

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050195.D
 Acq On : 09 Aug 2022 21:55
 Operator : SY/MD
 Sample : N4115-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:33:59 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

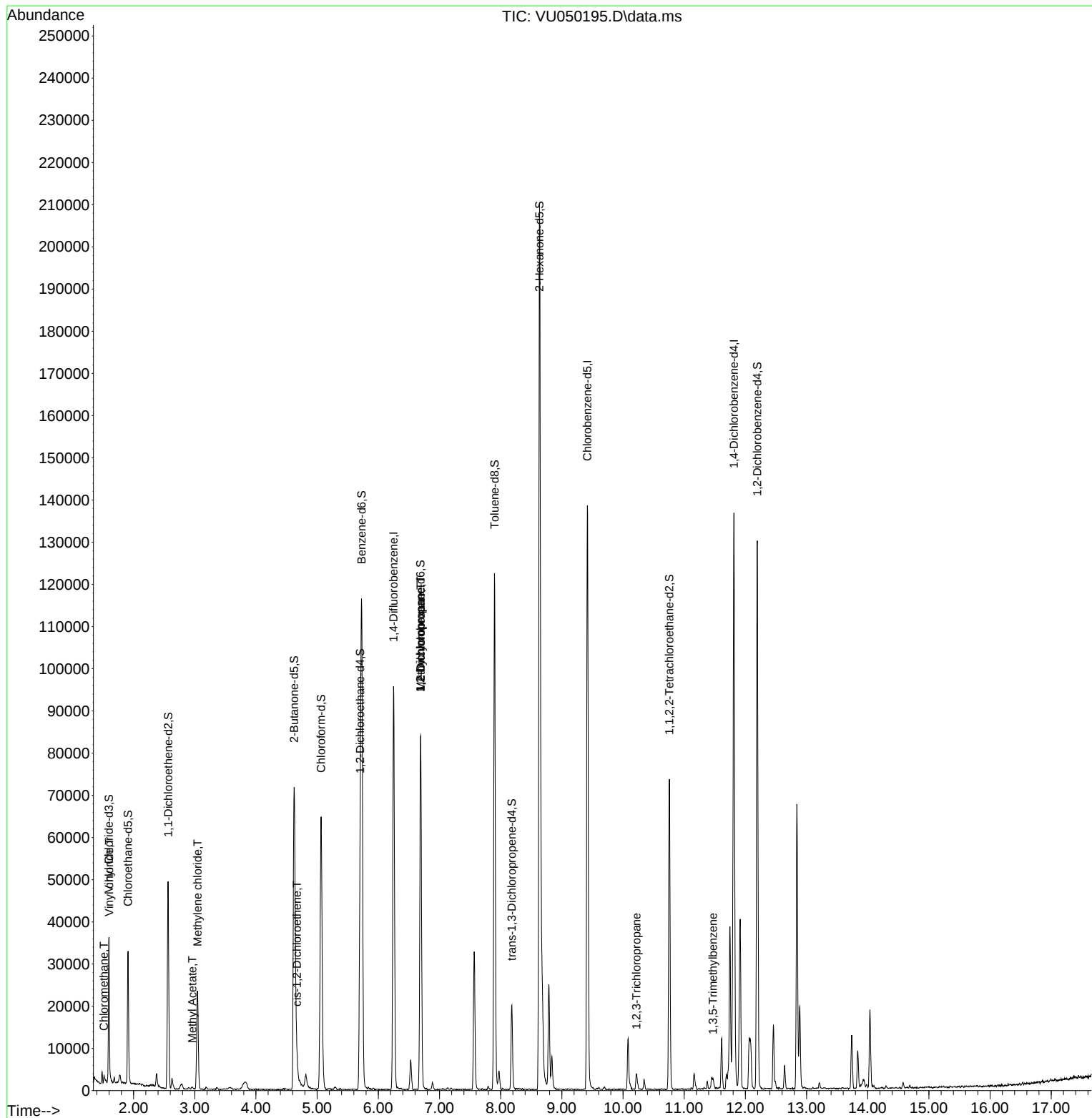
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22497	3.502	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.909	69	23461	4.527	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.565	65	9198	3.663	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.623	46	105349	67.247	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.500%#	
24) Chloroform-d	5.063	84	61346	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.703	65	34386	5.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.000%	
32) Benzene-d6	5.729	84	111855	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.690	67	42509	5.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.899	98	84456	3.789	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.182	79	12217	4.102	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.632	63	66088	62.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38952	5.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35224	5.075	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1605	0.173	ug/L	85
5) Vinyl chloride	1.600	62	2670	0.322	ug/L #	71
15) Methyl Acetate	2.961	43	834	0.350	ug/L #	46
16) Methylene chloride	3.044	84	11517	1.413	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	813	0.123	ug/L #	87
35) Methylcyclohexane	6.694	83	9370	1.059	ug/L #	27
37) 1,2-Dichloropropane	6.694	63	4187	0.555	ug/L #	89
61) 1,2,3-Trichloropropane	10.221	75	674	0.140	ug/L #	41
62) 1,3,5-Trimethylbenzene	11.471	105	960	0.144	ug/L #	28

