

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050170.D
 Acq On : 09 Aug 2022 06:26
 Operator : SY/MD
 Sample : N4075-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUY1

Quant Time: Aug 09 07:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

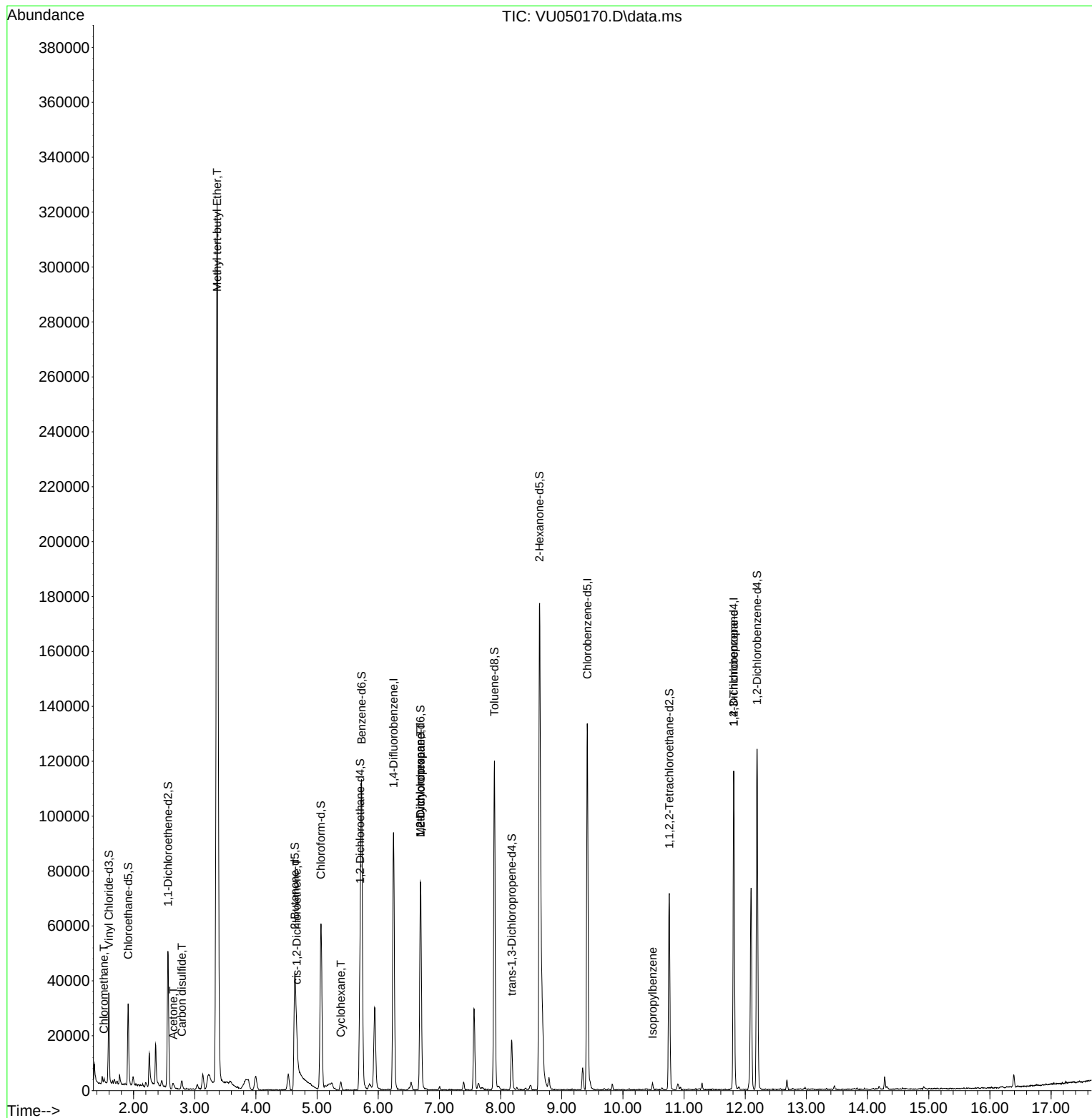
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77657	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	22244	3.442	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.800%	
7) Chloroethane-d5	1.912	69	21721	4.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.562	65	9671	3.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	4.636	46	78310	49.690	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.380%	
24) Chloroform-d	5.063	84	57762	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.703	65	31161	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.729	84	105339	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.690	67	39855	4.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.899	98	83187	3.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.182	79	11317	3.924	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.636	63	66366	64.889	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37351	5.285	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33650	5.404	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
3) Chloromethane	1.517	50	1337	0.144	ug/L	90
13) Acetone	2.649	43	3591	4.091	ug/L	98
14) Carbon disulfide	2.790	76	4696	0.245	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	355308	25.362	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	2382	0.357	ug/L	79
30) Cyclohexane	5.388	56	1265	0.151	ug/L #	83
35) Methylcyclohexane	6.690	83	8767	1.023	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3981	0.545	ug/L #	89
60) Isopropylbenzene	10.484	105	1935	0.091	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	3750	0.866	ug/L #	68

