

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050196.D
 Acq On : 09 Aug 2022 22:20
 Operator : SY/MD
 Sample : N4076-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:34:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

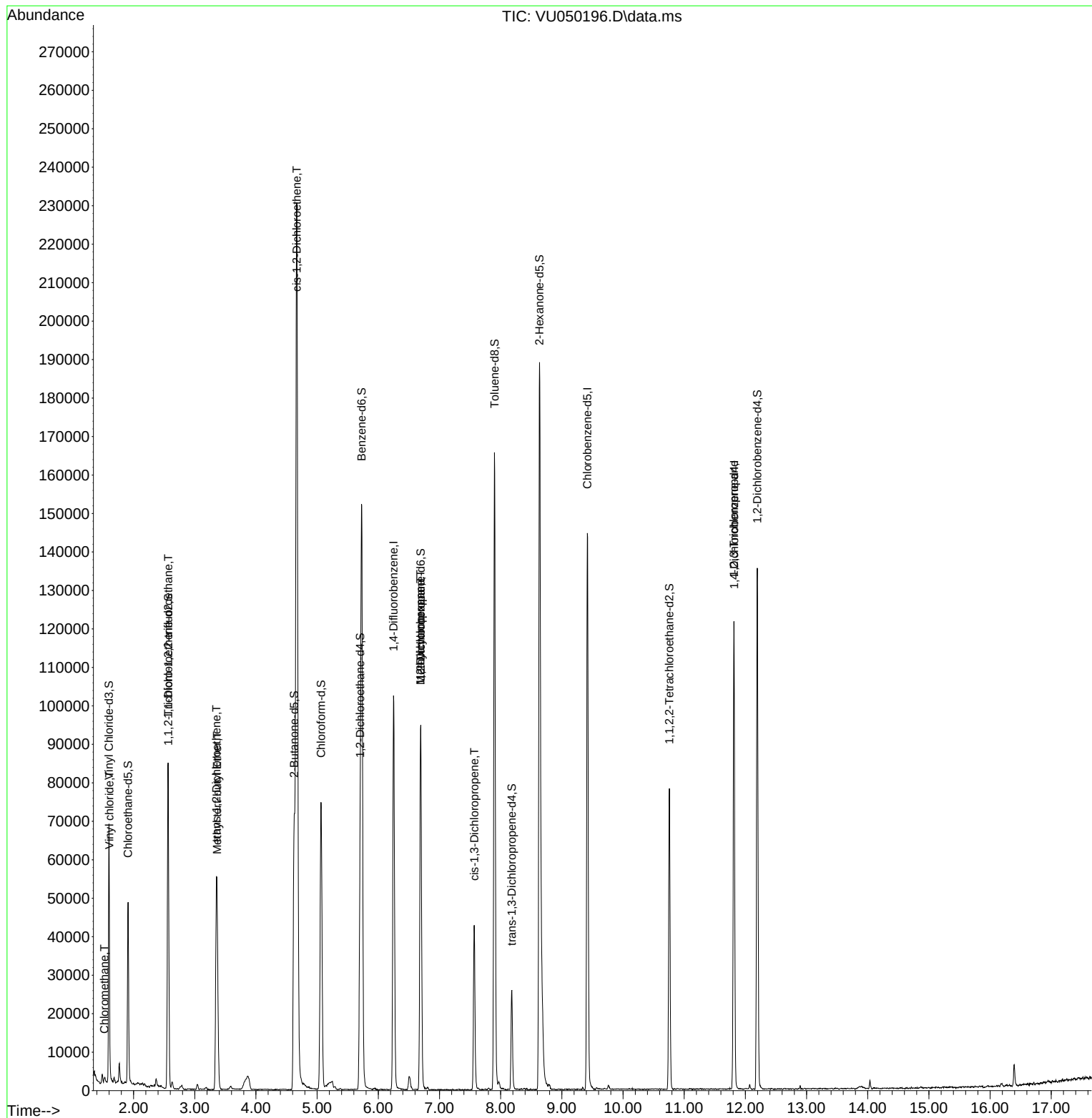
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	32656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44802	6.351	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 127.000%		
7) Chloroethane-d5	1.909	69	35157	6.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.600%		
11) 1,1-Dichloroethene-d2	2.565	65	16123	5.848	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 117.000%		
20) 2-Butanone-d5	4.623	46	100301	58.303	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.600%		
24) Chloroform-d	5.063	84	72217	5.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.703	65	37886	5.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
32) Benzene-d6	5.729	84	146071	5.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.400%		
36) 1,2-Dichloropropane-d6	6.694	67	48173	5.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.400%		
41) Toluene-d8	7.899	98	115090	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15730	5.033	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.600%		
46) 2-Hexanone-d5	8.632	63	60868	54.923	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.840%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40804	5.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36679	5.733	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.600%		
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1558	0.153	ug/L	98
5) Vinyl chloride	1.604	62	3575	0.393	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	310	0.056	ug/L #	27
17) Methyl tert-butyl Ether	3.366	73	30979	2.026	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	14184	2.162	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	120370	16.530	ug/L	99
35) Methylcyclohexane	6.690	83	10981	1.183	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4930	0.622	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	973	0.094	ug/L #	49
61) 1,2,3-Trichloropropane	11.812	75	4154	0.934	ug/L #	65

