

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050080.D
 Acq On : 04 Aug 2022 23:01
 Operator : SY/MD
 Sample : N4027-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJG8

Quant Time: Aug 05 04:58:01 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)

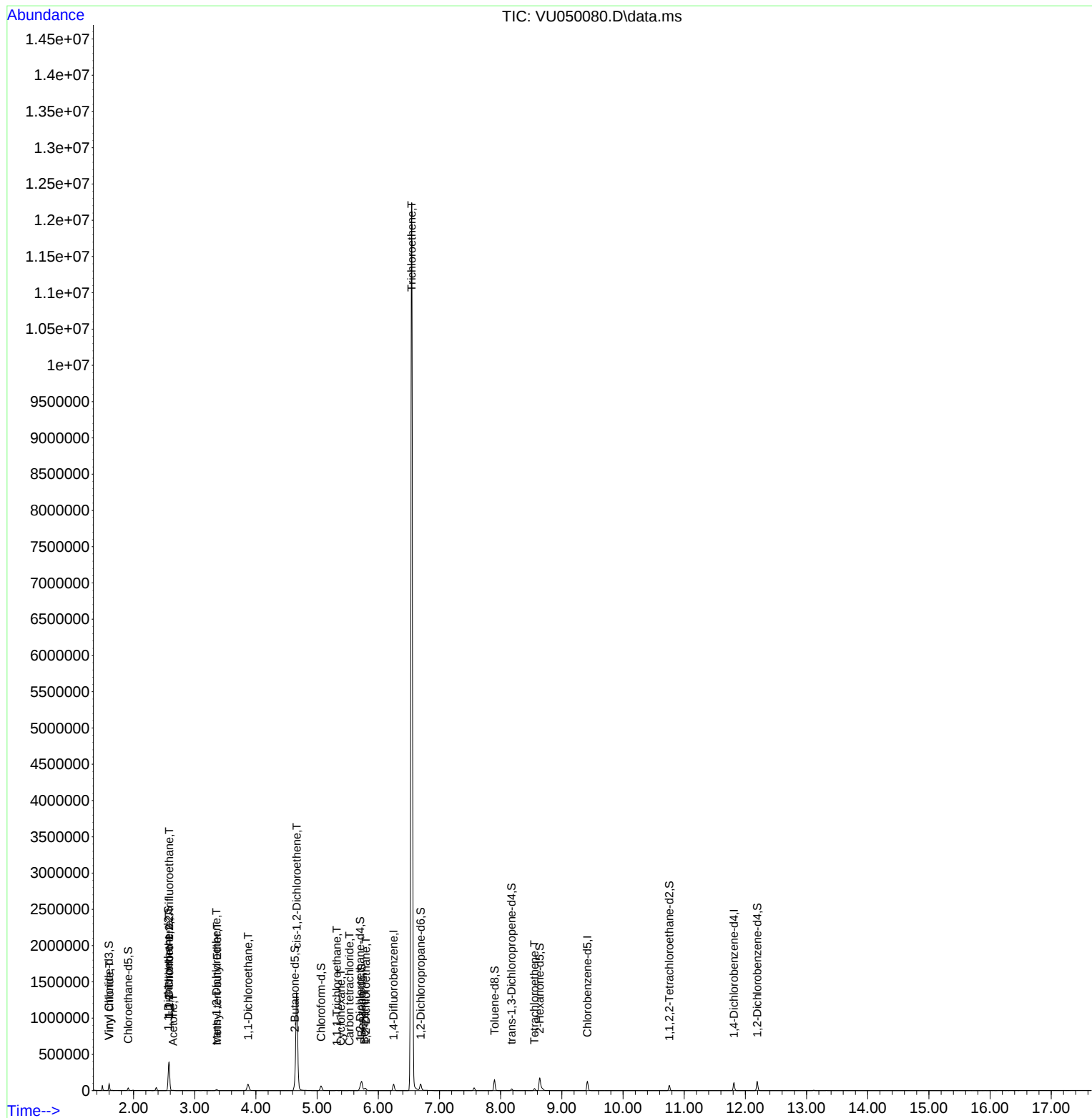
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29615	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30978	5.037	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.912	69	25569	5.153	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.000%		
11) 1,1-Dichloroethene-d2	2.565	65	12108	5.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.636	46	99714	66.490	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 132.980%#		
24) Chloroform-d	5.063	84	61234	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
26) 1,2-Dichloroethane-d4	5.703	65	32887	5.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.729	84	123712	5.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
36) 1,2-Dichloropropane-d6	6.693	67	42038	5.579	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.600%		
41) Toluene-d8	7.899	98	101197	5.008	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.200%		
43) trans-1,3-Dichloroprop...	8.179	79	14122	5.230	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.600%		
46) 2-Hexanone-d5	8.636	63	57686	60.250	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 120.500%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37657	5.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	35127	6.054	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 121.000%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.604	62	37158	4.681	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	31168	6.444	ug/L	97
12) 1,1-Dichloroethene	2.578	96	100316	19.639	ug/L #	74
13) Acetone	2.645	43	5567	6.666	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	4133	0.310	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	5165	0.903	ug/L	98
19) 1,1-Dichloroethane	3.870	63	99013	9.142	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	716921	112.937	ug/L	98
27) 1,2-Dichloroethane	5.796	62	18155	2.584	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	2321	0.258	ug/L #	90
30) Cyclohexane	5.388	56	1237	0.158	ug/L #	90
31) Carbon tetrachloride	5.530	117	1106	0.150	ug/L	96
33) Benzene	5.774	78	22047	0.858	ug/L	100
34) Trichloroethene	6.546	95	4343918	699.188	ug/L	96
47) Tetrachloroethene	8.552	164	6569	1.476	ug/L	96

