

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050069.D
 Acq On : 04 Aug 2022 18:31
 Operator : SY/MD
 Sample : N4022-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D40

Quant Time: Aug 05 04:54:41 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

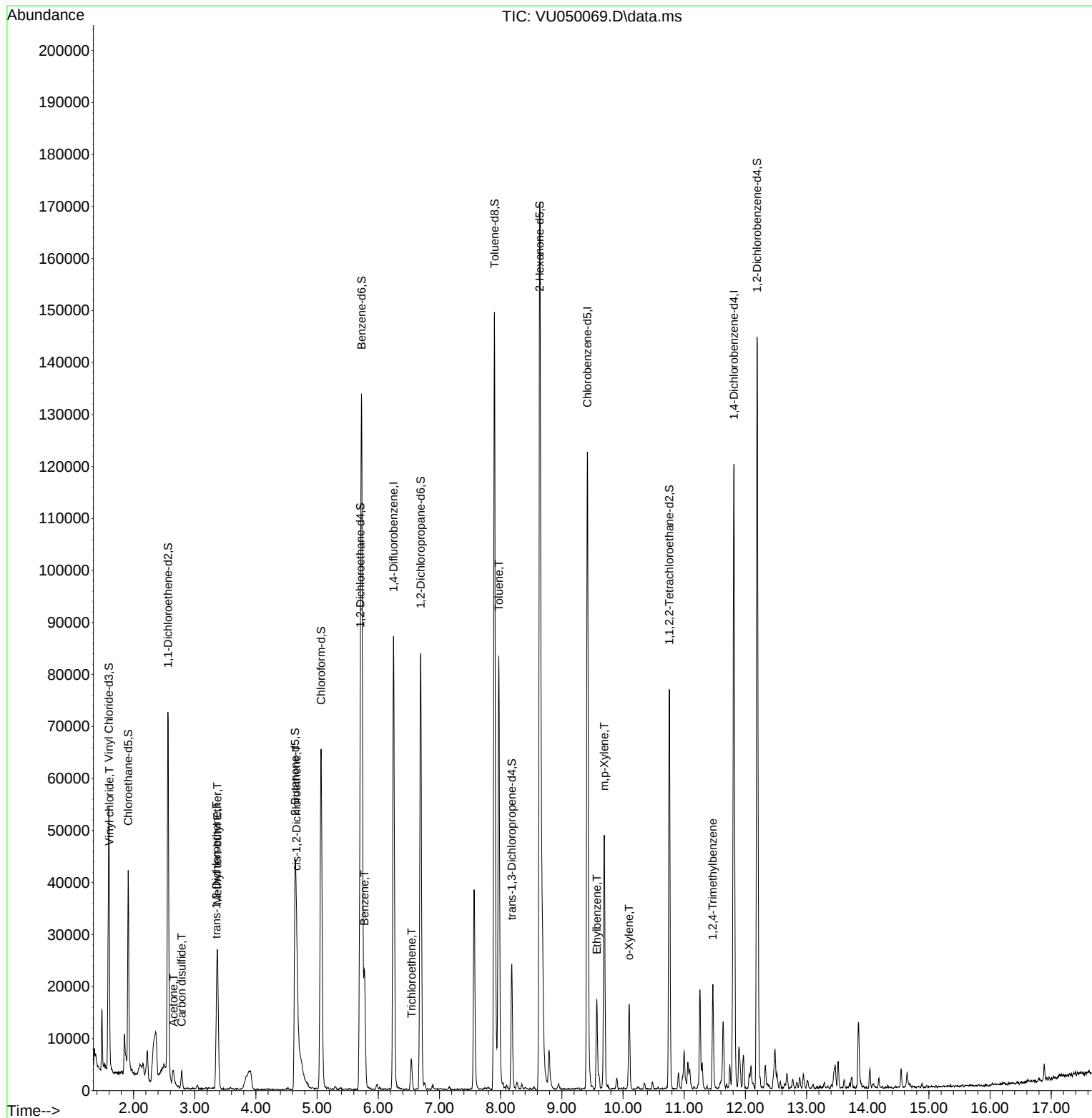
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72077	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32285	5.382	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.600%		
7) Chloroethane-d5	1.912	69	27341	5.650	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.562	65	12608	5.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.600%		
20) 2-Butanone-d5	4.642	46	92041	62.924	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 125.840%		
24) Chloroform-d	5.063	84	62425	5.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.000%		
26) 1,2-Dichloroethane-d4	5.707	65	33349	5.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.400%		
32) Benzene-d6	5.726	84	127220	5.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.400%		
36) 1,2-Dichloropropane-d6	6.694	67	43581	5.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.800%		
41) Toluene-d8	7.899	98	103135	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
43) trans-1,3-Dichloroprop...	8.182	79	14921	5.482	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.600%		
46) 2-Hexanone-d5	8.639	63	57557	59.628	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.260%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39130	5.866	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 117.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	38787	6.095	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 121.800%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3844	0.496	ug/L	86
13) Acetone	2.652	43	3512	4.311	ug/L	88
14) Carbon disulfide	2.787	76	3865	0.217	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	27627	2.125	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	1307	0.234	ug/L	76
22) cis-1,2-Dichloroethene	4.665	96	3549	0.573	ug/L	93
33) Benzene	5.774	78	22439	0.866	ug/L	100
34) Trichloroethene	6.546	95	1769	0.282	ug/L	93
42) Toluene	7.970	91	63582	2.448	ug/L	98
52) Ethylbenzene	9.571	91	12390	0.489	ug/L	100
53) m,p-Xylene	9.693	106	14182	1.519	ug/L	93
54) o-Xylene	10.099	106	4460	0.479	ug/L	87
63) 1,2,4-Trimethylbenzene	11.468	105	10305	0.617	ug/L	100

