

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050169.D
 Acq On : 09 Aug 2022 06:01
 Operator : SY/MD
 Sample : N4075-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUY0

Quant Time: Aug 09 07:01:31 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)

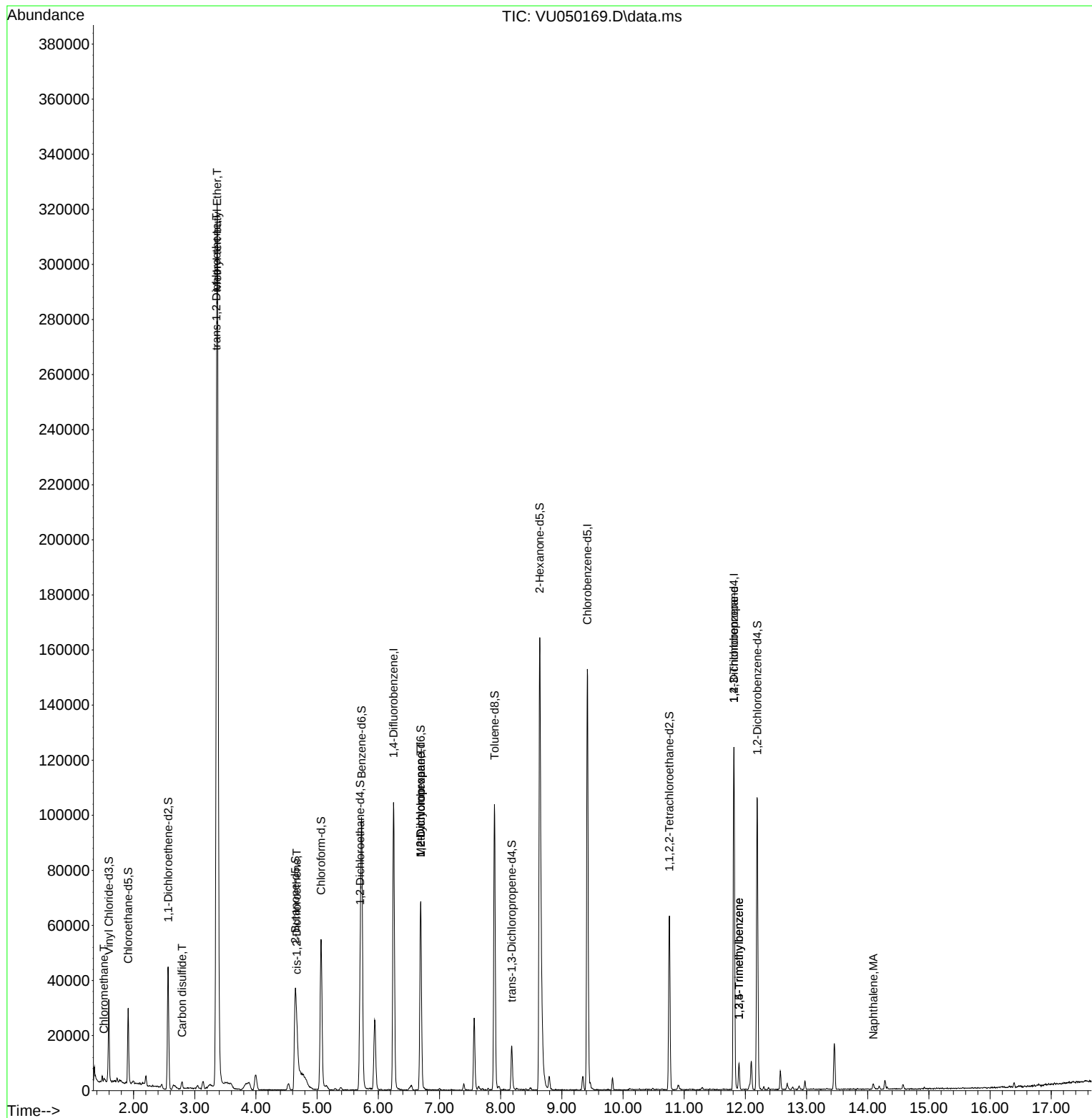
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	20235	2.816	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.400%	
7) Chloroethane-d5	1.912	69	19625	3.385	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	67.600%	
11) 1,1-Dichloroethene-d2	2.565	65	8593	3.059	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	4.645	46	75732	43.212	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.420%	
24) Chloroform-d	5.063	84	52241	3.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
26) 1,2-Dichloroethane-d4	5.703	65	28110	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
32) Benzene-d6	5.729	84	93489	3.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.800%#	
36) 1,2-Dichloropropane-d6	6.694	67	35172	3.933	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.600%	
41) Toluene-d8	7.899	98	73193	3.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.000%#	
43) trans-1,3-Dichloroprop...	8.182	79	10060	3.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.800%	
46) 2-Hexanone-d5	8.639	63	58326	51.319	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33842	4.309	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	28277	4.098	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1347	0.130	ug/L #	82
14) Carbon disulfide	2.793	76	3770	0.177	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	359205	23.056	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	837	0.125	ug/L #	80
22) cis-1,2-Dichloroethene	4.668	96	1904	0.257	ug/L	97
35) Methylcyclohexane	6.694	83	7802	0.820	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3332	0.410	ug/L #	91
61) 1,2,3-Trichloropropane	11.812	75	4338	0.904	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.896	105	5350	0.805	ug/L	99
63) 1,2,4-Trimethylbenzene	11.896	105	5350	0.295	ug/L	94
71) Naphthalene	14.092	128	2643	0.201	ug/L	95