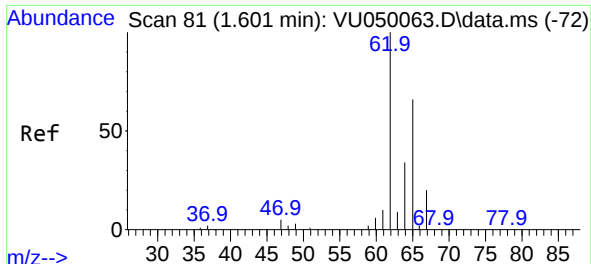
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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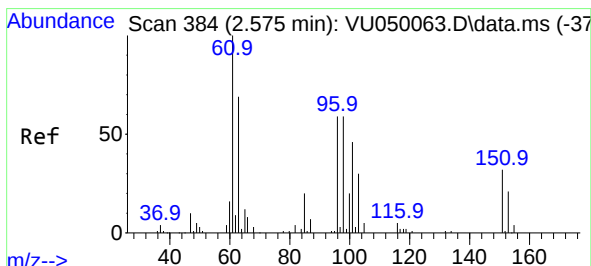
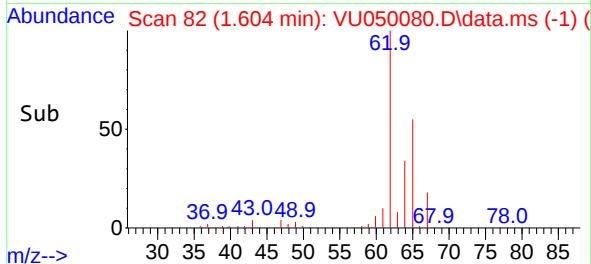
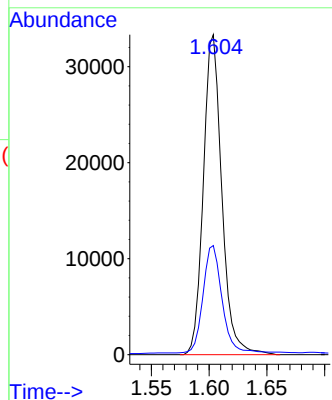
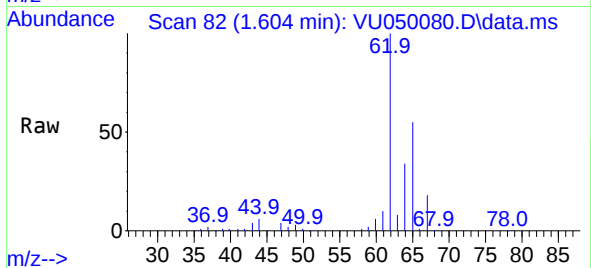




#5
 Vinyl chloride
 Concen: 4.681 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050080.D
 Acq: 04 Aug 2022 23:01

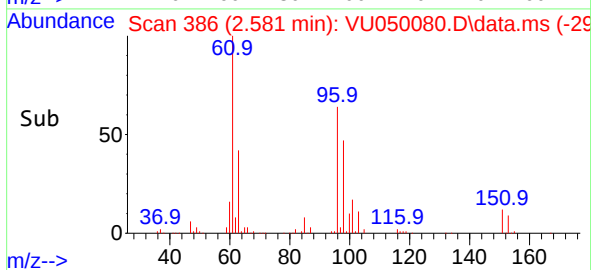
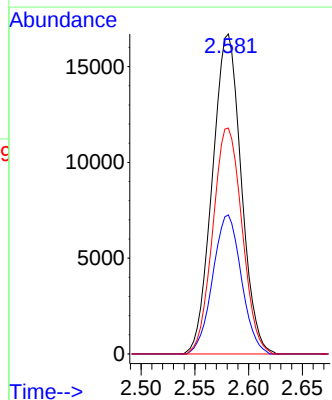
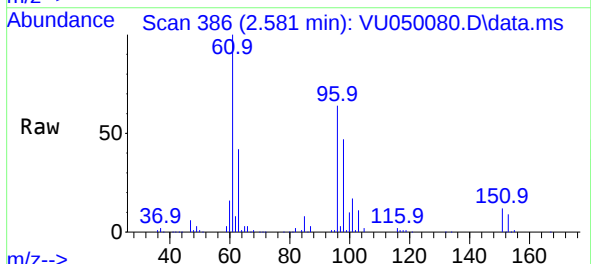
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJG8

