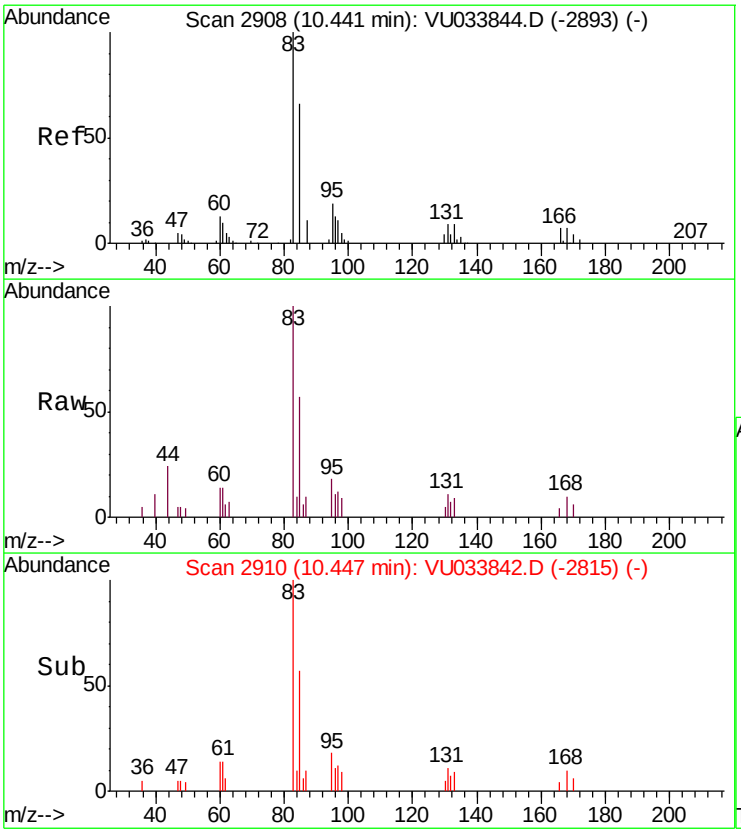
#56
Isopropylbenzene
Concen: 0.366 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:105 Resp: 13536