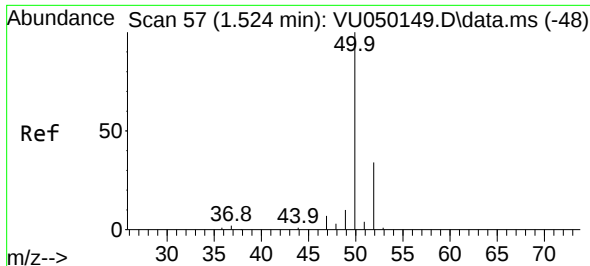
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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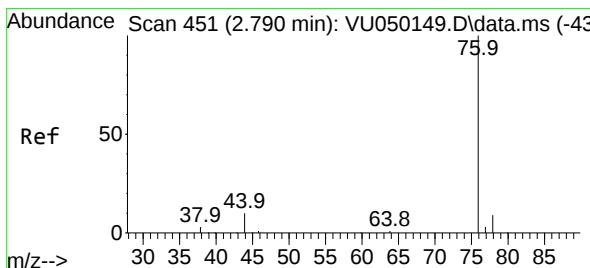
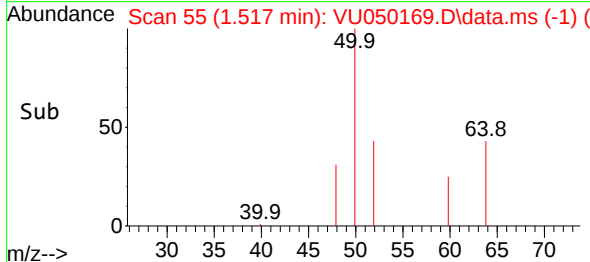
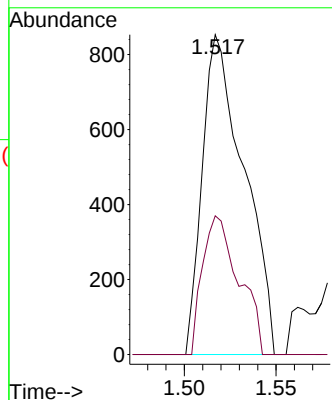
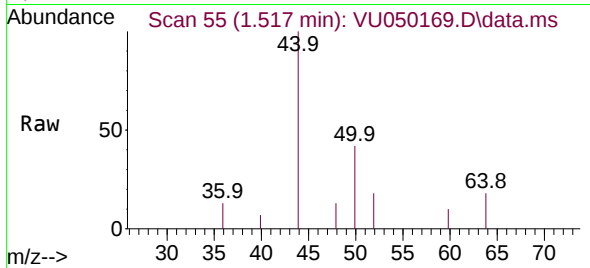




