

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050079.D
 Acq On : 04 Aug 2022 22:36
 Operator : SY/MD
 Sample : N4027-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJG7

Quant Time: Aug 05 04:57:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

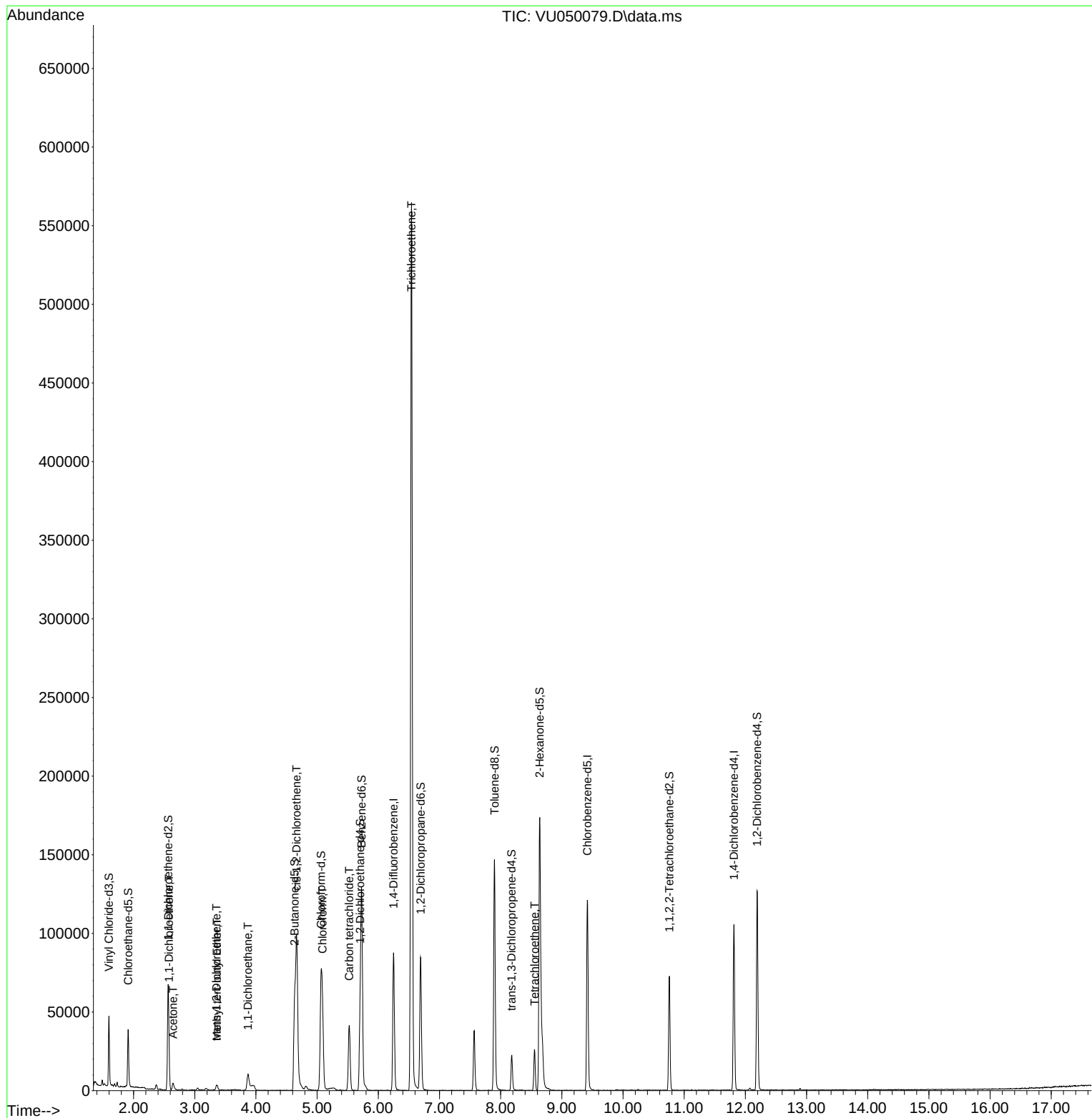
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	72302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31070	5.128	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.912	69	26089	5.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.800%		
11) 1,1-Dichloroethene-d2	2.565	65	12179	5.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.800%		
20) 2-Butanone-d5	4.633	46	96453	65.279	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 130.560##		
24) Chloroform-d	5.063	84	63844	5.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.200%		
26) 1,2-Dichloroethane-d4	5.703	65	33512	5.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.800%		
32) Benzene-d6	5.729	84	123737	5.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
36) 1,2-Dichloropropane-d6	6.694	67	43358	5.836	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.800%		
41) Toluene-d8	7.899	98	102611	5.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
43) trans-1,3-Dichloroprop...	8.179	79	14214	5.339	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.800%		
46) 2-Hexanone-d5	8.636	63	57034	60.406	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 120.820%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37931	5.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 116.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	35296	6.154	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.000##		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	2637	0.524	ug/L #	1
13) Acetone	2.646	43	7275	8.841	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	2636	0.201	ug/L #	83
18) trans-1,2-Dichloroethene	3.353	96	684	0.121	ug/L	91
19) 1,1-Dichloroethane	3.867	63	10787	1.011	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	43767	6.998	ug/L	98
25) Chloroform	5.089	83	41200	3.622	ug/L	98
31) Carbon tetrachloride	5.523	117	28549	3.927	ug/L	99
34) Trichloroethene	6.543	95	203093	33.149	ug/L	99
47) Tetrachloroethene	8.555	164	6016	1.370	ug/L	94