Ion	Ratio	Lower	Upper
105	100		
120	28.3	21.2	31.8
77	16.9	13.1	19.7

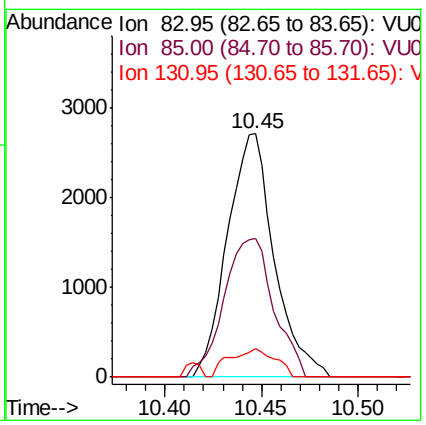


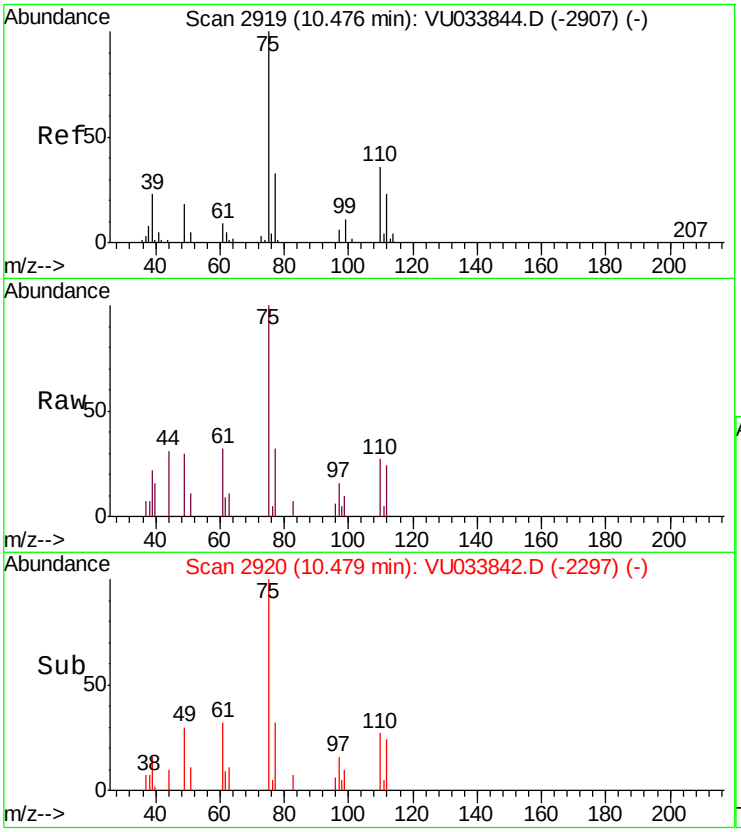


#58
1,1,2,2-Tetrachloroethane
Concen: 0.495 ug/L
RT: 10.45 min Scan# 2910
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 83 Resp: 4562

Ion	Ratio	Lower	Upper
83	100		
85	57.0	46.5	86.3
131	11.5	7.1	10.7#



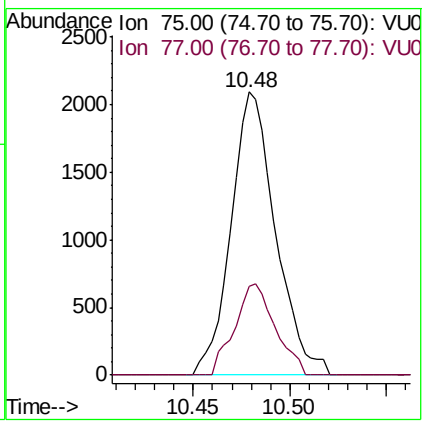


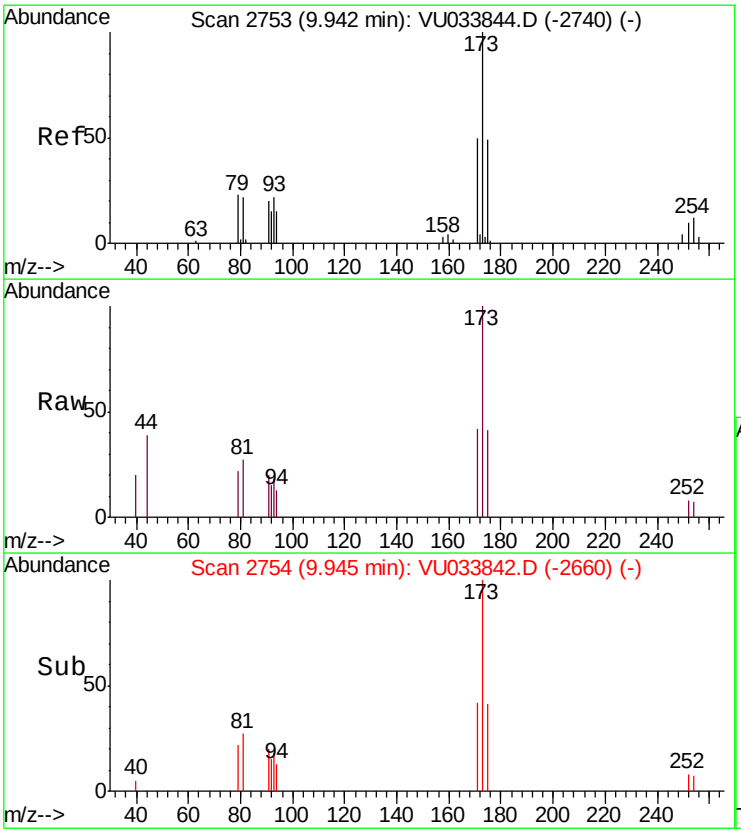
#59
1,2,3-Trichloropropane
Concen: 0.497 ug/L
RT: 10.48 min Scan# 2920
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 75 Resp: 3342

