

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050321.D
 Acq On : 13 Aug 2022 16:15
 Operator : SY/MD
 Sample : N4072-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX1DL

Quant Time: Aug 14 01:27:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

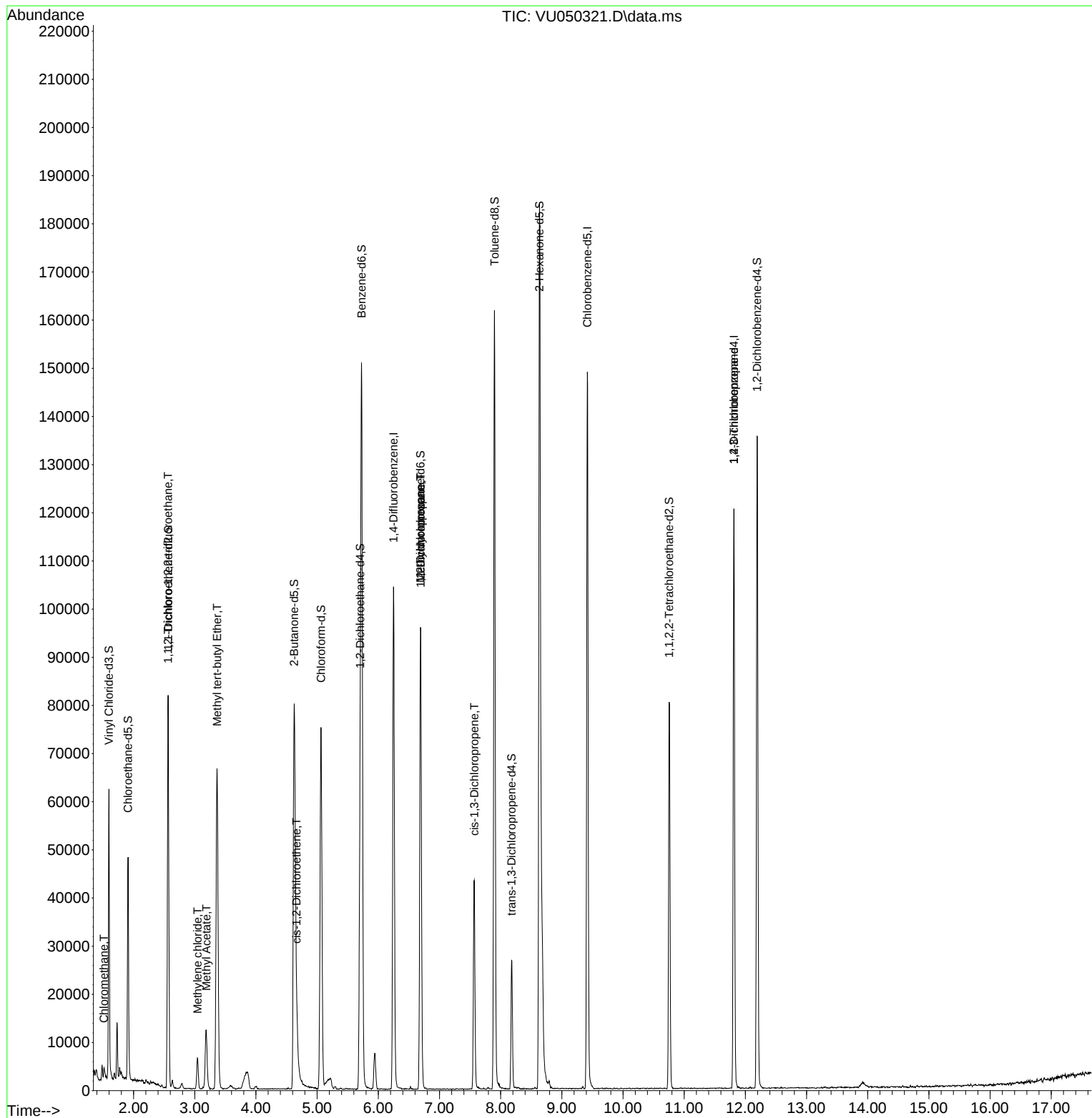
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41991	5.831	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.600%		
7) Chloroethane-d5	1.909	69	33745	5.808	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.200%		
11) 1,1-Dichloroethene-d2	2.565	65	15561	5.529	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.600%		
20) 2-Butanone-d5	4.623	46	102405	58.313	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.620%		
24) Chloroform-d	5.063	84	71422	5.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
26) 1,2-Dichloroethane-d4	5.703	65	38760	5.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	5.726	84	144000	5.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.690	67	48648	5.486	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.800%		
41) Toluene-d8	7.899	98	111809	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.000%		
43) trans-1,3-Dichloroprop...	8.179	79	16036	5.047	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.000%		
46) 2-Hexanone-d5	8.632	63	58658	52.058	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.120%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42114	5.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	38073	5.930	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.600%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1991	0.192	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	379	0.067	ug/L #	22
15) Methyl Acetate	3.192	43	944	0.354	ug/L #	46
16) Methylene chloride	3.044	84	3343	0.366	ug/L	89
17) Methyl tert-butyl Ether	3.366	73	69791	4.471	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	3058	0.411	ug/L	95
35) Methylcyclohexane	6.690	83	10544	1.117	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4873	0.605	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1126	0.107	ug/L #	76
61) 1,2,3-Trichloropropane	11.812	75	4118	0.923	ug/L #	66

