Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102920\
Data File : VU041012.D
Acq On : 29 Oct 2020 12:08
Operator : SY/MD
Sample : L4485-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:59:29 PM

Quant Time: Oct 29 12:50:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113081	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	49474	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	36300	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.92	69	29658	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.58	65	16757	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	4.67	46	167351	53.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.92%			
24) Chloroform-d	5.08	84	73764	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	47415	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.74	84	132695	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.70	67	47925	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.90	98	105437	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.19	79	19335	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.64	63	112716	51.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.52%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	43268	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
66) 1,2-Dichlorobenzene-d4	12.19	152	40967	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2661	0.280	ug/L	93
3) Chloromethane	1.53	50	2431	0.244	ug/L	97
5) Vinyl chloride	1.61	62	2538	0.257	ug/L #	63
6) Bromomethane	1.87	94	1301	0.247	ug/L	91
8) Chloroethane	1.94	64	1626	0.257	ug/L	83
9) Trichlorofluoromethane	2.15	101	3328	0.243	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2457	0.310	ug/L #	83
12) 1,1-Dichloroethene	2.59	96	2291	0.303	ug/L #	1
13) Acetone	2.67	43	5750m	2.931	ug/L	
14) Carbon disulfide	2.81	76	6312	0.262	ug/L	98
15) Methyl Acetate	2.98	43	1320	0.287	ug/L #	57
16) Methylene chloride	3.06	84	3874	0.429	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	4418	0.224	ug/L	92
18) trans-1,2-Dichloroethene	3.37	96	1766	0.230	ug/L	94
19) 1,1-Dichloroethane	3.89	63	4131	0.260	ug/L #	93
21) 2-Butanone	4.74	43	9412m	2.957	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	2092	0.256	ug/L	79

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102920\
Data File : VU041012.D
Acq On : 29 Oct 2020 12:08
Operator : SY/MD
Sample : L4485-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:59:29 PM

Quant Time: Oct 29 12:50:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	977	0.251 ug/L	#	82
25) Chloroform	5.11	83	5610	0.346 ug/L		99
27) 1,2-Dichloroethane	5.81	62	3128	0.264 ug/L	#	95
29) 1,1,1-Trichloroethane	5.33	97	3502	0.249 ug/L		96
30) Cyclohexane	5.40	56	2966	0.228 ug/L		96
31) Carbon tetrachloride	5.54	117	3022	0.252 ug/L		97
33) Benzene	5.79	78	8318	0.253 ug/L		100
34) Trichloroethene	6.56	95	2413	0.276 ug/L		83
35) Methylcyclohexane	6.77	83	3140	0.258 ug/L	#	90
37) 1,2-Dichloropropane	6.80	63	2411	0.258 ug/L	#	89
38) Bromodichloromethane	7.11	83	2900	0.249 ug/L	#	99
39) cis-1,3-Dichloropropene	7.61	75	2851	0.231 ug/L		94
40) 4-Methyl-2-pentanone	7.80	43	16130	2.287 ug/L	#	88
42) Toluene	7.97	91	7644	0.230 ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	3600	0.313 ug/L		95
45) 1,1,2-Trichloroethane	8.40	97	1706	0.256 ug/L		98
47) Tetrachloroethene	8.56	164	1420	0.234 ug/L		82
48) 2-Hexanone	8.69	43	16279	3.077 ug/L		97
49) Dibromochloromethane	8.81	129	1986	0.258 ug/L		91
50) 1,2-Dibromoethane	8.93	107	1438	0.230 ug/L	#	89
51) Chlorobenzene	9.45	112	5134	0.241 ug/L		96
52) Ethylbenzene	9.57	91	7684	0.223 ug/L		95
53) m,p-Xylene	9.69	106	2773	0.222 ug/L		92
54) o-Xylene	10.10	106	2527	0.212 ug/L		81
55) Styrene	10.11	104	4063	0.196 ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.78	83	2076	0.241 ug/L		79
59) Bromoform	10.29	173	921	0.239 ug/L	#	93
60) Isopropylbenzene	10.48	105	6394	0.223 ug/L		97
61) 1,2,3-Trichloropropane	10.82	75	1749	0.293 ug/L		92
62) 1,3,5-Trimethylbenzene	11.09	105	4836	0.210 ug/L		96
63) 1,2,4-Trimethylbenzene	11.47	105	4788	0.205 ug/L		93
64) 1,3-Dichlorobenzene	11.74	146	3539	0.247 ug/L		92
65) 1,4-Dichlorobenzene	11.83	146	3961	0.271 ug/L		97
67) 1,2-Dichlorobenzene	12.20	146	3597	0.259 ug/L		99
68) 1,2-Dibromo-3-chloropropan	12.99	75	169	0.123 ug/L	#	89
69) 1,3,5-Trichlorobenzene	13.21	180	2630	0.268 ug/L		91
70) 1,2,4-trichlorobenzene	13.83	180	1733	0.209 ug/L		97
71) Naphthalene	14.08	128	2238	0.154 ug/L	#	87
72) 1,2,3-Trichlorobenzene	14.32	180	1402	0.181 ug/L	#	90

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

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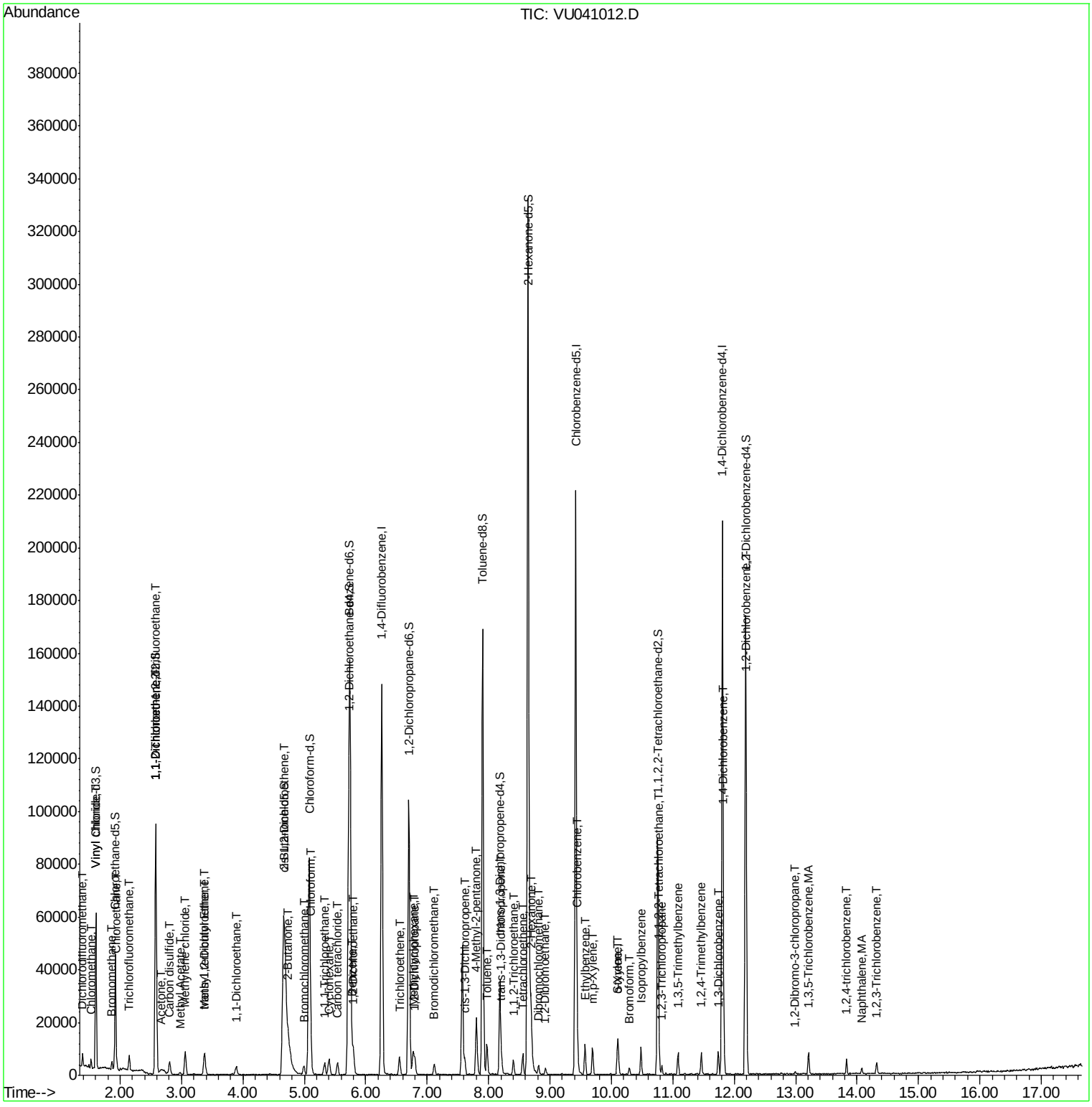
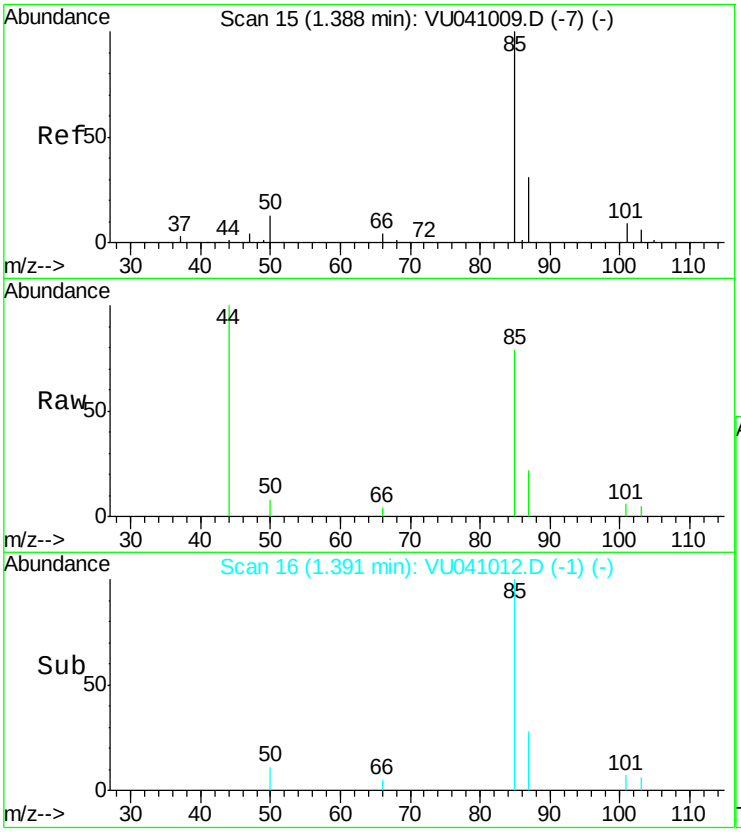
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:50:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:59:29 PM

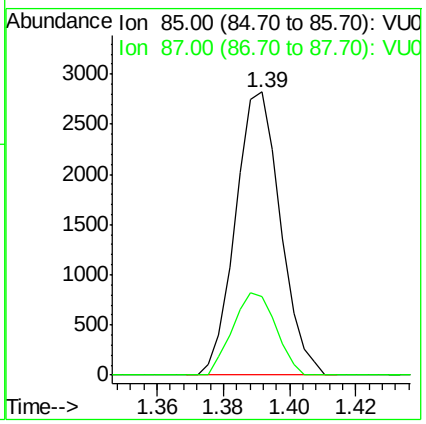




#2
Dichlorodifluoromethane
Concen: 0.280 ug/L
RT: 1.39 min Scan# 16
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 85 Resp: 2661

Ion	Ratio	Lower	Upper
85	100		
87	27.9	25.2	37.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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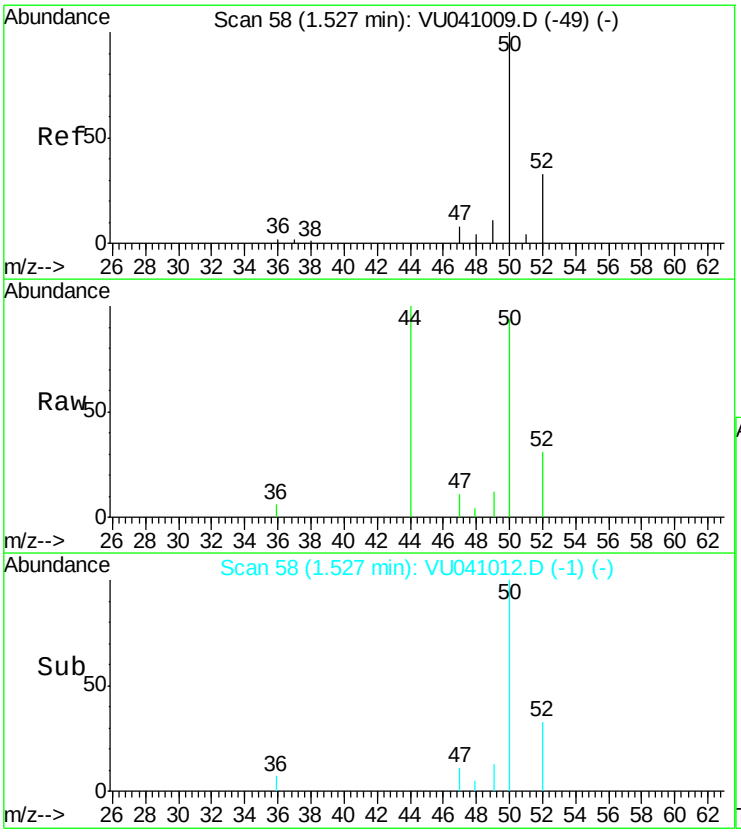
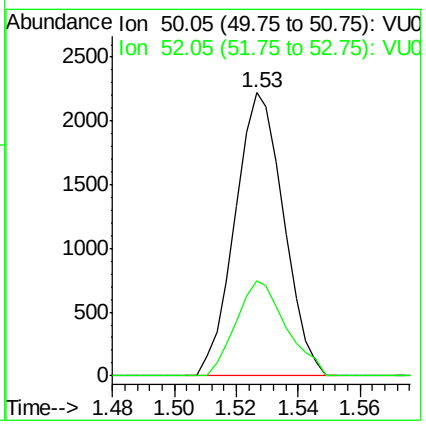
10/29/2020 2:59:29 PM

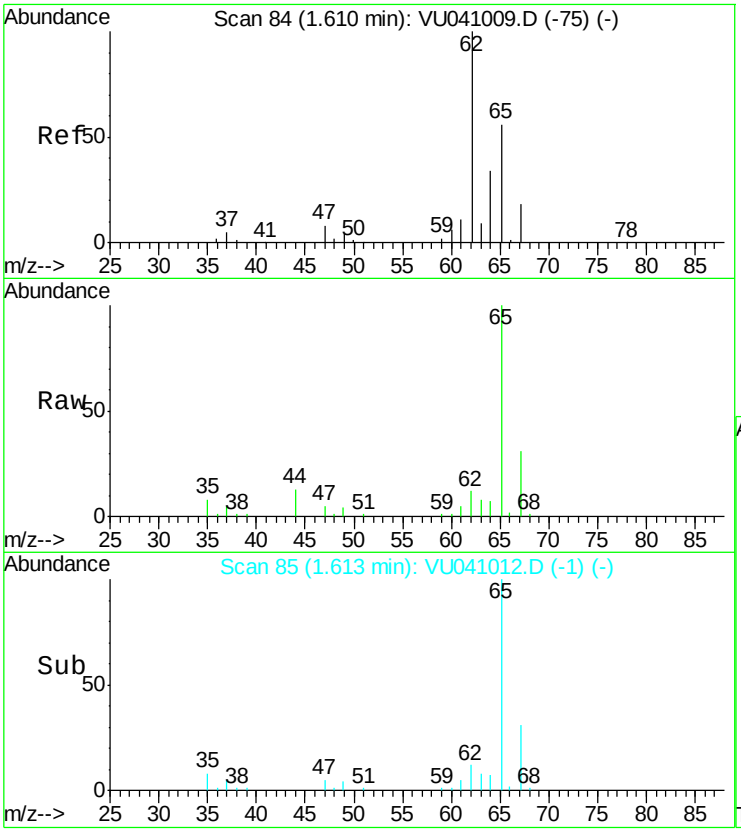


#3
Chloromethane
Concen: 0.244 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 50 Resp: 2431

Ion	Ratio	Lower	Upper
50	100		
52	33.5	22.4	41.6

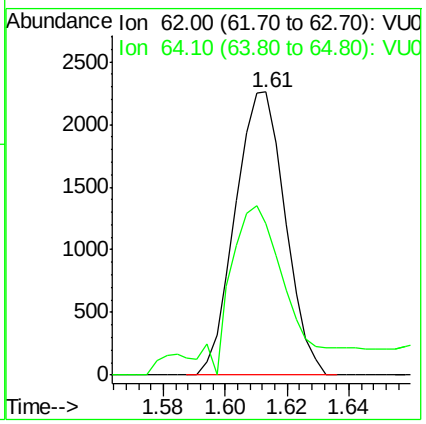




#5
Vinyl chloride
Concen: 0.257 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 62 Resp: 2538

Ion	Ratio	Lower	Upper
62	100		
64	53.3	22.7	42.3#



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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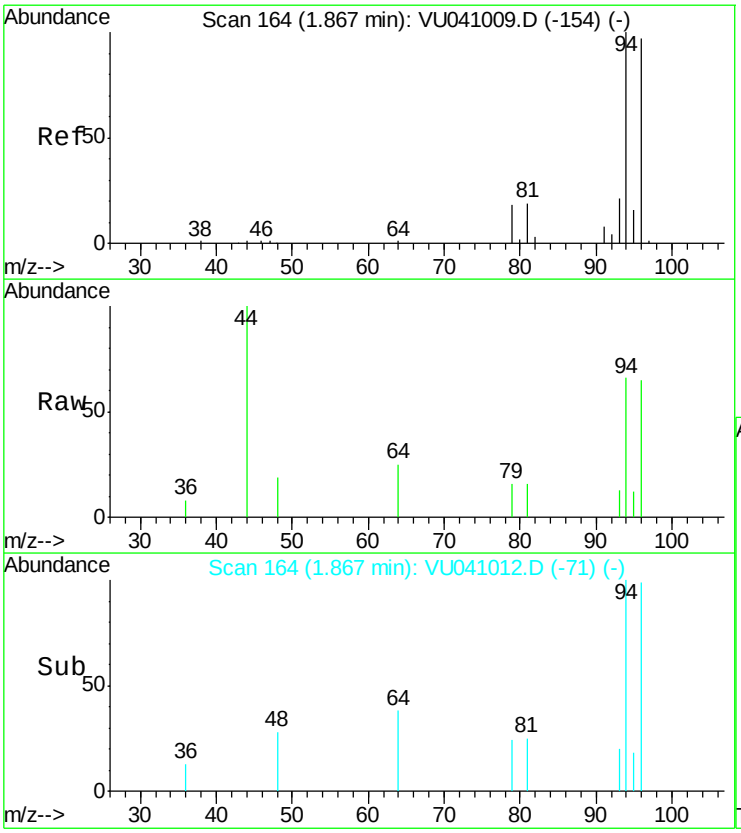
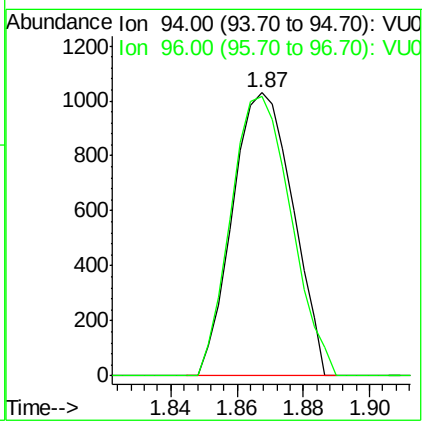
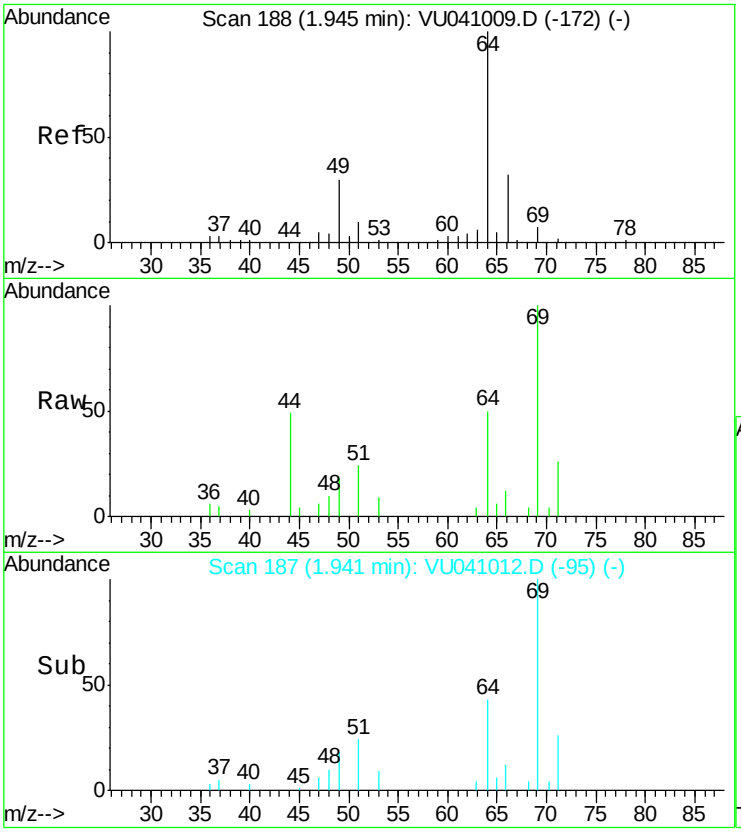