Ion	Ratio	Lower	Upper
75	100		
77	29.4	26.3	39.5

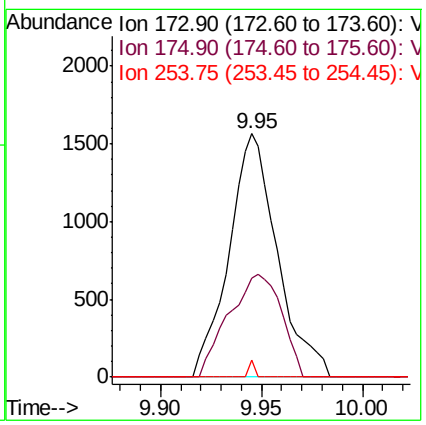


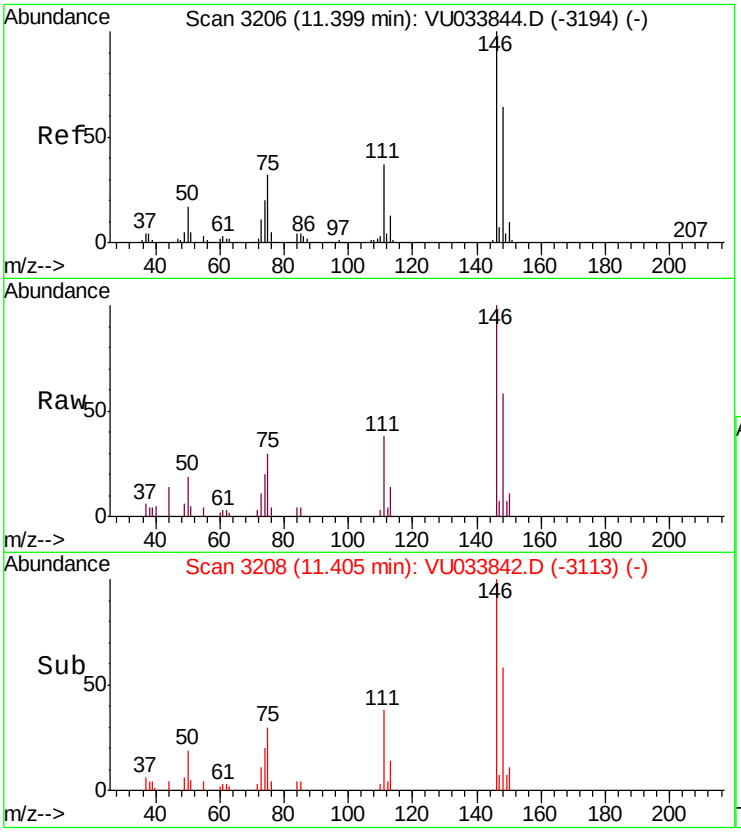


#61
Bromoform
Concen: 0.559 ug/L
RT: 9.95 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:173 Resp: 2621

