

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047118.D
 Acq On : 11 Feb 2022 16:24
 Operator : SY/MD
 Sample : N1462-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M21

Quant Time: Feb 12 01:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

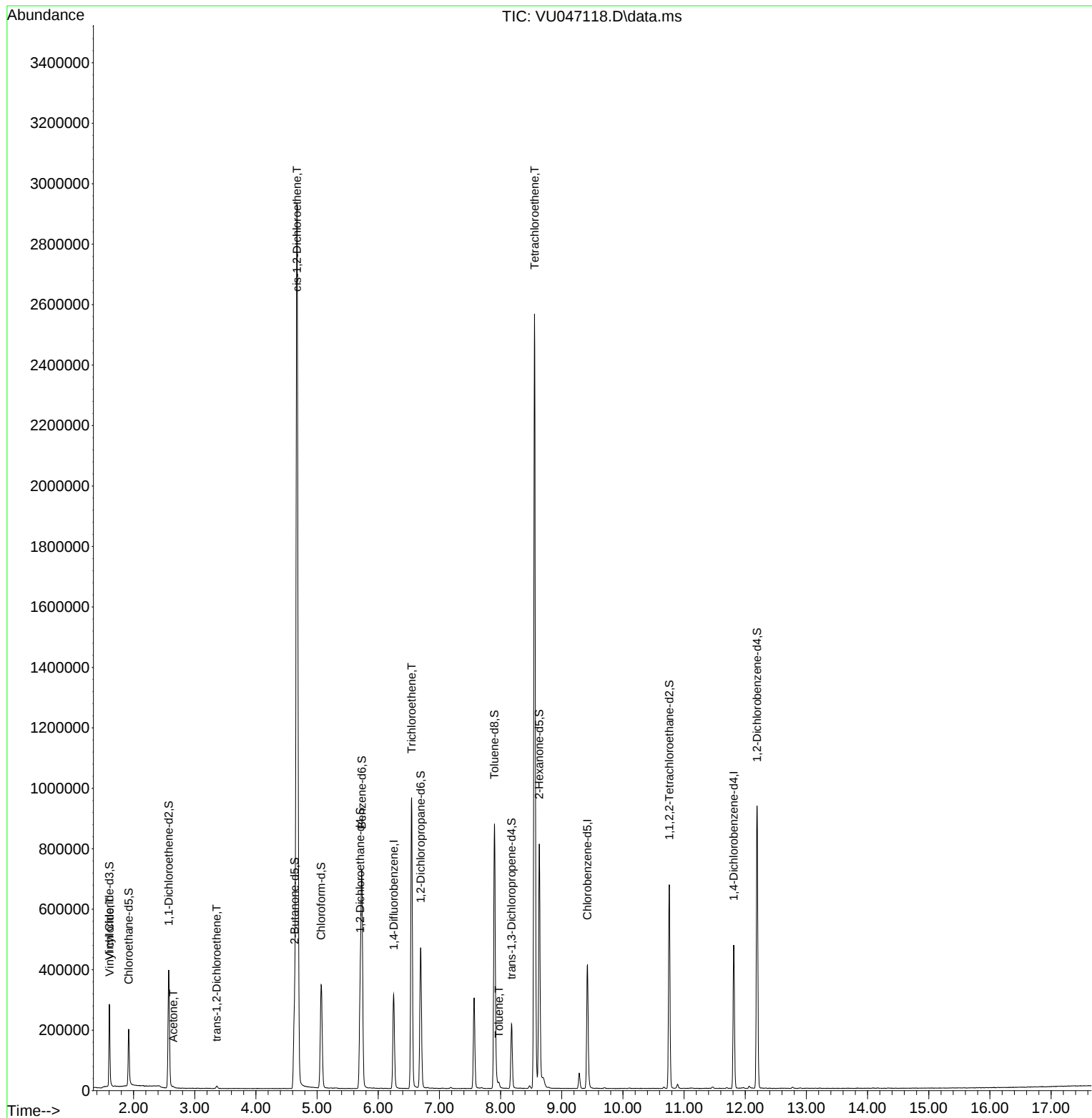
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260400	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	244118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	169388	71.624	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 143.240%#		
7) Chloroethane-d5	1.919	69	142584	81.330	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 162.660%#		
11) 1,1-Dichloroethene-d2	2.575	63	231819	59.151	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 118.300%		
21) 2-Butanone-d5	4.632	46	404764	220.681	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 220.680%#		
24) Chloroform-d	5.066	84	318423	82.937	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 165.880%#		
26) 1,2-Dichloroethane-d4	5.703	65	218080	88.497	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 177.000%#		
32) Benzene-d6	5.732	84	674101	83.060	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 166.120%#		
36) 1,2-Dichloropropane-d6	6.693	67	224880	85.443	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 170.880%#		
41) Toluene-d8	7.899	98	630407	81.582	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 163.160%#		
43) trans-1,3-Dichloroprop...	8.179	79	116169	84.225	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 168.460%#		
47) 2-Hexanone-d5	8.632	63	294125	195.066	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 195.070%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	336887	87.784	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 175.560%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	252399	82.260	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 164.520%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	39548	16.345	ug/L	97
13) Acetone	2.649	43	6530	4.887	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	3488	1.961	ug/L	91
20) cis-1,2-Dichloroethene	4.671	96	1507232	765.932	ug/L	92
34) Trichloroethene	6.546	95	325729	164.690	ug/L	99
42) Toluene	7.973	91	11421	1.366	ug/L	98
46) Tetrachloroethene	8.555	164	599572	376.843	ug/L	97