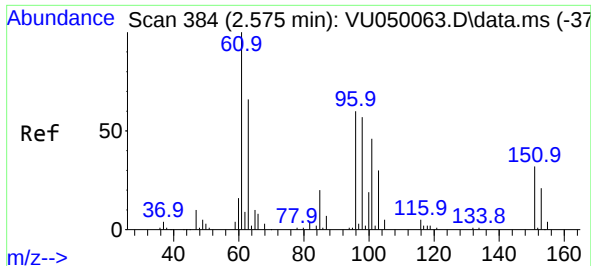
Tgt Ion: 62 Resp: 37158
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.444 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.006 min
 Lab File: VU050080.D
 Acq: 04 Aug 2022 23:01

Tgt Ion: 101 Resp: 31168
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.6 53.4
 151 71.6 55.2 82.8





#12

1,1-Dichloroethene

Concen: 19.639 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050080.D

Acq: 04 Aug 2022 23:01

Instrument :

MSVOA_U

ClientSampleId :

GBJG8

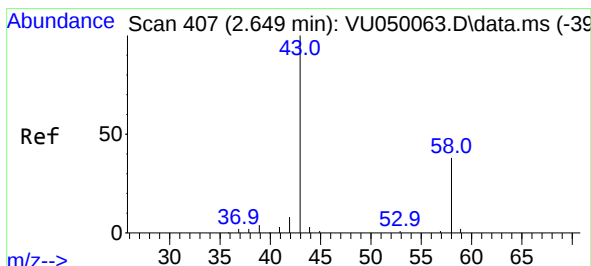
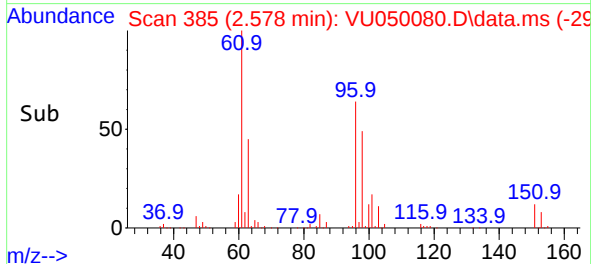
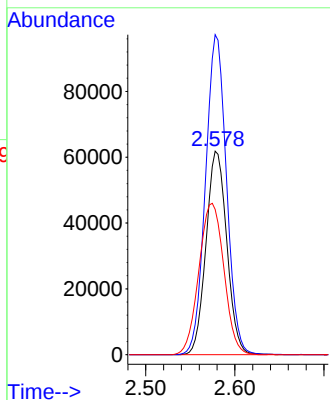
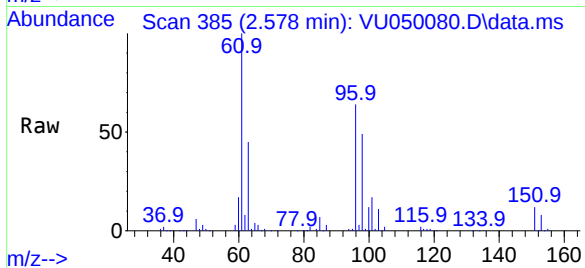
Tgt Ion: 96 Resp: 100316

Ion Ratio Lower Upper

96 100

61 157.3 122.7 227.9

63 71.4 85.1 158.1#



#13

Acetone

Concen: 6.666 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU050080.D

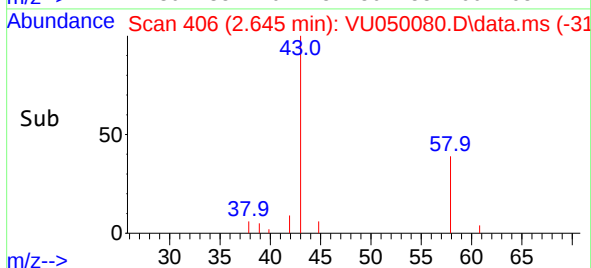
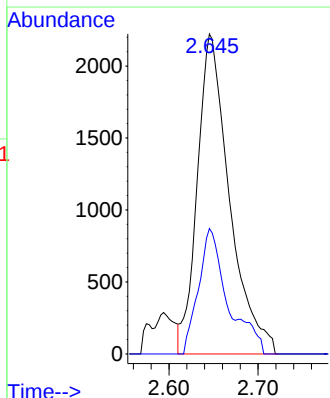
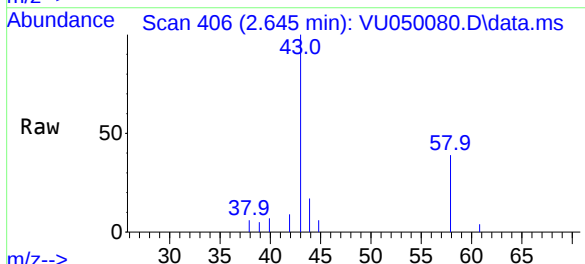
Acq: 04 Aug 2022 23:01