Ion	Ratio	Lower	Upper
173	100		
175	46.1	39.3	58.9
254	0.8	8.1	12.1#



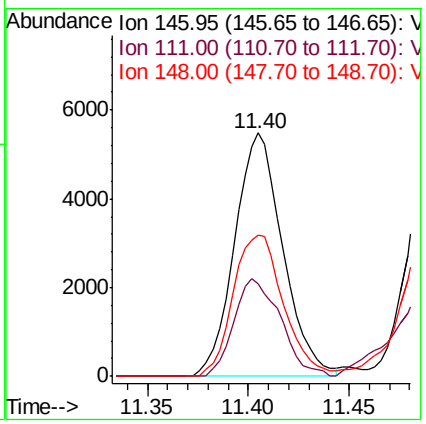


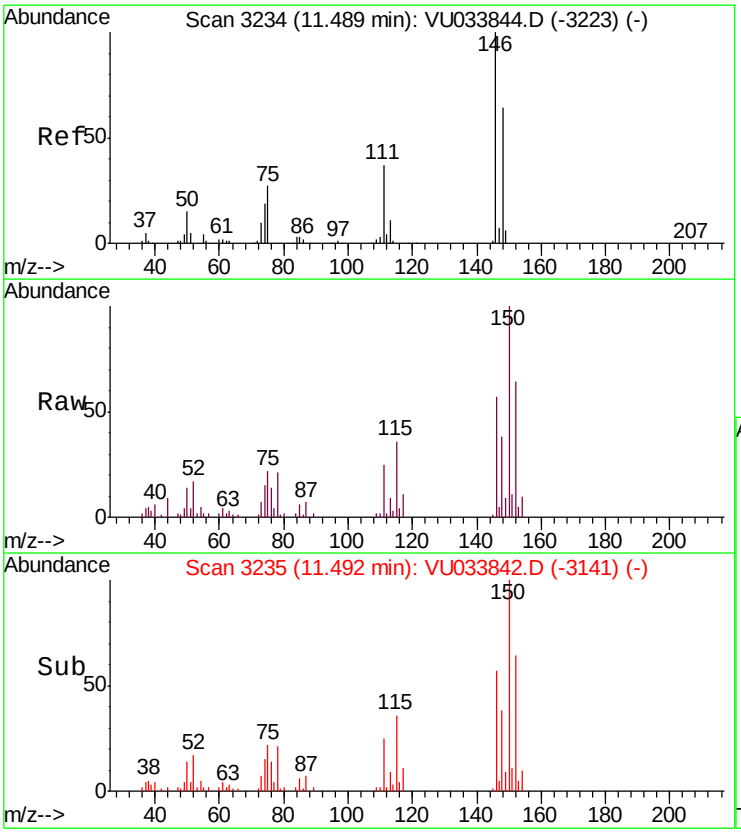
#62
1,3-Dichlorobenzene
Concen: 0.485 ug/L
RT: 11.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:146 Resp: 9139