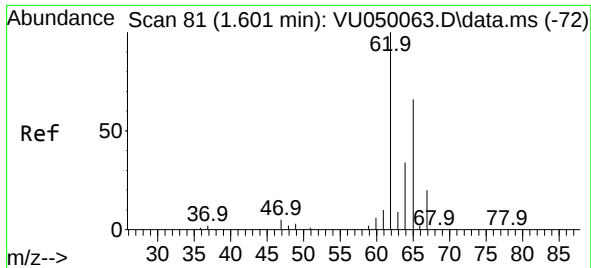
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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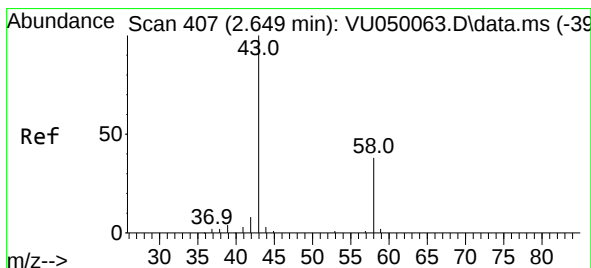
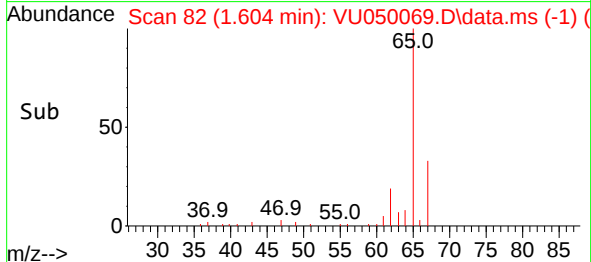
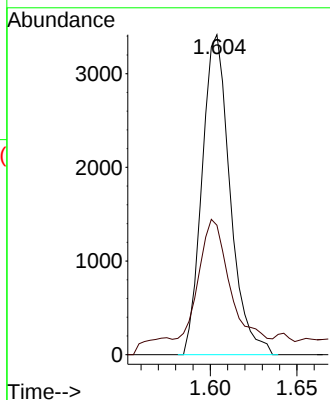
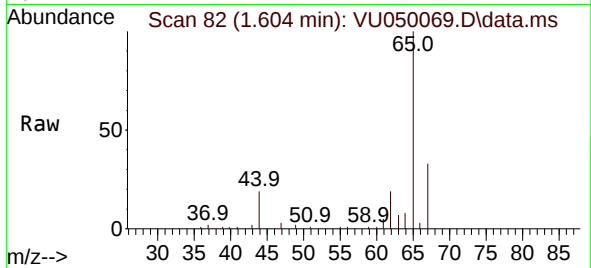




#5
 Vinyl chloride
 Concen: 0.496 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050069.D
 Acq: 04 Aug 2022 18:31