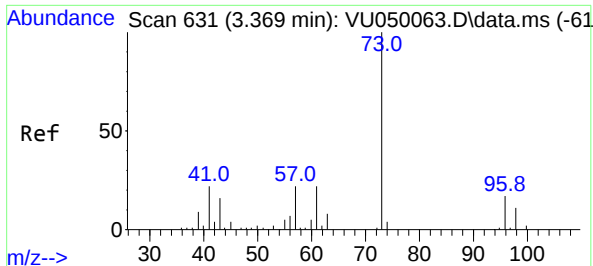
Tgt Ion: 43 Resp: 5567

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.0

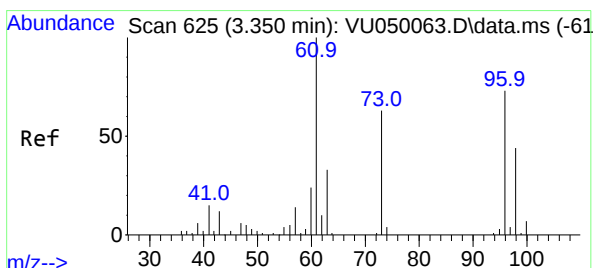
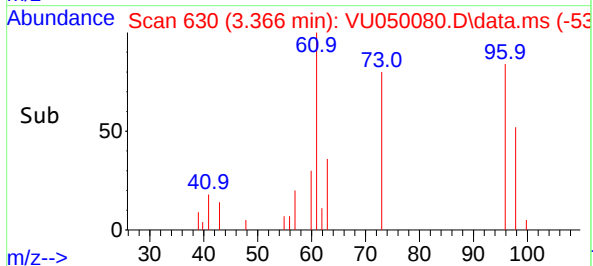
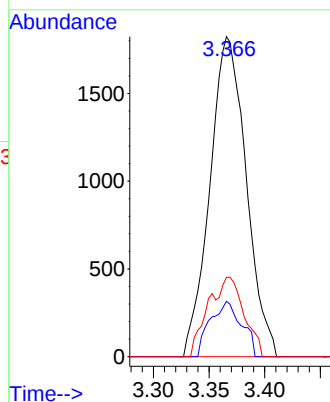
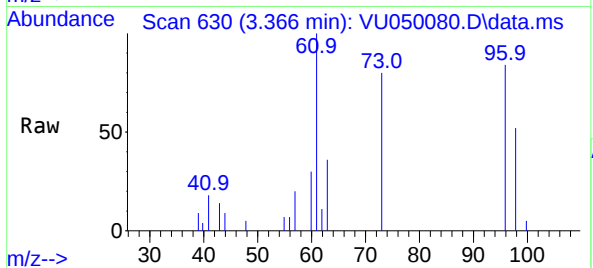




#17
Methyl tert-butyl Ether
Concen: 0.310 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

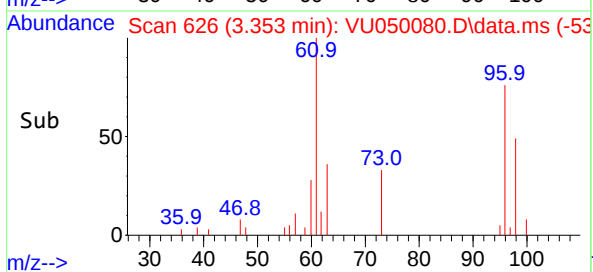
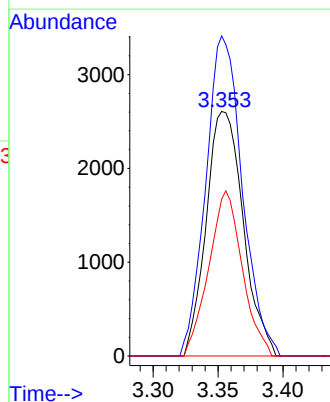
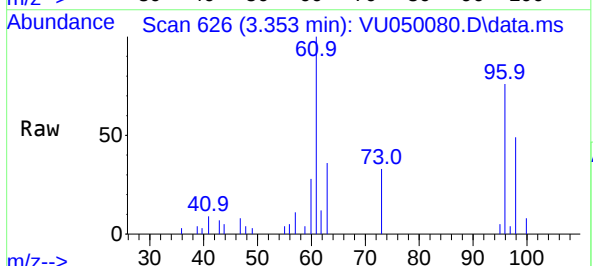
Instrument :
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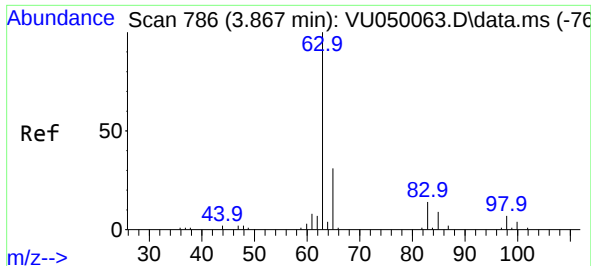
Tgt Ion: 73	Resp: 4133
Ion Ratio	Lower Upper
73 100	
43 14.9	13.5 20.3
57 24.5	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.903 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Tgt Ion: 96	Resp: 5165
Ion Ratio	Lower Upper
96 100	
61 130.9	92.3 171.5
98 64.1	43.2 80.2