Ion	Ratio	Lower	Upper
146	100		
111	38.2	25.9	48.1
148	58.1	44.7	83.1

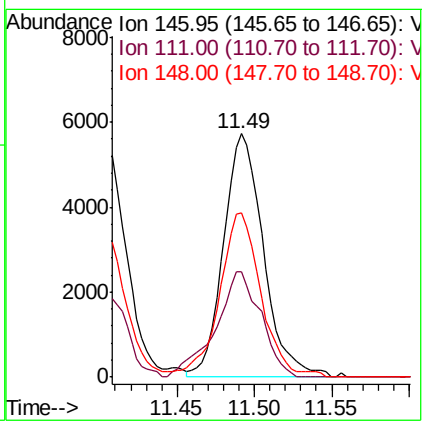


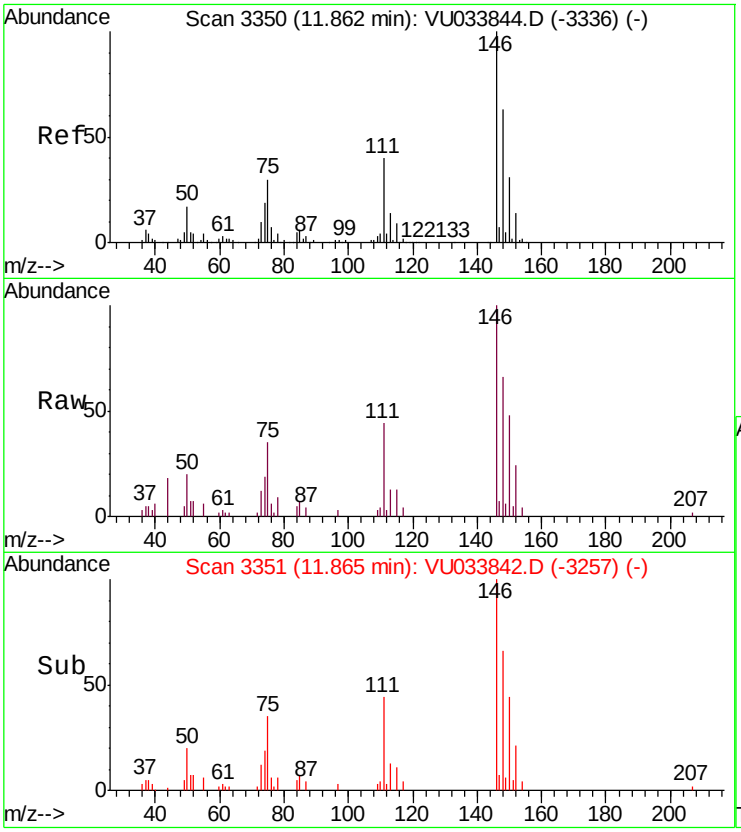


#63
1,4-Dichlorobenzene
Concen: 0.528 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:146 Resp: 10242

Ion	Ratio	Lower	Upper
146	100		
111	43.5	26.2	48.6
148	67.5	44.7	83.1



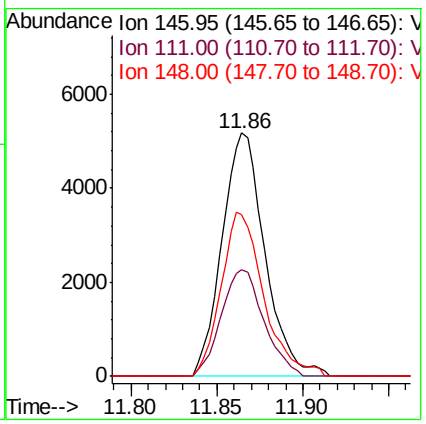


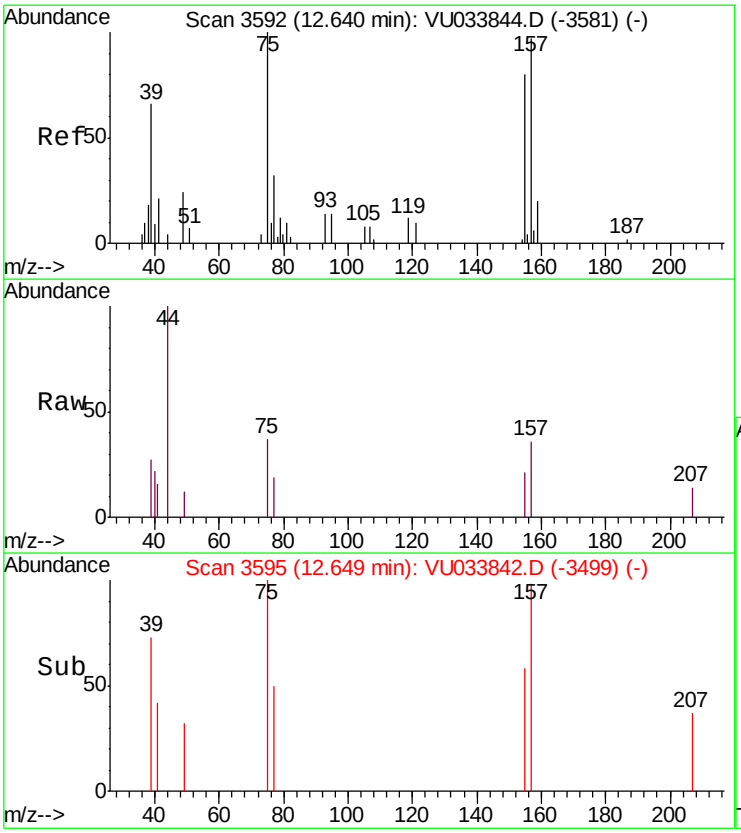
#65
1,2-Dichlorobenzene
Concen: 0.494 ug/L
RT: 11.86 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:146 Resp: 9012