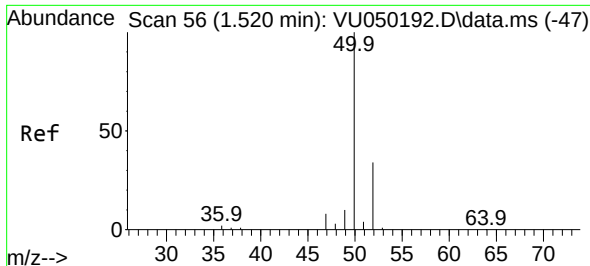
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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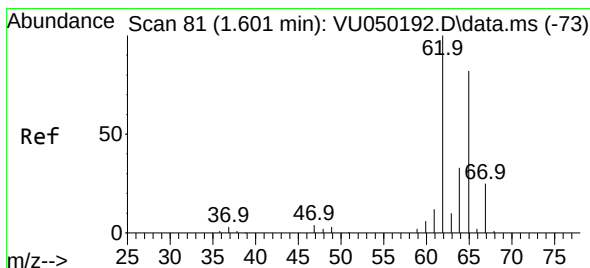
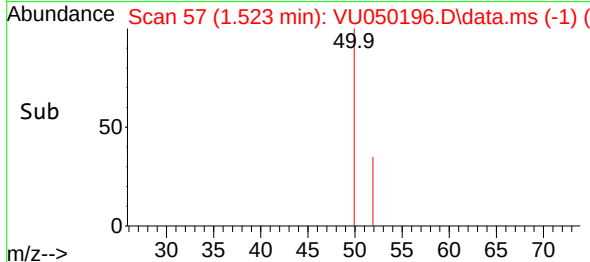
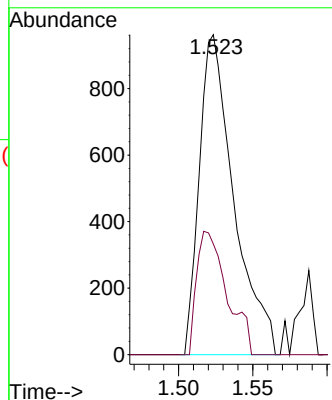
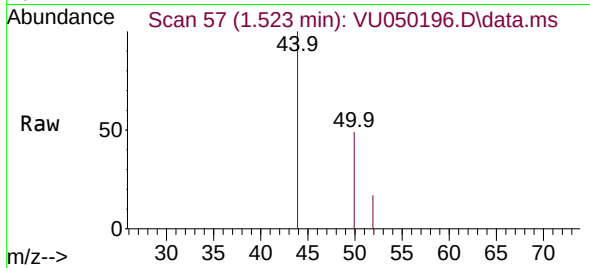