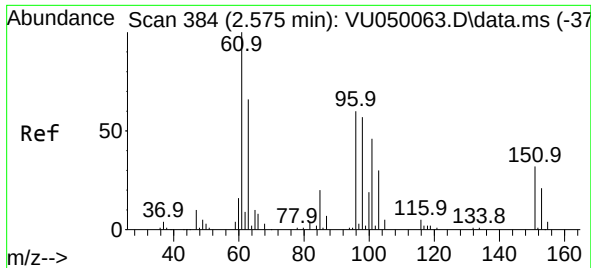
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.524 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050079.D

Acq: 04 Aug 2022 22:36

Instrument :

MSVOA_U

ClientSampleId :

GBJG7

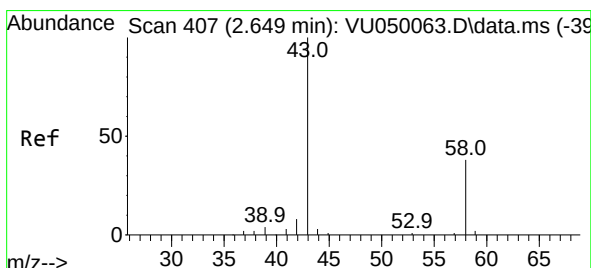
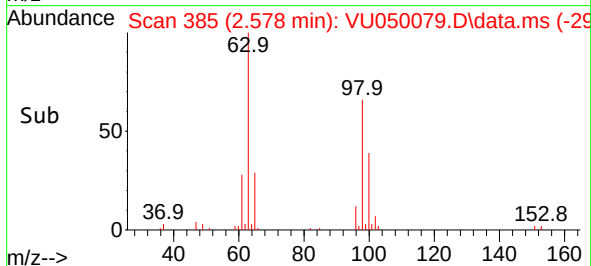
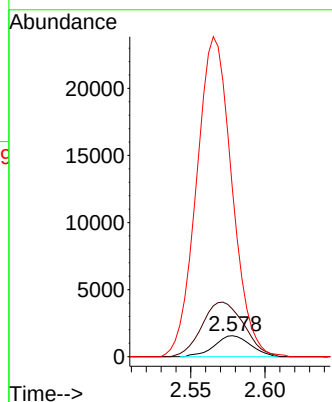
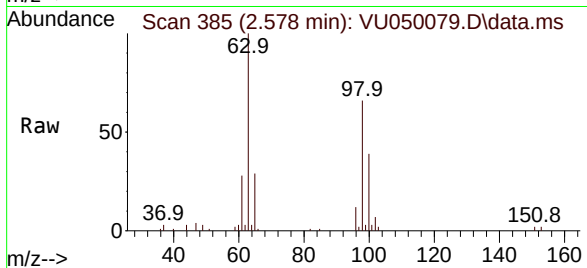
Tgt Ion: 96 Resp: 2637