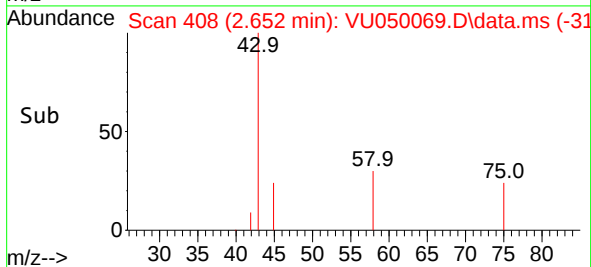
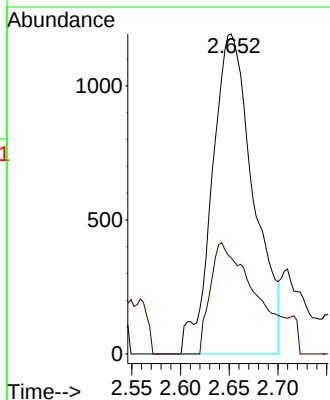
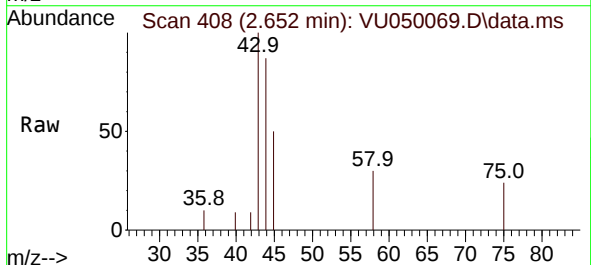
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 ClientSampleId :
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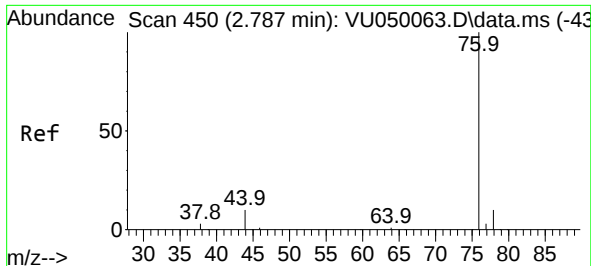
Tgt Ion: 62 Resp: 3844
 Ion Ratio Lower Upper
 62 100
 64 40.5 22.8 42.4



#13
 Acetone
 Concen: 4.311 ug/L
 RT: 2.652 min Scan# 408
 Delta R.T. 0.003 min
 Lab File: VU050069.D
 Acq: 04 Aug 2022 18:31

Tgt Ion: 43 Resp: 3512
 Ion Ratio Lower Upper
 43 100
 58 38.5 0.0 64.0

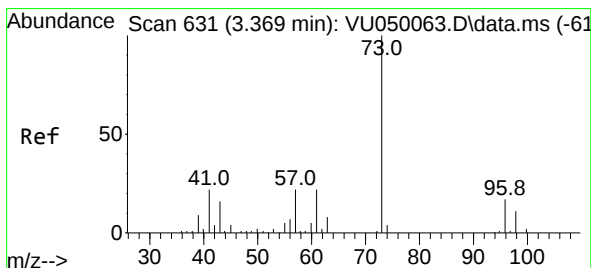
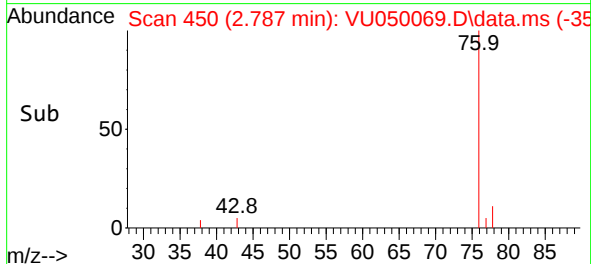
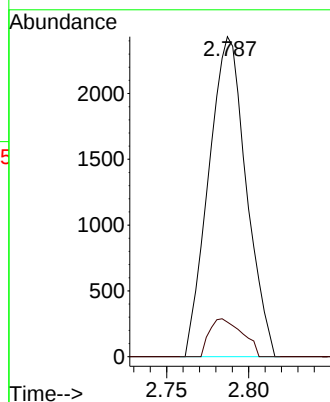
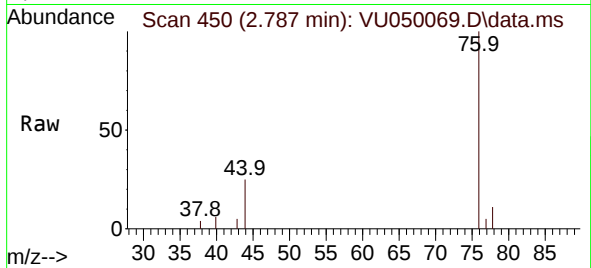