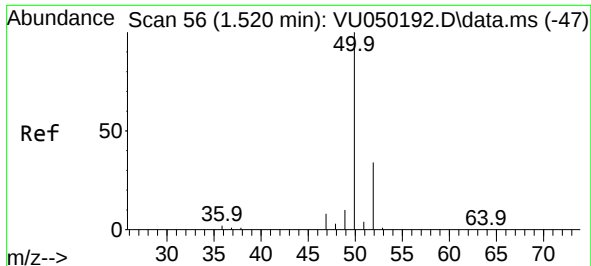
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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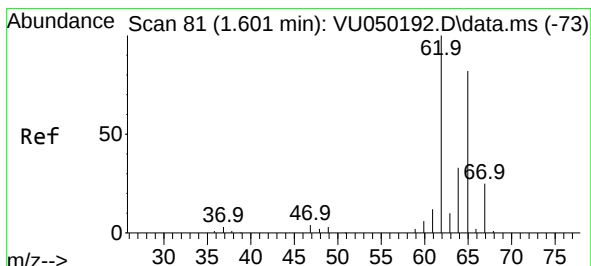
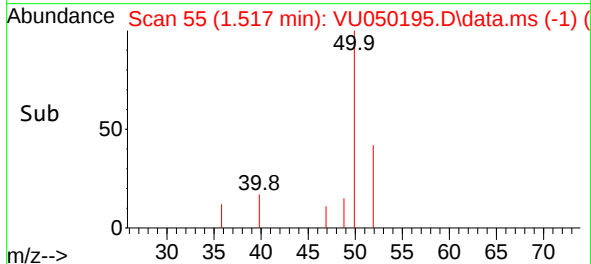
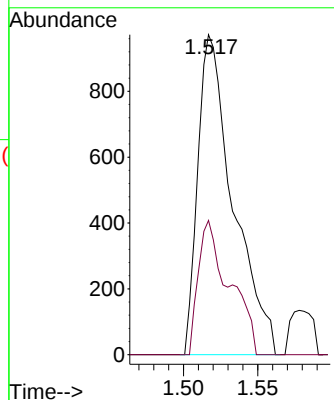
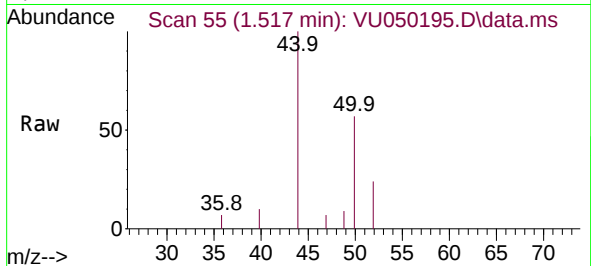