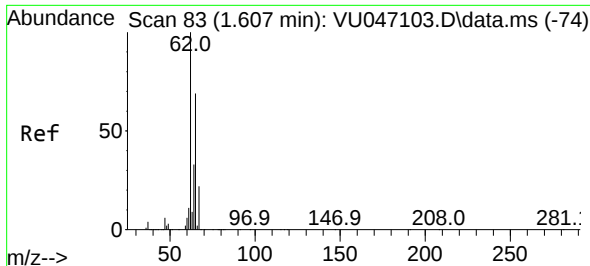
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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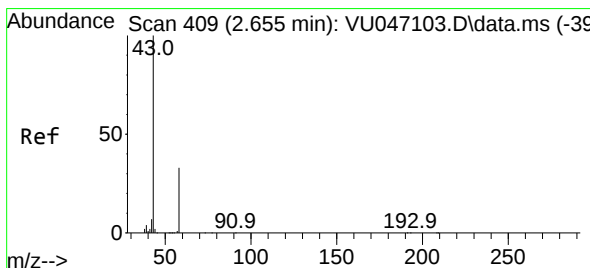
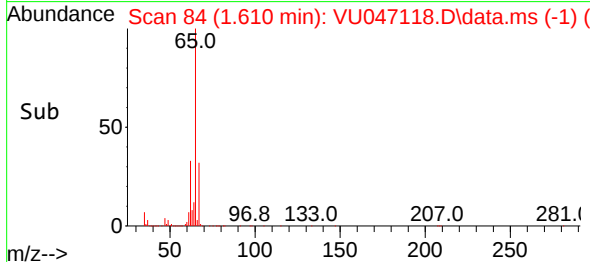
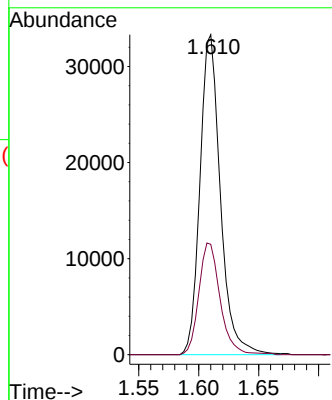
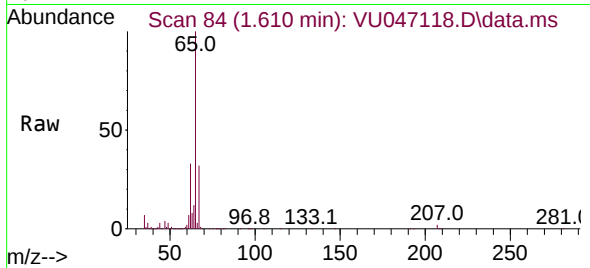