Ion	Ratio	Lower	Upper
146	100		
111	44.0	31.9	47.9
148	66.3	50.6	76.0

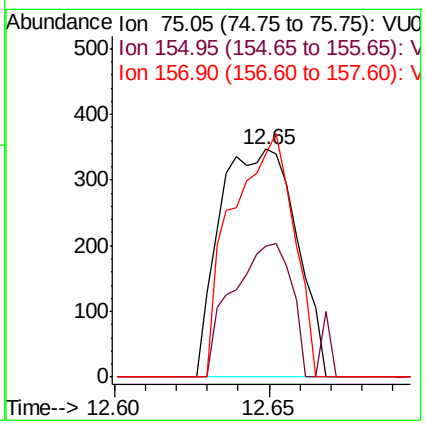


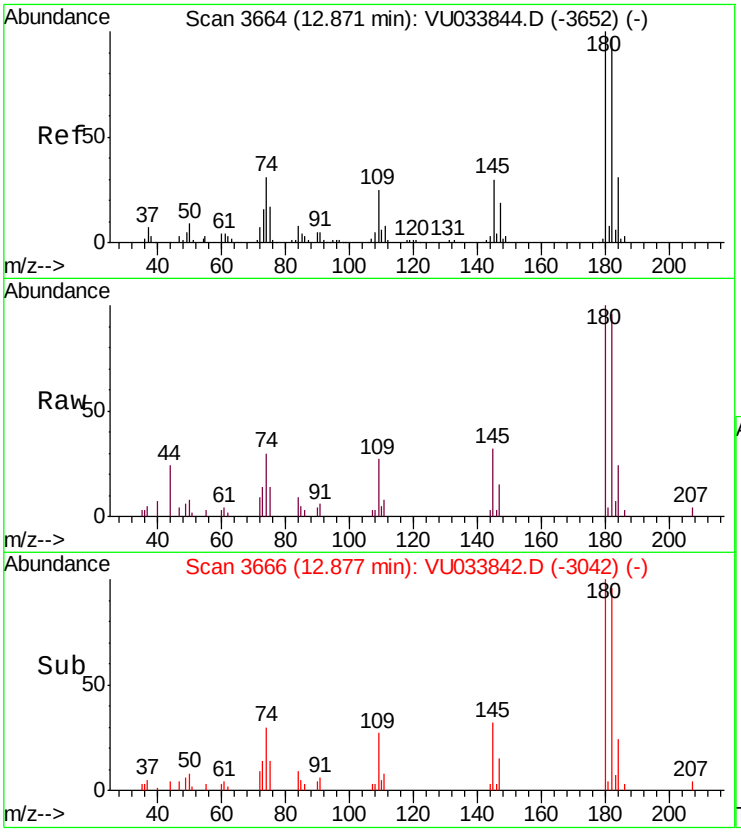


#66
1,2-Dibromo-3-chloropropane
Concen: 0.463 ug/L
RT: 12.65 min Scan# 3595
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion: 75 Resp: 598