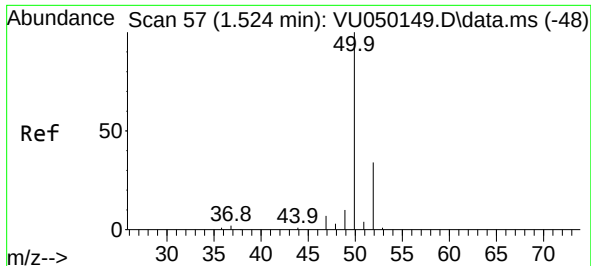
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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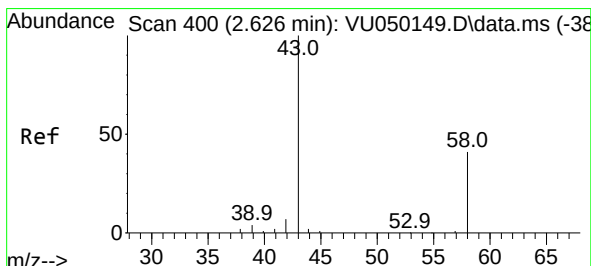
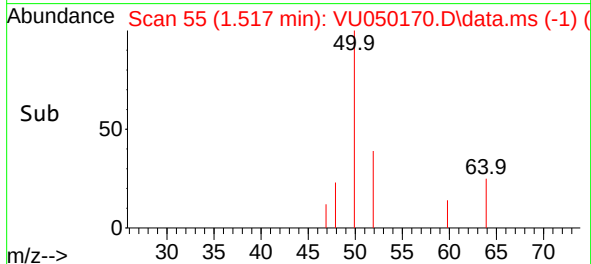
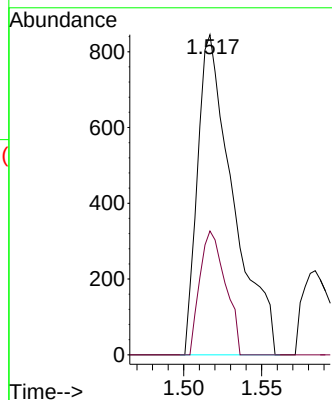
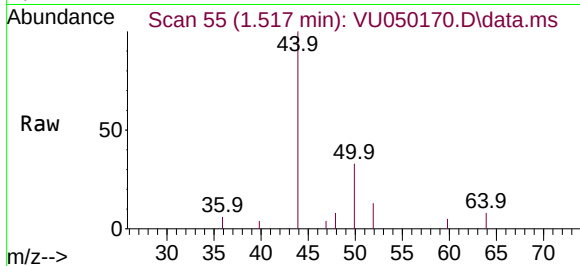




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

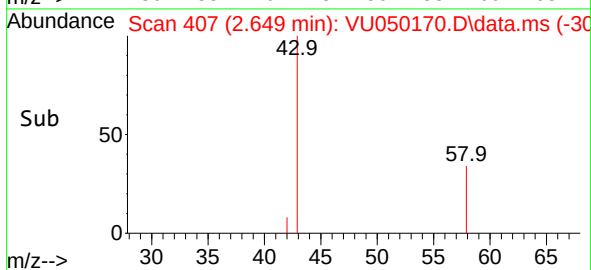
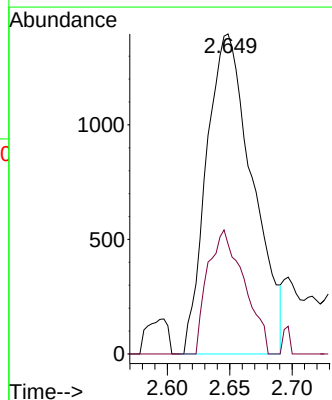
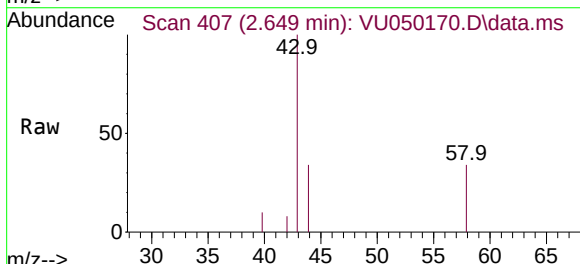
Instrument :
MSVOA_U
ClientSampleId :
DBUY1