#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

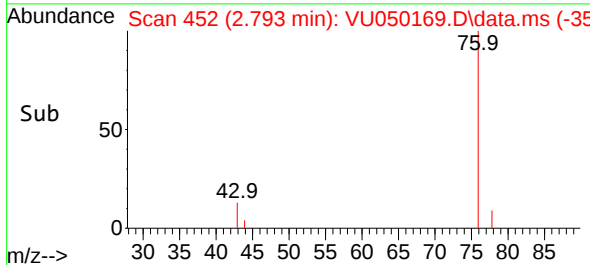
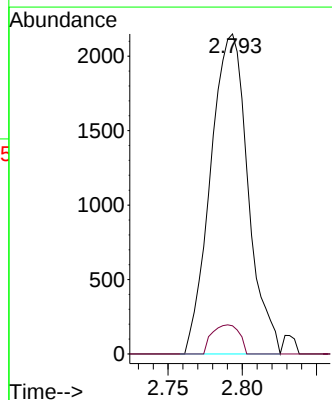
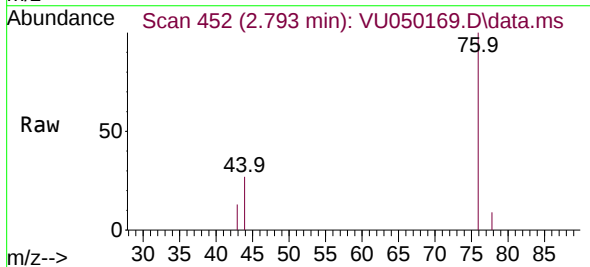
Instrument :
MSVOA_U
ClientSampleId :
DBUY0

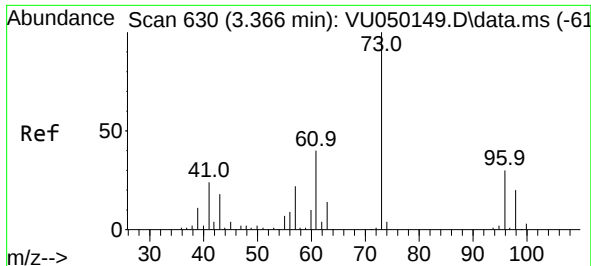
Tgt Ion: 50 Resp: 1347
Ion Ratio Lower Upper
50 100
52 43.4 23.2 43.2#



#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Tgt Ion: 76 Resp: 3770
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#17

Methyl tert-butyl Ether

Concen: 23.056 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

Instrument :

MSVOA_U

ClientSampleId :

DBUY0

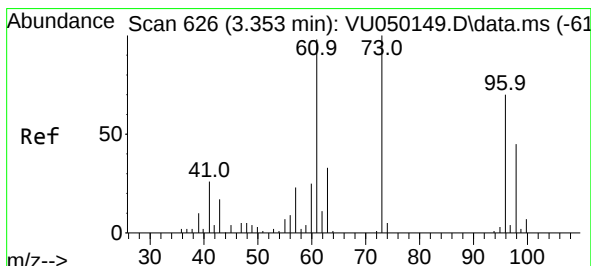
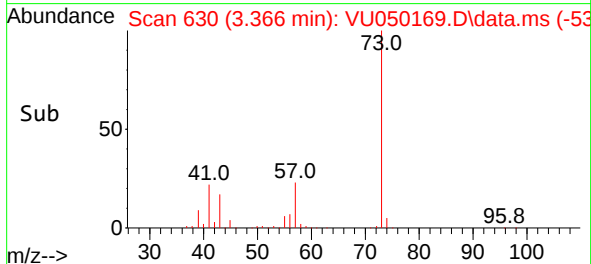
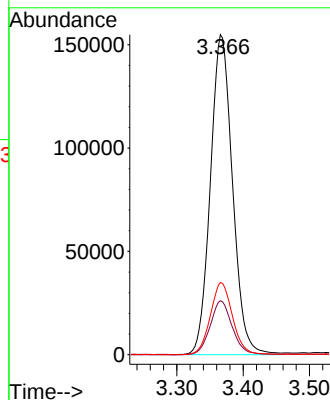
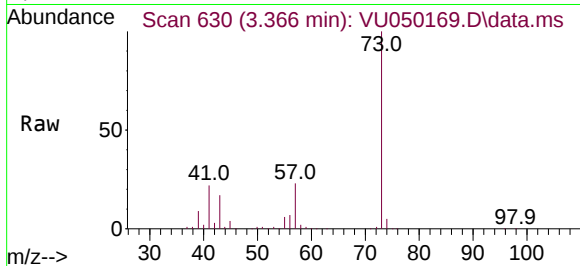
Tgt Ion: 73 Resp: 359205