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

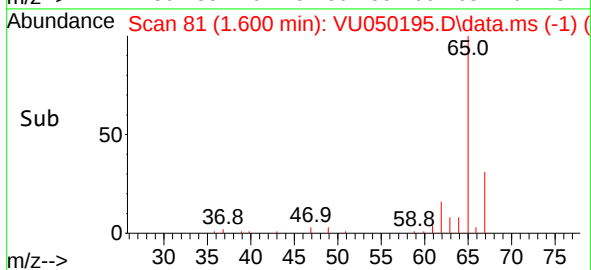
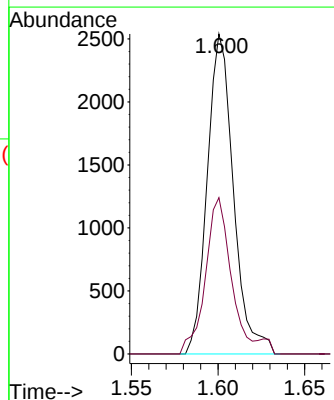
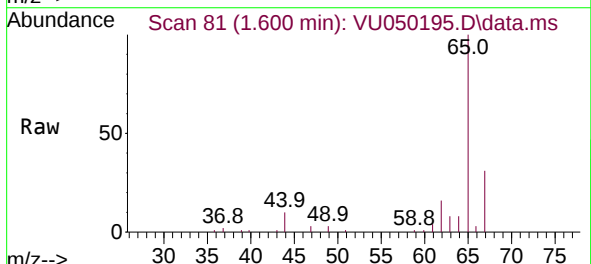
Instrument :
MSVOA_U
ClientSampleId :

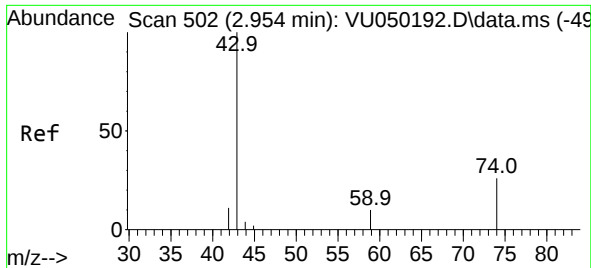
Tgt Ion: 50 Resp: 1605
Ion Ratio Lower Upper
50 100
52 42.0 23.2 43.2



#5
Vinyl chloride
Concen: 0.322 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

Tgt Ion: 62 Resp: 2670
Ion Ratio Lower Upper
62 100
64 48.8 22.8 42.4#

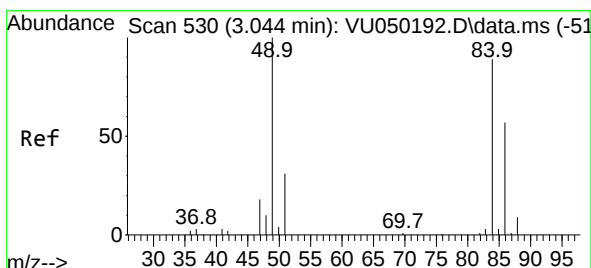
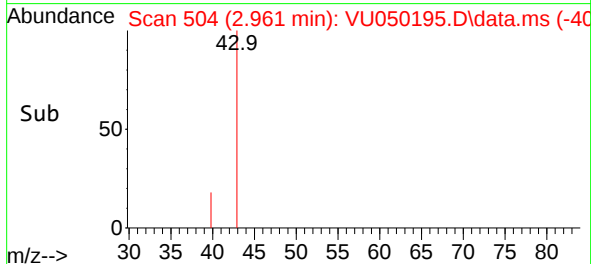
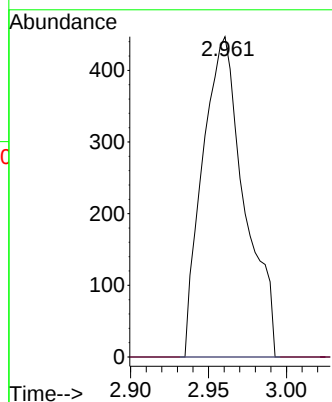
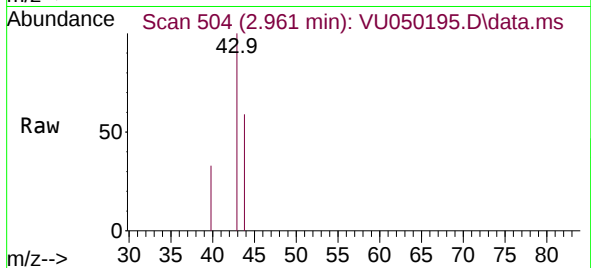