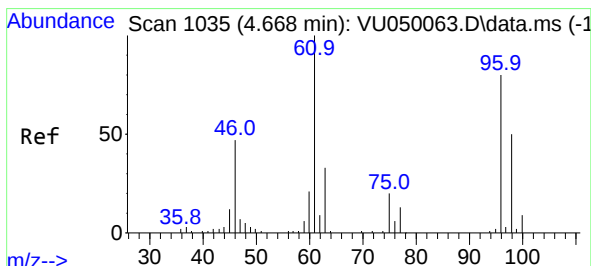
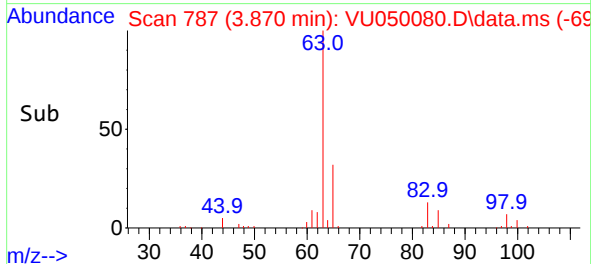
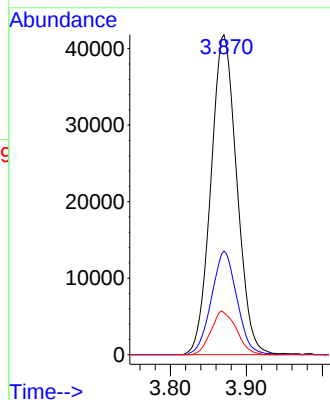
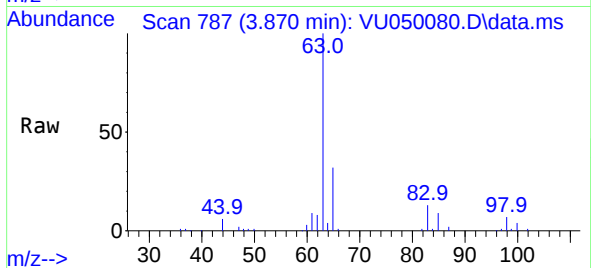




#19
1,1-Dichloroethane
Concen: 9.142 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

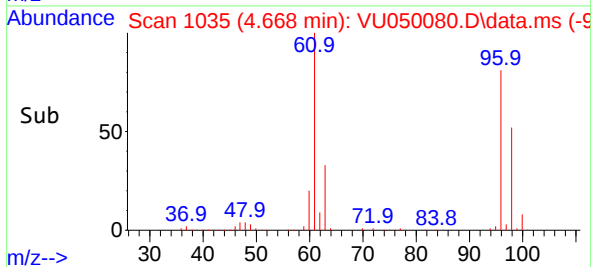
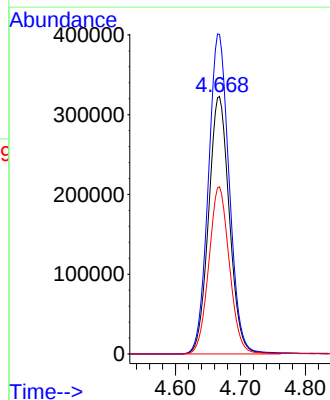
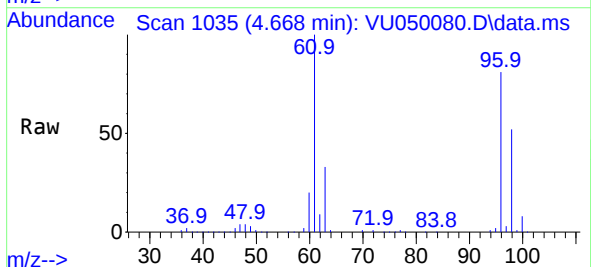
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ClientSampleId :
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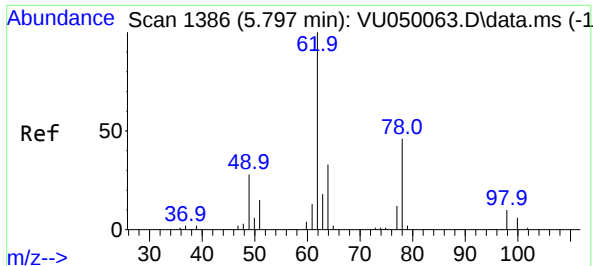
Tgt Ion: 63 Resp: 99013
Ion Ratio Lower Upper
63 100
65 32.4 22.7 42.3
83 13.2 9.8 18.2



#22
cis-1,2-Dichloroethene
Concen: 112.937 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Tgt Ion: 96 Resp: 716921
Ion Ratio Lower Upper
96 100
61 124.2 89.0 165.4
98 65.0 45.2 84.0