#14
Carbon disulfide
Concen: 0.217 ug/L
RT: 2.787 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

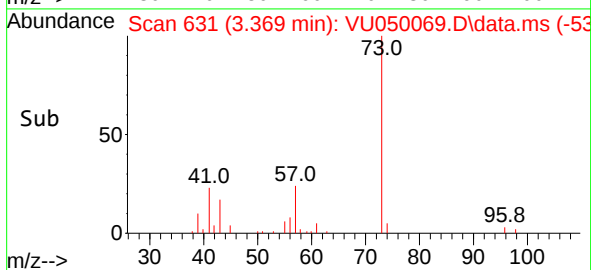
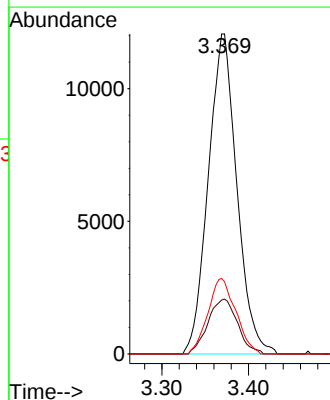
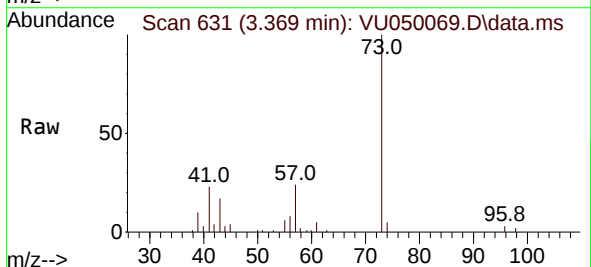
Instrument :
MSVOA_U
ClientSampleId :
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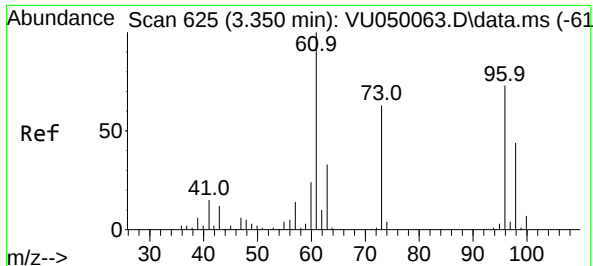
Tgt Ion: 76 Resp: 3865
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 2.125 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

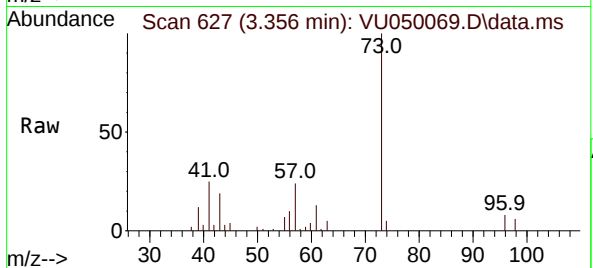
Tgt Ion: 73 Resp: 27627
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 23.0 17.4 26.2



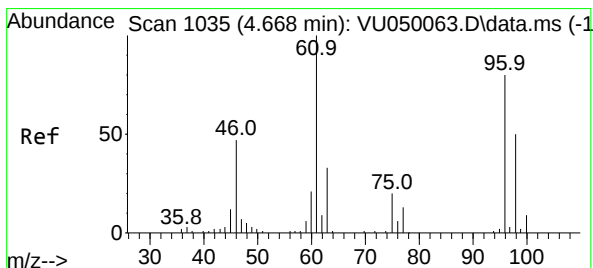
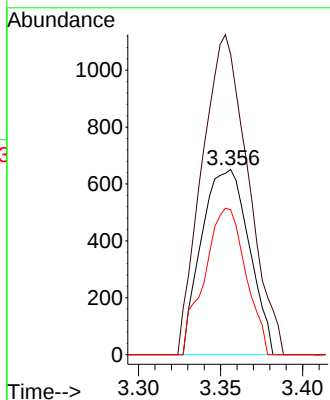
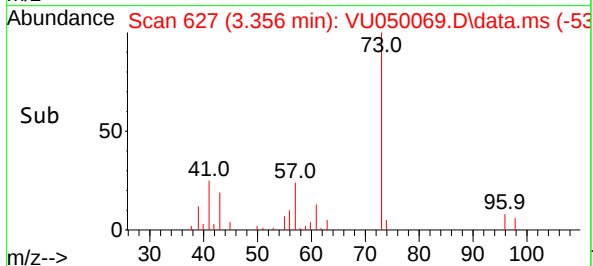