Ion Ratio Lower Upper

96 100

61 227.5 122.7 227.9

63 801.6 85.1 158.1#



#13

Acetone

Concen: 8.841 ug/L

RT: 2.646 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU050079.D

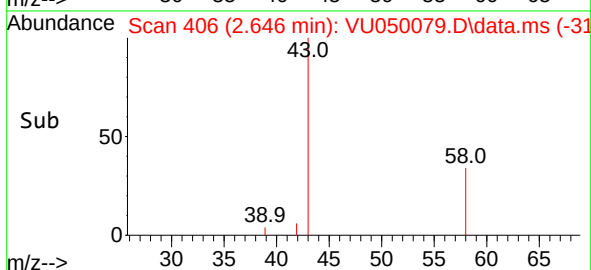
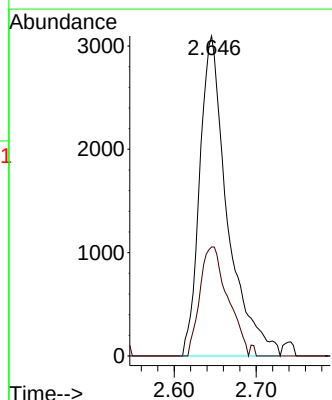
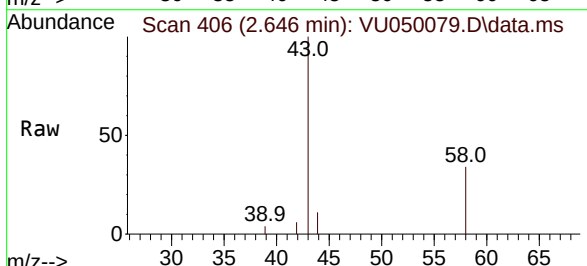
Acq: 04 Aug 2022 22:36

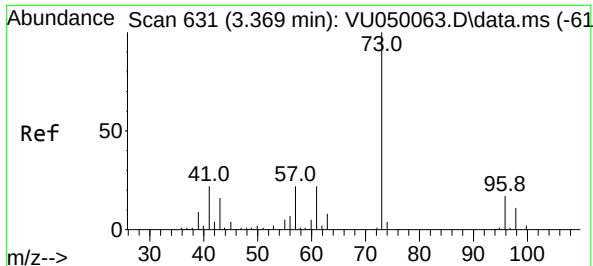
Tgt Ion: 43 Resp: 7275

Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.0





#17

Methyl tert-butyl Ether

Concen: 0.201 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU050079.D

Acq: 04 Aug 2022 22:36

Instrument :

MSVOA_U

ClientSampleId :