#5
 Vinyl chloride
 Concen: 16.345 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

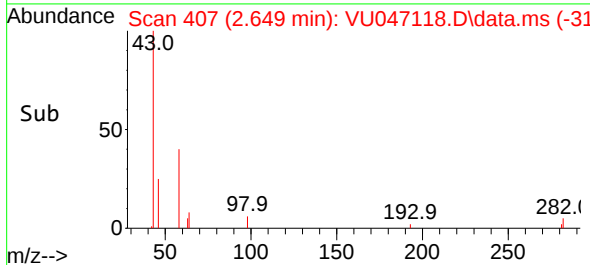
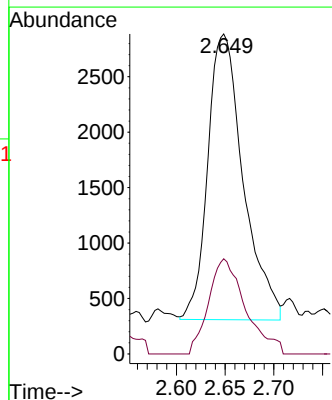
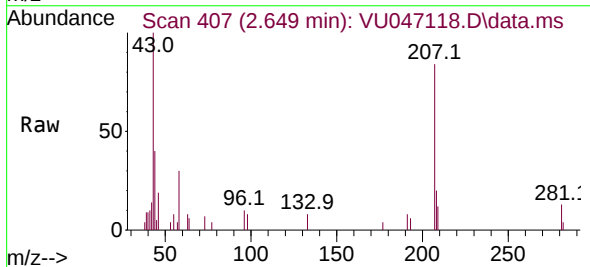
Instrument :
 MSVOA_U
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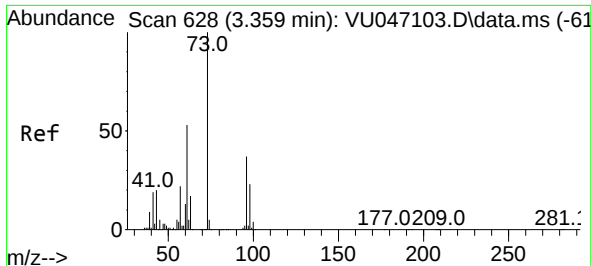
Tgt Ion: 62 Resp: 39548
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.1 42.9



#13
 Acetone
 Concen: 4.887 ug/L
 RT: 2.649 min Scan# 407
 Delta R.T. -0.007 min
 Lab File: VU047118.D
 Acq: 11 Feb 2022 16:24

Tgt Ion: 43 Resp: 6530
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 71.0

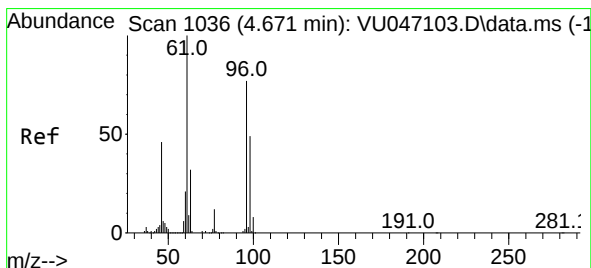
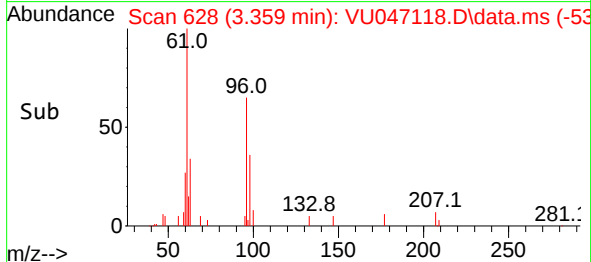
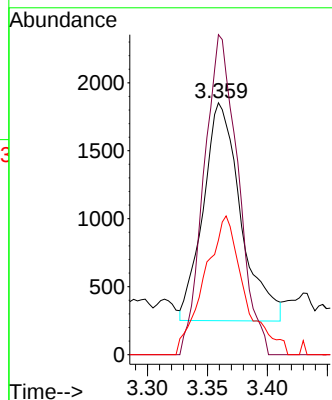
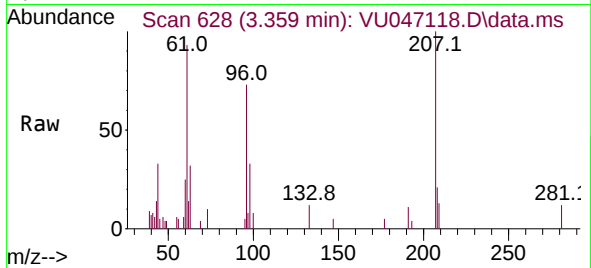