#18
trans-1,2-Dichloroethene
Concen: 0.234 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
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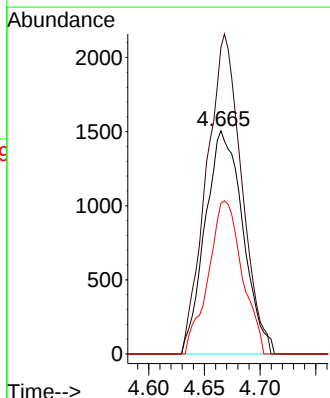
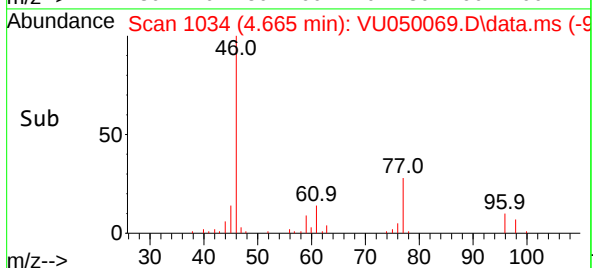
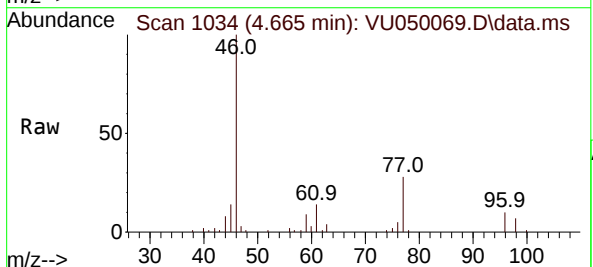


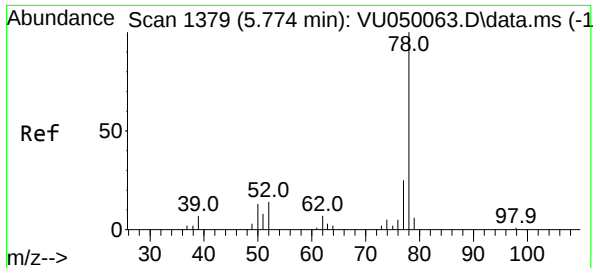
Tgt Ion: 96 Resp: 1307
Ion Ratio Lower Upper
96 100
61 162.1 92.3 171.5
98 78.2 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.573 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

Tgt Ion: 96 Resp: 3549
Ion Ratio Lower Upper
96 100
61 137.3 89.0 165.4
98 67.5 45.2 84.0