#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

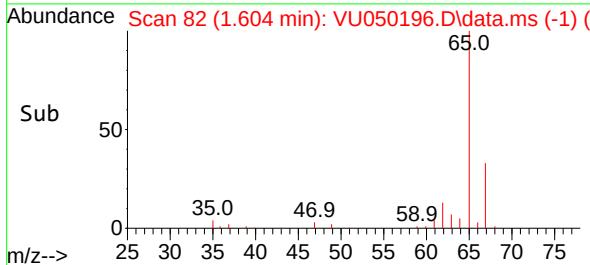
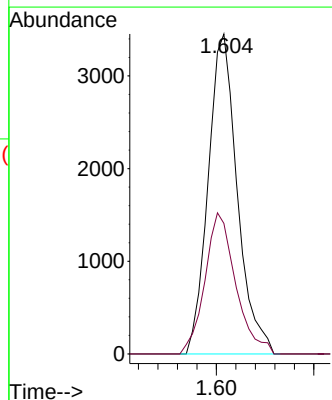
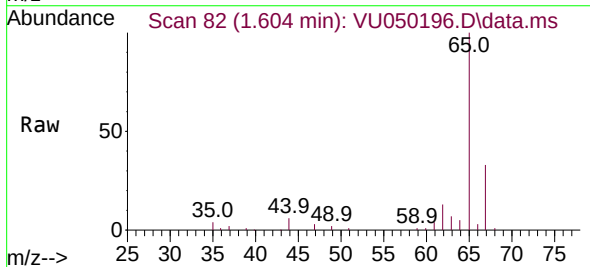
Instrument :
MSVOA_U
ClientSampleId :

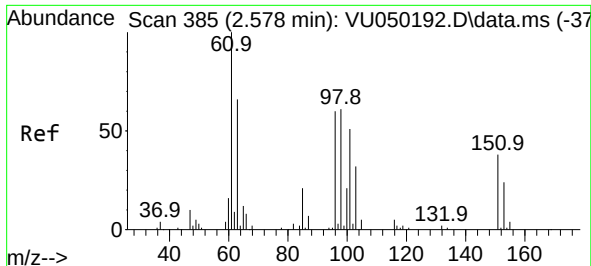
Tgt Ion: 50 Resp: 1558
Ion Ratio Lower Upper
50 100
52 34.6 23.2 43.2



#5
Vinyl chloride
Concen: 0.393 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

Tgt Ion: 62 Resp: 3575
Ion Ratio Lower Upper
62 100
64 40.8 22.8 42.4

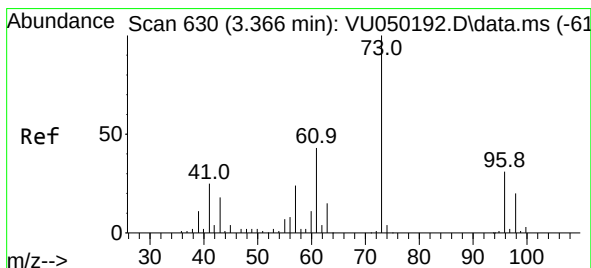
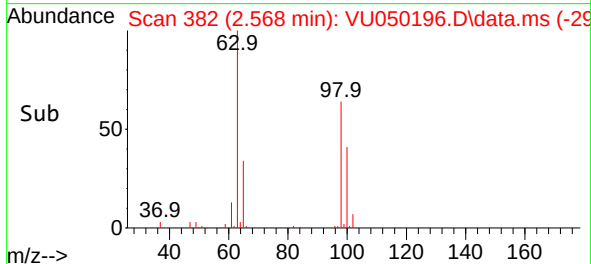
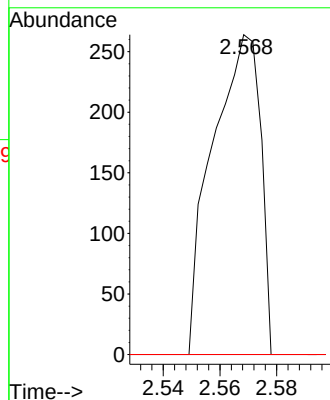
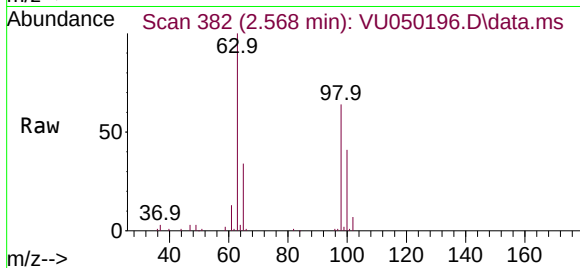