#6
Bromomethane
Concen: 0.247 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 94 Resp: 1301

Ion	Ratio	Lower	Upper
94	100		
96	98.6	63.2	117.4

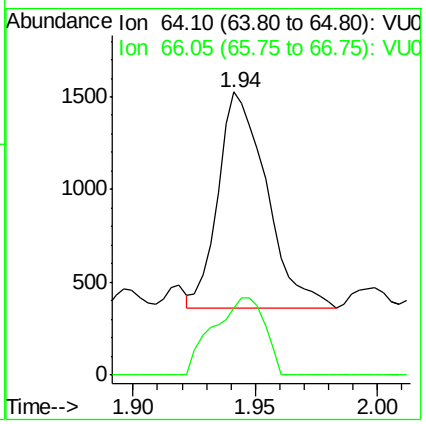




#8
Chloroethane
Concen: 0.257 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 64 Resp: 1626

Ion	Ratio	Lower	Upper
64	100		
66	23.8	23.4	43.6



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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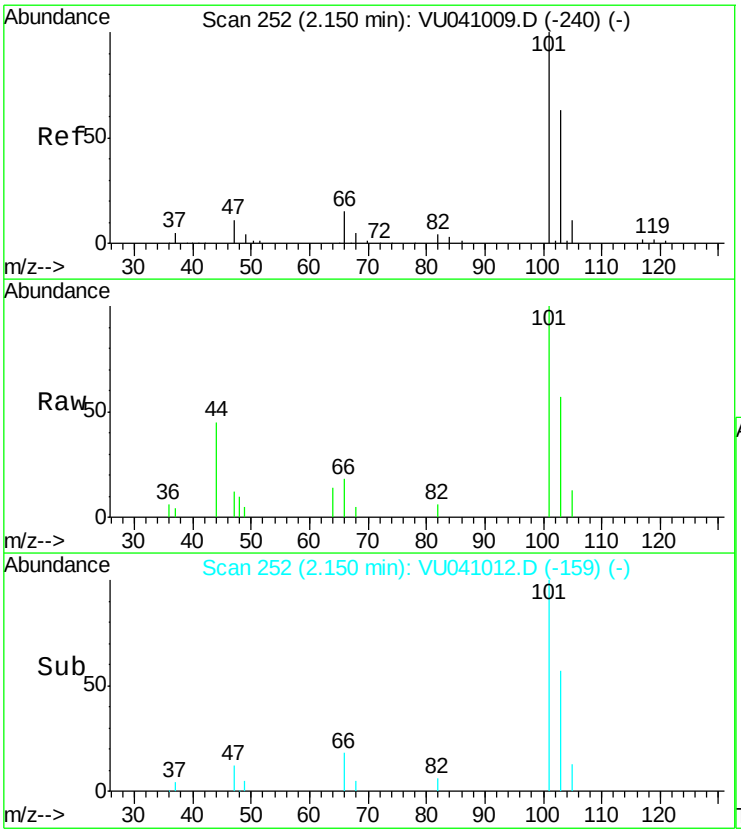
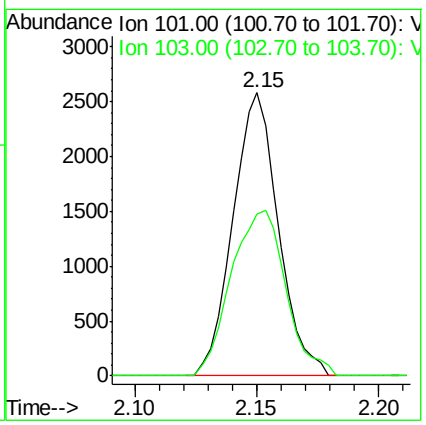
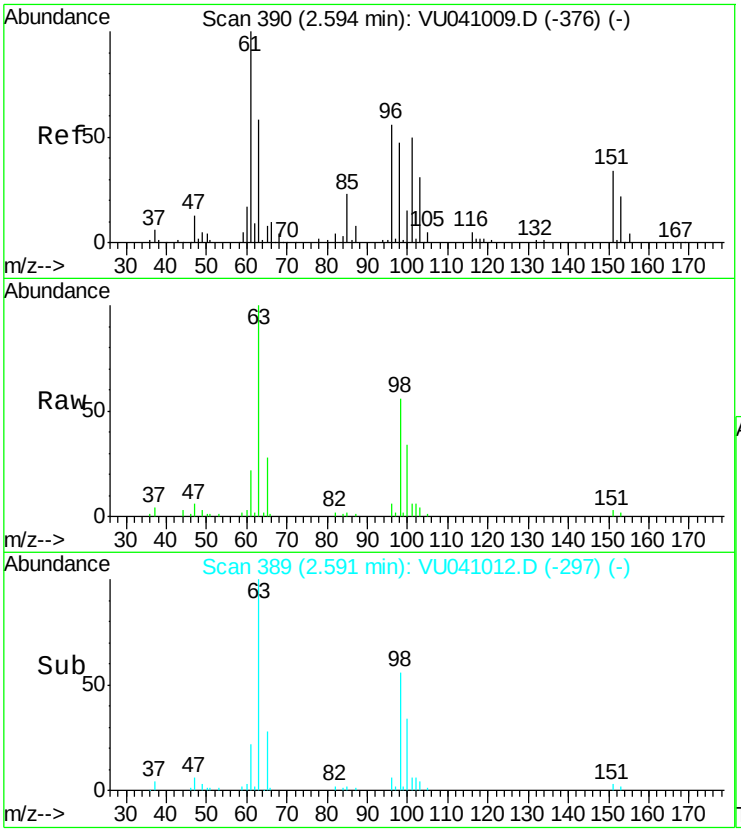


#9
Trichlorofluoromethane
Concen: 0.243 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:101 Resp: 3328

Ion	Ratio	Lower	Upper
101	100		
103	70.4	51.0	76.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.310 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:101 Resp: 2457

Ion	Ratio	Lower	Upper
101	100		
85	40.5	38.1	57.1
151	53.0	56.0	84.0#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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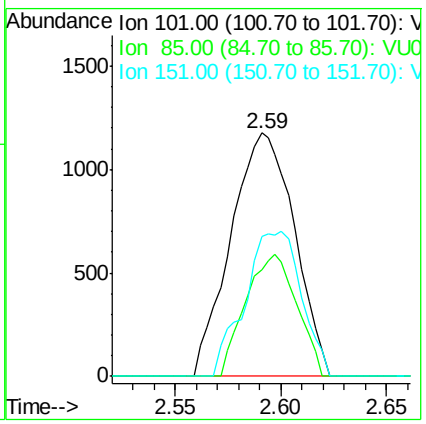
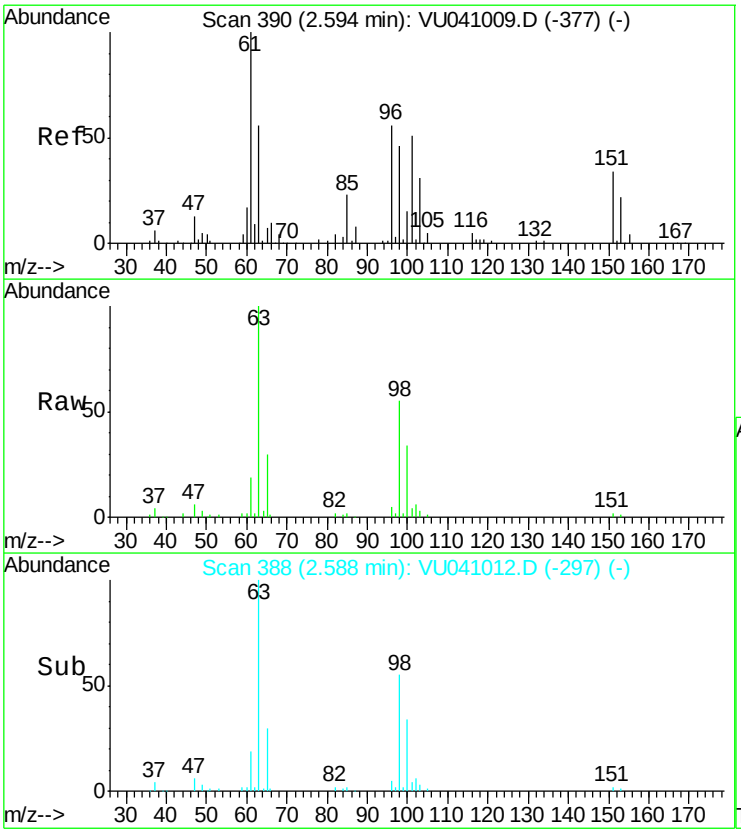
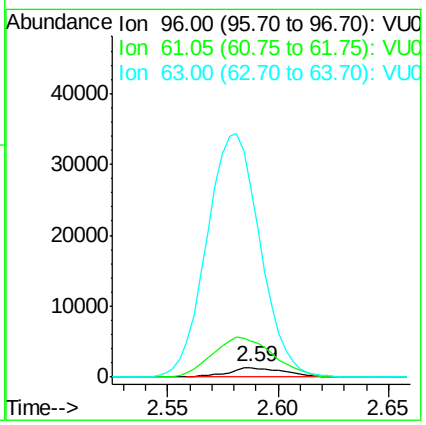


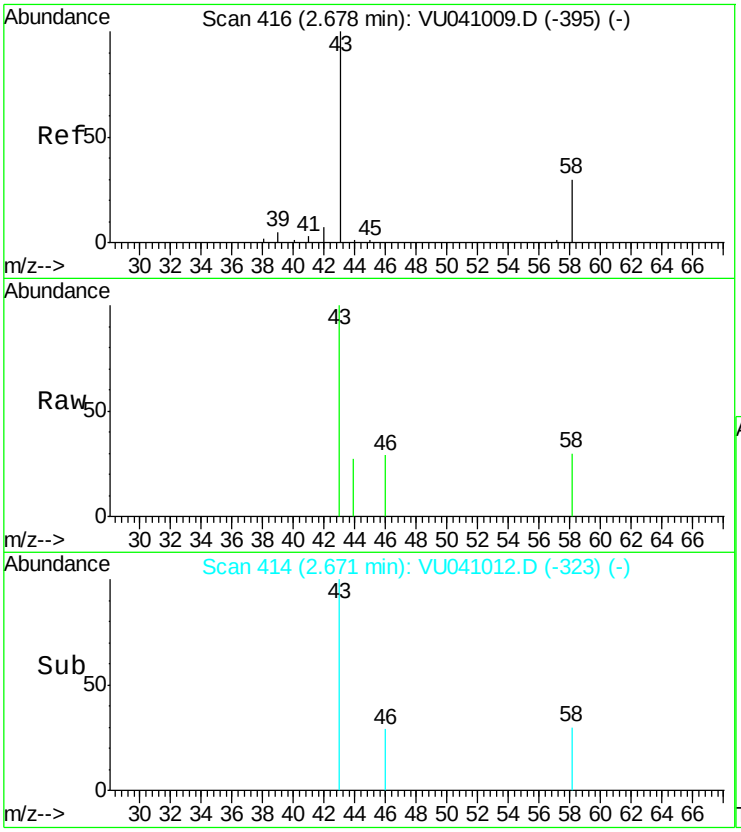


#12
1,1-Dichloroethene
Concen: 0.303 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 96 Resp: 2291

Ion	Ratio	Lower	Upper
96	100		
61	387.4	130.2	241.8#
63	2046.4	83.7	155.5#

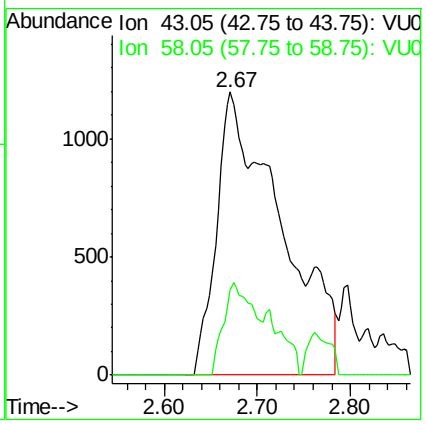




#13
Acetone
Concen: 2.931 ug/L m
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 43 Resp: 5750

Ion	Ratio	Lower	Upper
43	100		
58	15.7	0.0	30.8



Instrument :
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MMDadoda
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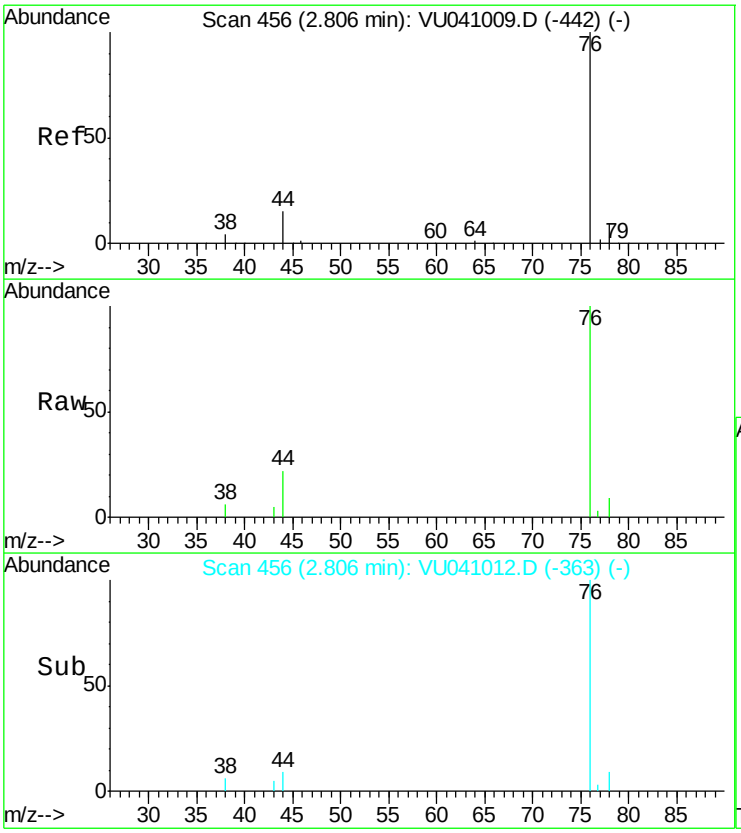
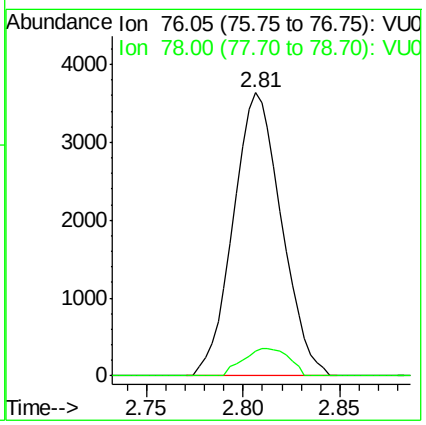
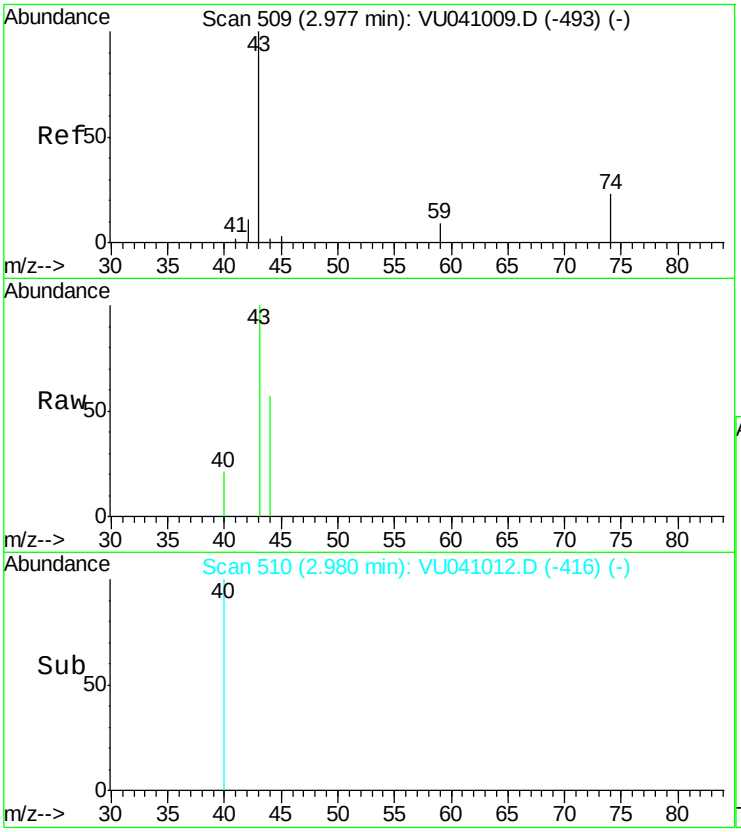


#14
Carbon disulfide
Concen: 0.262 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 76 Resp: 6312

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.7	11.5

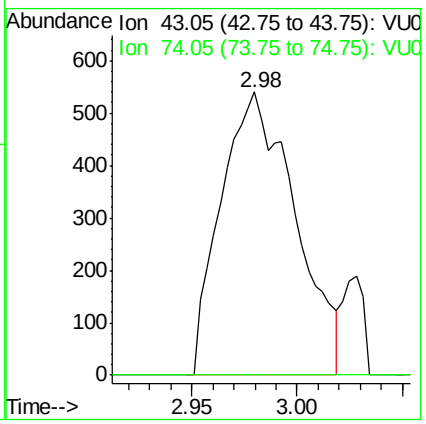




#15
Methyl Acetate
Concen: 0.287 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 43 Resp: 1320