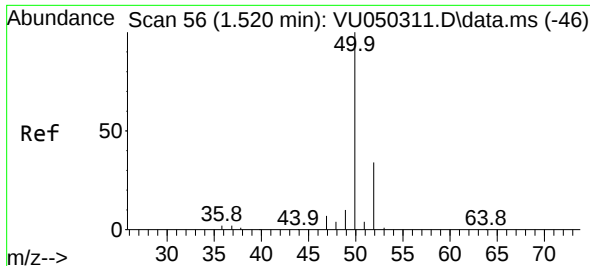
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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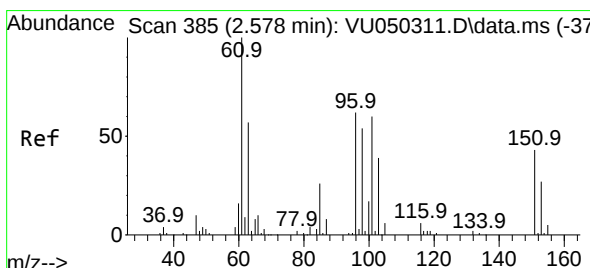
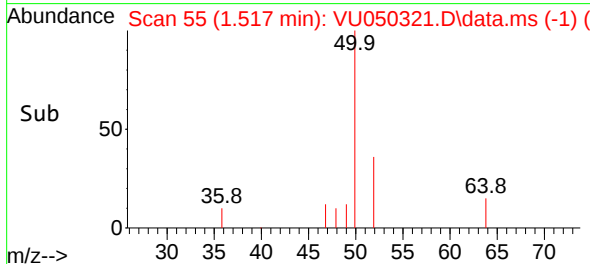
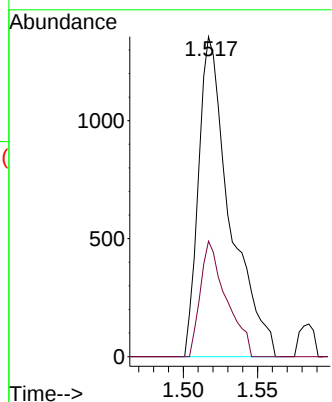
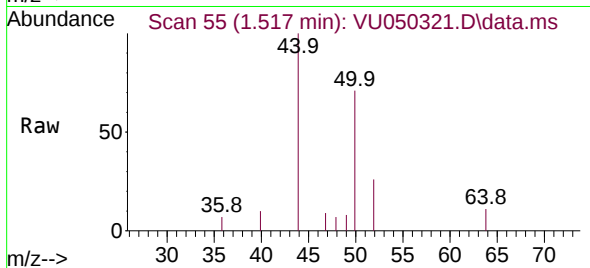