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.568 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

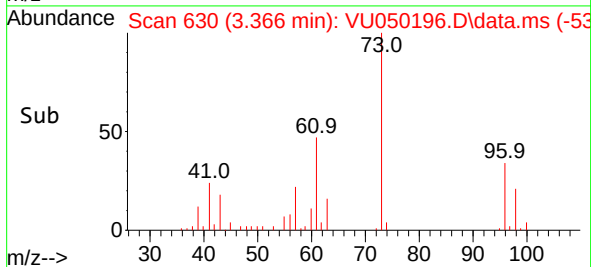
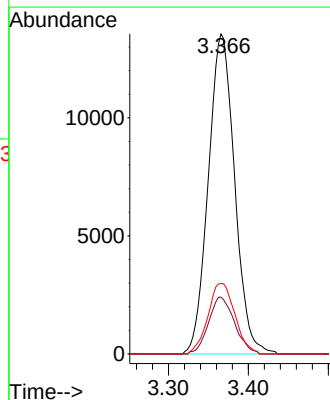
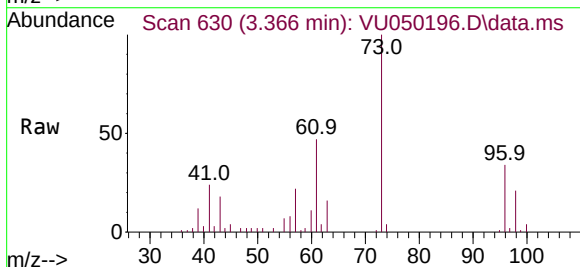
Instrument :
MSVOA_U
ClientSampleId :

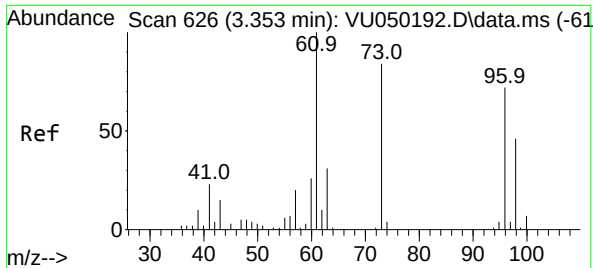
Tgt Ion:101 Resp: 310
Ion Ratio Lower Upper
101 100
85 80.6 35.6 53.4#
151 0.0 55.2 82.8#



#17
Methyl tert-butyl Ether
Concen: 2.026 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

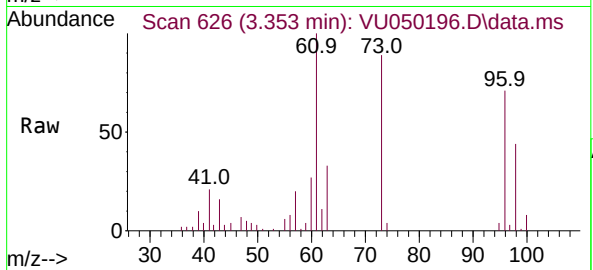
Tgt Ion: 73 Resp: 30979
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 22.6 17.4 26.2