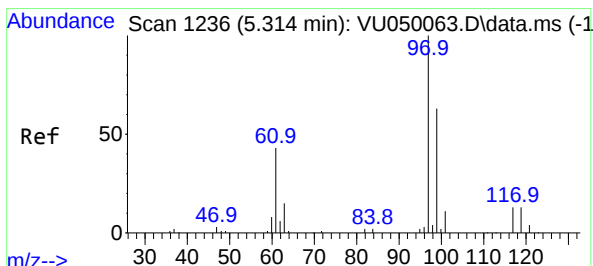
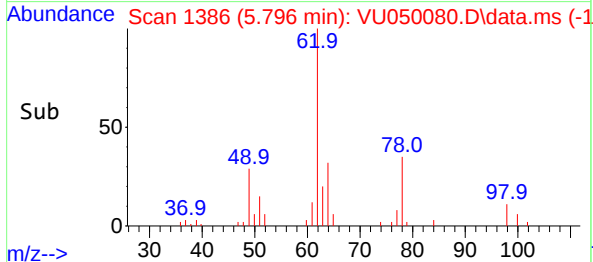
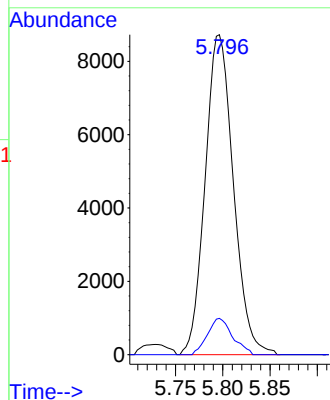
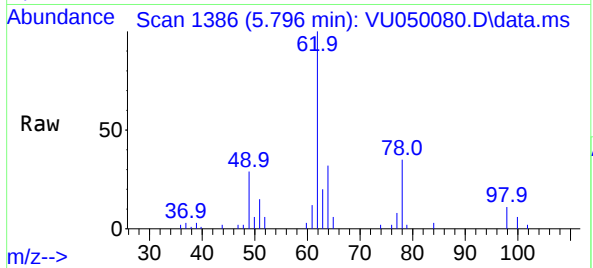




#27
1,2-Dichloroethane
Concen: 2.584 ug/L
RT: 5.796 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

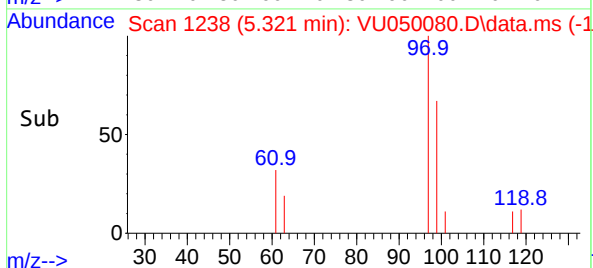
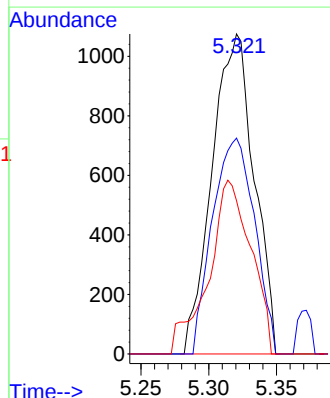
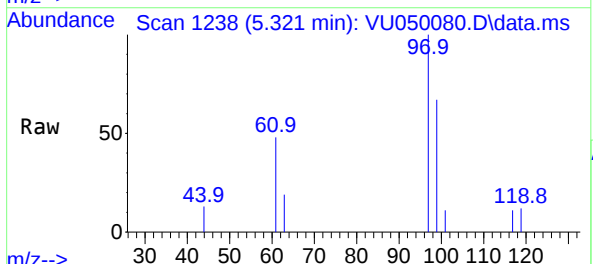
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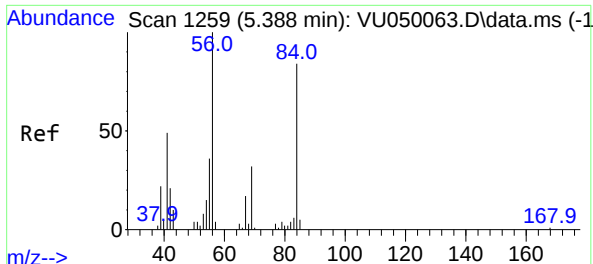
Tgt Ion: 62 Resp: 18155
Ion Ratio Lower Upper
62 100
98 11.3 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 0.258 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Tgt Ion: 97 Resp: 2321
Ion Ratio Lower Upper
97 100
99 67.6 51.5 77.3
61 54.6 34.2 51.4#