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.6	23.4#



Instrument :
MSVOA_U
ClientSampleId :
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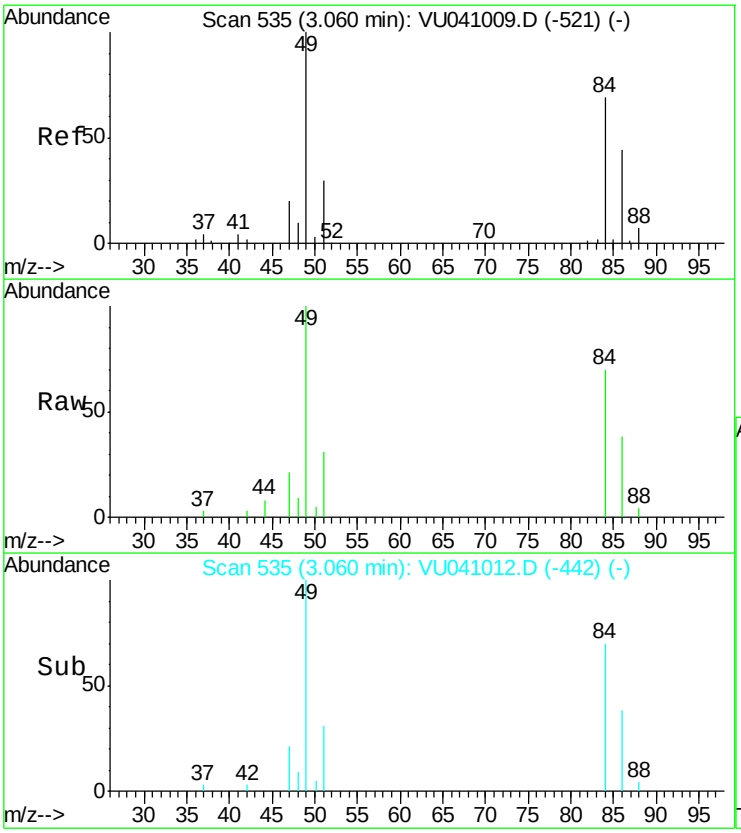
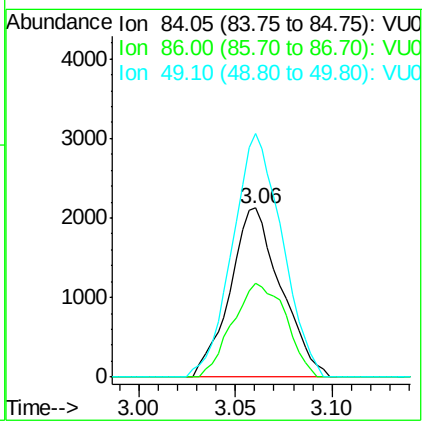
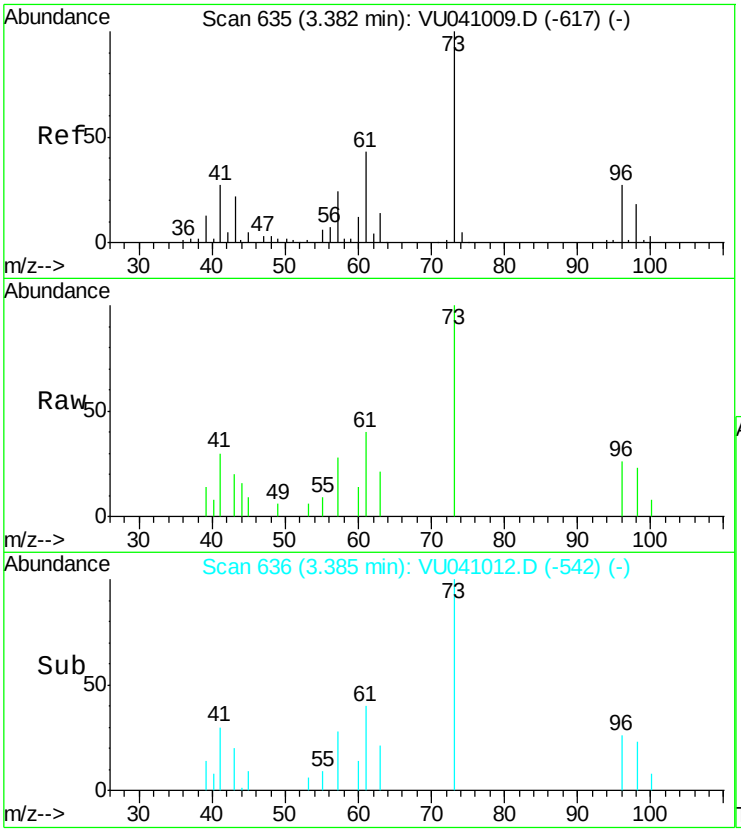


#16
Methylene chloride
Concen: 0.429 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 84 Resp: 3874

Ion	Ratio	Lower	Upper
84	100		
86	55.3	44.2	82.0
49	143.8	99.3	184.3

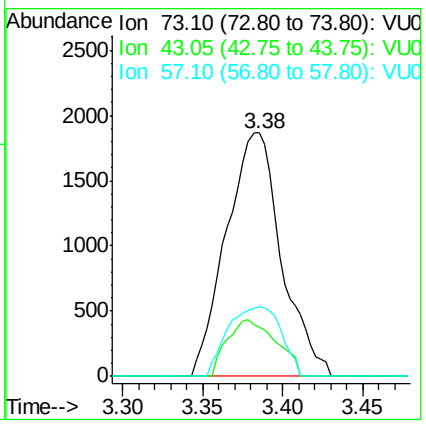




#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 73 Resp: 4418

Ion	Ratio	Lower	Upper
73	100		
43	20.7	19.5	29.3
57	27.5	18.9	28.3



Instrument :
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ClientSampleId :
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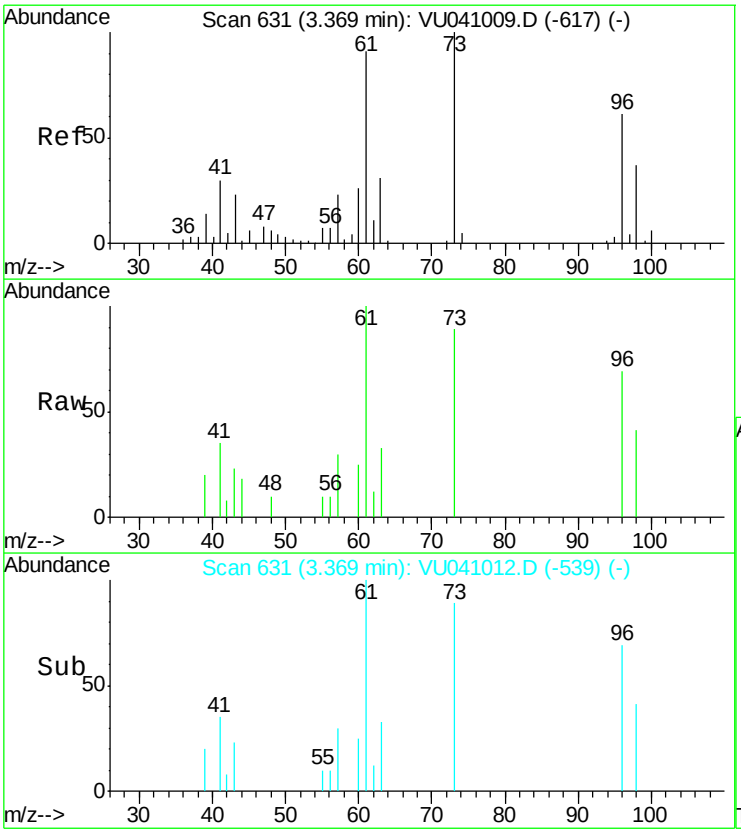
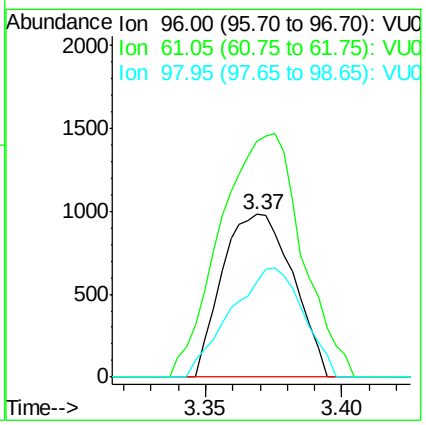
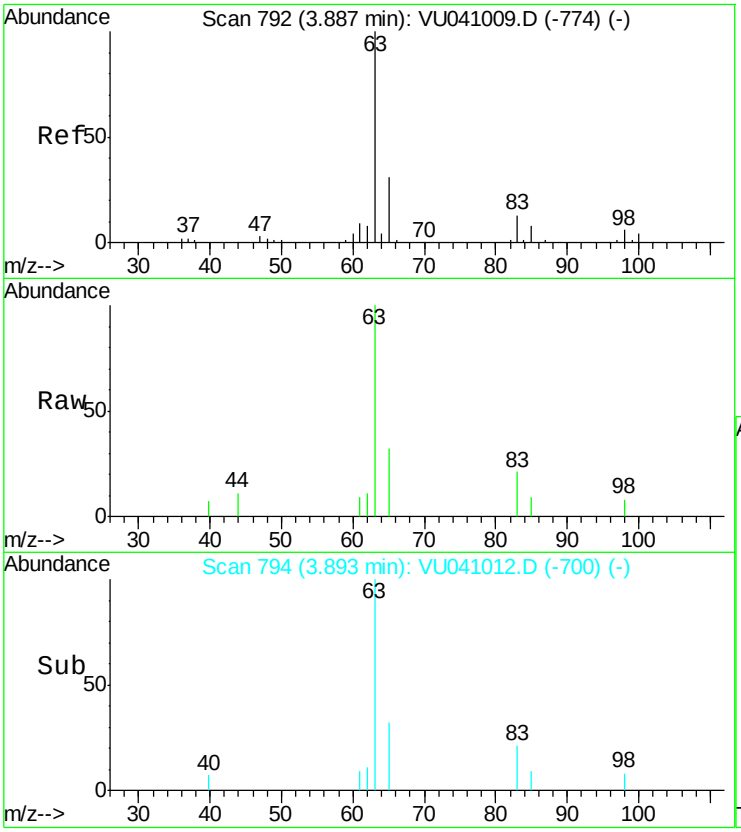


#18
trans-1,2-Dichloroethene
Concen: 0.230 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 96 Resp: 1766

Ion	Ratio	Lower	Upper
96	100		
61	144.8	107.2	199.0
98	58.8	44.6	82.8

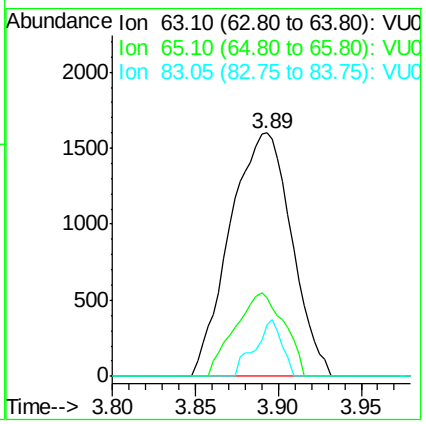




#19
1,1-Dichloroethane
Concen: 0.260 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 63 Resp: 4131

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.4
83	21.0	9.3	17.3#



Instrument :
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ClientSampleId :
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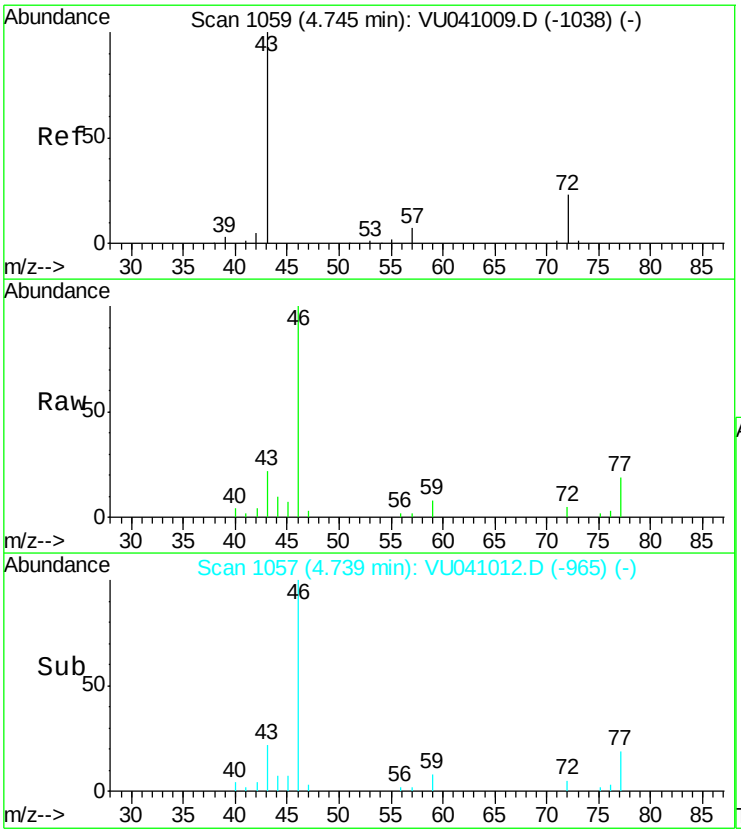
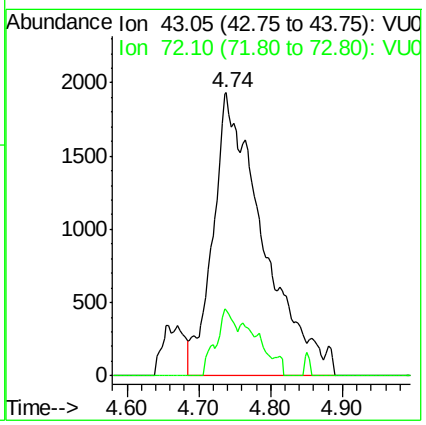
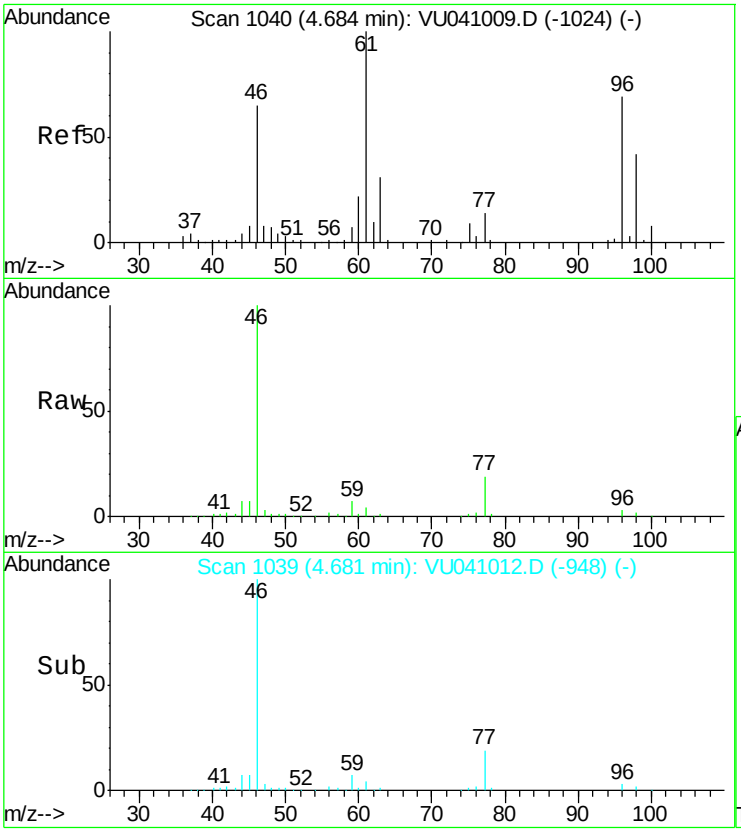


#21
2-Butanone
Concen: 2.957 ug/L m
RT: 4.74 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 43 Resp: 9412

Ion	Ratio	Lower	Upper
43	100		
72	9.2	11.6	34.7#

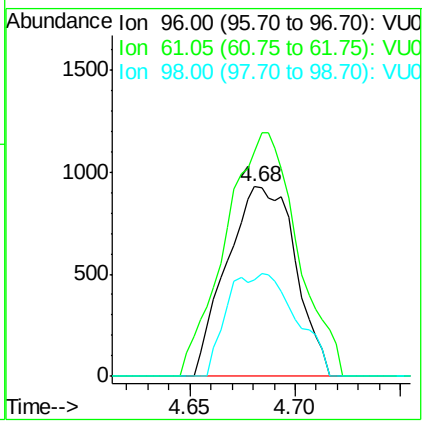




#22
cis-1,2-Dichloroethene
Concen: 0.256 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 96 Resp: 2092

Ion	Ratio	Lower	Upper
96	100		
61	118.4	101.7	188.9
98	50.6	46.4	86.2



Instrument :
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ClientSampleId :
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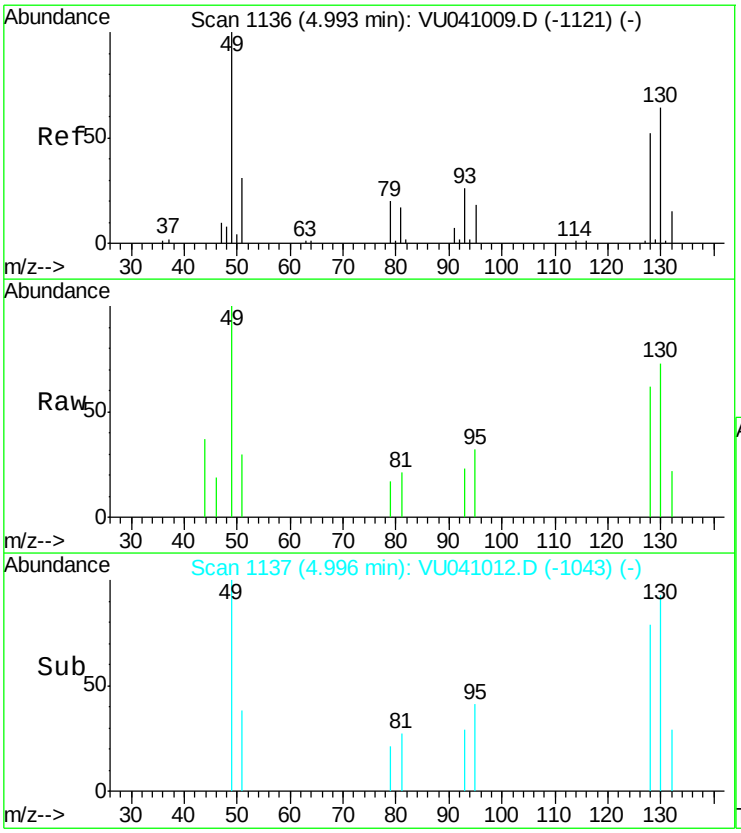
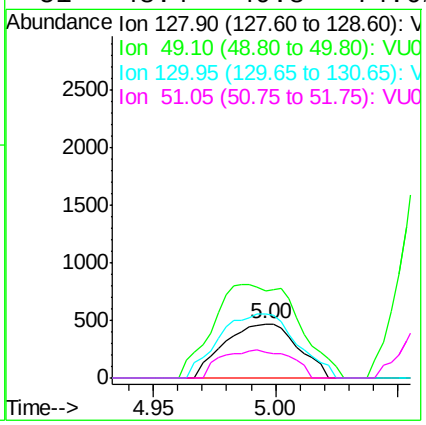
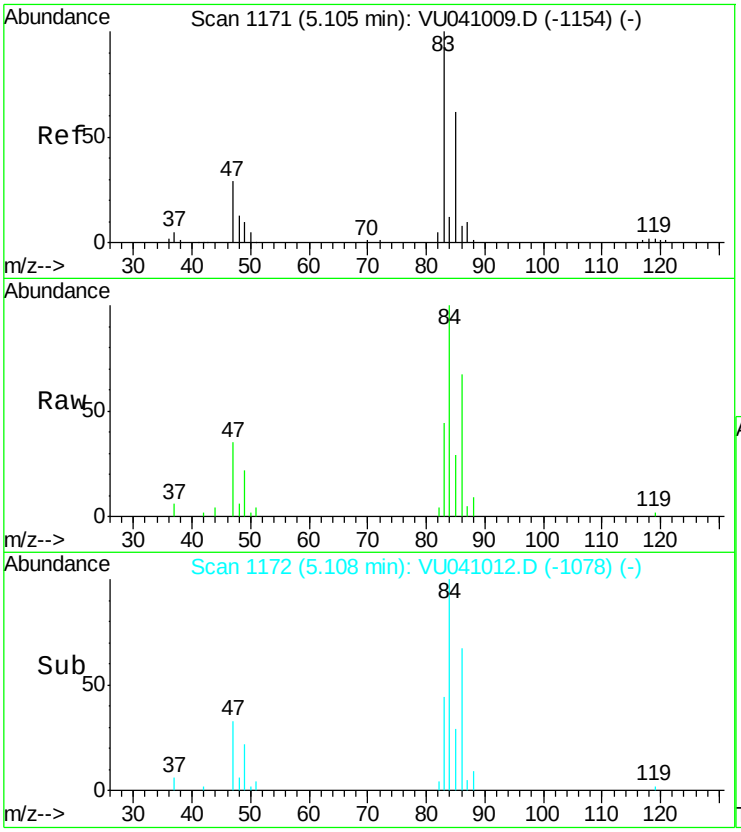


#23
Bromochloromethane
Concen: 0.251 ug/L
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:128 Resp: 977

Ion	Ratio	Lower	Upper
128	100		
49	161.6	137.5	255.4
130	118.3	90.2	167.4
51	48.4	49.8	74.6#





#25
Chloroform
Concen: 0.346 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 83 Resp: 5610

Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.5	84.5

Instrument :
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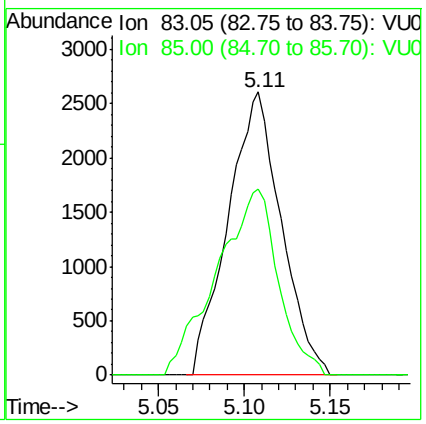
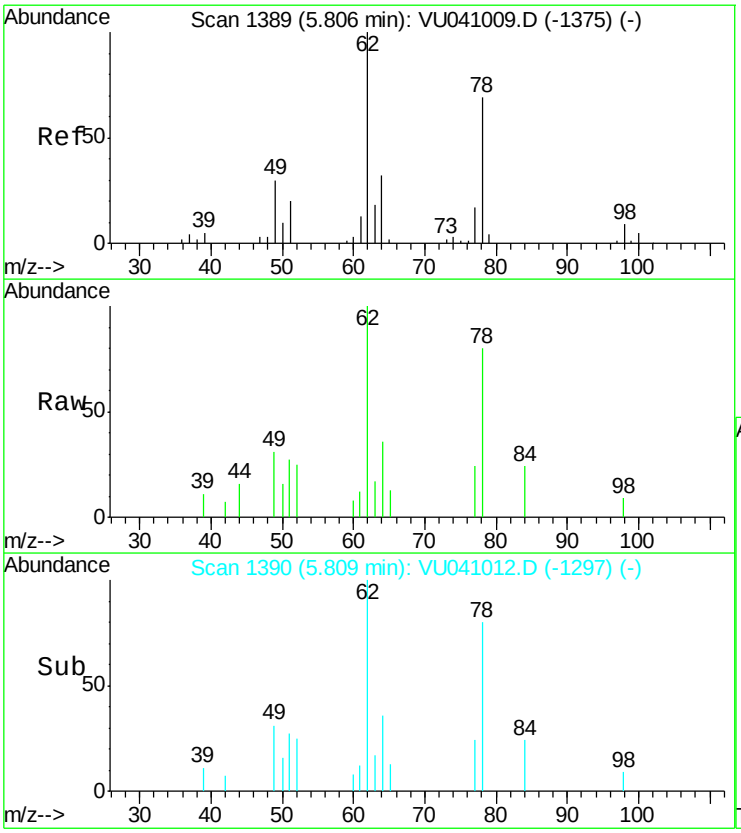
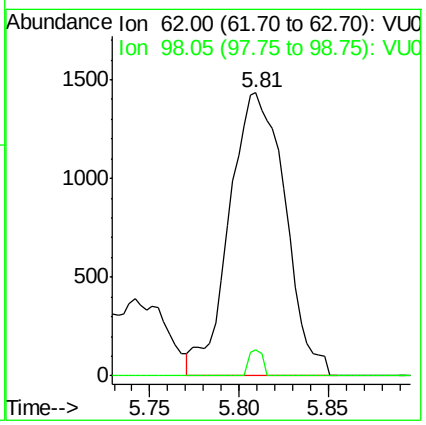


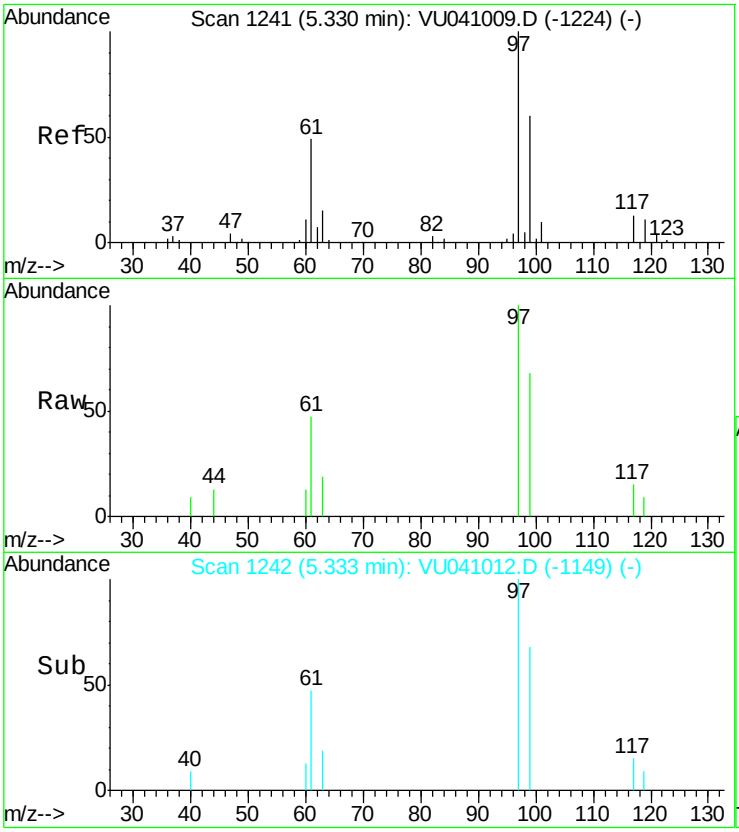


#27
1,2-Dichloroethane
Concen: 0.264 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 62 Resp: 3128

Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.1	9.1#

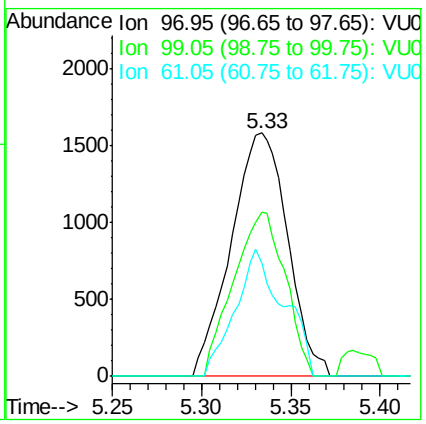




#29
1,1,1-Trichloroethane
Concen: 0.249 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 97 Resp: 3502

Ion	Ratio	Lower	Upper
97	100		
99	61.5	50.2	75.2
61	44.6	39.6	59.4



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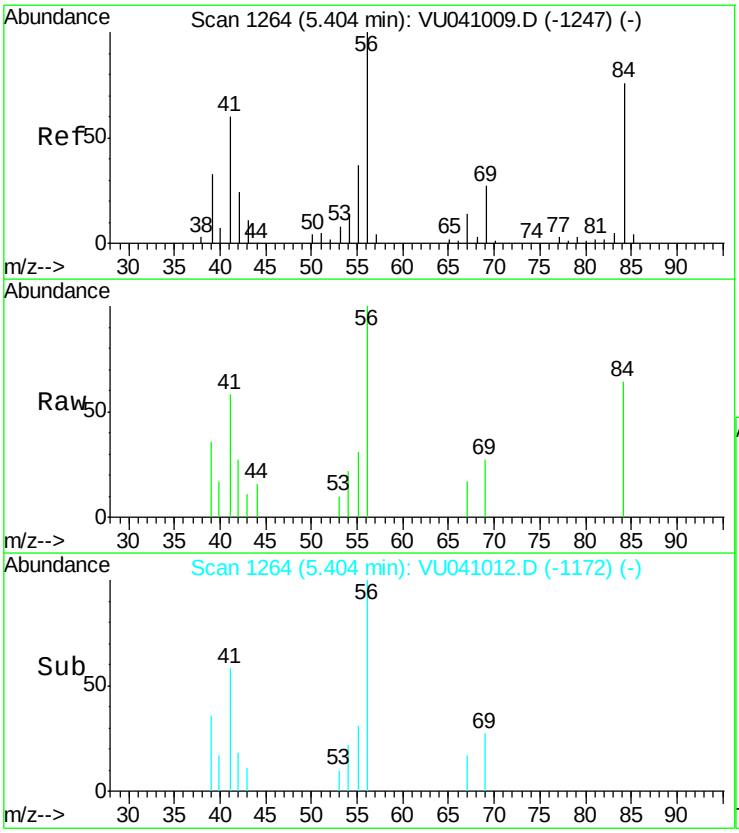
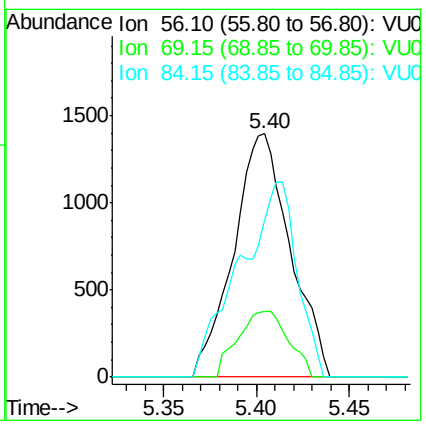
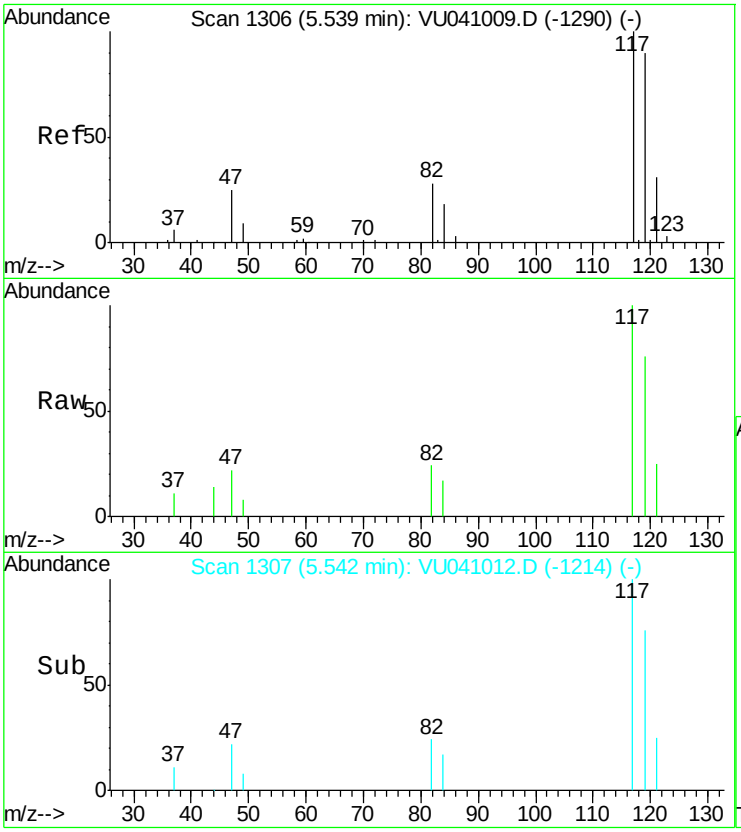


#30
Cyclohexane
Concen: 0.228 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 56 Resp: 2966

Ion	Ratio	Lower	Upper
56	100		
69	24.1	23.2	34.8
84	81.0	62.9	94.3





#31
Carbon tetrachloride
Concen: 0.252 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:117 Resp: 3022

Ion	Ratio	Lower	Upper
117	100		
119	90.2	74.4	111.6

Instrument :
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ClientSampleId :
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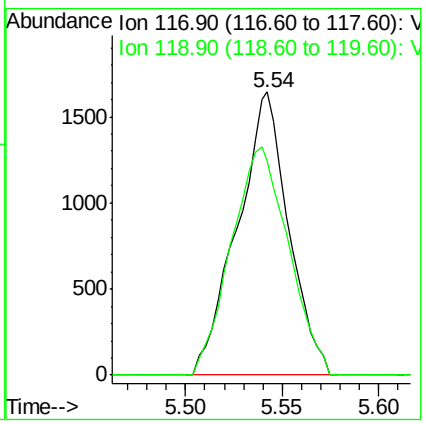
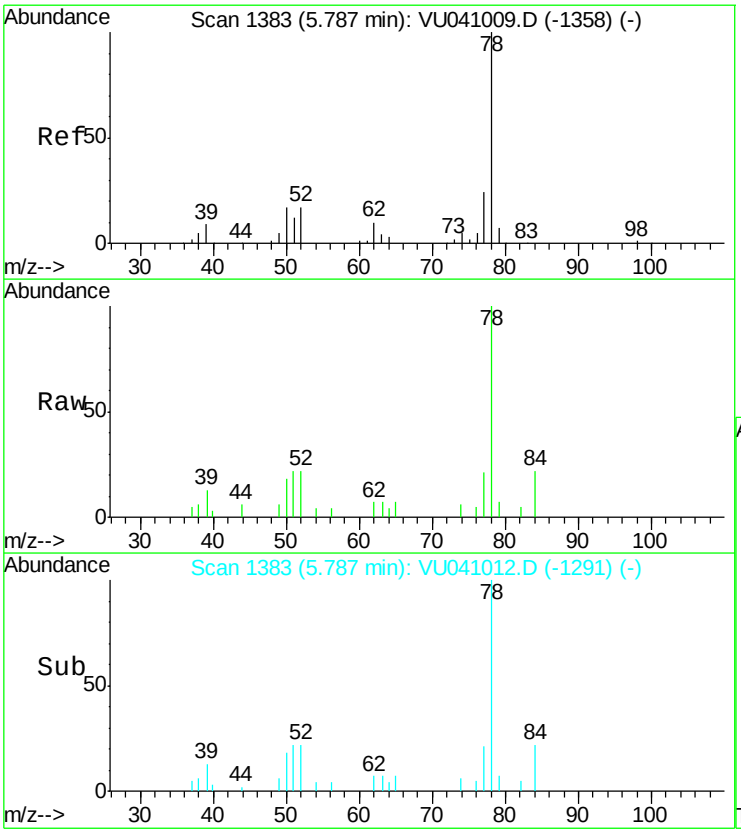
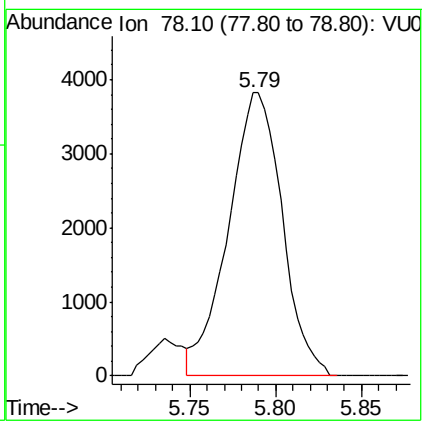
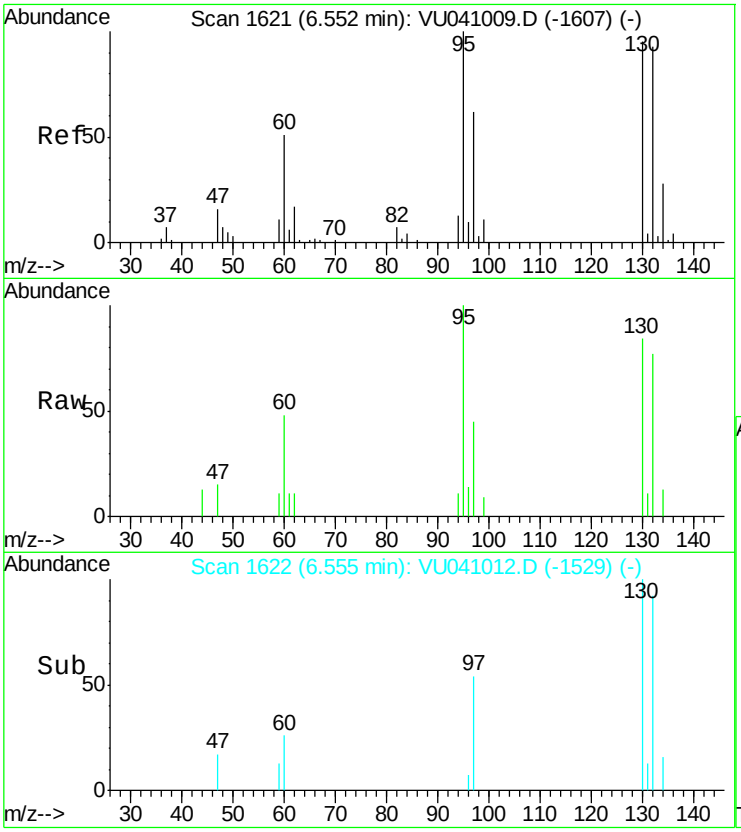




#33
Benzene
Concen: 0.253 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 78 Resp: 8318

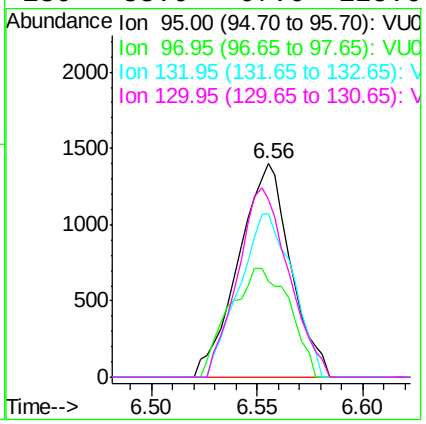




#34
Trichloroethene
Concen: 0.276 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 95 Resp: 2413

Ion	Ratio	Lower	Upper
95	100		
97	44.9	43.8	81.4
132	76.6	64.5	119.7
130	83.6	67.6	125.6



Instrument :
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ClientSampleId :
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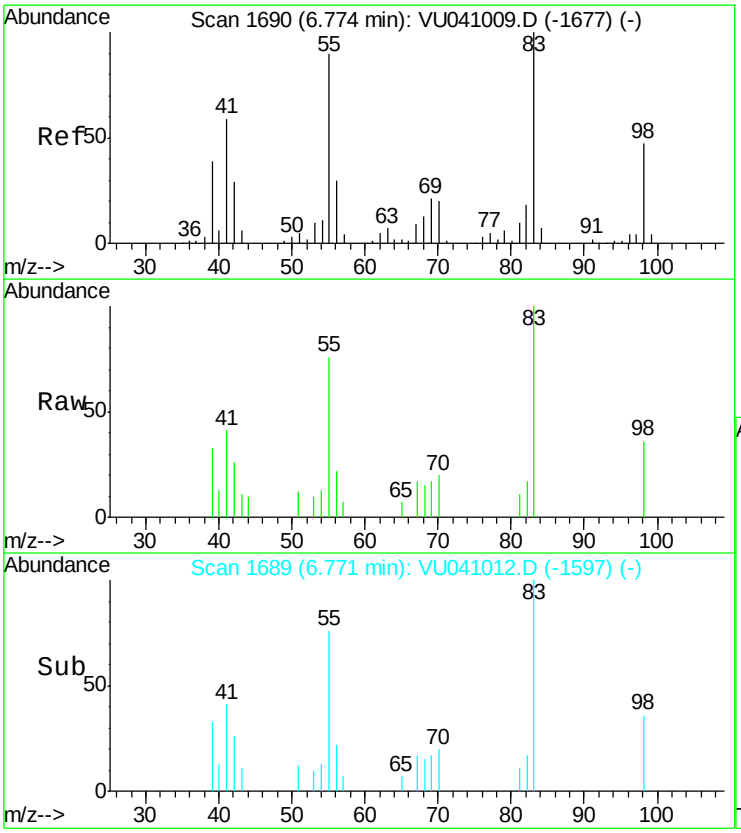
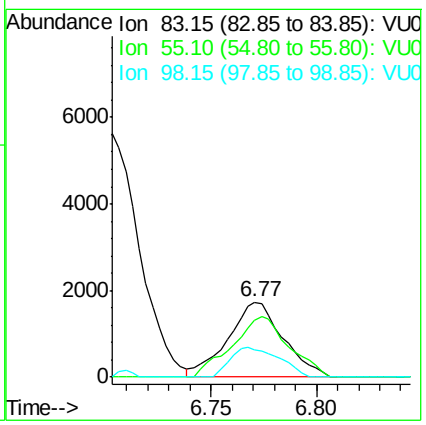
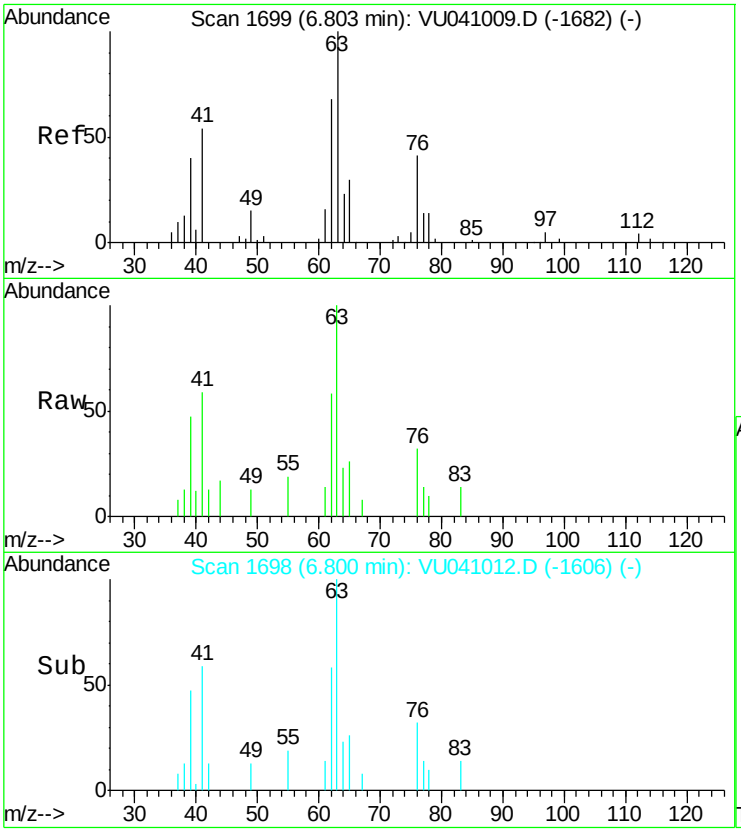