#3
Chloromethane
Concen: 0.192 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050321.D
Acq: 13 Aug 2022 16:15

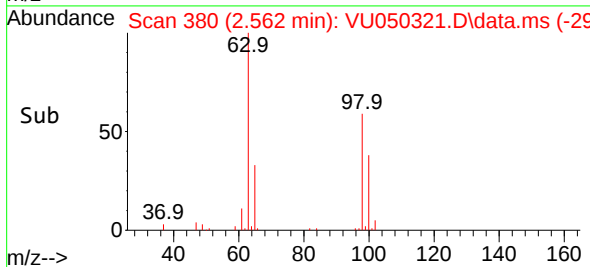
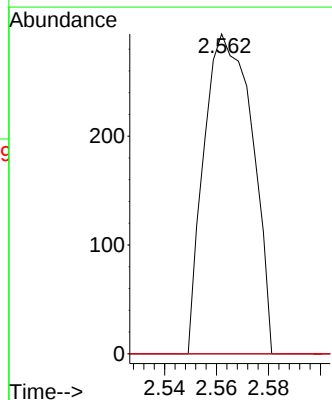
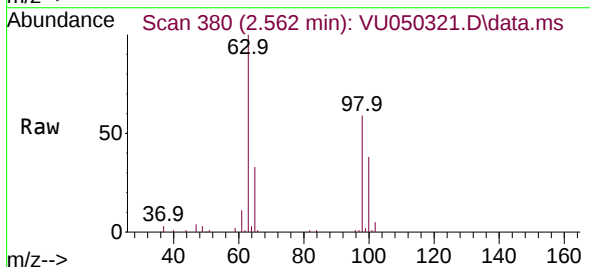
Instrument :
MSVOA_U
ClientSampleId :
DBUX1DL

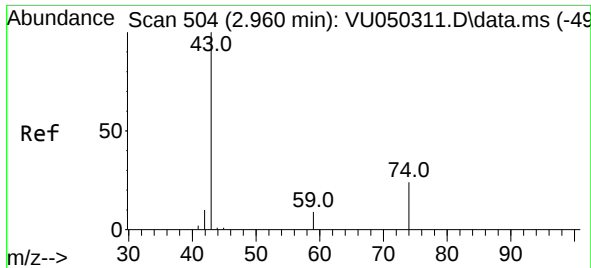
Tgt Ion: 50 Resp: 1991
Ion Ratio Lower Upper
50 100
52 36.1 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050321.D
Acq: 13 Aug 2022 16:15