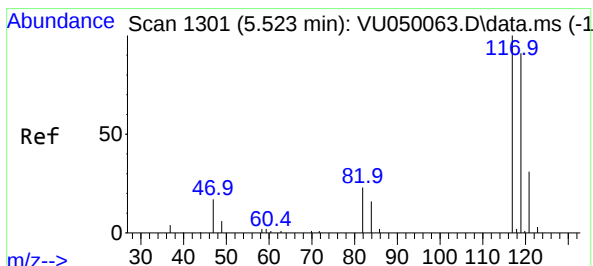
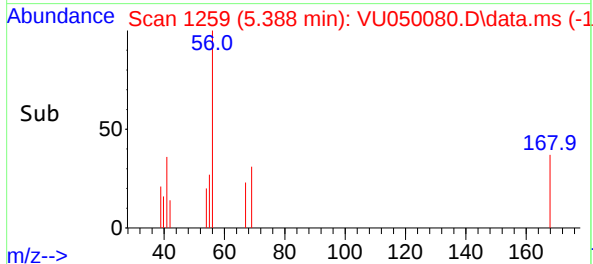
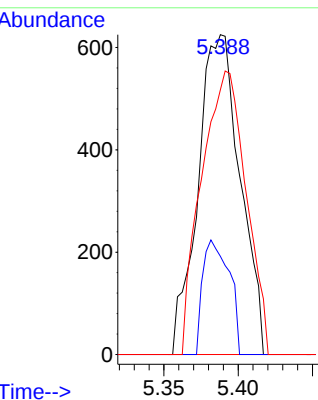
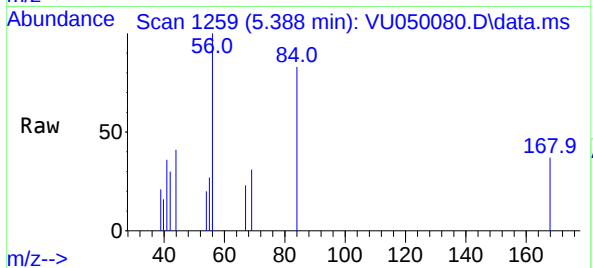




#30
Cyclohexane
Concen: 0.158 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

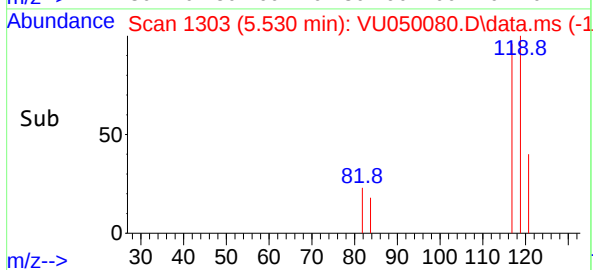
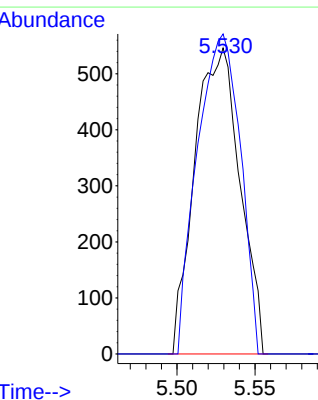
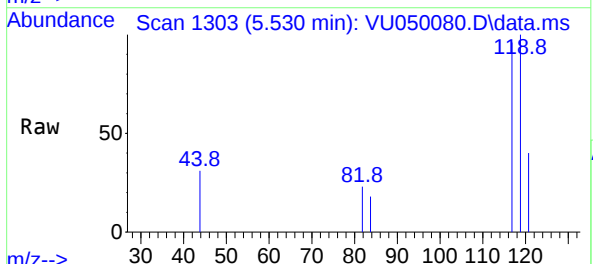
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ClientSampleId :
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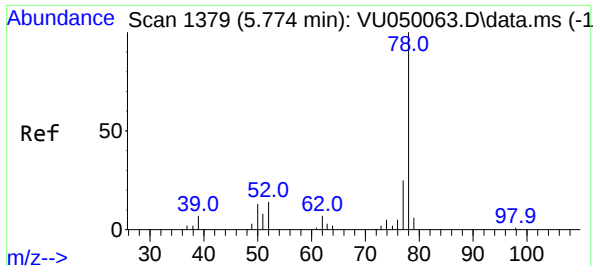
Tgt Ion: 56 Resp: 1237
Ion Ratio Lower Upper
56 100
69 22.4 24.6 37.0#
84 93.4 69.1 103.7



#31
Carbon tetrachloride
Concen: 0.150 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Tgt Ion: 117 Resp: 1106
Ion Ratio Lower Upper
117 100
119 99.0 76.0 114.0

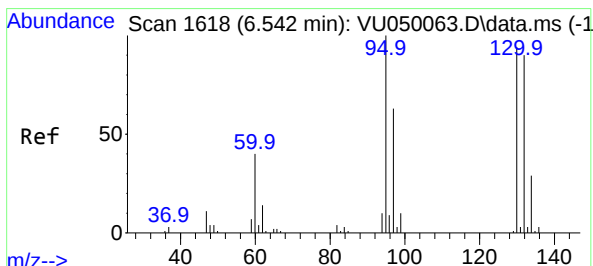
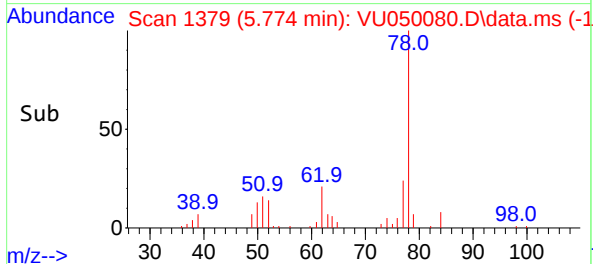
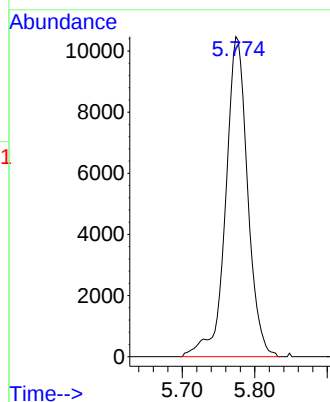
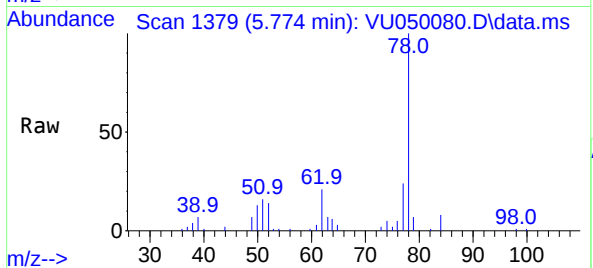