Ion	Ratio	Lower	Upper
75	100		
155	57.6	64.1	96.1#
157	97.7	77.5	116.3



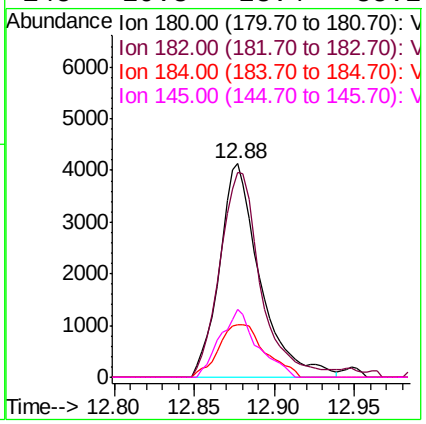


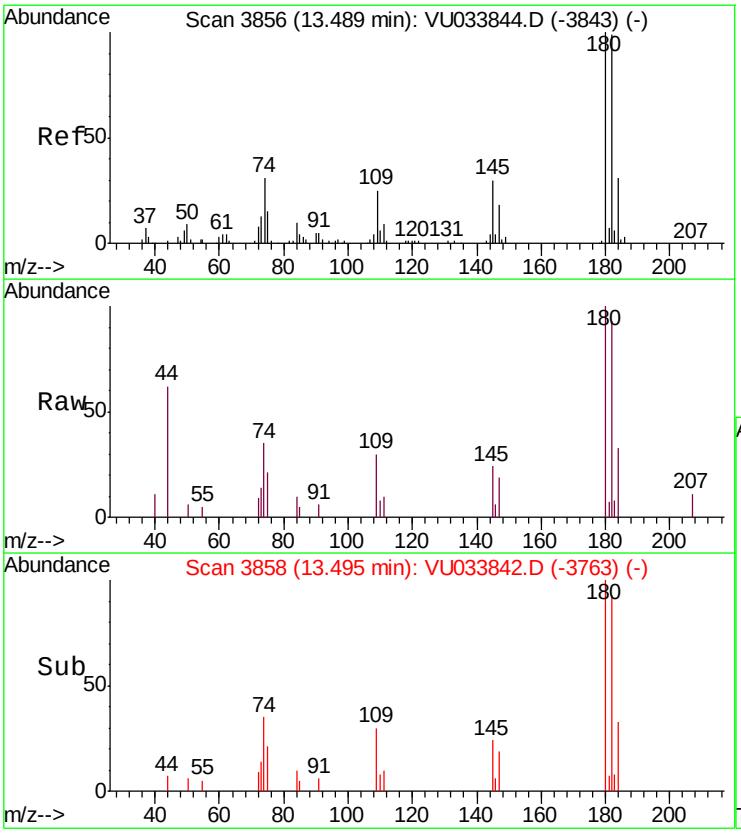
#67
1,3,5-Trichlorobenzene
Concen: 0.497 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:180 Resp: 7111

Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
184	28.3	24.2	36.4
145	29.3	23.4	35.2