Ion Ratio Lower Upper

73 100

43 16.8 13.5 20.3

57 22.7 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 0.125 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

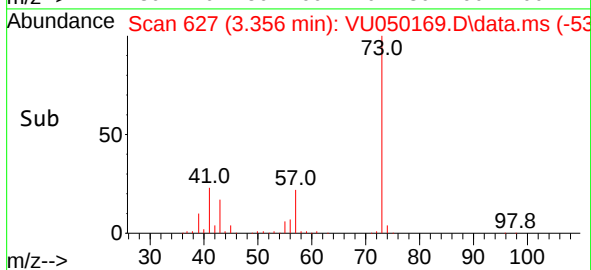
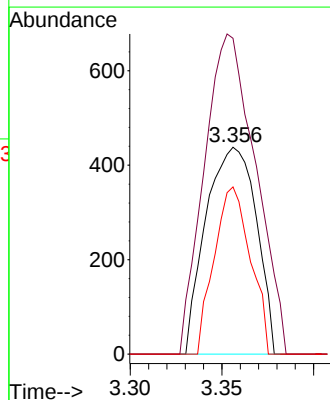
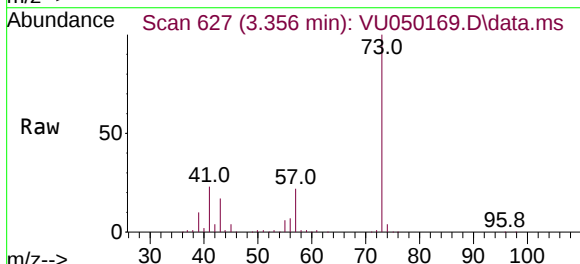
Tgt Ion: 96 Resp: 837

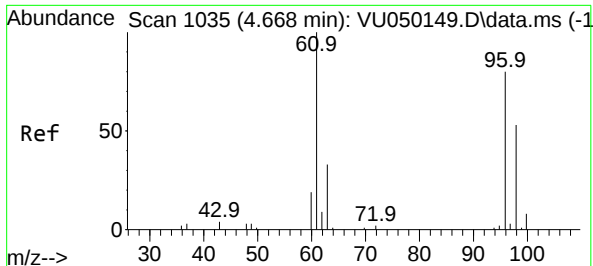
Ion Ratio Lower Upper

96 100

61 152.7 92.3 171.5

98 80.8 43.2 80.2#





#22

cis-1,2-Dichloroethene

Concen: 0.257 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

Instrument :

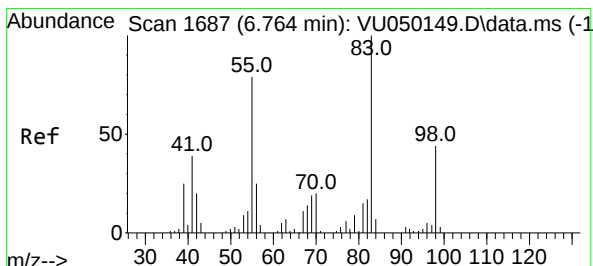
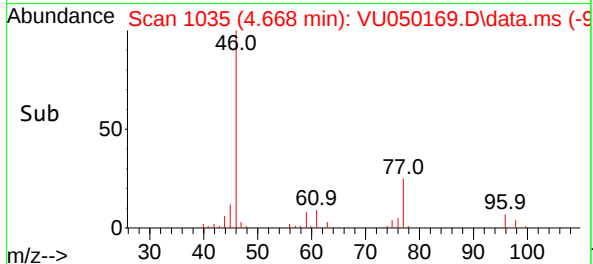
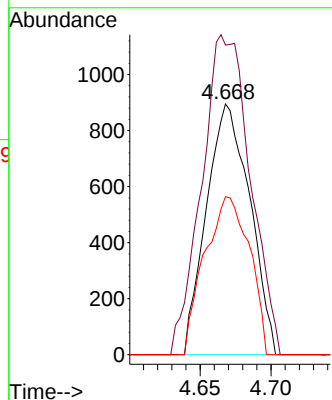
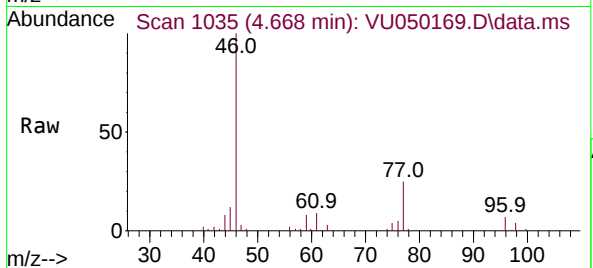
MSVOA_U