#15
Methyl Acetate
Concen: 0.350 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

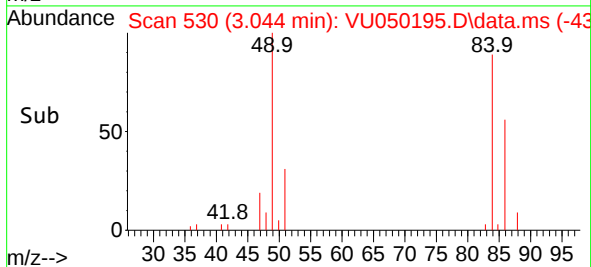
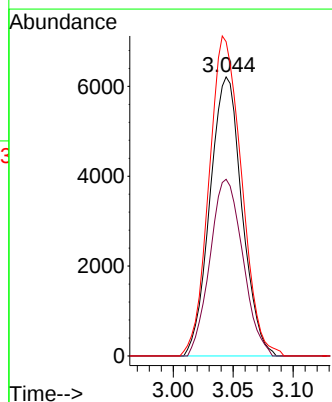
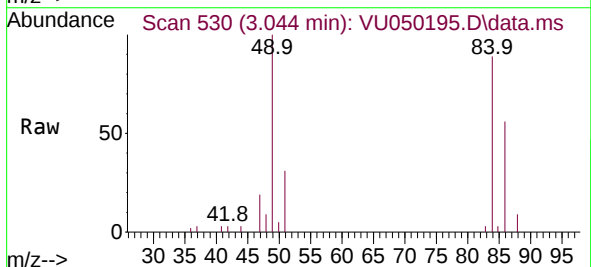
Instrument :
MSVOA_U
ClientSampleId :

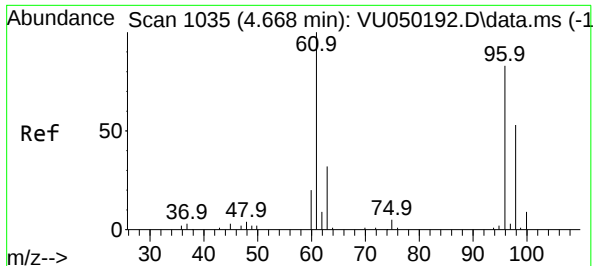
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 1.413 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

Tgt Ion: 84 Resp: 11517
Ion Ratio Lower Upper
84 100
86 63.3 45.9 85.3
49 112.6 77.6 144.0





#22

cis-1,2-Dichloroethene

Concen: 0.123 ug/L

RT: 4.671 min Scan# 1035

Delta R.T. 0.003 min

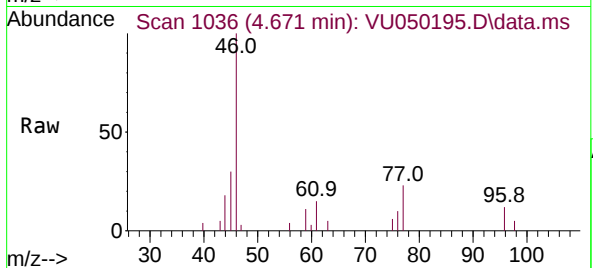
Lab File: VU050195.D

Acq: 09 Aug 2022 21:55

Instrument :

MSVOA_U

ClientSampleId :