#17
trans-1,2-Dichloroethene
Concen: 1.961 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

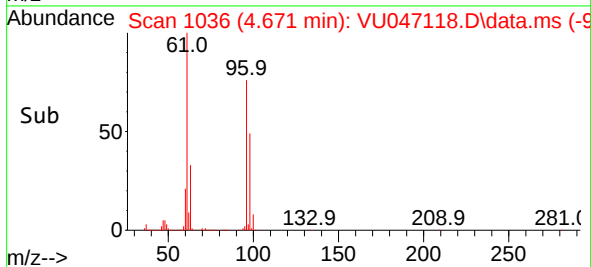
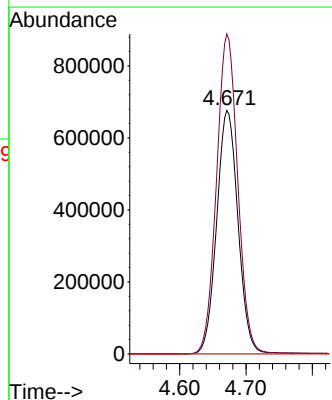
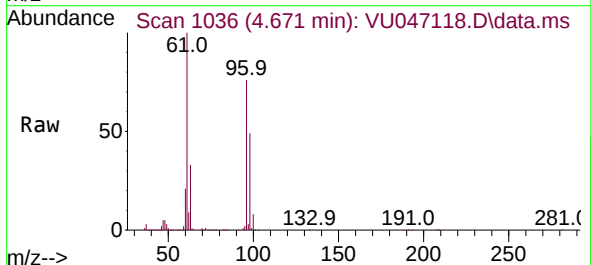
Instrument :
MSVOA_U
ClientSampleId :
F4M21

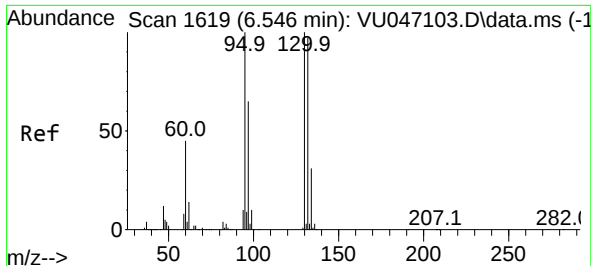
Tgt Ion: 96 Resp: 3488
Ion Ratio Lower Upper
96 100
61 127.0 92.5 171.9
98 45.5 42.4 78.6



#20
cis-1,2-Dichloroethene
Concen: 765.932 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

Tgt Ion: 96 Resp: 1507232
Ion Ratio Lower Upper
96 100
61 131.4 86.0 159.6
68 0.0 0.0 0.0