Tgt Ion: 101 Resp: 379
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

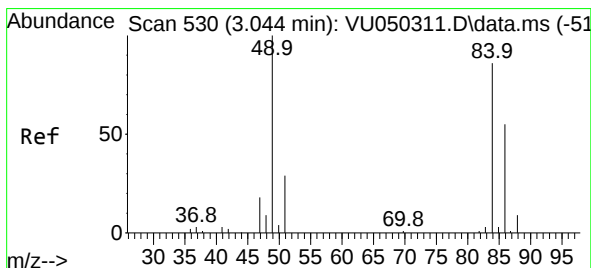
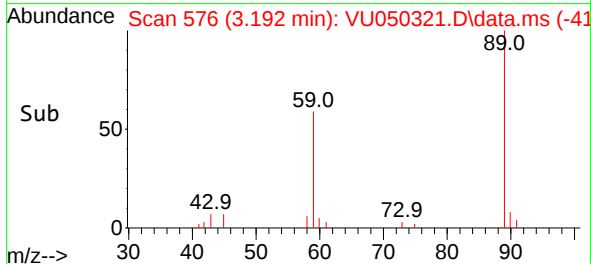
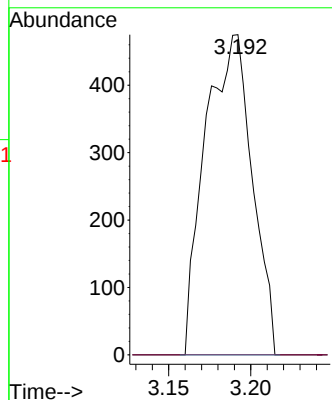
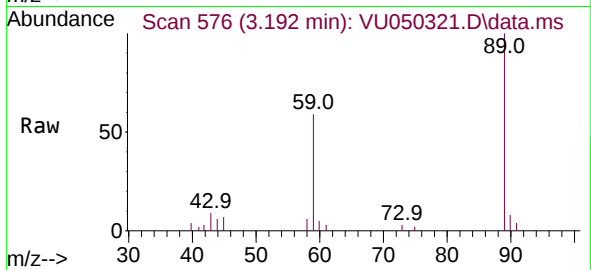




#15
Methyl Acetate
Concen: 0.354 ug/L
RT: 3.192 min Scan# 51
Delta R.T. 0.232 min
Lab File: VU050321.D
Acq: 13 Aug 2022 16:15

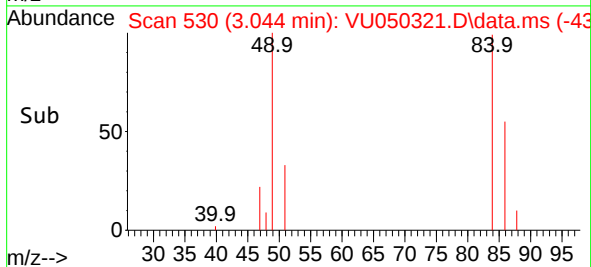
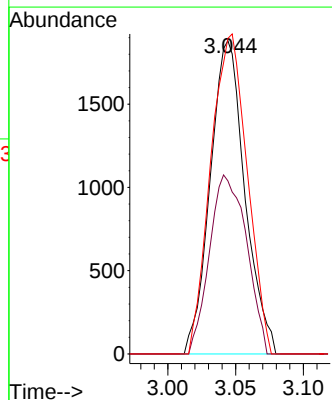
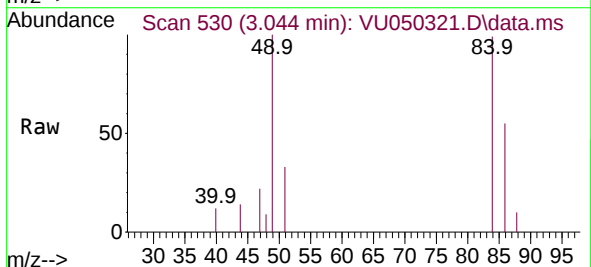
Instrument :
MSVOA_U
ClientSampleId :
DBUX1DL

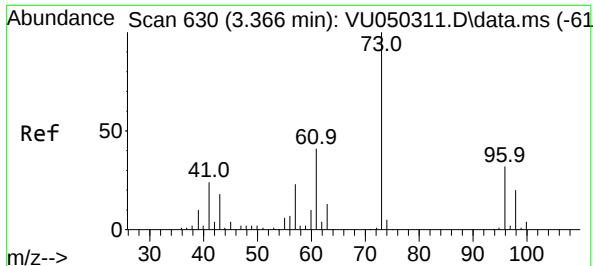
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 0.366 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050321.D
Acq: 13 Aug 2022 16:15

Tgt Ion: 84 Resp: 3343
Ion Ratio Lower Upper
84 100
86 55.3 45.9 85.3
49 100.7 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 4.471 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050321.D