#35
Methylcyclohexane
Concen: 0.258 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 83 Resp: 3140

Ion	Ratio	Lower	Upper
83	100		
55	82.9	72.7	109.1
98	35.1	35.7	53.5#

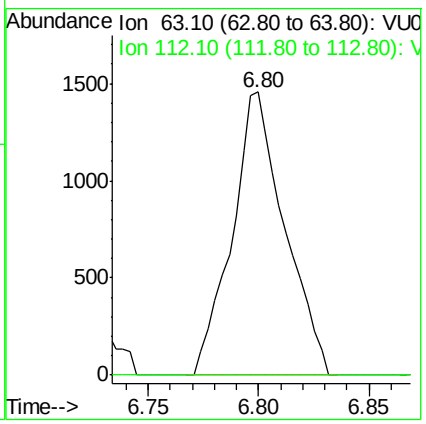




#37
1,2-Dichloropropane
Concen: 0.258 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 63 Resp: 2411

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Instrument :
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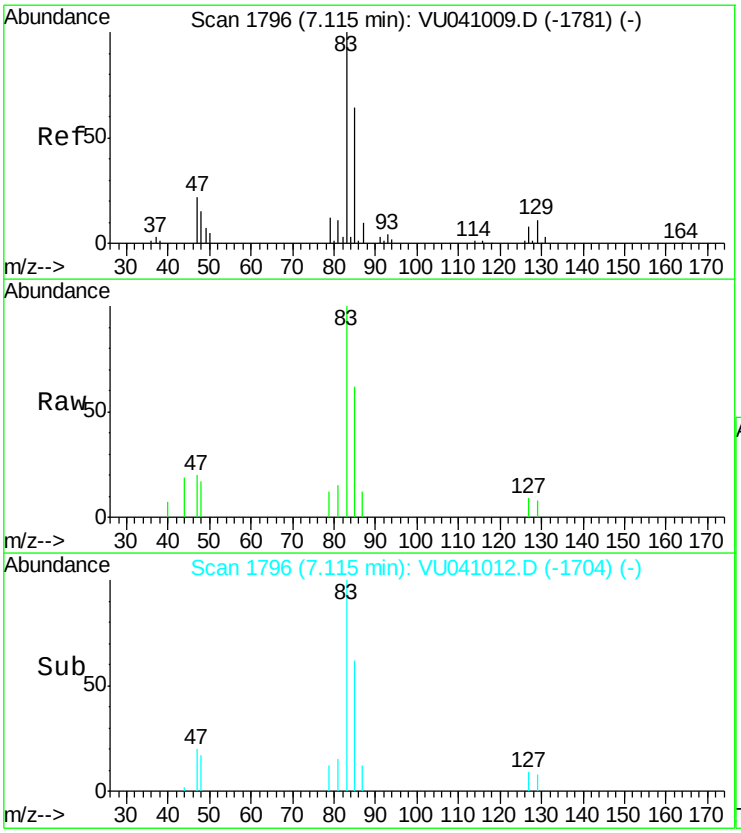
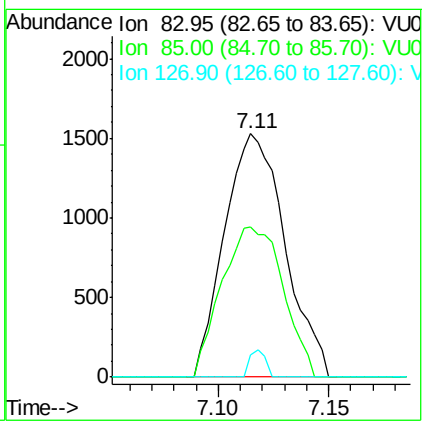
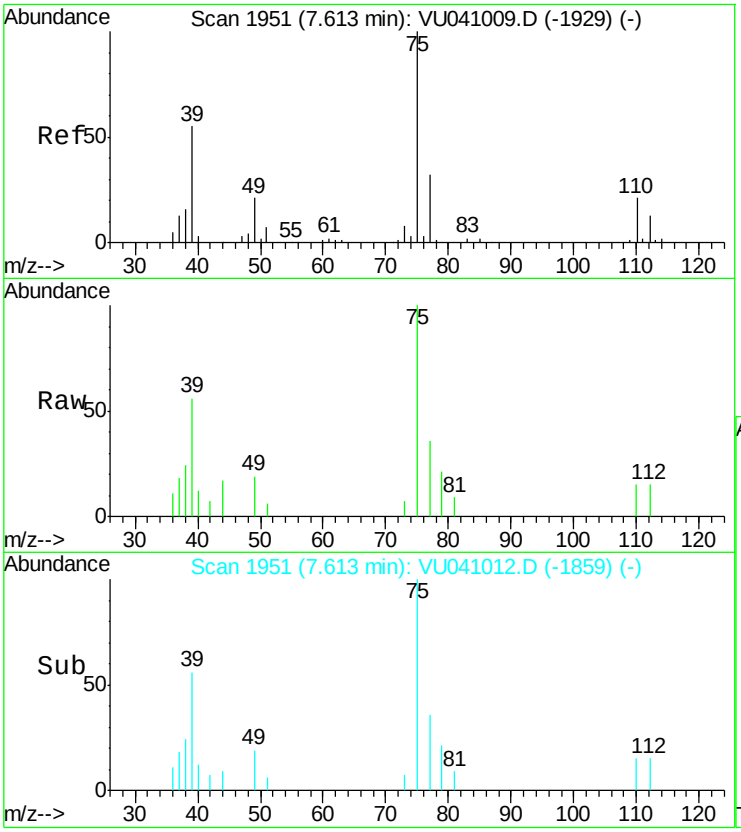


#38
Bromodichloromethane
Concen: 0.249 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 83 Resp: 2900

Ion	Ratio	Lower	Upper
83	100		
85	61.6	42.9	79.7
127	9.4	6.2	9.2#

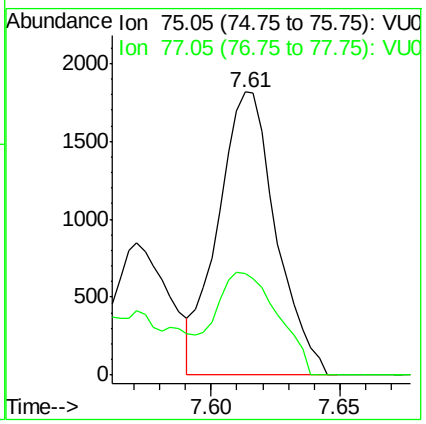




#39
cis-1,3-Dichloropropene
Concen: 0.231 ug/L
RT: 7.61 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 75 Resp: 2851

Ion	Ratio	Lower	Upper
75	100		
77	35.8	22.7	42.3



Instrument :
MSVOA_U
ClientSampleId :
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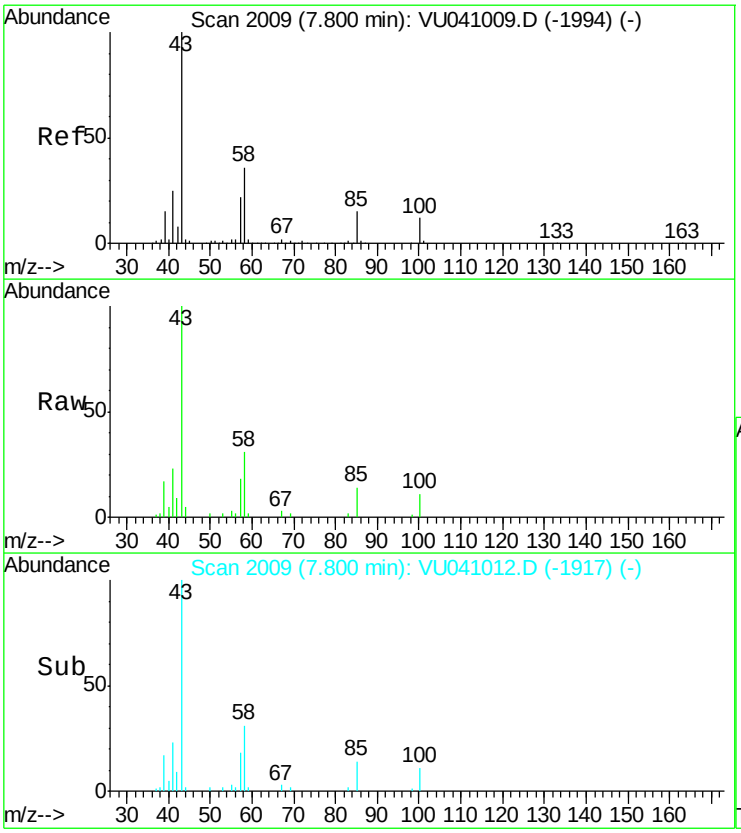
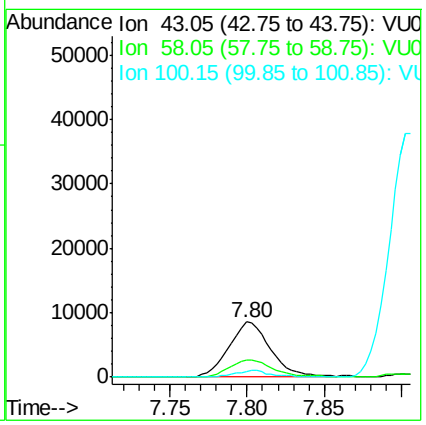
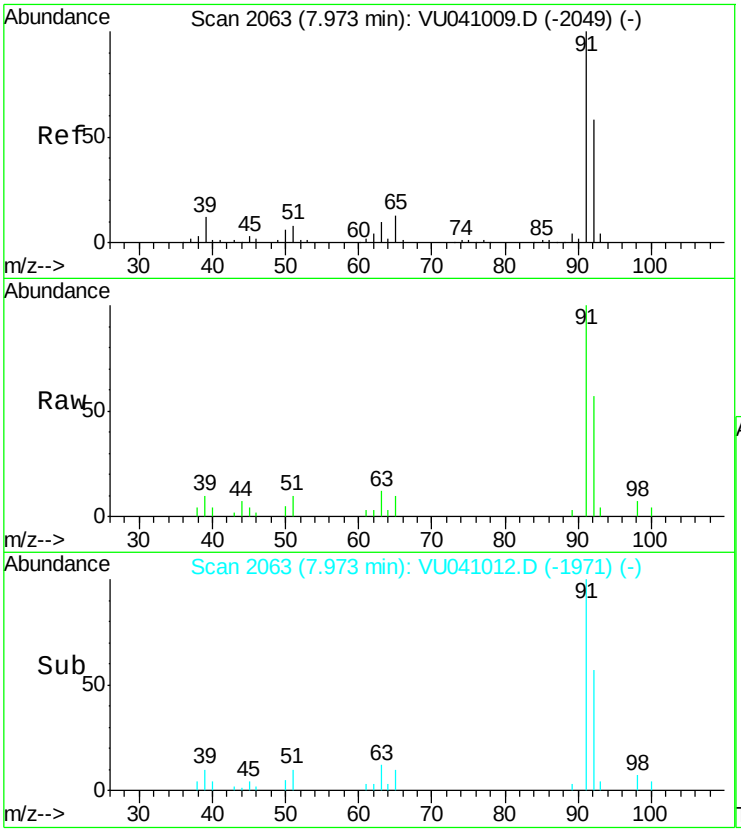


#40
4-Methyl-2-pentanone
Concen: 2.287 ug/L
RT: 7.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 43 Resp: 16130

Ion	Ratio	Lower	Upper
43	100		
58	32.3	28.6	43.0
100	0.0	9.6	14.4#

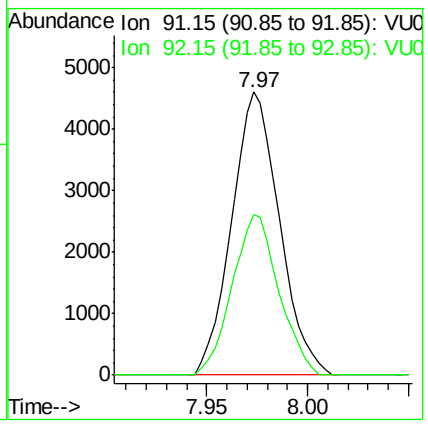




#42
Toluene
Concen: 0.230 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 91 Resp: 7644

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.5	75.1



Instrument :
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ClientSampleId :
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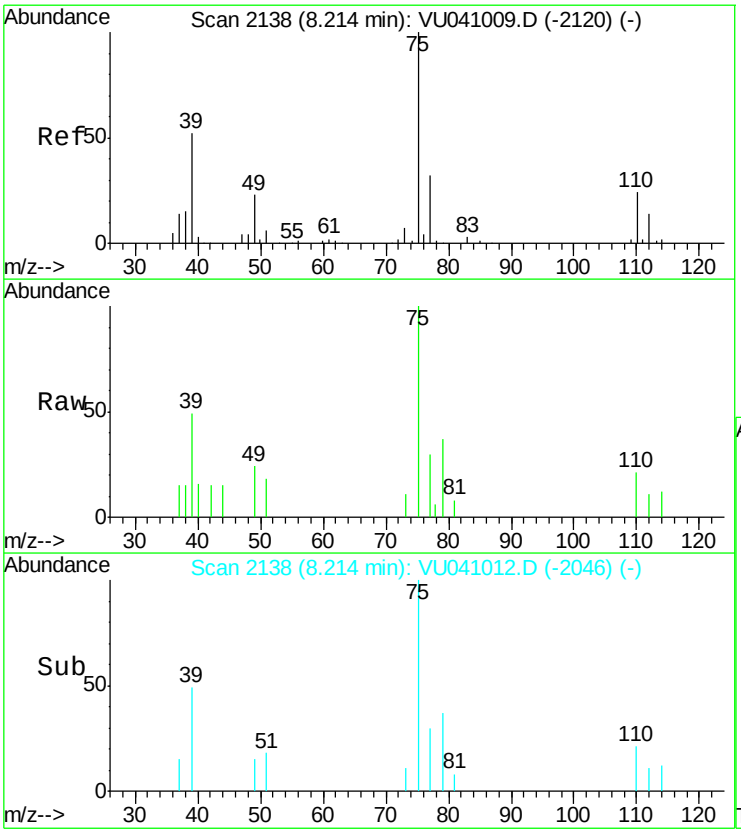
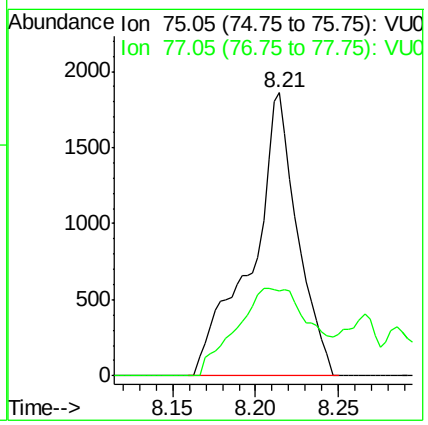
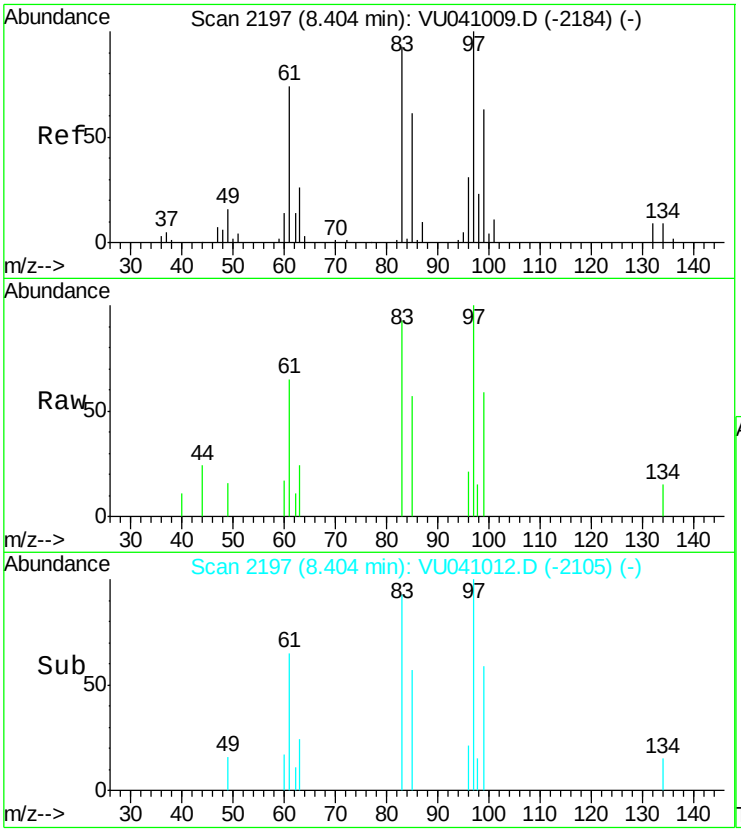


#44
trans-1,3-Dichloropropene
Concen: 0.313 ug/L
RT: 8.21 min Scan# 2138
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 75 Resp: 3600

Ion	Ratio	Lower	Upper
75	100		
77	30.2	23.0	42.6

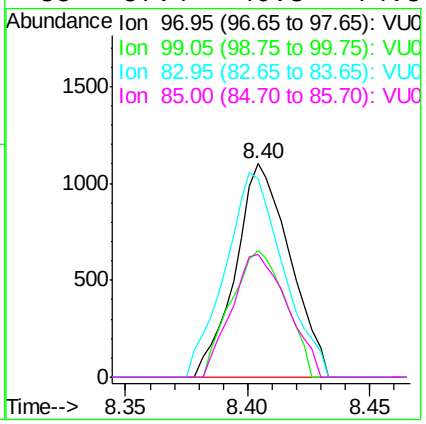




#45
1,1,2-Trichloroethane
Concen: 0.256 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 97 Resp: 1706

Ion	Ratio	Lower	Upper
97	100		
99	59.3	41.8	77.6
83	92.9	62.2	115.6
85	57.4	40.3	74.8



Instrument :
MSVOA_U
ClientSampleId :
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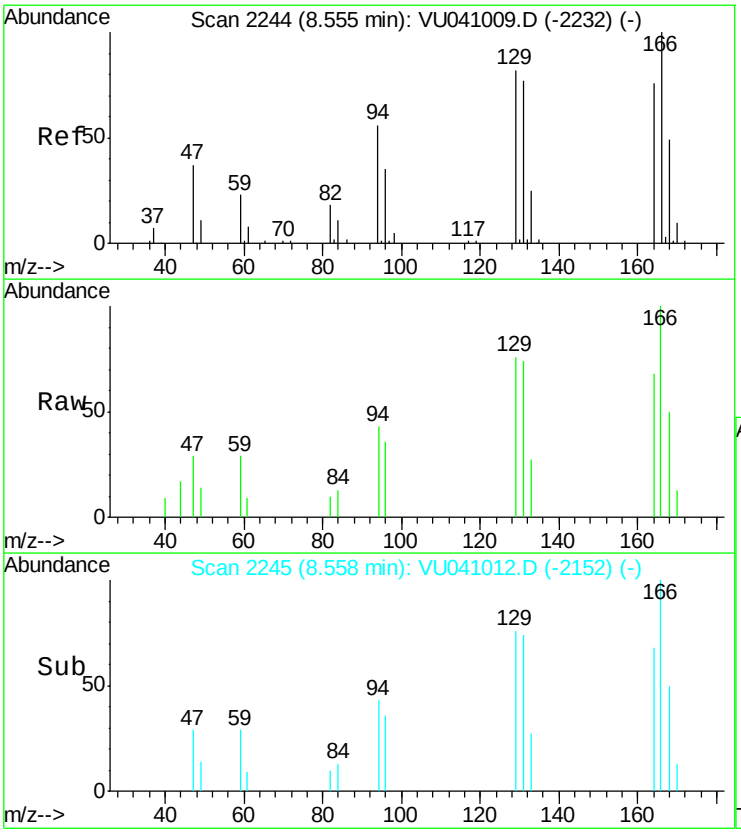
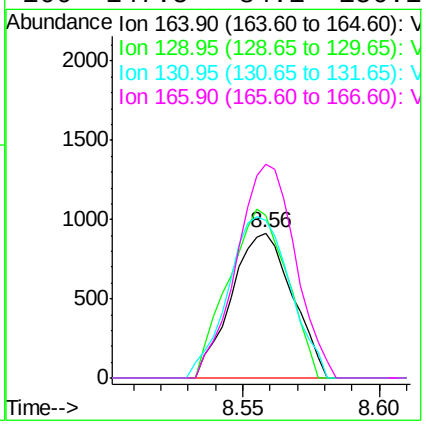
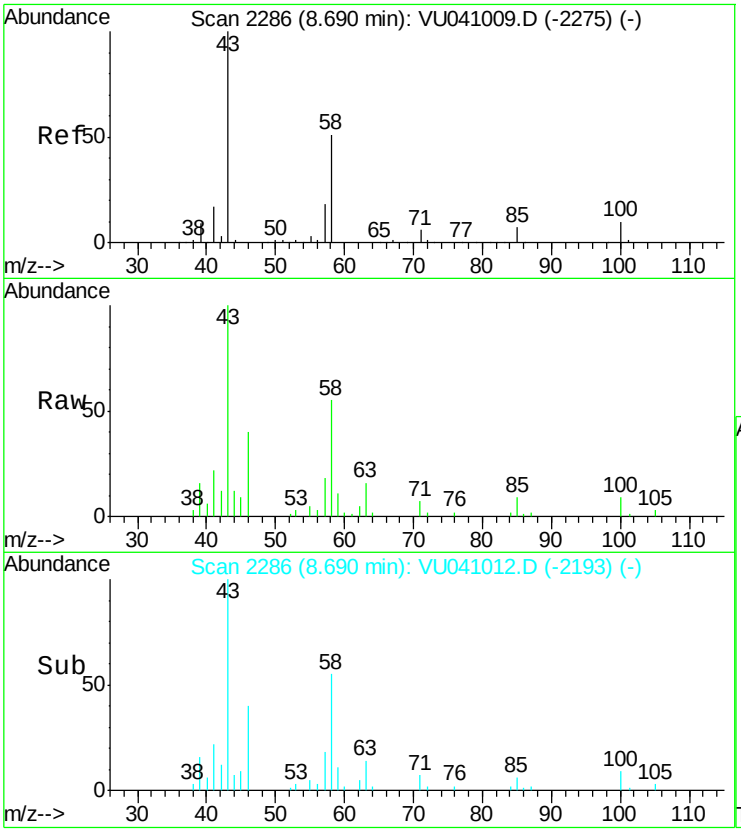