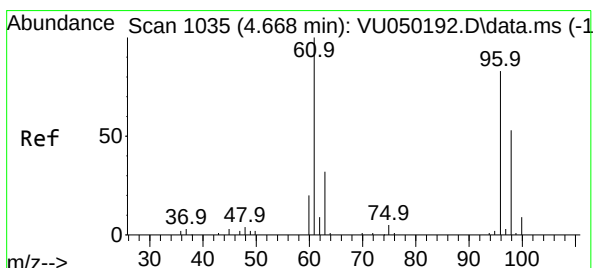
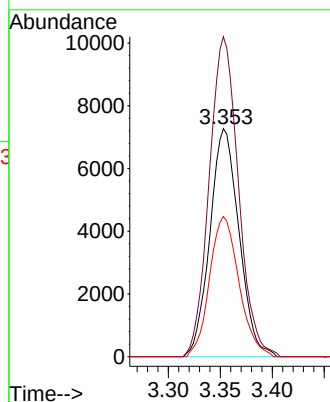
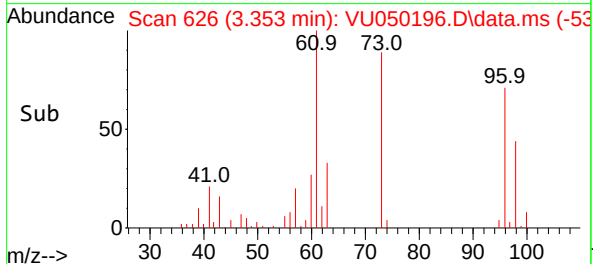


#18
trans-1,2-Dichloroethene
Concen: 2.162 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

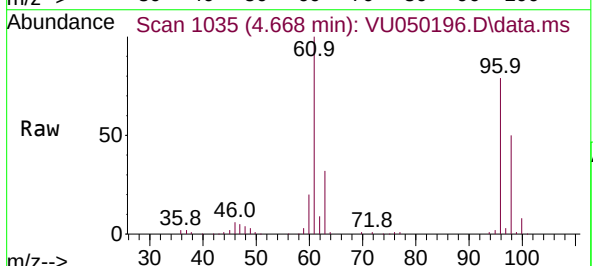
Instrument :
MSVOA_U
ClientSampleId :



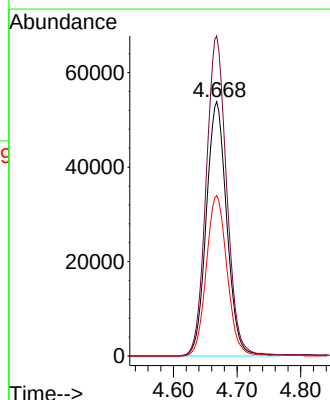
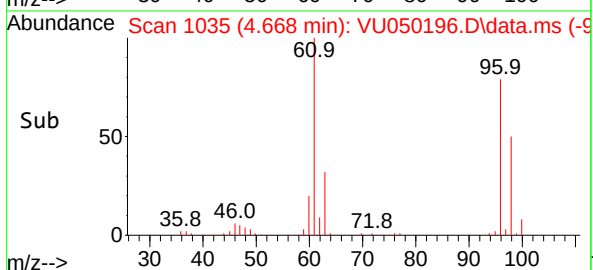
Tgt Ion: 96 Resp: 14184
Ion Ratio Lower Upper
96 100
61 140.4 92.3 171.5
98 61.5 43.2 80.2