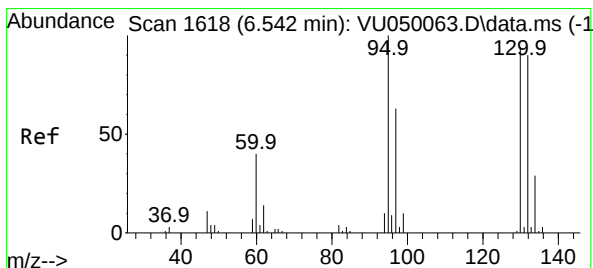
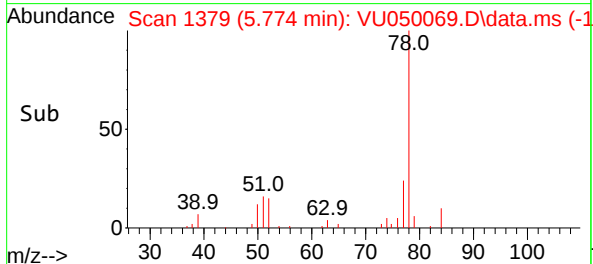
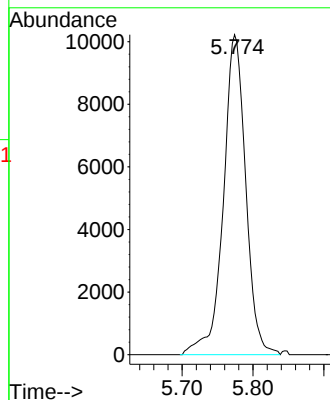
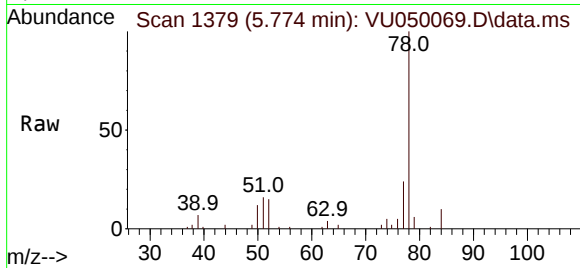




#33
Benzene
Concen: 0.866 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

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ClientSampleId :
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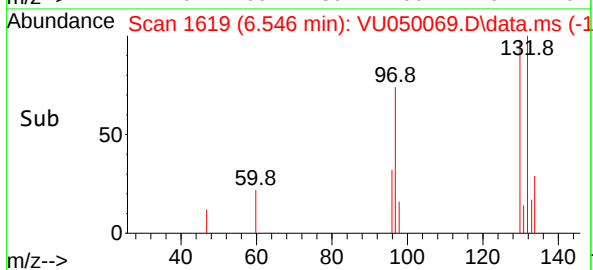
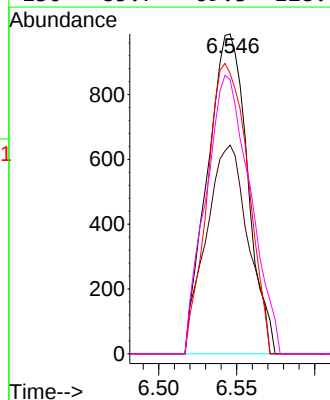
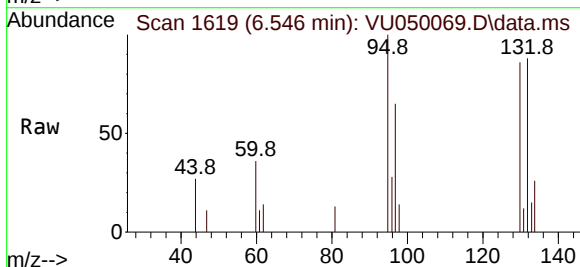
Tgt Ion: 78 Resp: 22439

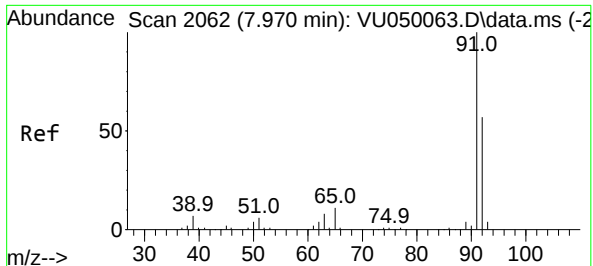


#34
Trichloroethene
Concen: 0.282 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

Tgt Ion: 95 Resp: 1769

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.8
132	87.6	65.0	120.6
130	85.7	69.3	128.7