#47
Tetrachloroethene
Concen: 0.234 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:164 Resp: 1420

Ion	Ratio	Lower	Upper
164	100		
129	112.4	69.9	129.7
131	108.5	65.0	120.6
166	147.5	84.1	156.1

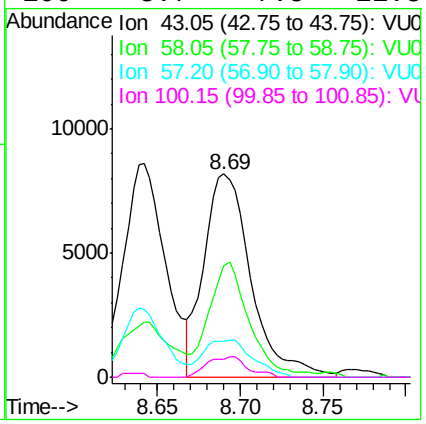




#48
2-Hexanone
Concen: 3.077 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 43 Resp: 16279

Ion	Ratio	Lower	Upper
43	100		
58	47.9	39.9	59.9
57	19.5	14.1	21.1
100	8.7	7.5	11.3



Instrument :
MSVOA_U
ClientSampleId :
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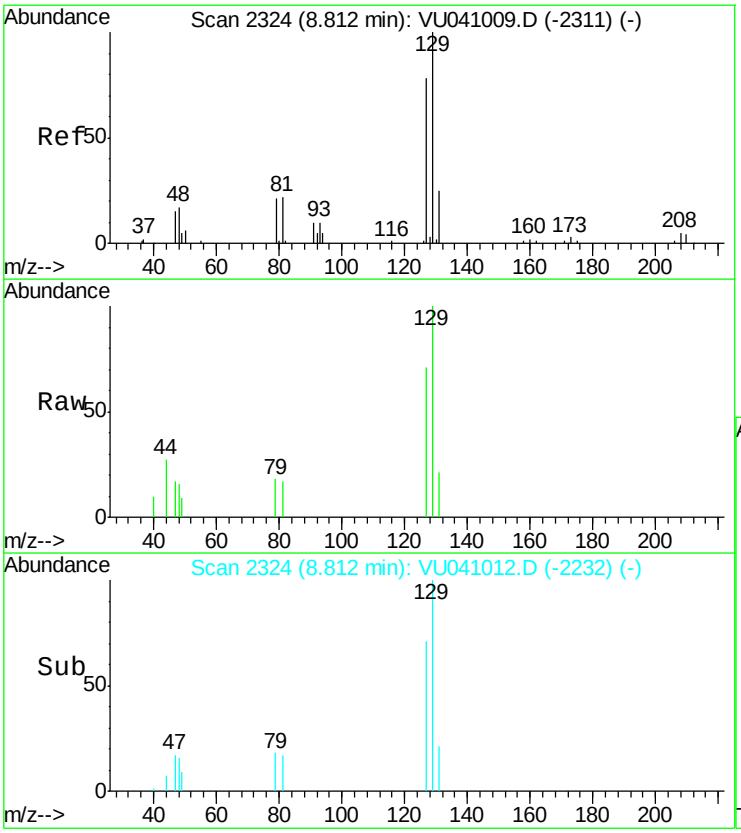
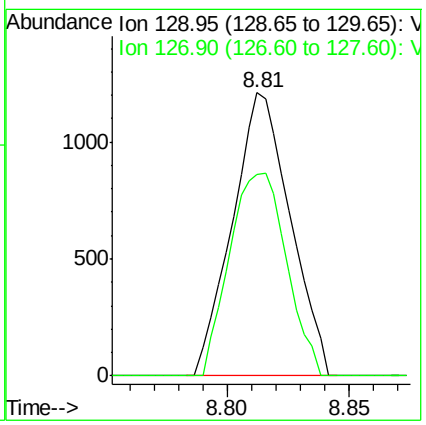
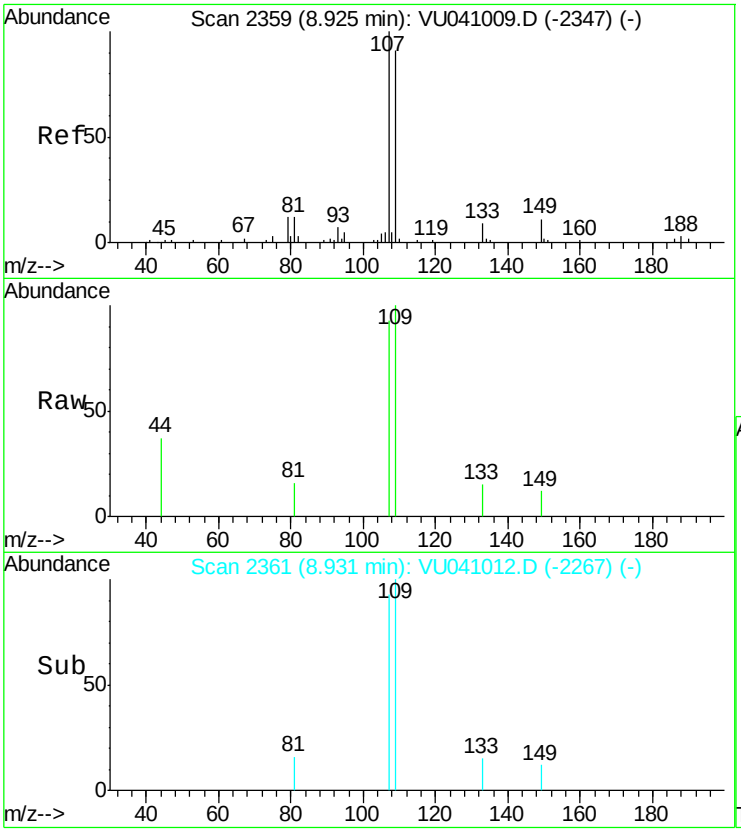


#49
Dibromochloromethane
Concen: 0.258 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:129 Resp: 1986

Ion	Ratio	Lower	Upper
129	100		
127	71.1	55.3	102.7

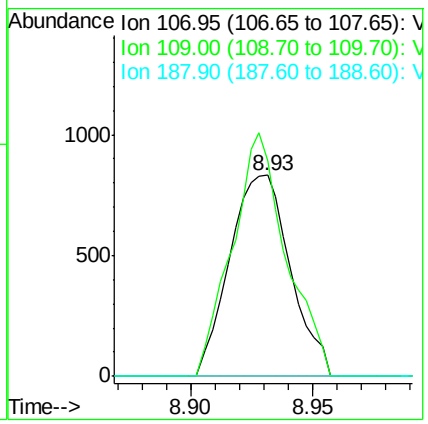




#50
1,2-Dibromoethane
Concen: 0.230 ug/L
RT: 8.93 min Scan# 2361
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:107 Resp: 1438

Ion	Ratio	Lower	Upper
107	100		
109	107.1	67.1	124.5
188	0.0	2.3	3.5#



Instrument :
MSVOA_U
ClientSampleId :
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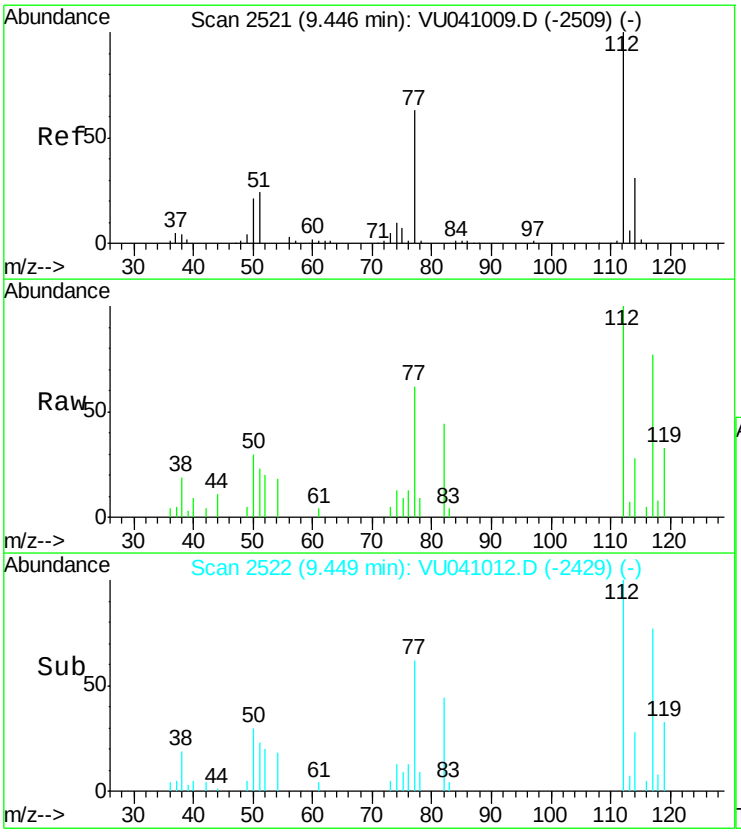
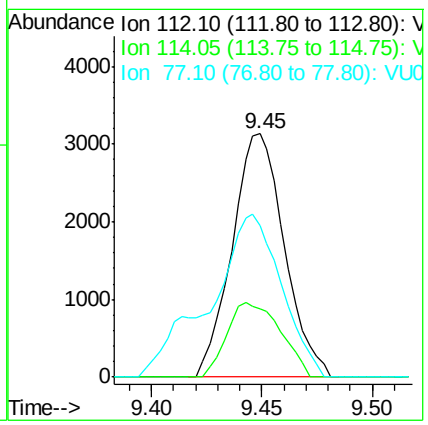
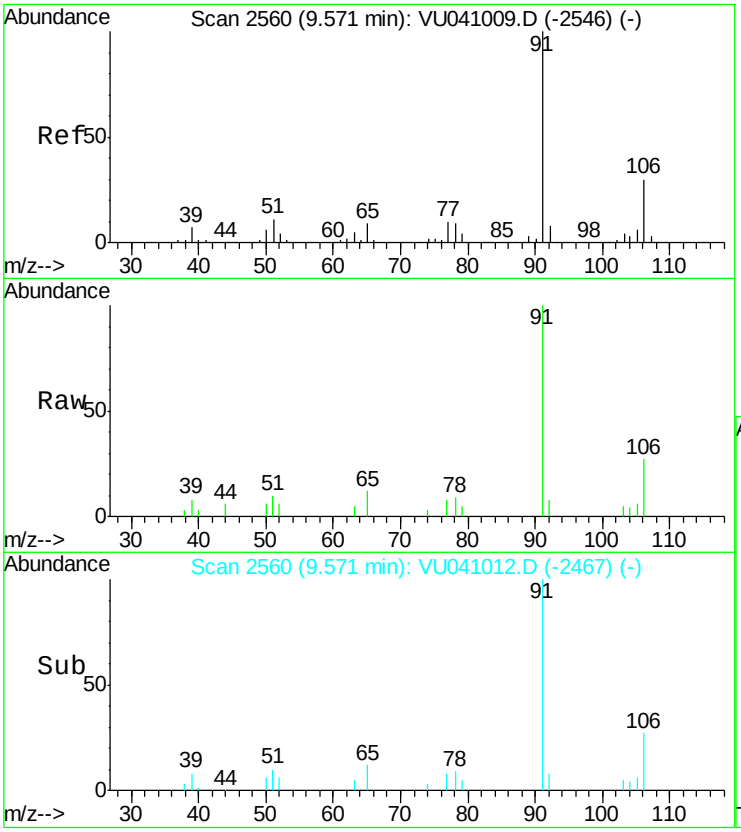


#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:112 Resp: 5134

Ion	Ratio	Lower	Upper
112	100		
114	27.9	21.9	40.7
77	62.2	51.4	77.2

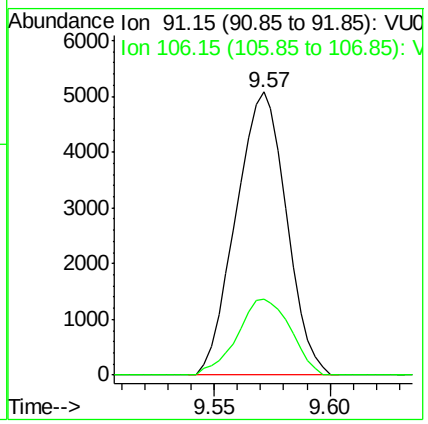




#52
Ethylbenzene
Concen: 0.223 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 91 Resp: 7684

Ion	Ratio	Lower	Upper
91	100		
106	27.0	20.6	38.4



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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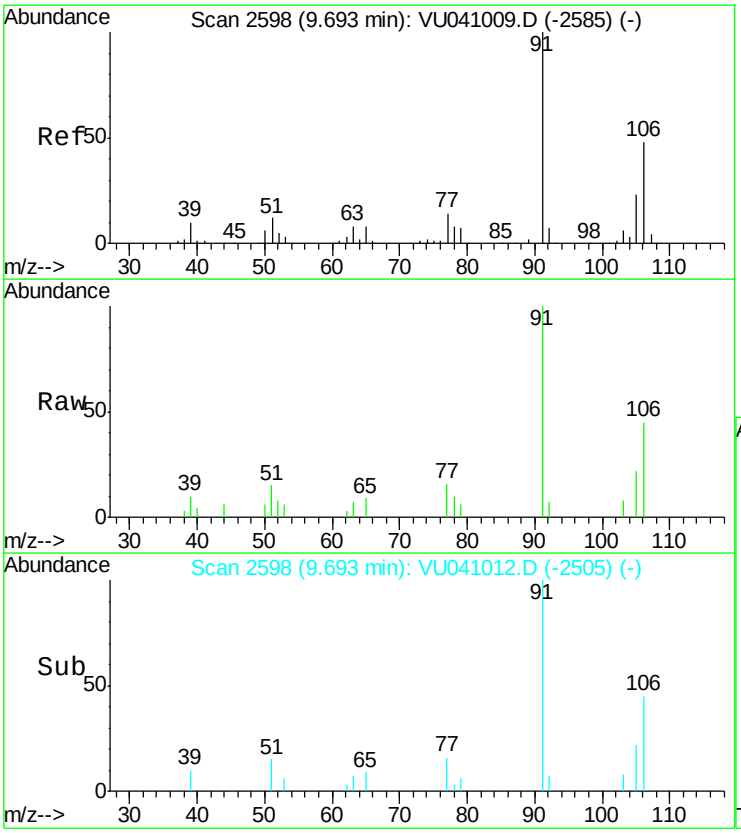
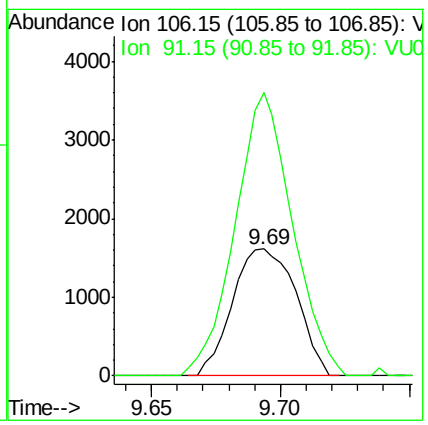
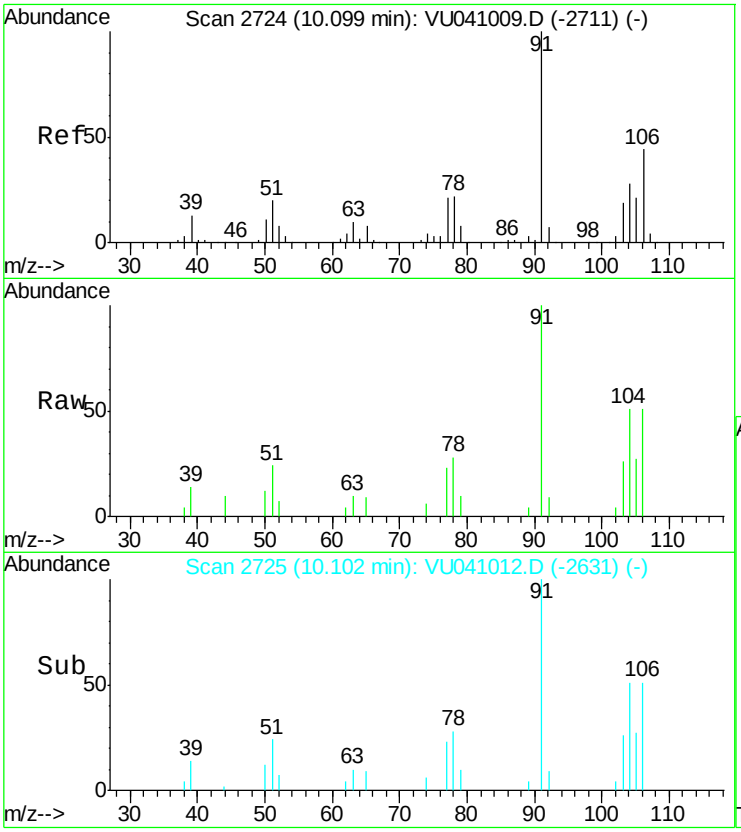


#53
m,p-Xylene
Concen: 0.222 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:106 Resp: 2773

Ion	Ratio	Lower	Upper
106	100		
91	222.7	147.6	274.0

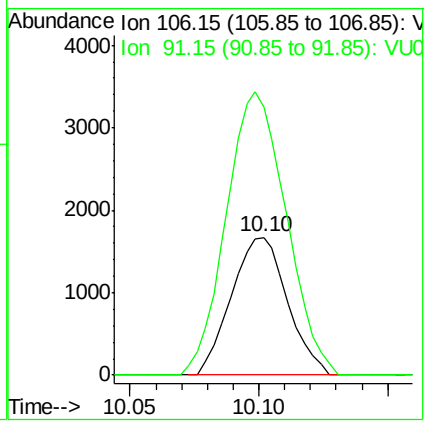




#54
o-Xylene
Concen: 0.212 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:106 Resp: 2527