ClientSampleId :

DBUY0

Tgt Ion: 96 Resp: 1904

Ion	Ratio	Lower	Upper
96	100		
61	123.5	89.0	165.4
98	63.0	45.2	84.0



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.694 min Scan# 1665

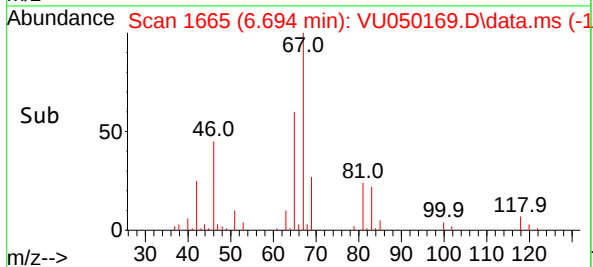
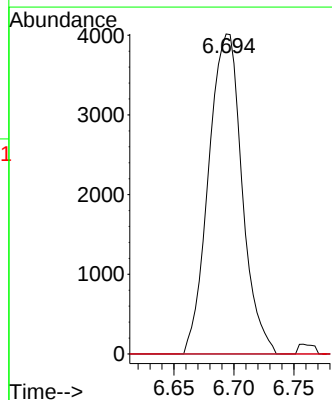
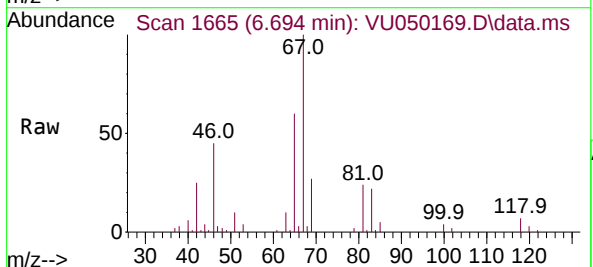
Delta R.T. -0.071 min

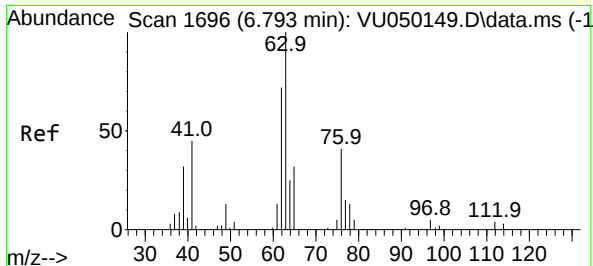
Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

Tgt Ion: 83 Resp: 7802

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.2	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.410 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

Instrument :

MSVOA_U

ClientSampleId :

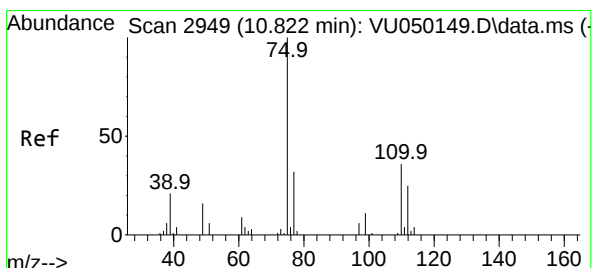
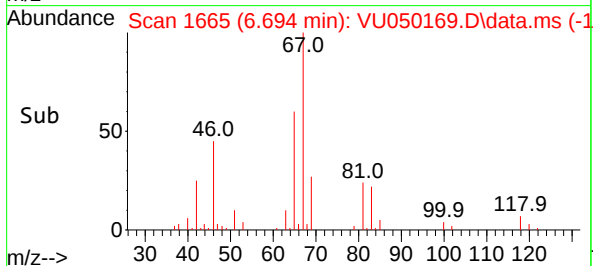
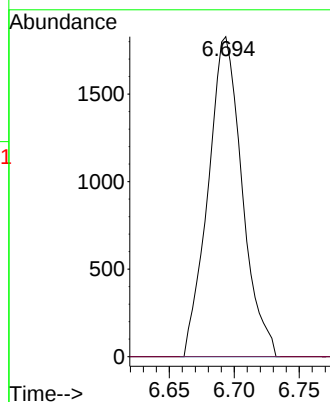
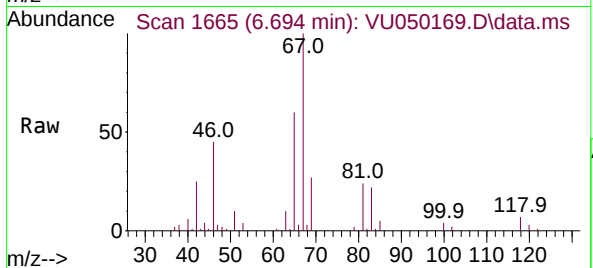
DBUY0