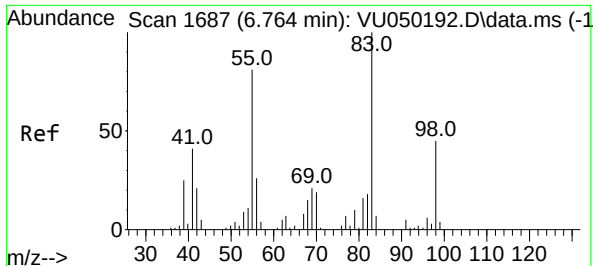


#22
cis-1,2-Dichloroethene
Concen: 16.530 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20



Tgt Ion: 96 Resp: 120370
Ion Ratio Lower Upper
96 100
61 125.8 89.0 165.4
98 63.1 45.2 84.0

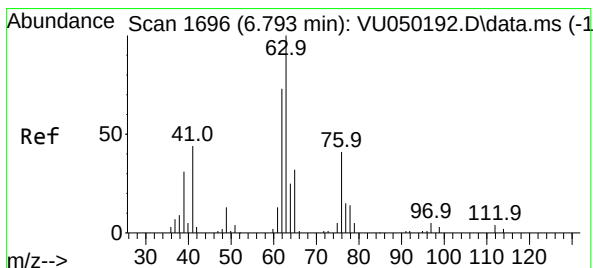
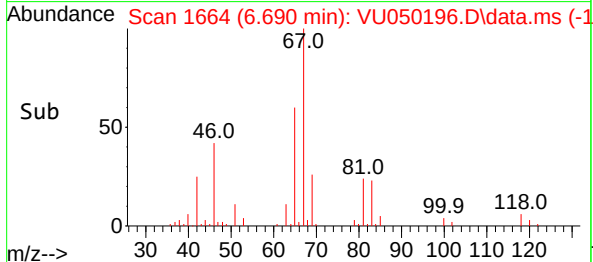
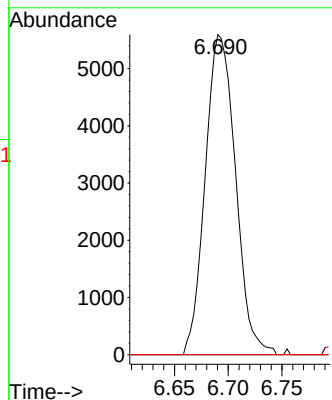
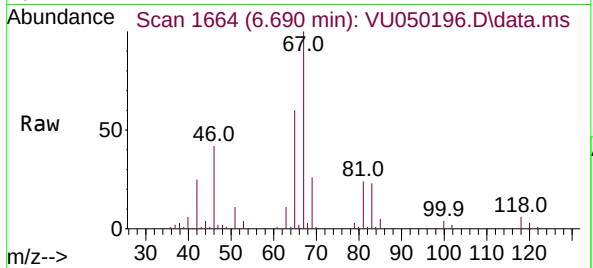




#35
Methylcyclohexane
Concen: 1.183 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

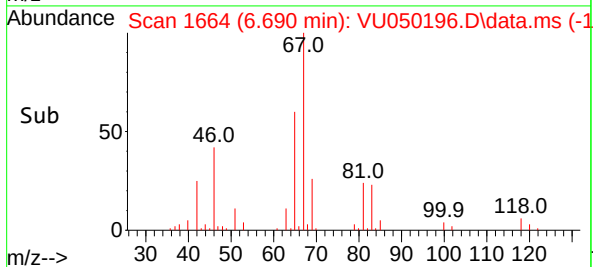
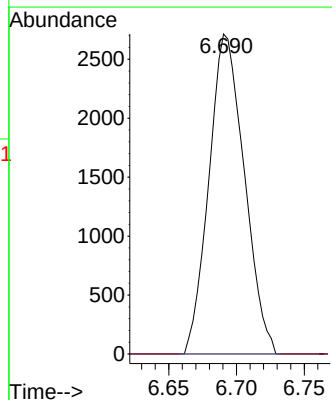
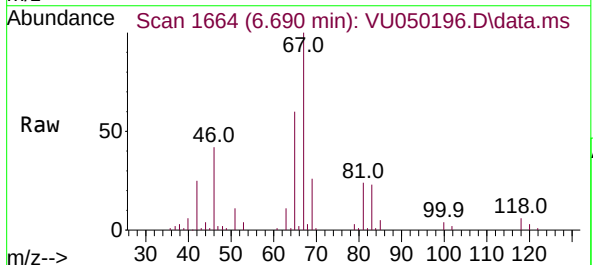
Instrument :
MSVOA_U
ClientSampleId :