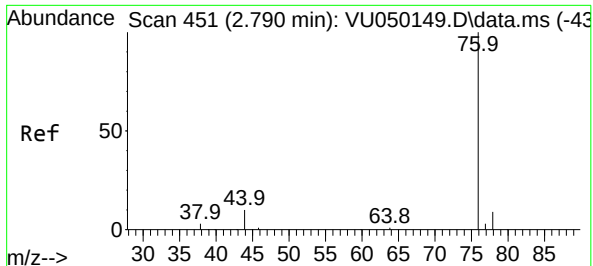
Tgt Ion: 50 Resp: 1337
Ion Ratio Lower Upper
50 100
52 38.7 23.2 43.2



#13
Acetone
Concen: 4.091 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.022 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

Tgt Ion: 43 Resp: 3591
Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.0

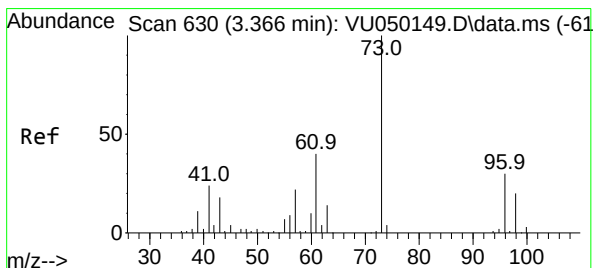
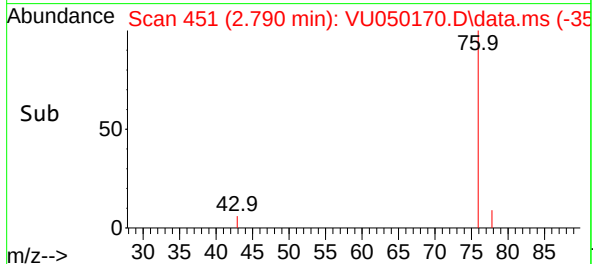
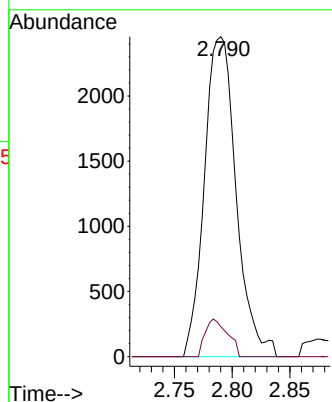
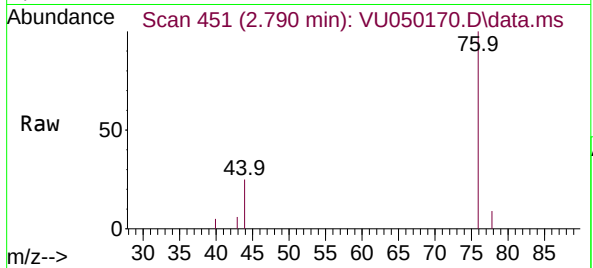




#14
Carbon disulfide
Concen: 0.245 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

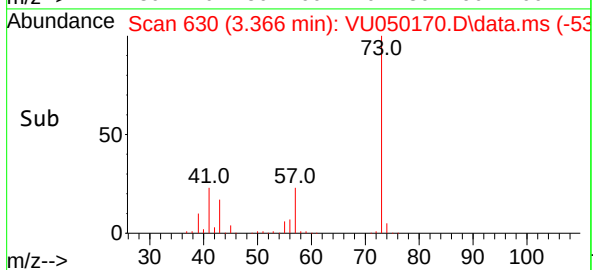
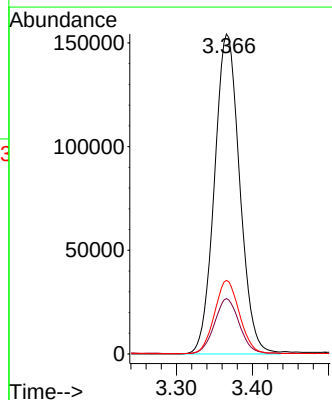
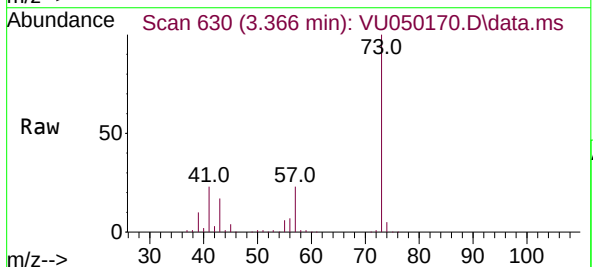
Instrument :
MSVOA_U
ClientSampleId :
DBUY1