Tgt Ion: 63 Resp: 3332

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.904 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

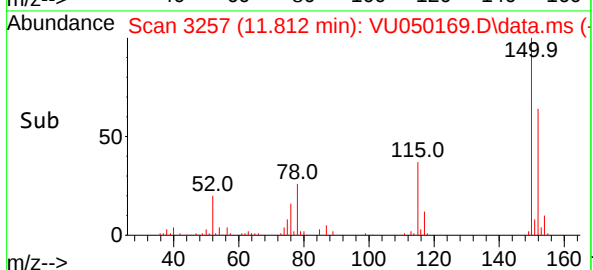
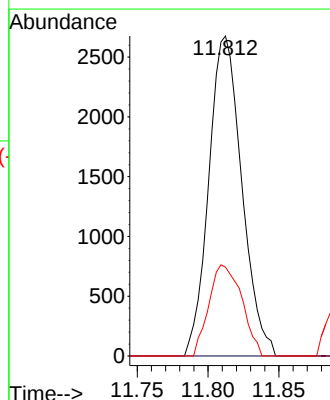
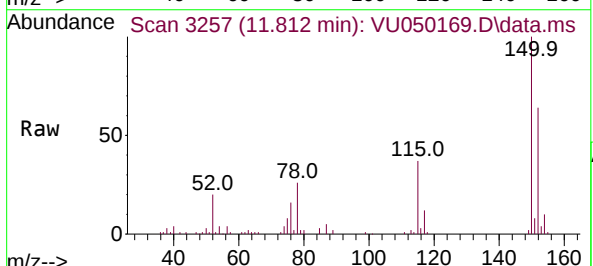
Tgt Ion: 75 Resp: 4338

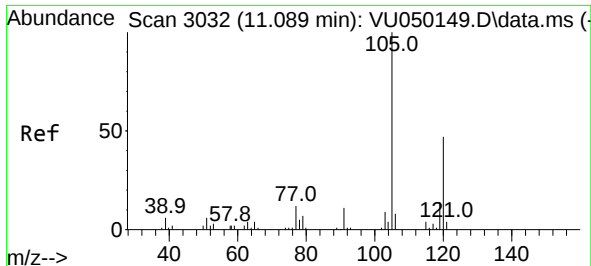
Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 28.3 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 0.805 ug/L

RT: 11.896 min Scan# 31

Delta R.T. 0.807 min

Lab File: VU050169.D

Acq: 09 Aug 2022 06:01

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MSVOA_U

ClientSampleId :

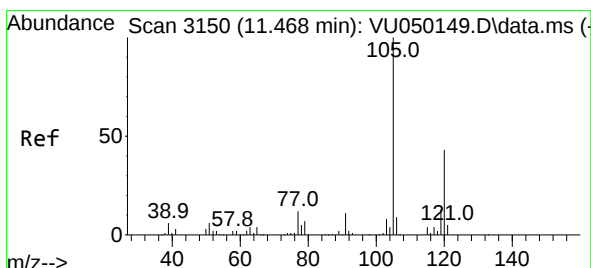
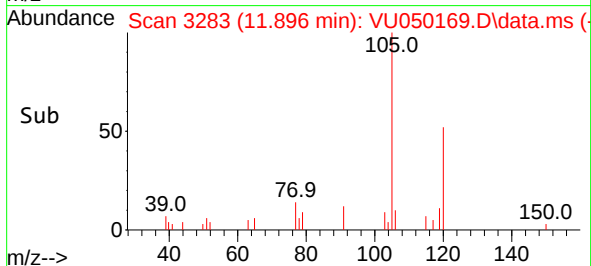
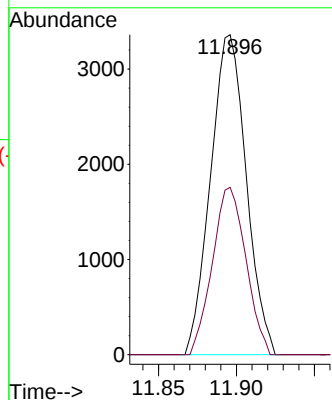
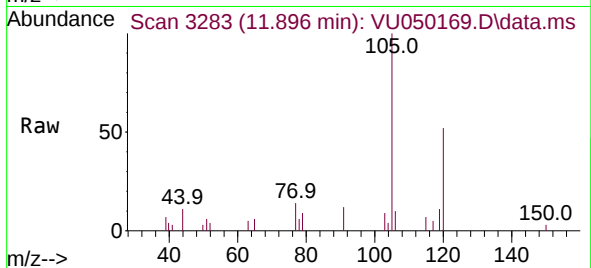
DBUY0