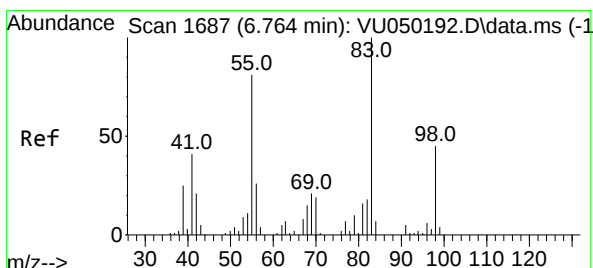
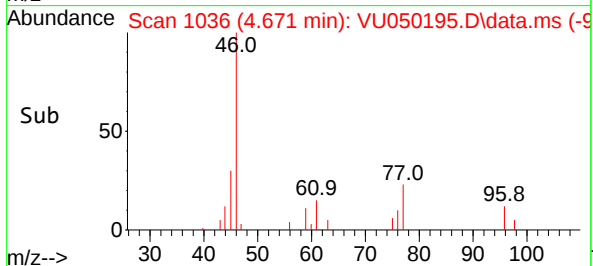
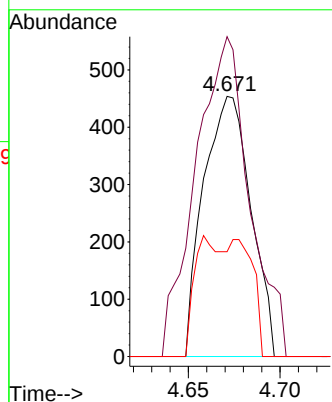
Tgt Ion: 96 Resp: 813

Ion Ratio Lower Upper

96 100

61 122.9 89.0 165.4

98 40.3 45.2 84.0#



#35

Methylcyclohexane

Concen: 1.059 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050195.D

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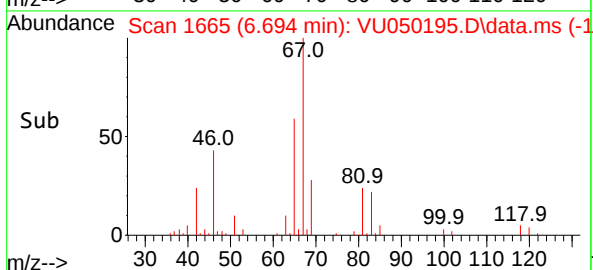
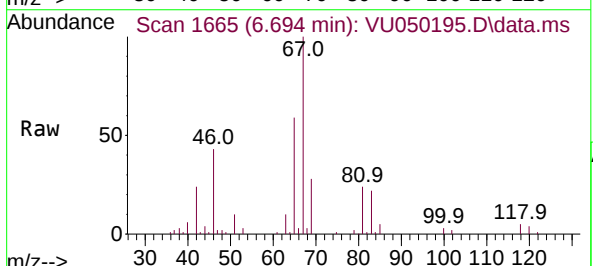
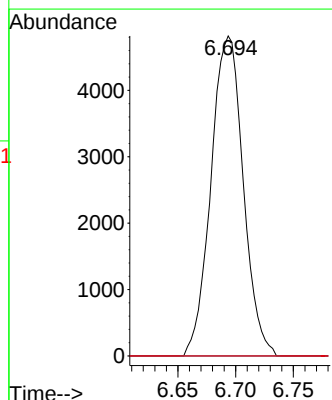
Tgt Ion: 83 Resp: 9370

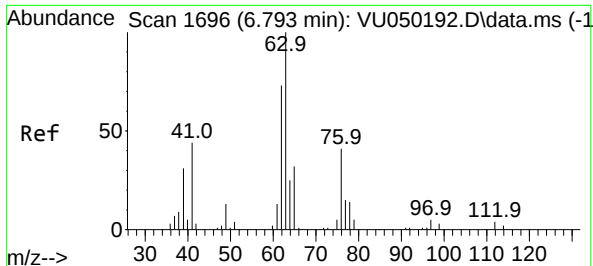
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 17.2 36.2 54.2#