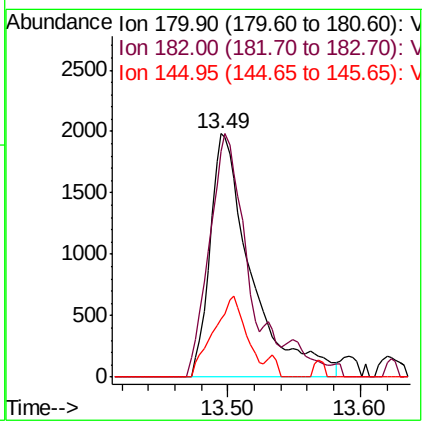


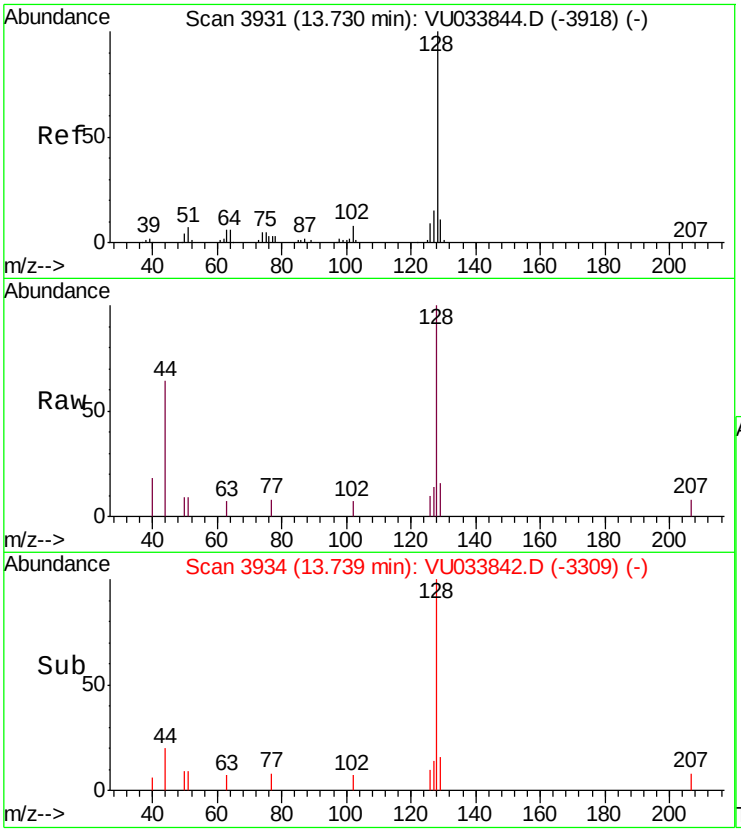


#68
1,2,4-trichlorobenzene
Concen: 0.409 ug/L
RT: 13.49 min Scan# 3858
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:180 Resp: 4265

Ion	Ratio	Lower	Upper
180	100		
182	82.3	77.6	116.4
145	26.9	24.4	36.6



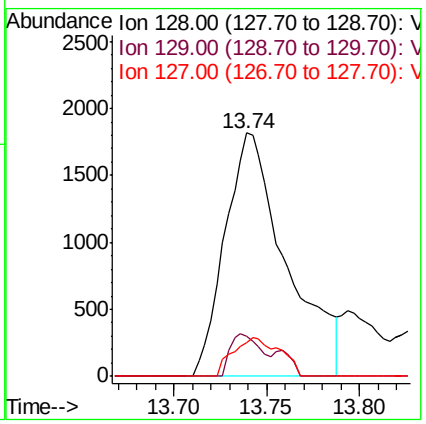


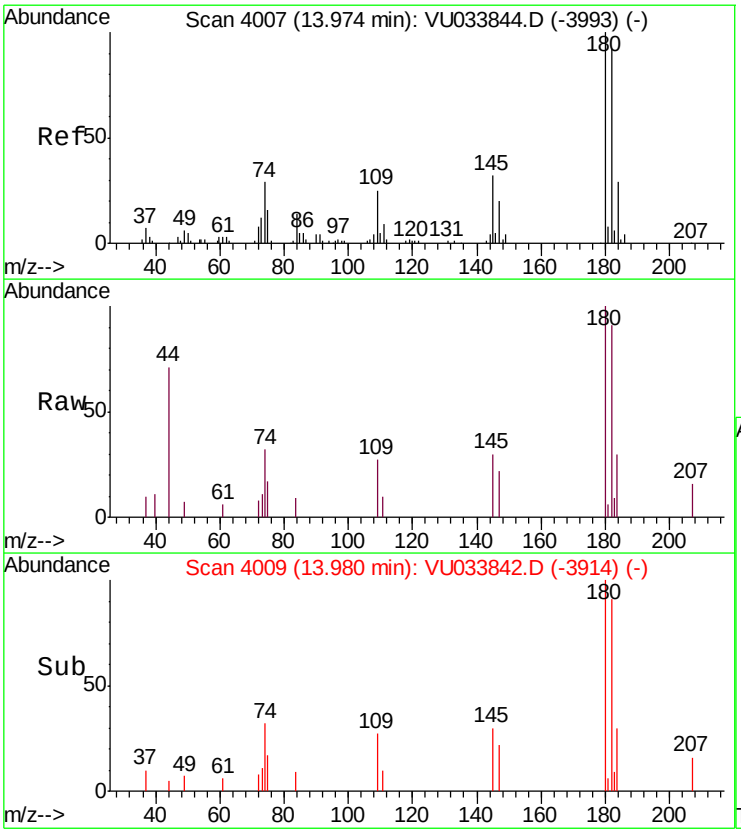
#69
Naphthalene
Concen: 0.292 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:128 Resp: 4162

Ion	Ratio	Lower	Upper
128	100		
129	8.8	9.0	13.6#
127	12.2	10.9	16.3





#70
1,2,3-Trichlorobenzene
Concen: 0.377 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033842.D
Acq: 20 Aug 2019 10:02

Tgt Ion:180 Resp: 3687

Ion	Ratio	Lower	Upper
180	100		
182	109.1	76.9	115.3
145	32.0	24.6	36.8