GBJG7

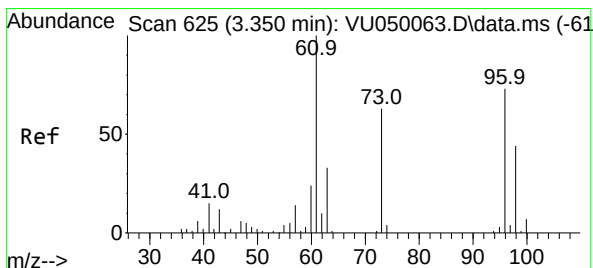
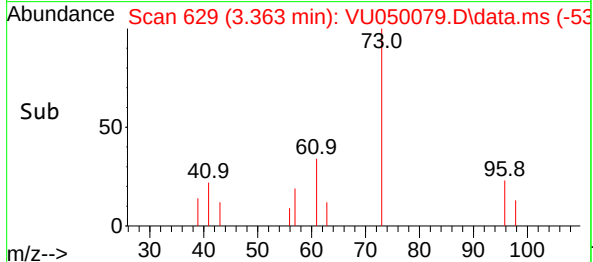
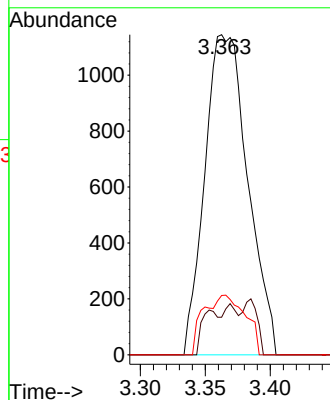
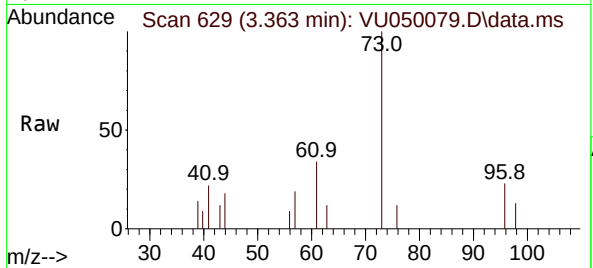
Tgt Ion: 73 Resp: 2636

Ion Ratio Lower Upper

73 100

43 4.7 13.5 20.3#

57 18.2 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU050079.D

Acq: 04 Aug 2022 22:36

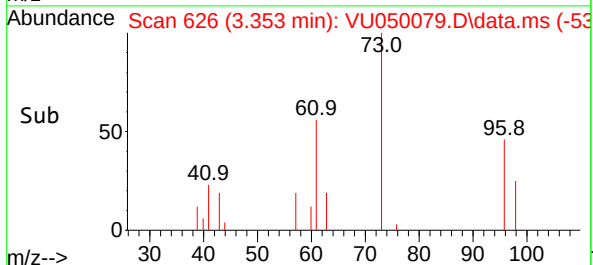
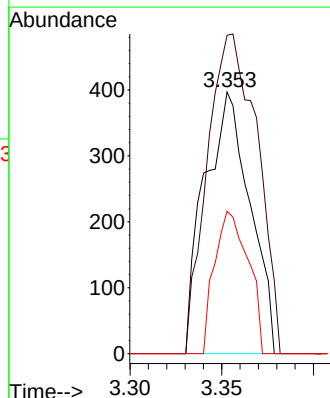
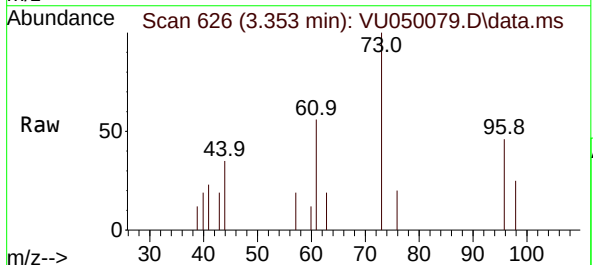
Tgt Ion: 96 Resp: 684