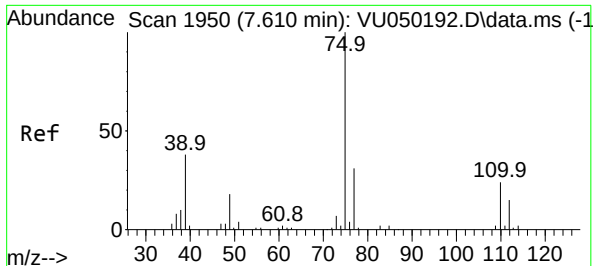
Tgt Ion: 83 Resp: 10981
Ion Ratio Lower Upper
83 100
55 2.8 62.7 94.1#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050196.D
Acq: 09 Aug 2022 22:20

Tgt Ion: 63 Resp: 4930
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU050196.D

Acq: 09 Aug 2022 22:20

Instrument :

MSVOA_U

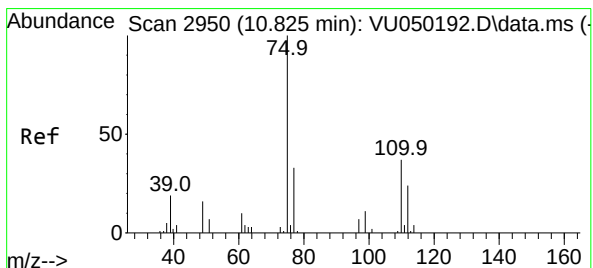
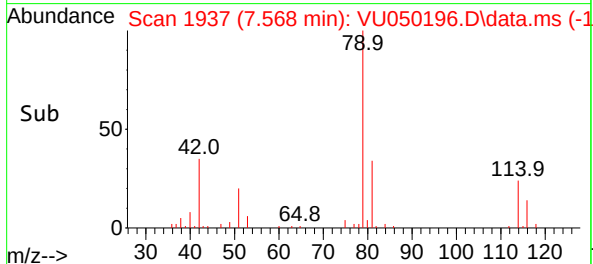
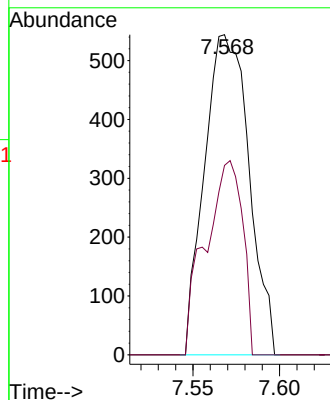
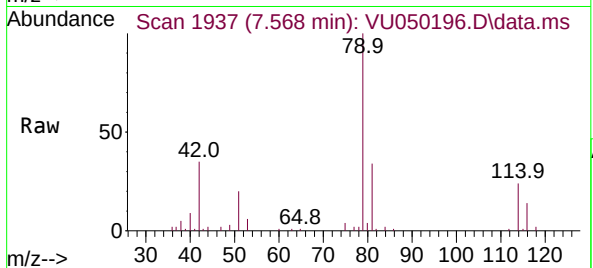
ClientSampleId :

Tgt Ion: 75 Resp: 973

Ion Ratio Lower Upper

75 100

77 59.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.934 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050196.D

Acq: 09 Aug 2022 22:20

Tgt Ion: 75 Resp: 4154

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 35.7 25.8 38.6