Ion	Ratio	Lower	Upper
106	100		
91	194.6	158.3	294.1



Instrument :
MSVOA_U
ClientSampleId :
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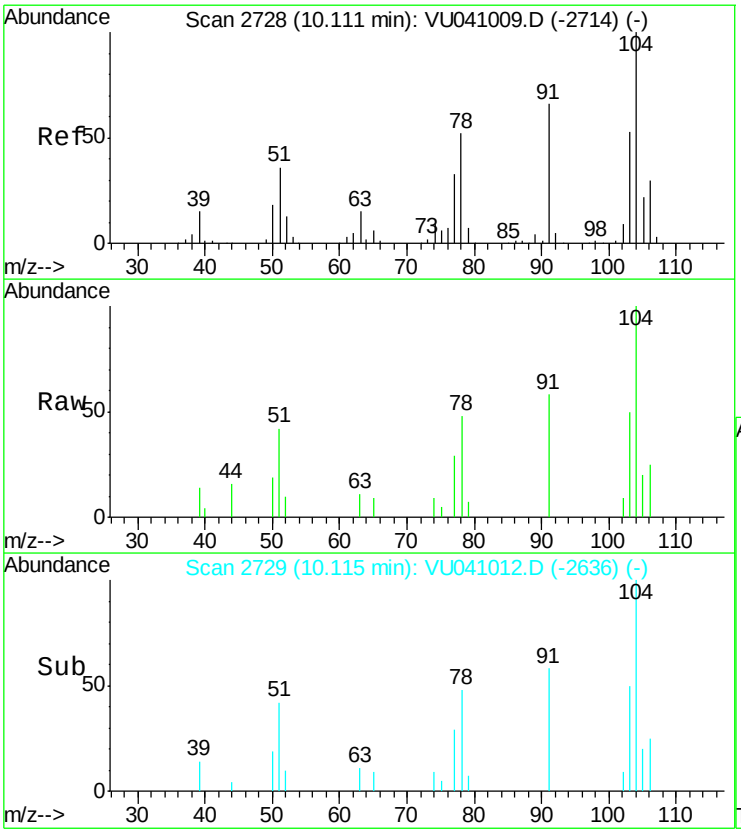
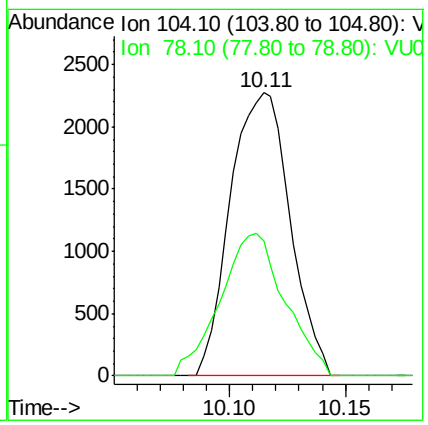
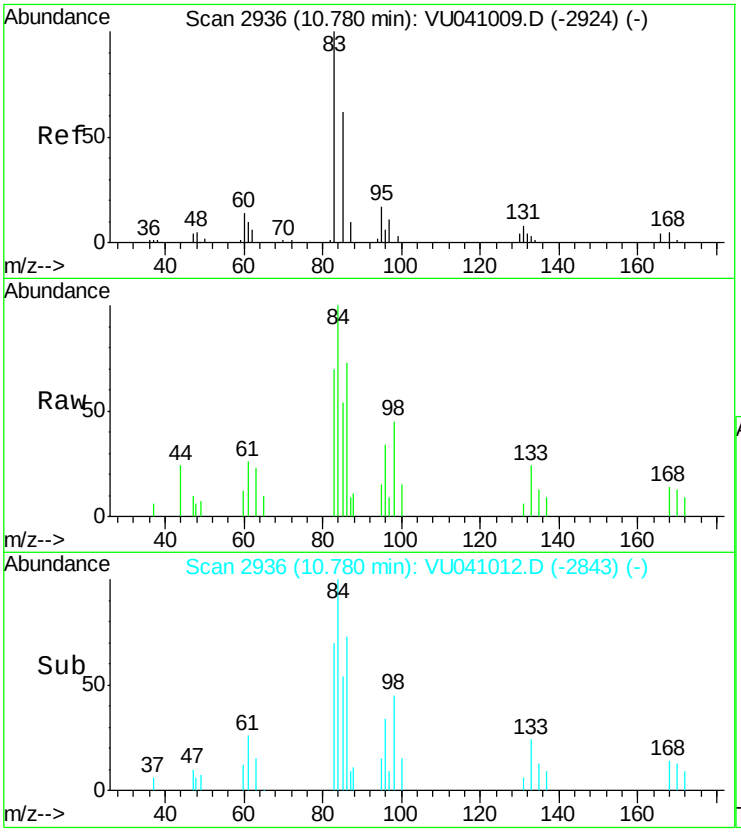


#55
Styrene
Concen: 0.196 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:104 Resp: 4063

Ion	Ratio	Lower	Upper
104	100		
78	47.6	35.6	66.2

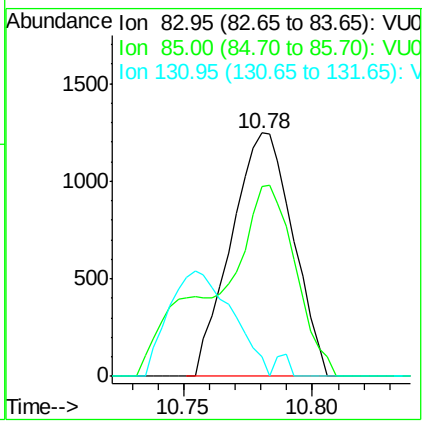




#57
1,1,2,2-Tetrachloroethane
Concen: 0.241 ug/L
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 83 Resp: 2076

Ion	Ratio	Lower	Upper
83	100		
85	78.1	42.1	78.3
131	8.1	6.7	10.1



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
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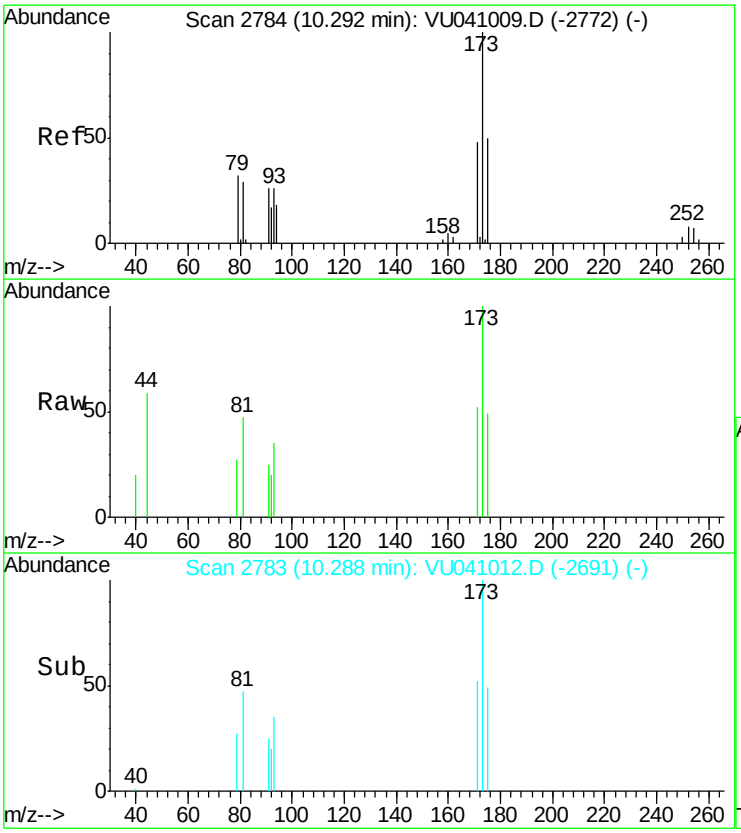
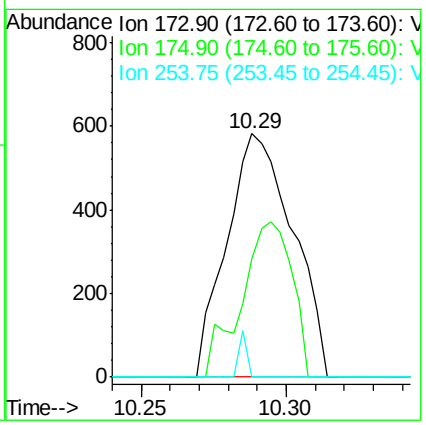
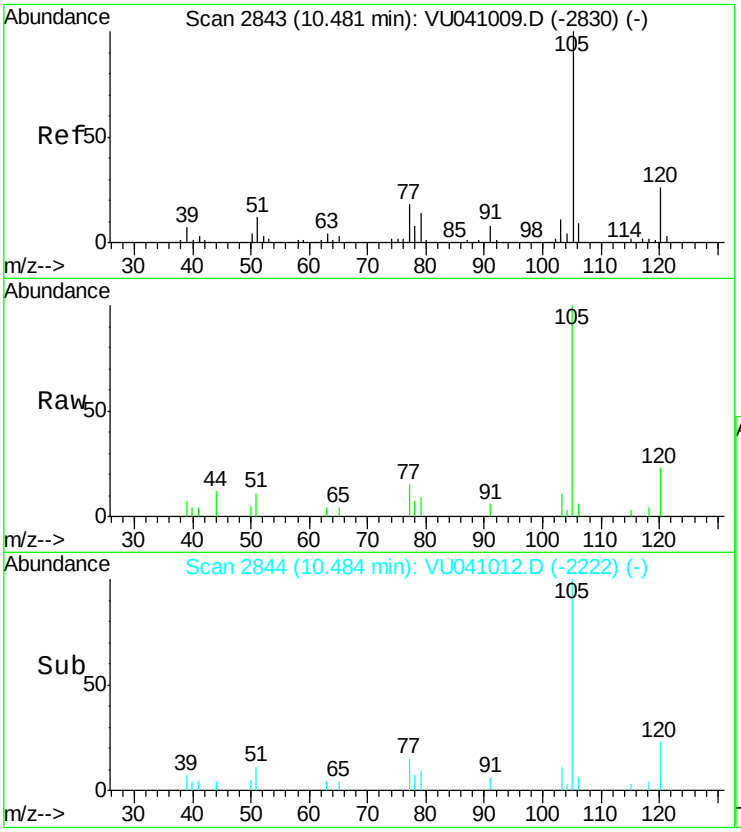


#59
Bromoform
Concen: 0.239 ug/L
RT: 10.29 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:173 Resp: 921

Ion	Ratio	Lower	Upper
173	100		
175	49.1	36.7	55.1
254	2.4	6.5	9.7#

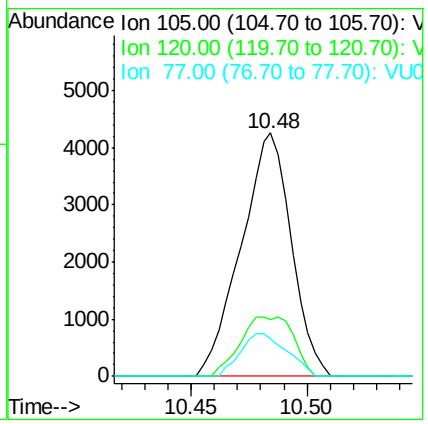




#60
Isopropylbenzene
Concen: 0.223 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:105 Resp: 6394

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.2	30.4
77	16.2	14.4	21.6



Instrument :
MSVOA_U
ClientSampleId :
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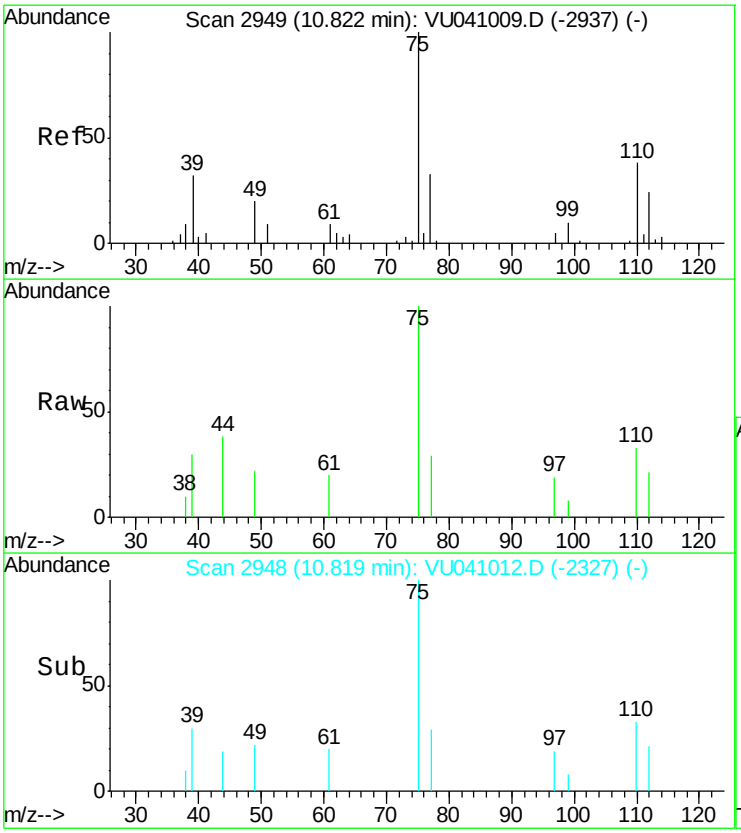
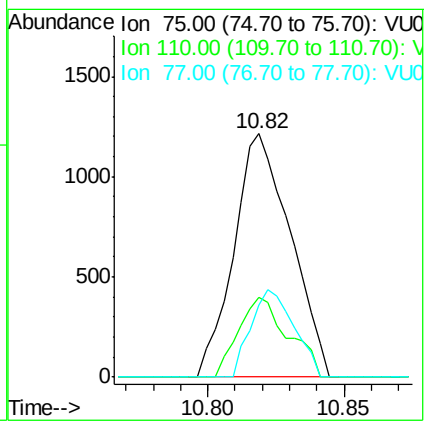
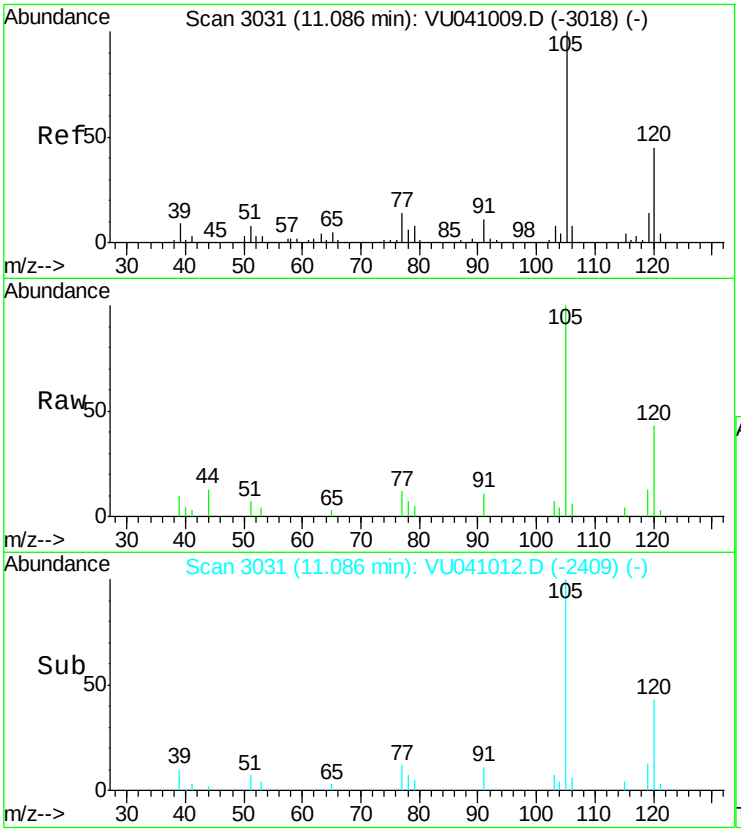


#61
1,2,3-Trichloropropane
Concen: 0.293 ug/L
RT: 10.82 min Scan# 2948
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 75 Resp: 1749

Ion	Ratio	Lower	Upper
75	100		
110	28.9	27.5	41.3
77	27.2	24.9	37.3

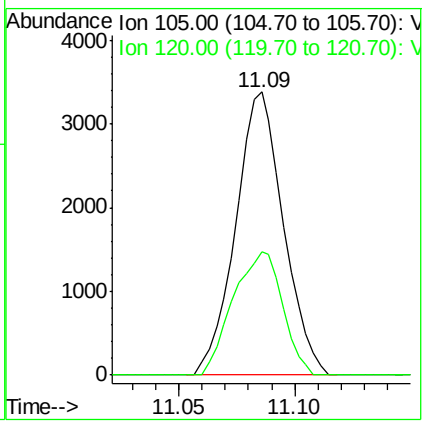




#62
1,3,5-Trimethylbenzene
Concen: 0.210 ug/L
RT: 11.09 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:105 Resp: 4836

Ion	Ratio	Lower	Upper
105	100		
120	45.0	38.0	57.0



Instrument :
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ClientSampleId :
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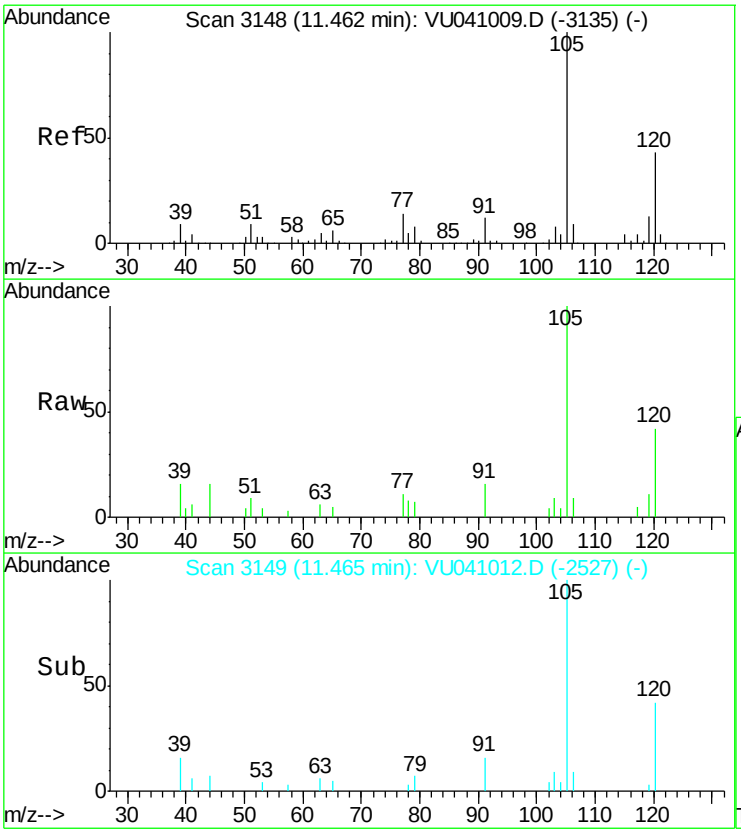
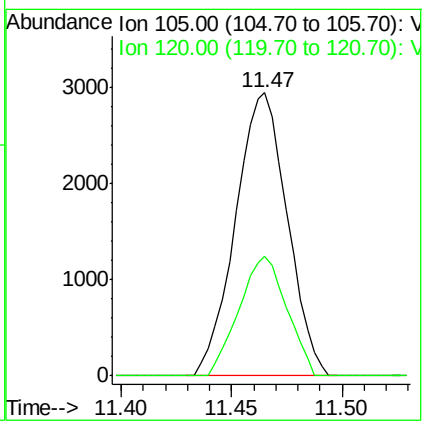
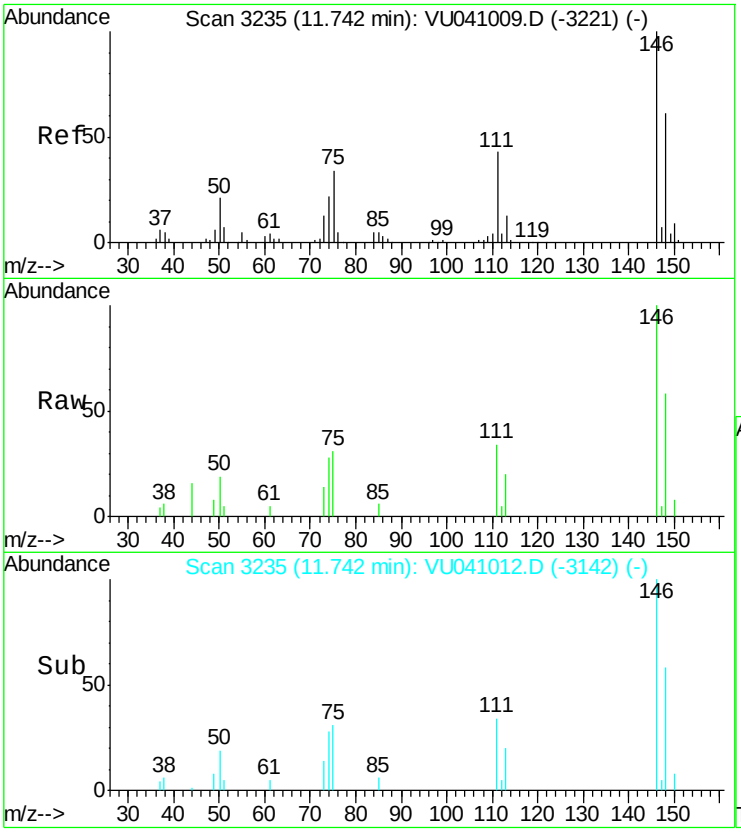