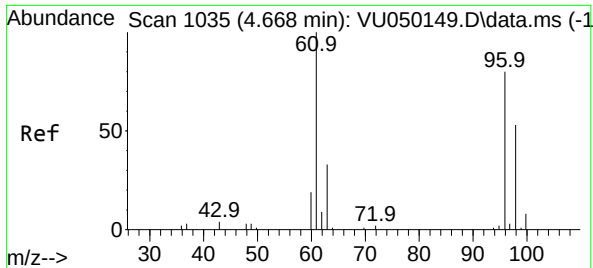
Tgt Ion: 76 Resp: 4696
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 25.362 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

Tgt Ion: 73 Resp: 355308
Ion Ratio Lower Upper
73 100
43 16.9 13.5 20.3
57 22.7 17.4 26.2





#22

cis-1,2-Dichloroethene

Concen: 0.357 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050170.D

Acq: 09 Aug 2022 06:26

Instrument :

MSVOA_U

ClientSampleId :

DBUY1

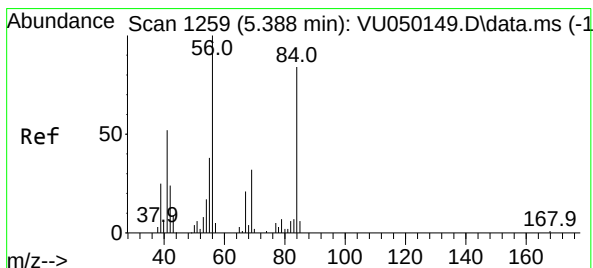
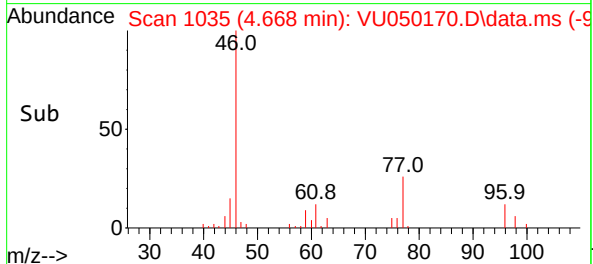
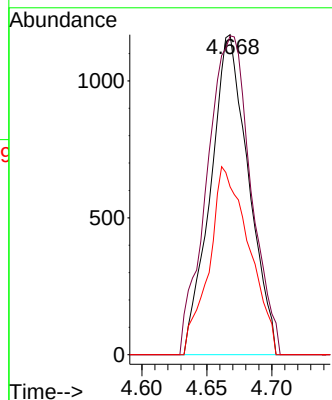
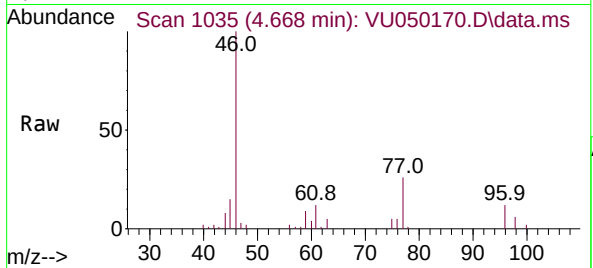
Tgt Ion: 96 Resp: 2382