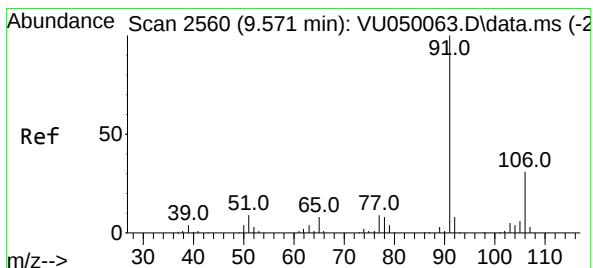
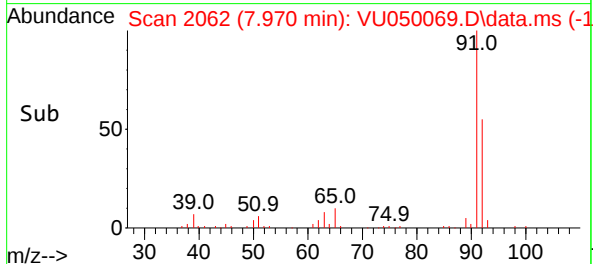
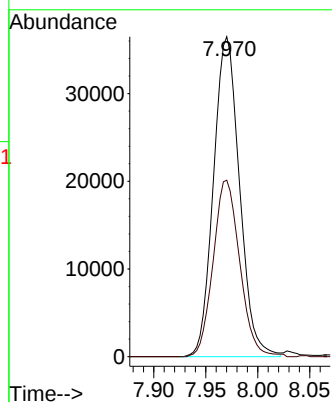
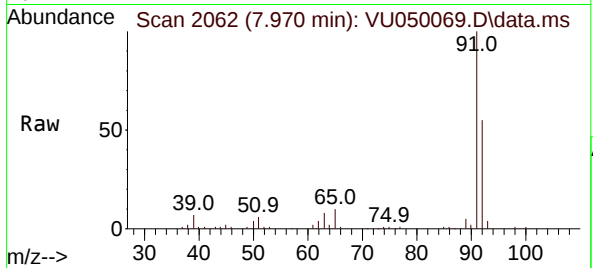




#42
Toluene
Concen: 2.448 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

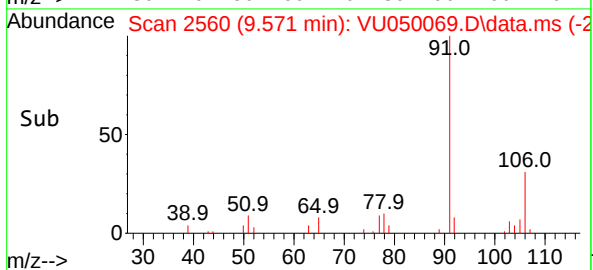
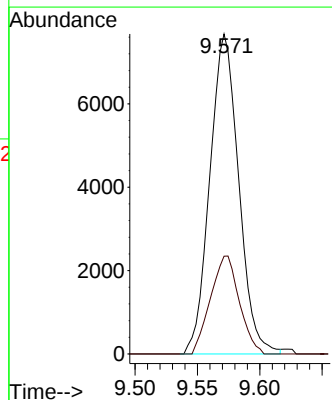
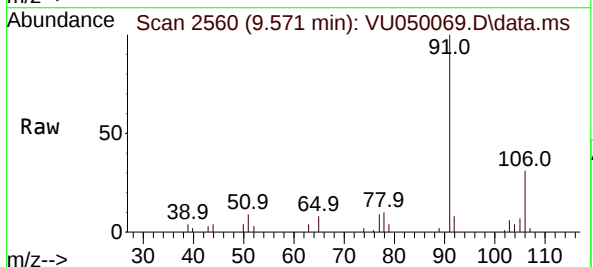
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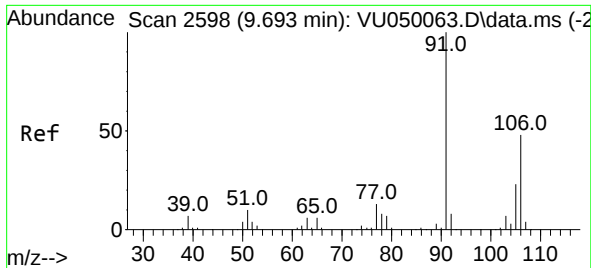
Tgt Ion: 91 Resp: 63582
Ion Ratio Lower Upper
91 100
92 55.1 39.8 74.0



#52
Ethylbenzene
Concen: 0.489 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