#63
1,2,4-Trimethylbenzene
Concen: 0.205 ug/L
RT: 11.47 min Scan# 3149
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:105 Resp: 4788

Ion	Ratio	Lower	Upper
105	100		
120	38.8	34.6	52.0

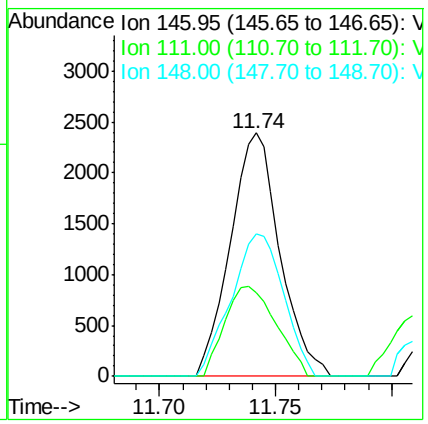




#64
1,3-Dichlorobenzene
Concen: 0.247 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:146 Resp: 3539

Ion	Ratio	Lower	Upper
146	100		
111	34.5	30.2	56.0
148	58.4	42.9	79.7



Instrument :
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ClientSampleId :
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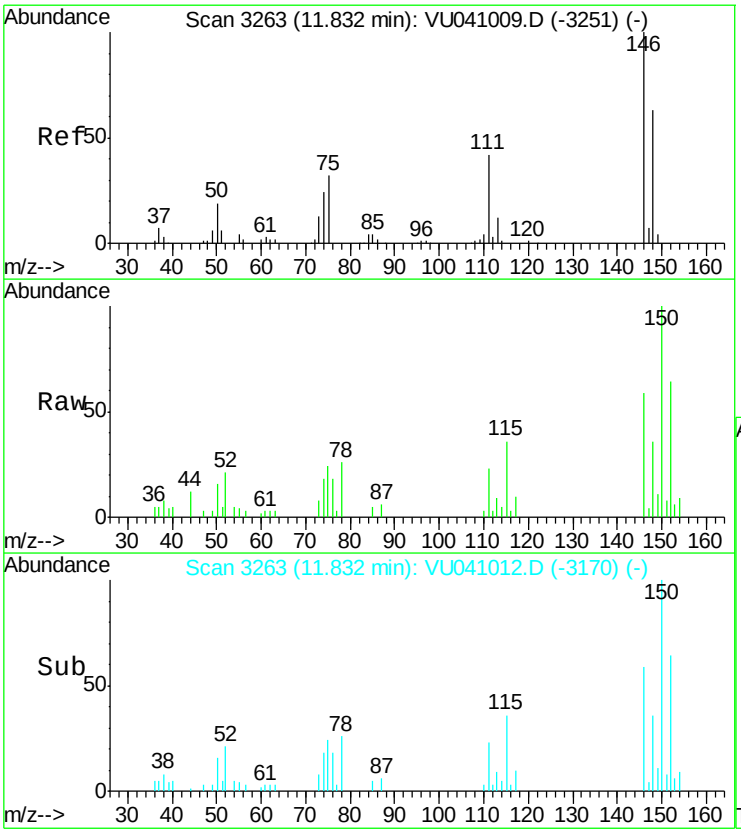
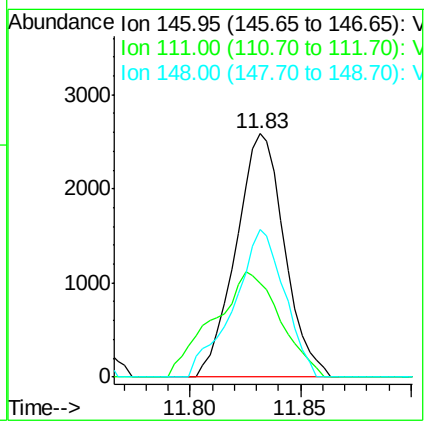
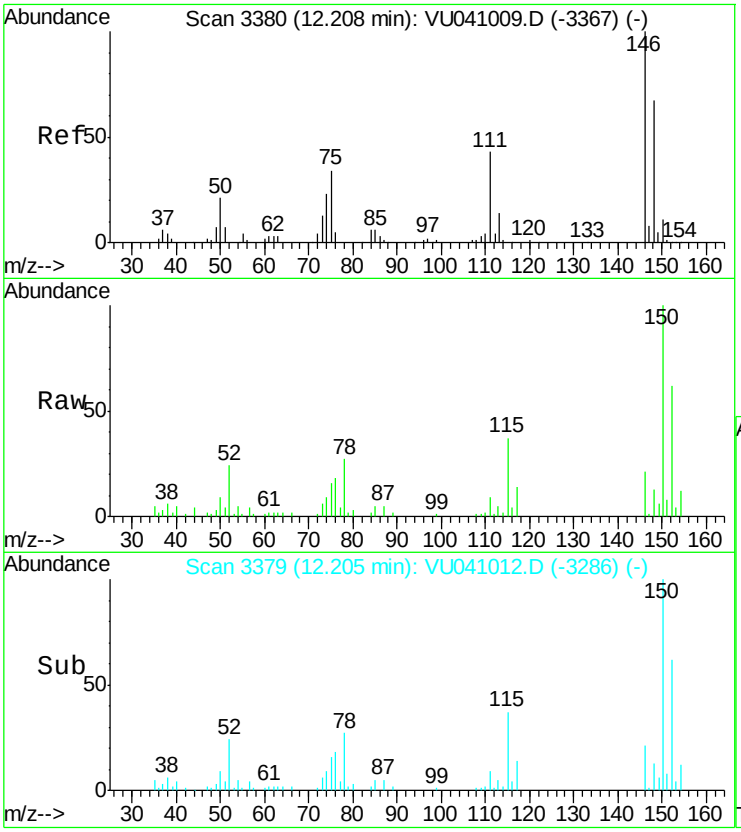


#65
1,4-Dichlorobenzene
Concen: 0.271 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:146 Resp: 3961

Ion	Ratio	Lower	Upper
146	100		
111	38.7	28.3	52.7
148	60.9	44.1	81.9





#67
1,2-Dichlorobenzene
Concen: 0.259 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:146 Resp: 3597

Ion	Ratio	Lower	Upper
146	100		
111	41.8	34.7	52.1
148	62.9	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
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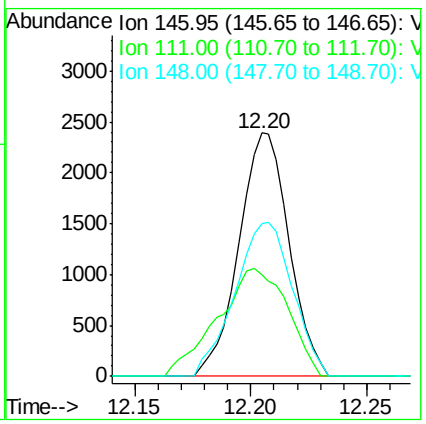
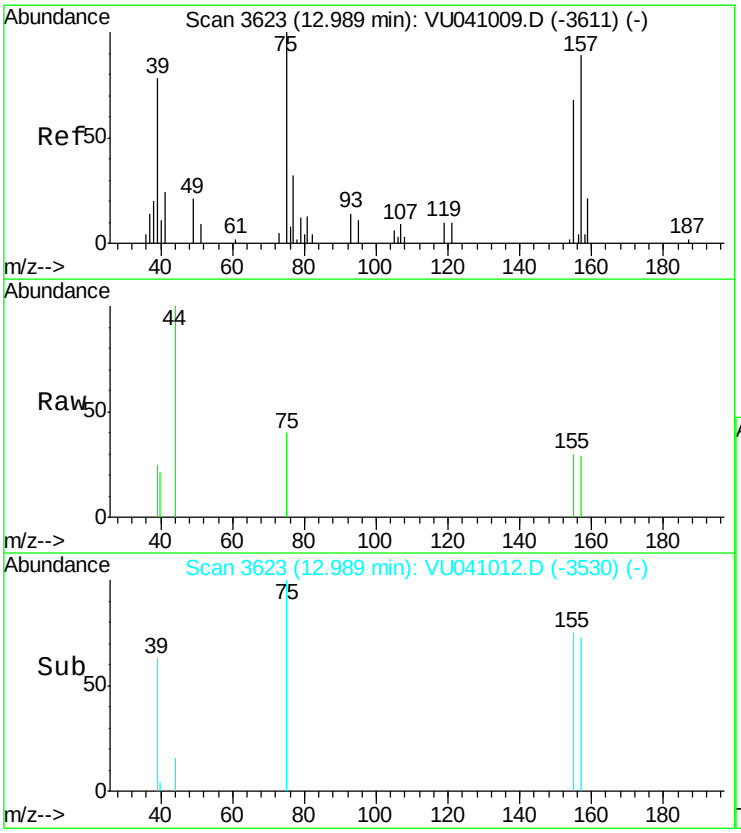
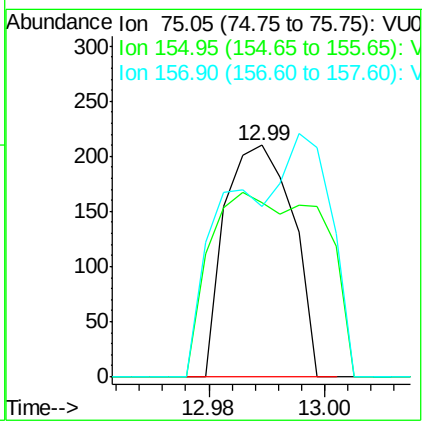


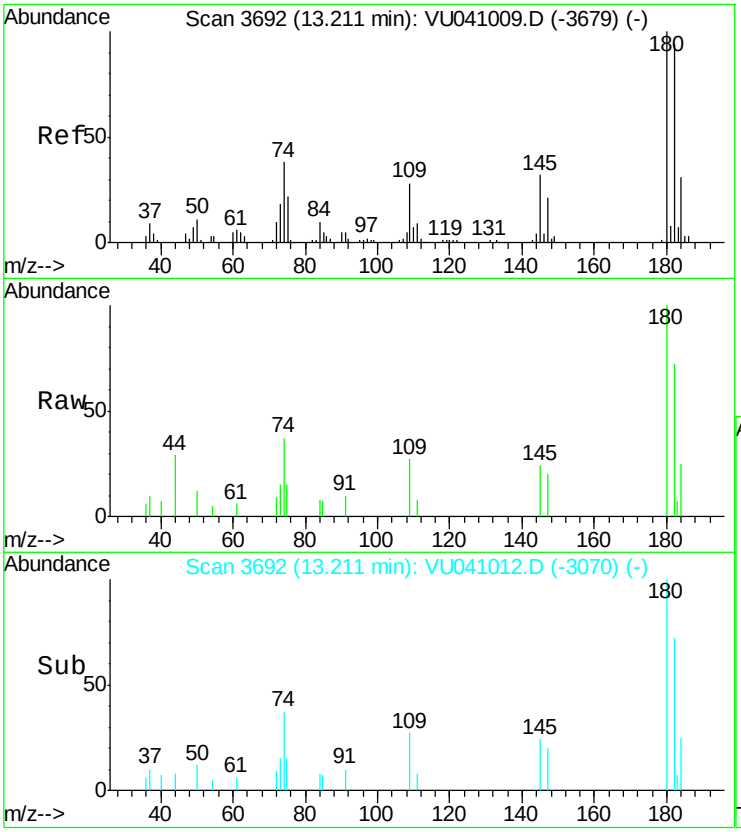


#68
1,2-Dibromo-3-chloropropane
Concen: 0.123 ug/L
RT: 12.99 min Scan# 3623
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion: 75 Resp: 169

Ion	Ratio	Lower	Upper
75	100		
155	75.2	60.2	90.2
157	73.3	74.4	111.6#

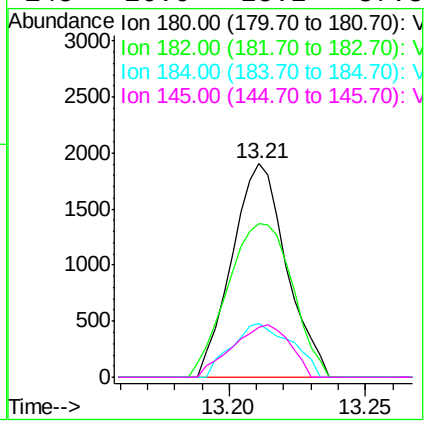




#69
1,3,5-Trichlorobenzene
Concen: 0.268 ug/L
RT: 13.21 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:180 Resp: 2630

Ion	Ratio	Lower	Upper
180	100		
182	85.8	76.9	115.3
184	27.6	23.8	35.8
145	26.0	25.2	37.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

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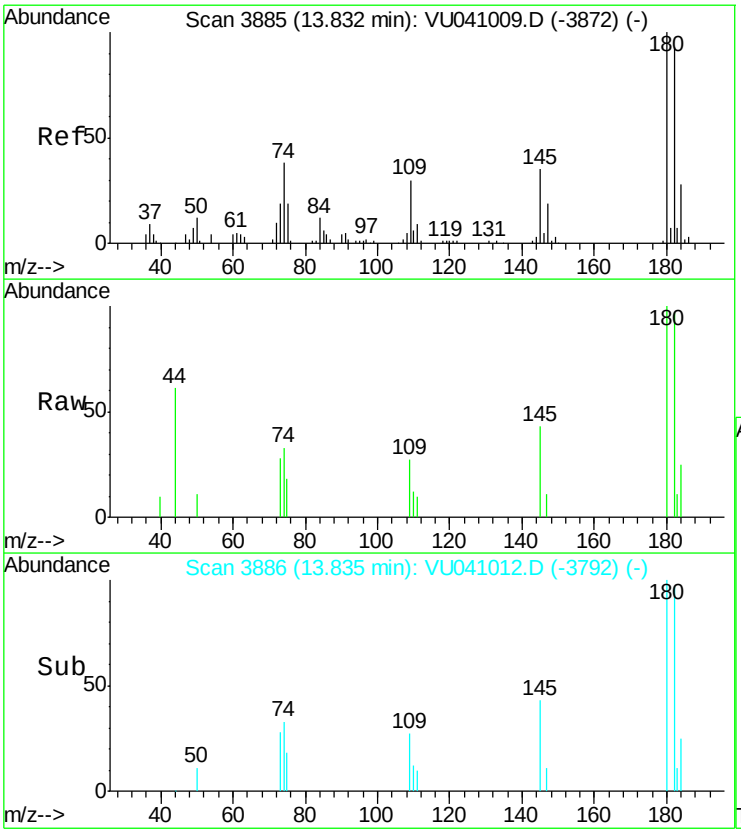
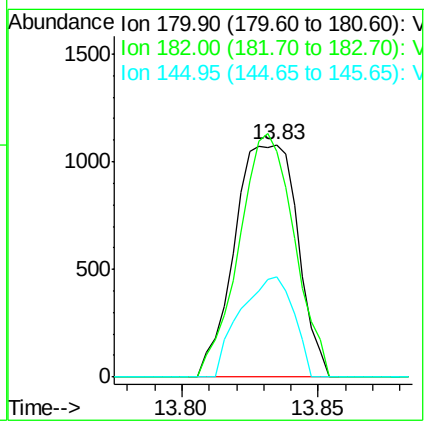
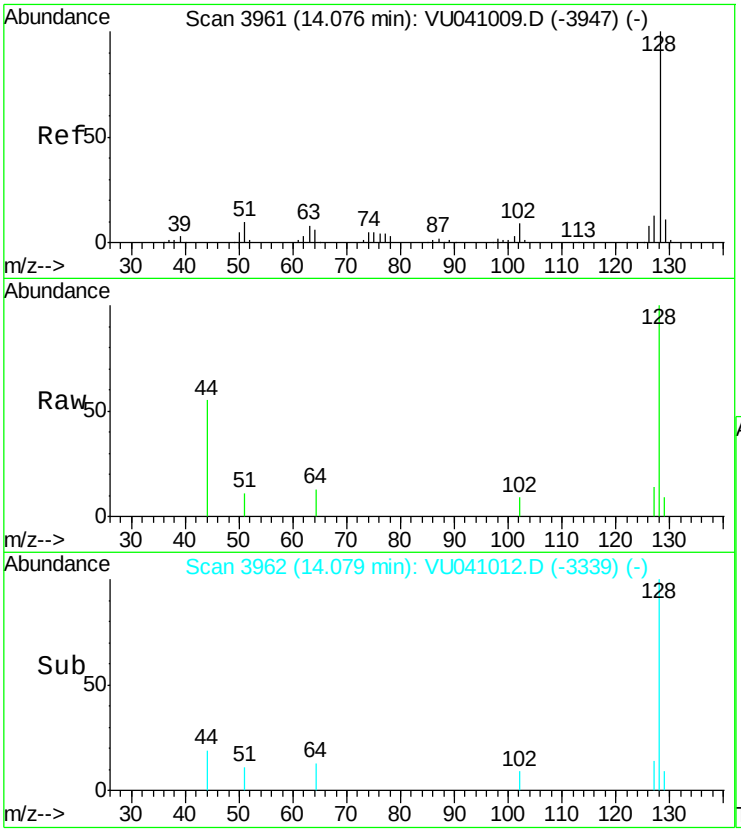


#70
1,2,4-trichlorobenzene
Concen: 0.209 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:180 Resp: 1733

Ion	Ratio	Lower	Upper
180	100		
182	91.7	74.5	111.7
145	36.6	26.6	39.8

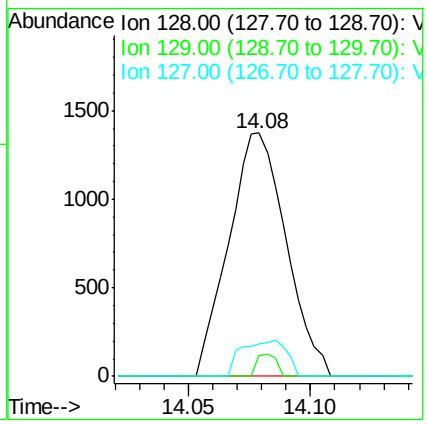




#71
Naphthalene
Concen: 0.154 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

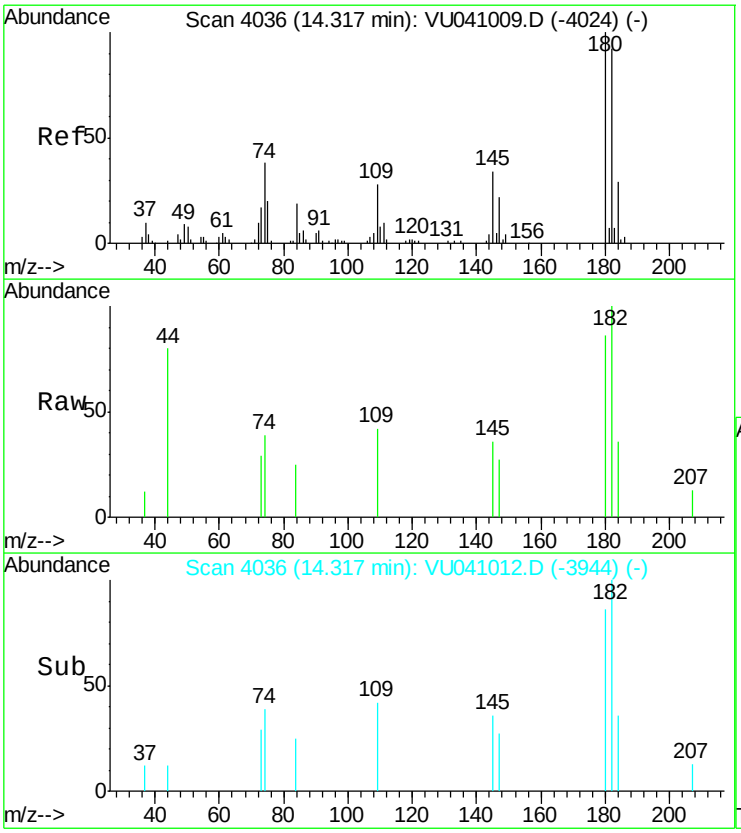
Tgt Ion:128 Resp: 2238

Ion	Ratio	Lower	Upper
128	100		
129	3.0	8.8	13.2#
127	11.6	11.2	16.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-06

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:59:29 PM



#72
1,2,3-Trichlorobenzene
Concen: 0.181 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU041012.D
Acq: 29 Oct 2020 12:08

Tgt Ion:180 Resp: 1402

Ion	Ratio	Lower	Upper
180	100		
182	103.9	76.7	115.1
145	26.4	27.4	41.0#