#33
Benzene
Concen: 0.858 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Instrument :
MSVOA_U
ClientSampleId :
GBJG8

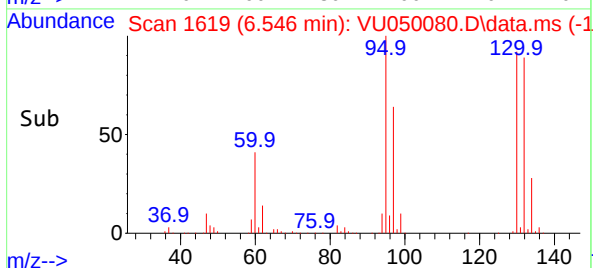
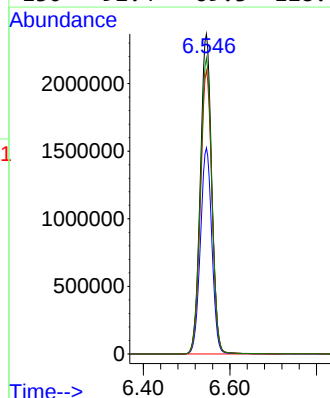
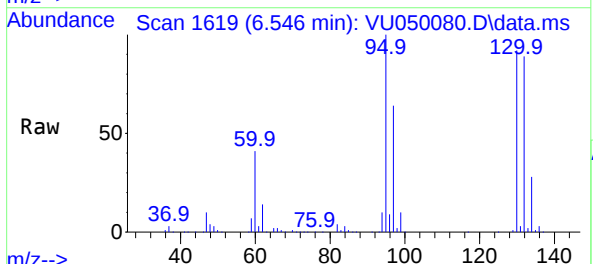
Tgt Ion: 78 Resp: 22047



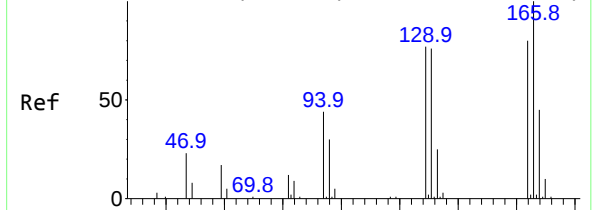
#34
Trichloroethene
Concen: 699.188 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU050080.D
Acq: 04 Aug 2022 23:01

Tgt Ion: 95 Resp: 4343918

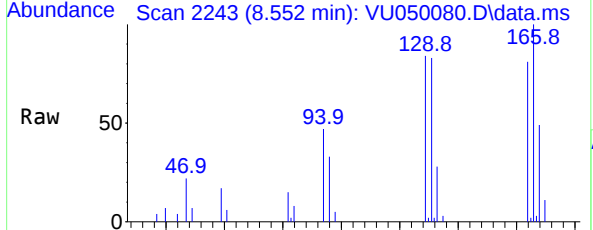
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.8
132	88.5	65.0	120.6
130	92.4	69.3	128.7



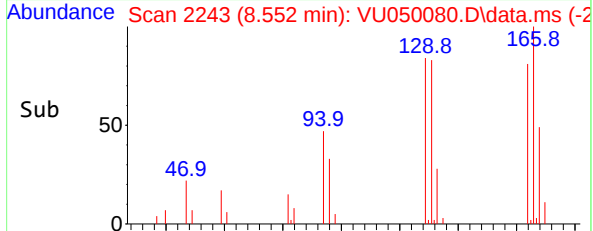
Abundance Scan 2243 (8.552 min): VU050063.D\data.ms (-2



Abundance Scan 2243 (8.552 min): VU050080.D\data.ms



Abundance Scan 2243 (8.552 min): VU050080.D\data.ms (-2



#47

Tetrachloroethene

Concen: 1.476 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050080.D

Acq: 04 Aug 2022 23:01

Instrument :

MSVOA_U

ClientSampleId :

GBJG8

Tgt Ion:164 Resp: 6569

Ion Ratio Lower Upper

164 100

129 103.6 69.0 128.1

131 102.4 65.8 122.2

166 123.2 86.1 159.9

Abundance