Tgt Ion:105 Resp: 5350

Ion Ratio Lower Upper

105 100

120 49.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.295 ug/L

RT: 11.896 min Scan# 3283

Delta R.T. 0.427 min

Lab File: VU050169.D

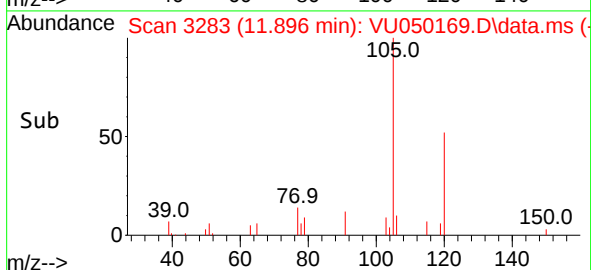
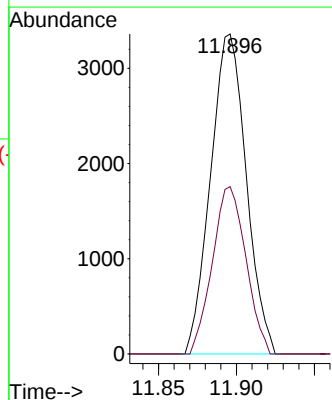
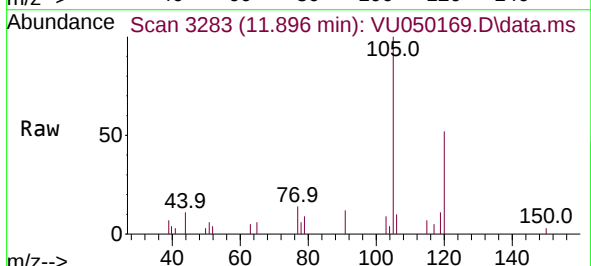
Acq: 09 Aug 2022 06:01

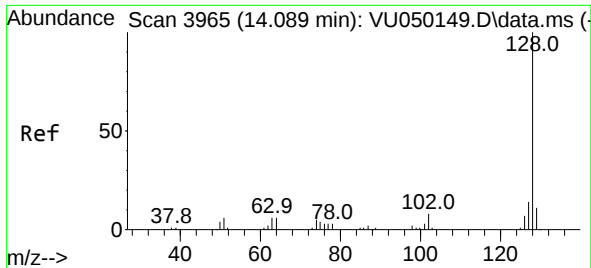
Tgt Ion:105 Resp: 5350

Ion Ratio Lower Upper

105 100

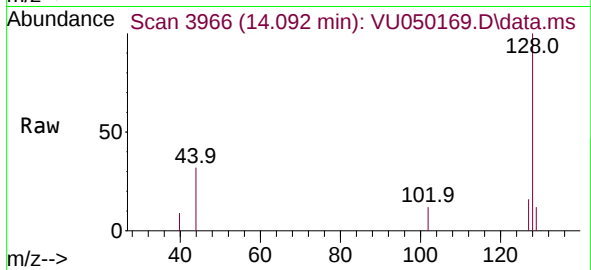
120 49.0 35.9 53.9





#71
Naphthalene
Concen: 0.201 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Instrument :
MSVOA_U
ClientSampleId :
DBUY0



Tgt Ion:	128	Resp:	2643
Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.6	12.8
127	11.5	10.6	16.0