Tgt Ion: 91 Resp: 12390
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5

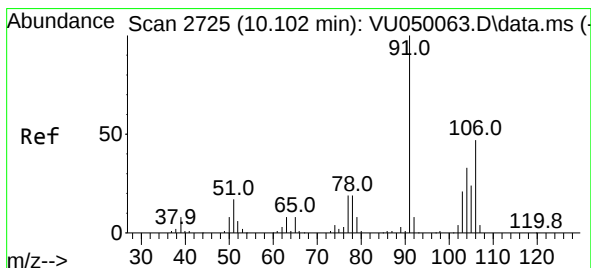
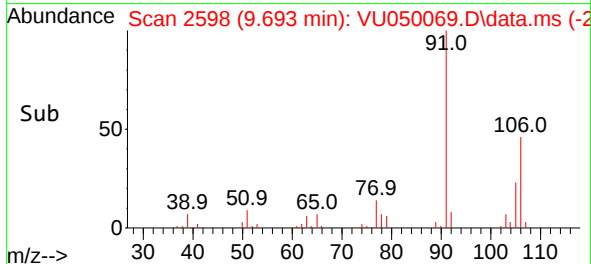
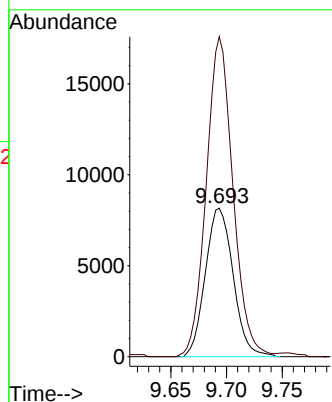
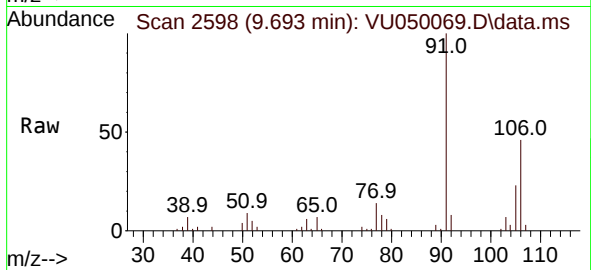




#53
m,p-Xylene
Concen: 1.519 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

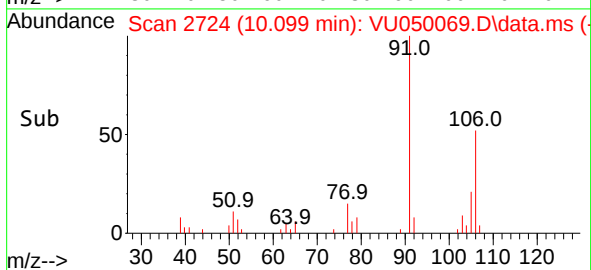
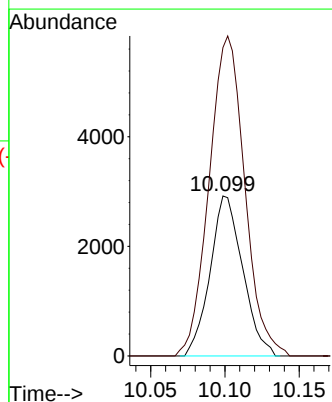
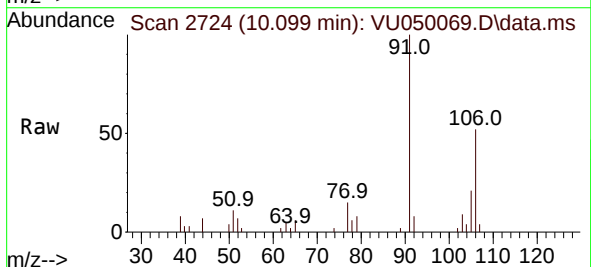
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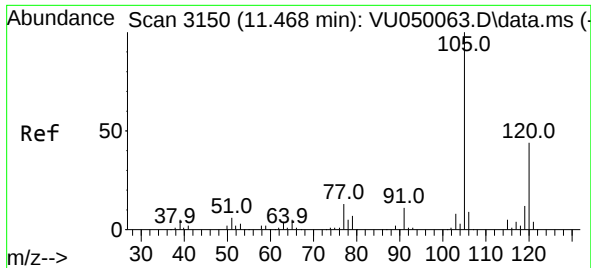
Tgt Ion:106 Resp: 14182
Ion Ratio Lower Upper
106 100
91 215.4 143.1 265.9



#54
o-Xylene
Concen: 0.479 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050069.D
Acq: 04 Aug 2022 18:31

Tgt Ion:106 Resp: 4460
Ion Ratio Lower Upper
106 100
91 192.6 149.4 277.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.617 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050069.D
 Acq: 04 Aug 2022 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D40

Tgt Ion:105 Resp: 10305
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.9 53.9