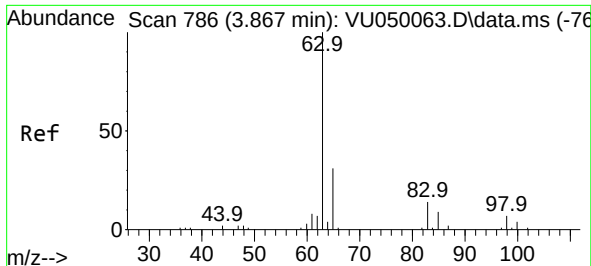
Ion Ratio Lower Upper

96 100

61 121.7 92.3 171.5

98 54.4 43.2 80.2

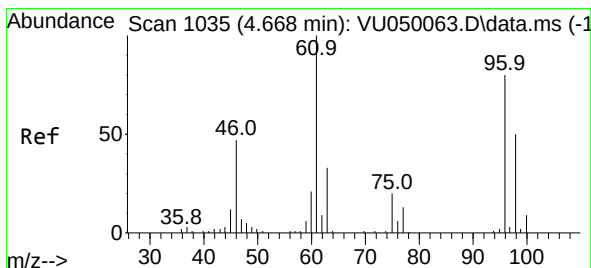
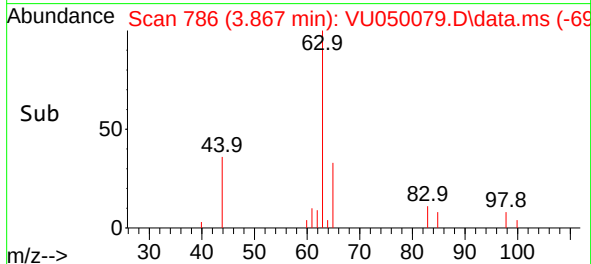
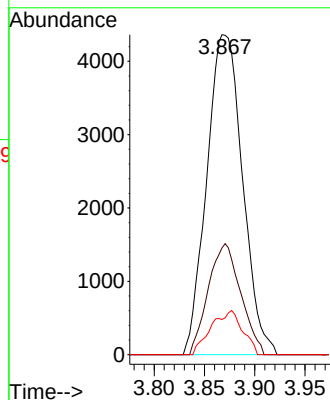
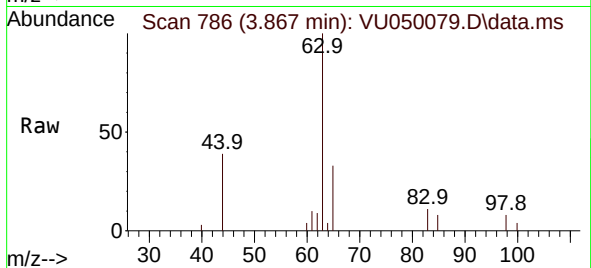




#19
1,1-Dichloroethane
Concen: 1.011 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU050079.D
Acq: 04 Aug 2022 22:36

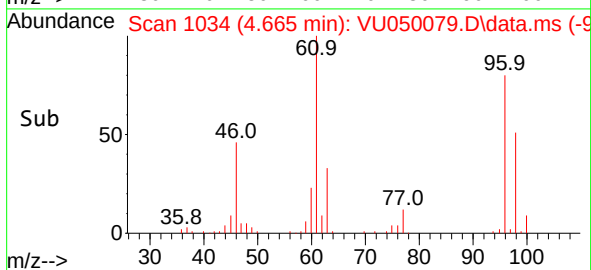
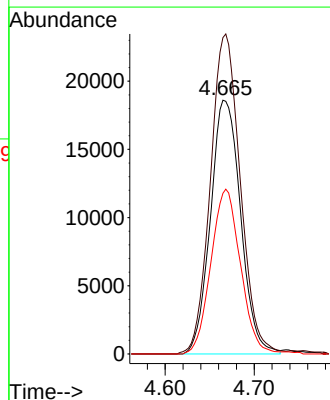
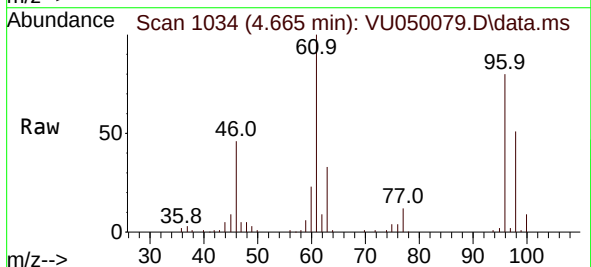
Instrument :
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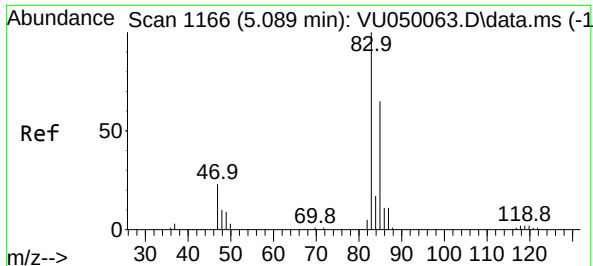
Tgt Ion:	63	Resp:	10787
Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.7	42.3
83	11.0	9.8	18.2