Ion Ratio Lower Upper

96 100

61 99.7 89.0 165.4

98 52.4 45.2 84.0



#30

Cyclohexane

Concen: 0.151 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050170.D

Acq: 09 Aug 2022 06:26

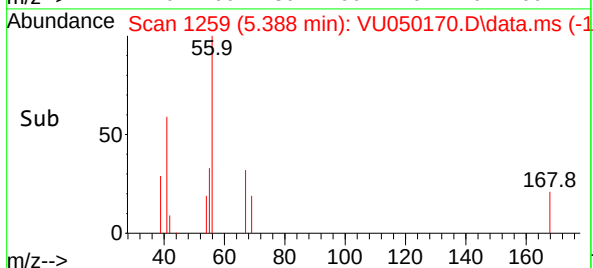
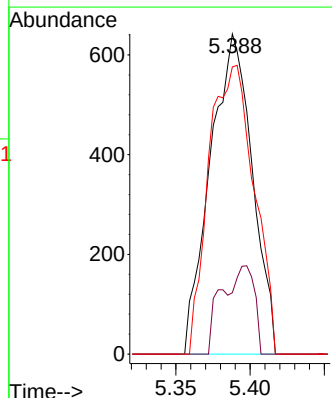
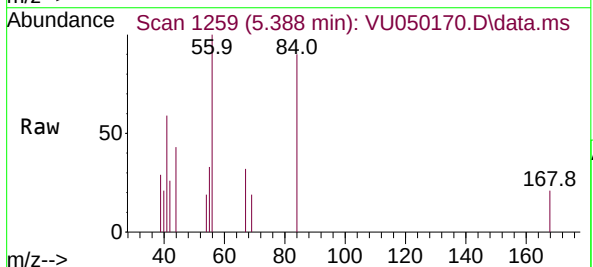
Tgt Ion: 56 Resp: 1265

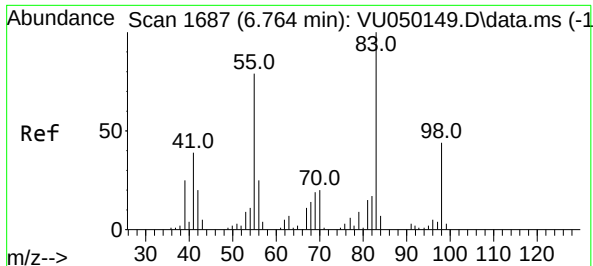
Ion Ratio Lower Upper

56 100

69 13.7 24.6 37.0#

84 96.8 69.1 103.7

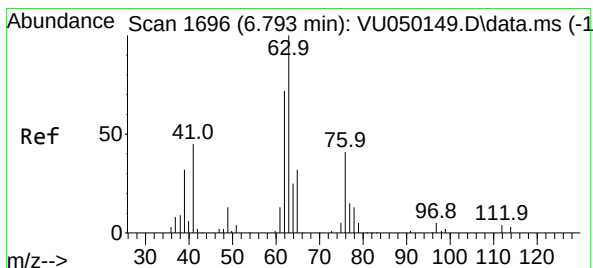
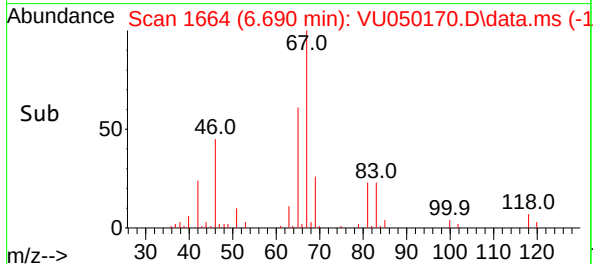
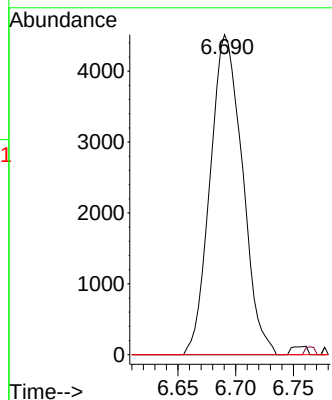
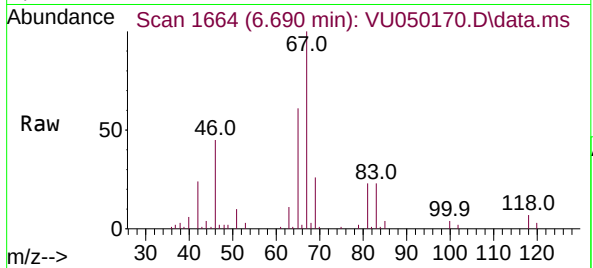




#35
Methylcyclohexane
Concen: 1.023 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