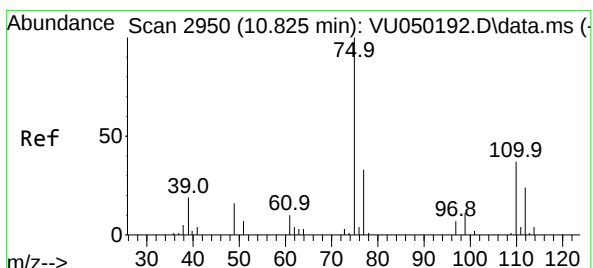
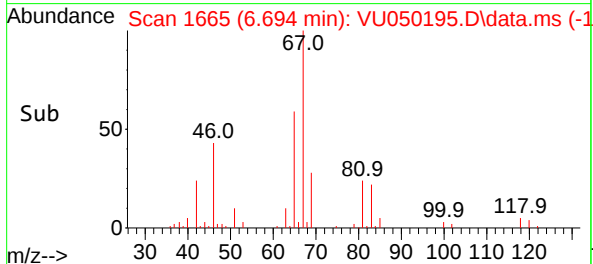
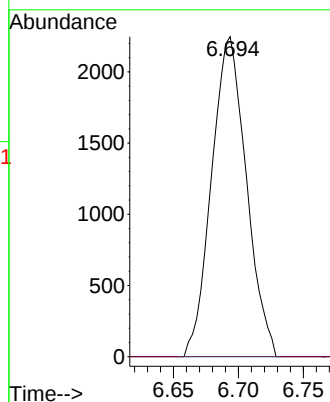
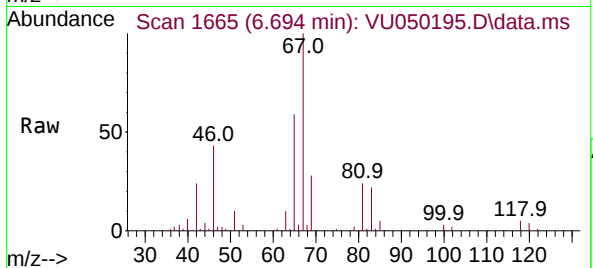




#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

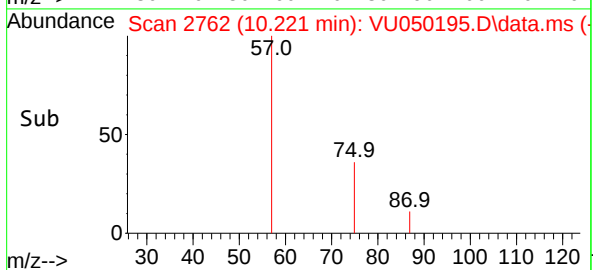
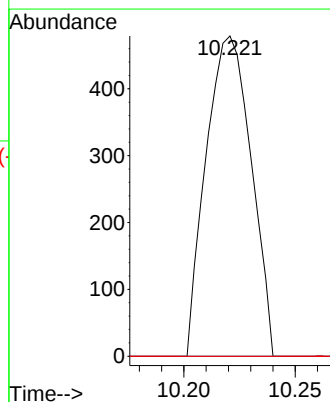
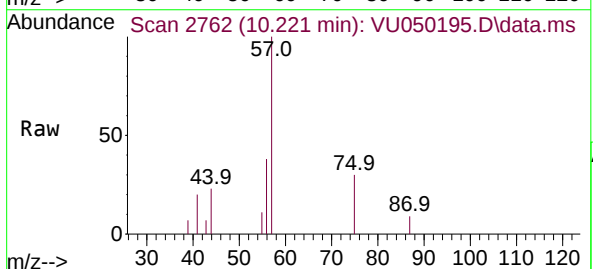
Instrument :
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ClientSampleId :

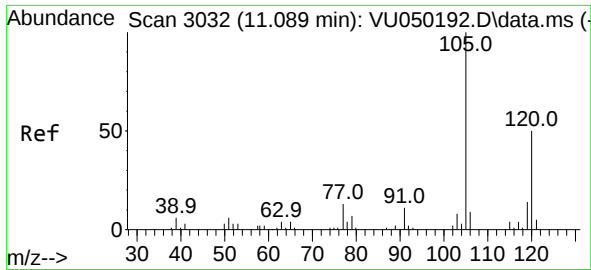
Tgt Ion: 63 Resp: 4187
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.140 ug/L
RT: 10.221 min Scan# 2762
Delta R.T. -0.605 min
Lab File: VU050195.D
Acq: 09 Aug 2022 21:55

Tgt Ion: 75 Resp: 674
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 0.0 25.8 38.6#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.144 ug/L
 RT: 11.471 min Scan# 31
 Delta R.T. 0.383 min
 Lab File: VU050195.D
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Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 960
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.9 58.3#