#22
cis-1,2-Dichloroethene
Concen: 6.998 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050079.D
Acq: 04 Aug 2022 22:36

Tgt Ion:	96	Resp:	43767
Ion	Ratio	Lower	Upper
96	100		
61	124.7	89.0	165.4
98	63.3	45.2	84.0





#25

Chloroform

Concen: 3.622 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050079.D

Acq: 04 Aug 2022 22:36

Instrument :

MSVOA_U

ClientSampleId :

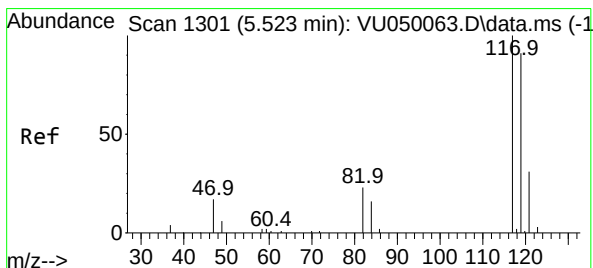
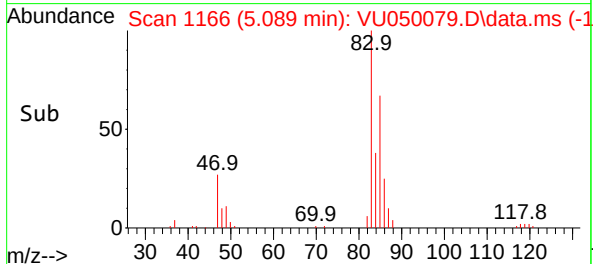
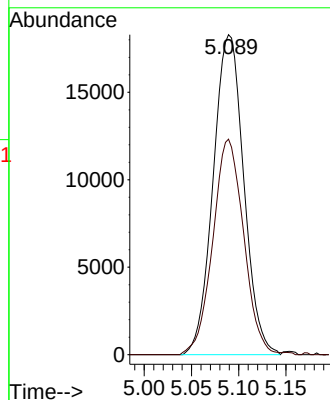
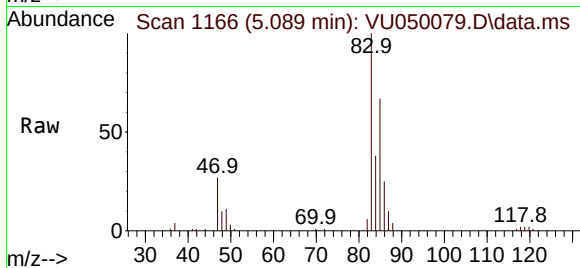
GBJG7

Tgt Ion: 83 Resp: 41200

Ion Ratio Lower Upper

83 100

85 67.4 46.1 85.5



#31

Carbon tetrachloride

Concen: 3.927 ug/L

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050079.D

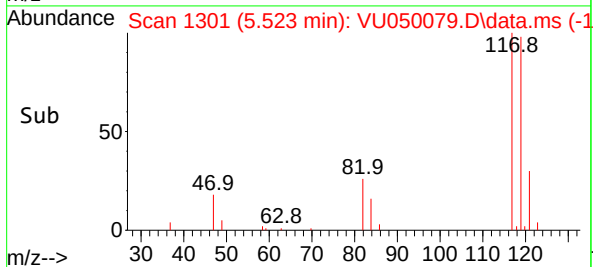
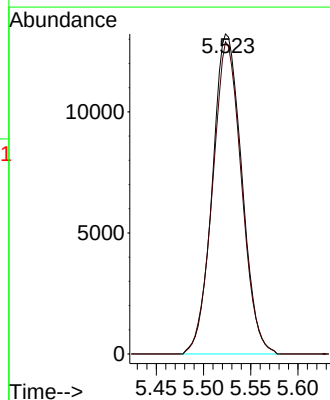
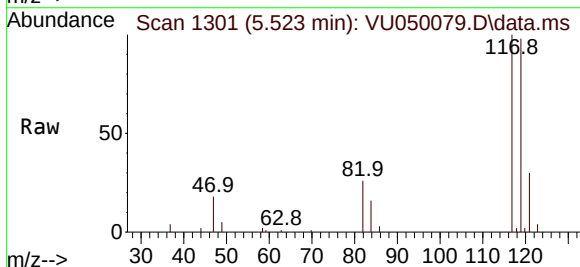
Acq: 04 Aug 2022 22:36