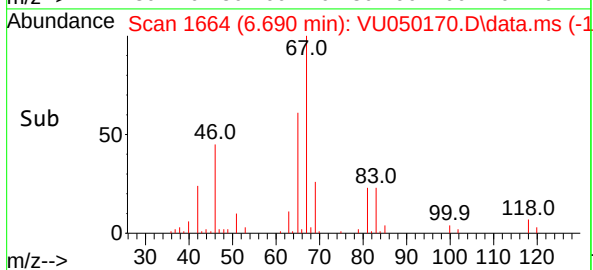
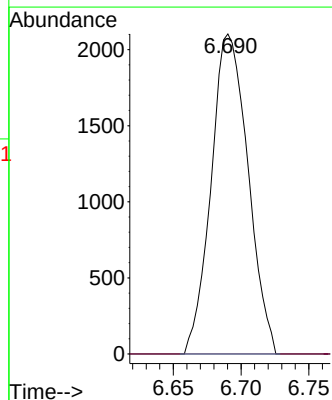
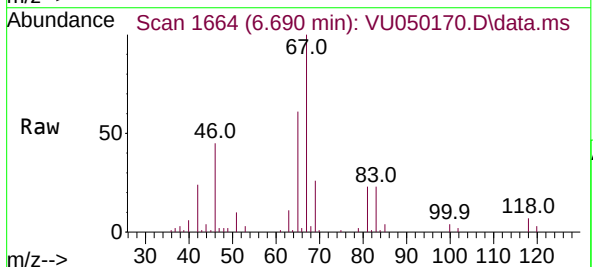
Instrument :
MSVOA_U
ClientSampleId :
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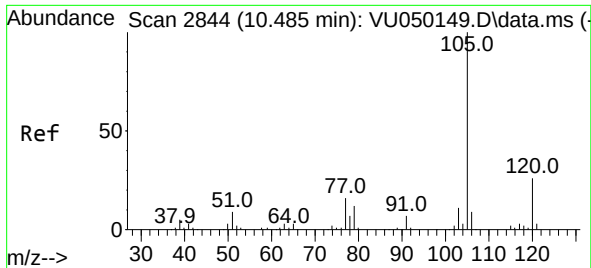
Tgt Ion: 83 Resp: 8767
Ion Ratio Lower Upper
83 100
55 0.7 62.7 94.1#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

Tgt Ion: 63 Resp: 3981
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

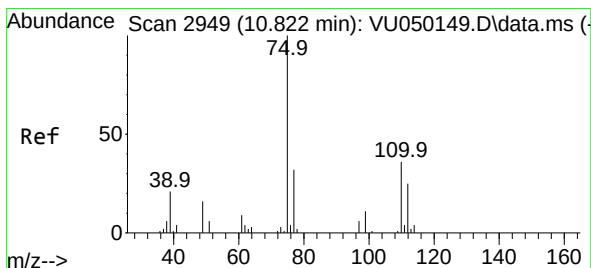
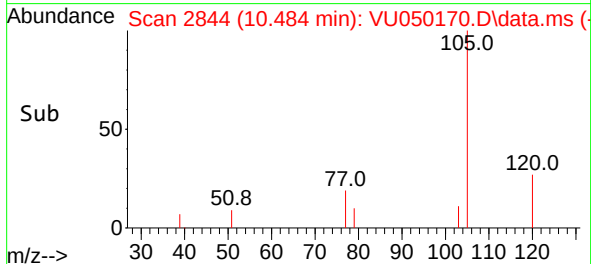
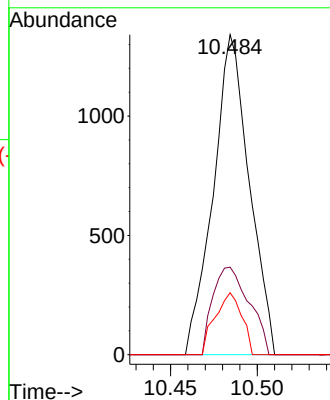
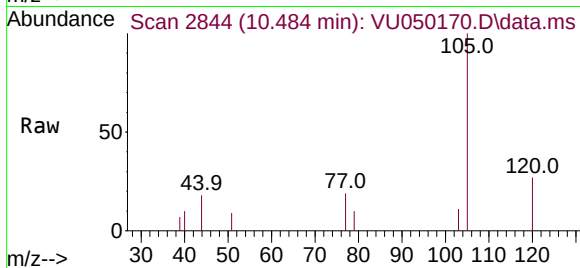




#60
Isopropylbenzene
Concen: 0.091 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050170.D
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Tgt Ion:105 Resp: 1935
Ion Ratio Lower Upper
105 100
120 27.6 20.8 31.2
77 14.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.866 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050170.D
Acq: 09 Aug 2022 06:26

Tgt Ion: 75 Resp: 3750
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 32.7 25.8 38.6