Acq: 13 Aug 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

DBUX1DL

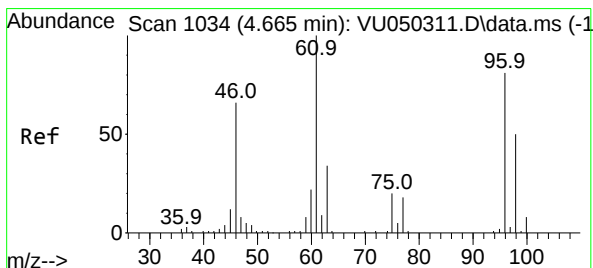
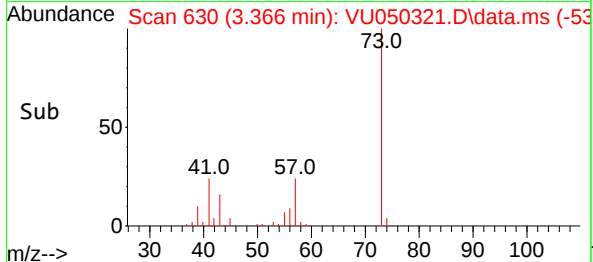
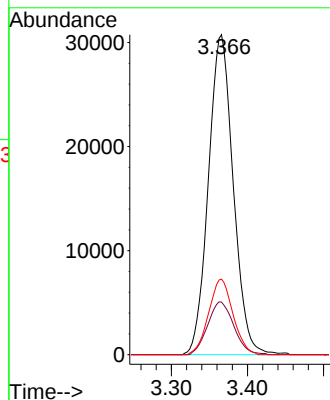
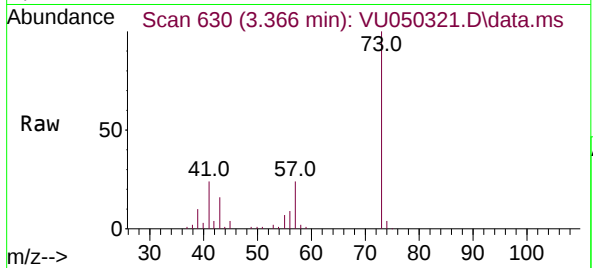
Tgt Ion: 73 Resp: 69791

Ion Ratio Lower Upper

73 100

43 17.3 13.5 20.3

57 23.1 17.4 26.2



#22

cis-1,2-Dichloroethene

Concen: 0.411 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050321.D

Acq: 13 Aug 2022 16:15

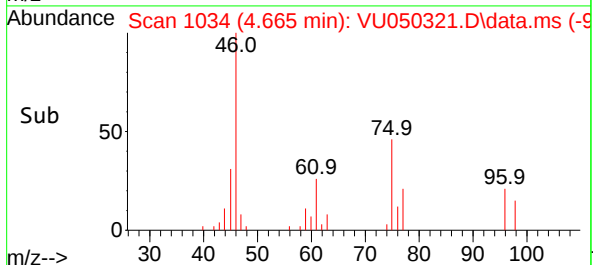
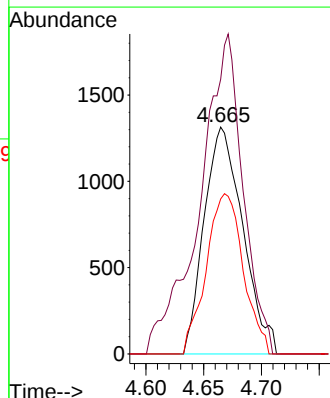
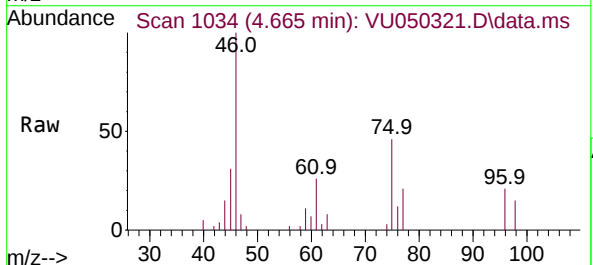
Tgt Ion: 96 Resp: 3058