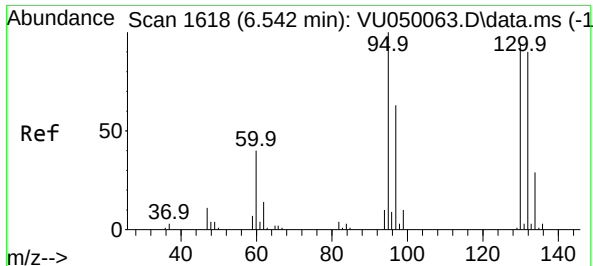
Tgt Ion: 117 Resp: 28549

Ion Ratio Lower Upper

117 100

119 96.0 76.0 114.0

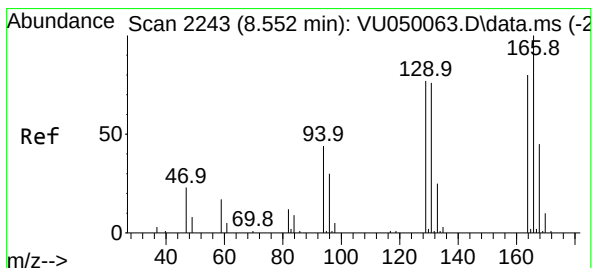
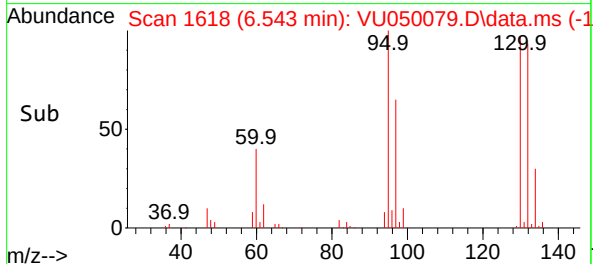
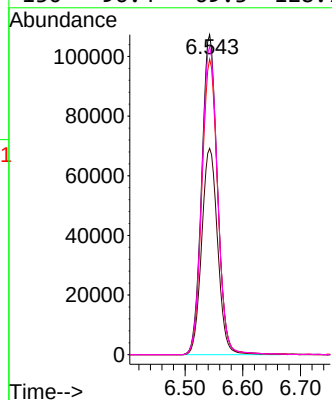
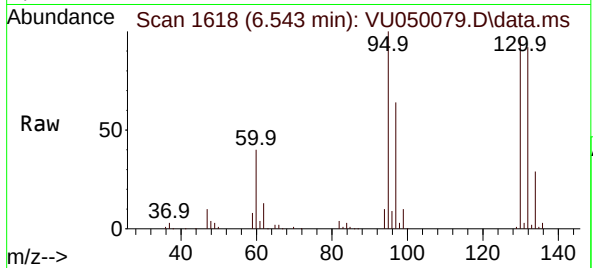




#34
Trichloroethene
Concen: 33.149 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
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ClientSampleId :
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Tgt Ion: 95 Resp: 203093
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 92.3 65.0 120.6
130 96.4 69.3 128.7



#47
Tetrachloroethene
Concen: 1.370 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050079.D
Acq: 04 Aug 2022 22:36

Tgt Ion: 164 Resp: 6016
Ion Ratio Lower Upper
164 100
129 90.2 69.0 128.1
131 85.4 65.8 122.2
166 120.2 86.1 159.9