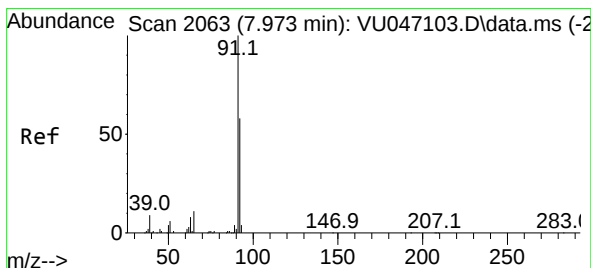
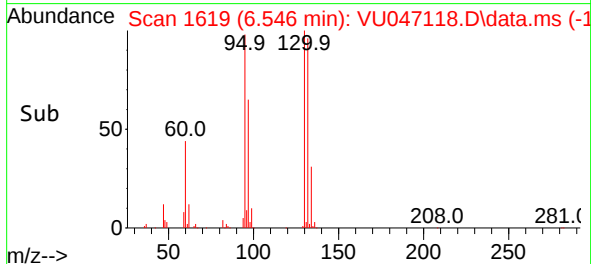
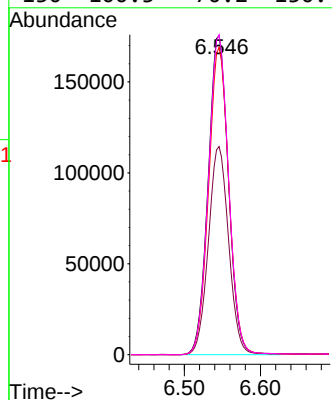
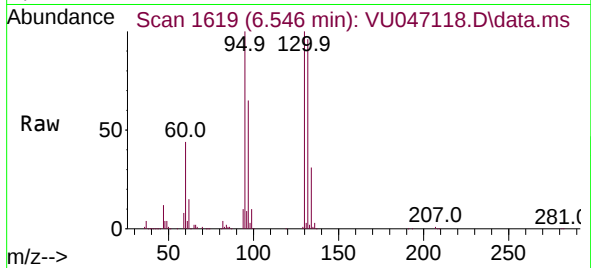




#34
Trichloroethene
Concen: 164.690 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

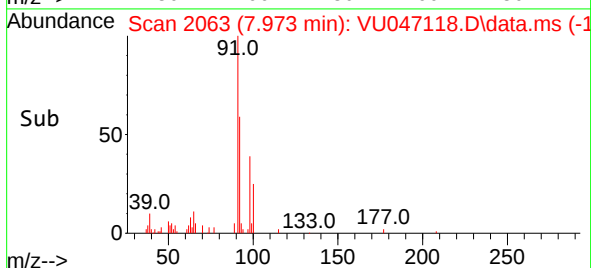
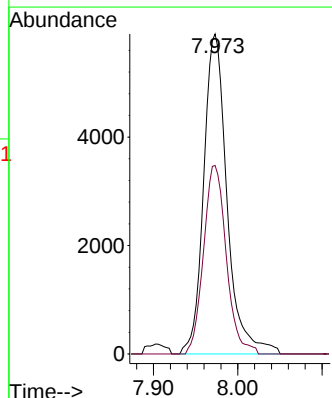
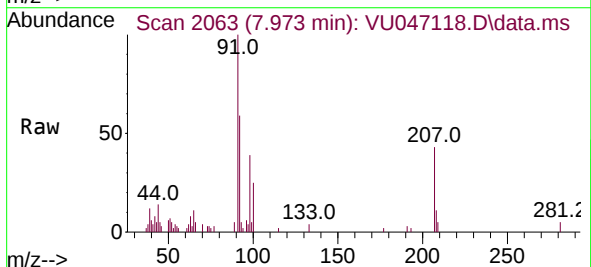
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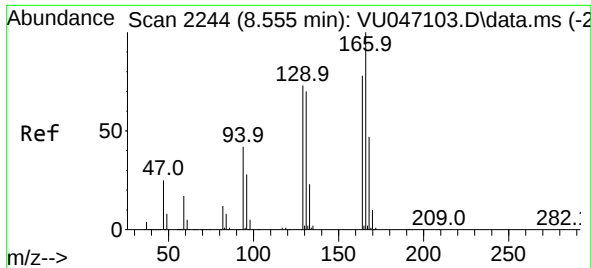
Tgt Ion: 95 Resp: 325729
Ion Ratio Lower Upper
95 100
97 65.3 45.1 83.7
132 96.4 66.7 123.9
130 100.3 70.2 130.4



#42
Toluene
Concen: 1.366 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047118.D
Acq: 11 Feb 2022 16:24

Tgt Ion: 91 Resp: 11421
Ion Ratio Lower Upper
91 100
92 58.9 40.4 75.0





#46
 Tetrachloroethene
 Concen: 376.843 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047118.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 F4M21

Tgt Ion:164 Resp: 599572
 Ion Ratio Lower Upper
 164 100
 129 95.4 69.5 129.1
 131 92.0 67.0 124.4
 166 126.7 90.6 168.2