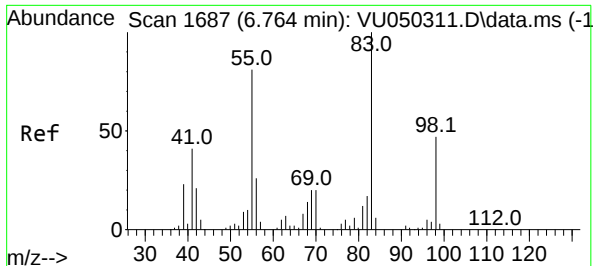
Ion Ratio Lower Upper

96 100

61 121.2 89.0 165.4

98 68.3 45.2 84.0





#35

Methylcyclohexane

Concen: 1.117 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050321.D

Acq: 13 Aug 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

DBUX1DL

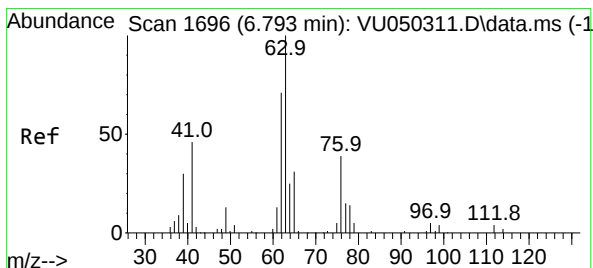
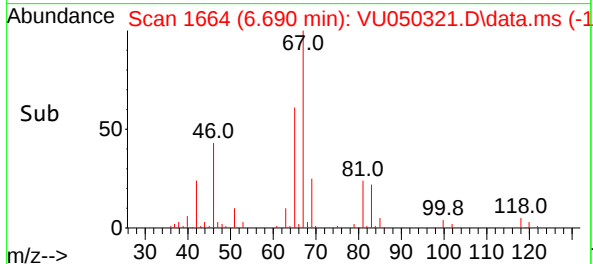
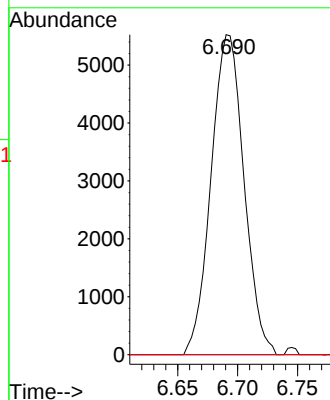
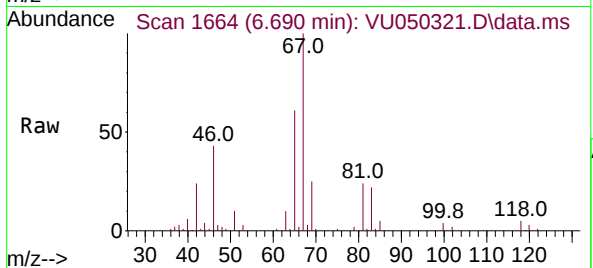
Tgt Ion: 83 Resp: 10544

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.099 min

Lab File: VU050321.D

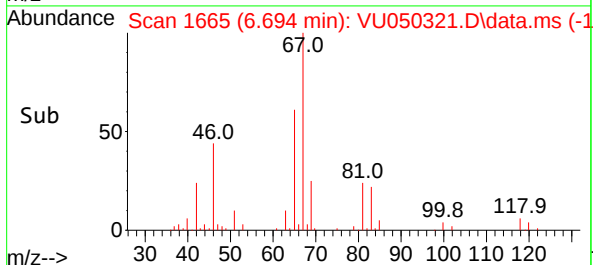
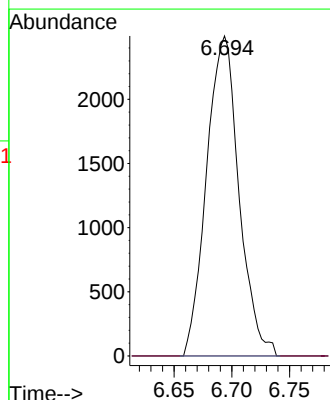
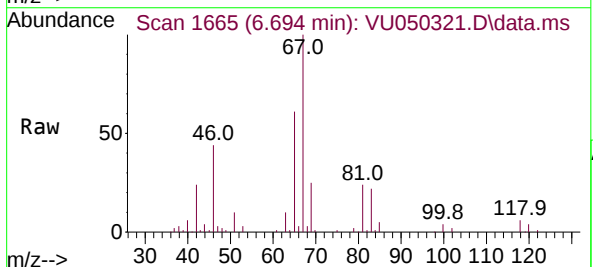
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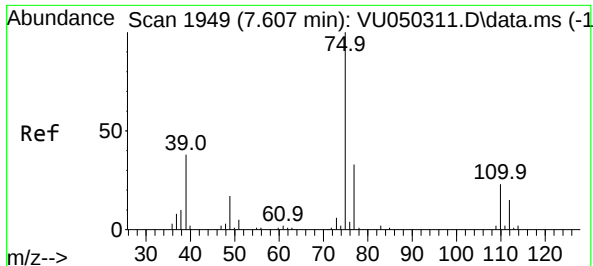
Tgt Ion: 63 Resp: 4873

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.038 min

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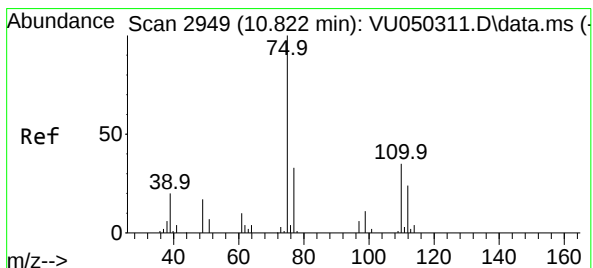
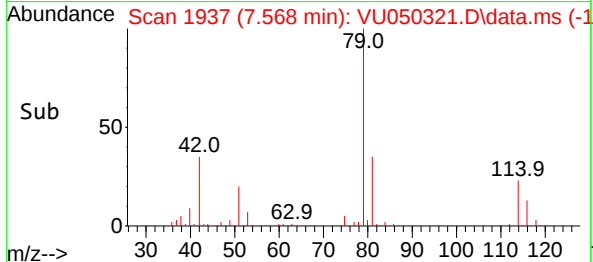
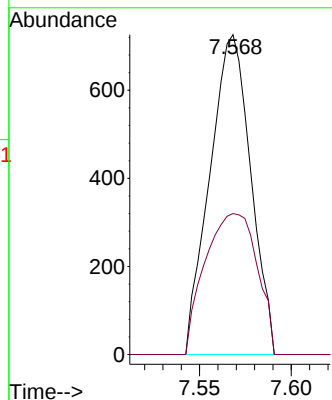
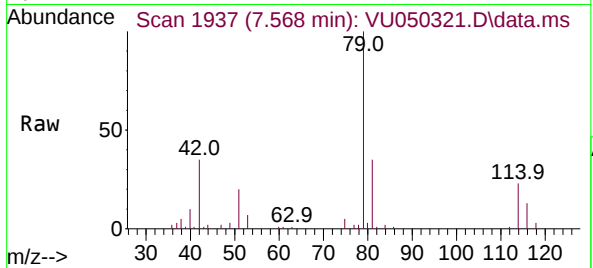
DBUX1DL

Tgt Ion: 75 Resp: 1126

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.923 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU050321.D

Acq: 13 Aug 2022 16:15

Tgt Ion: 75 Resp: 4118

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 29.6 25.8 38.6

