

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050322.D
 Acq On : 13 Aug 2022 16:39
 Operator : SY/MD
 Sample : N4072-19DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX6DL

Quant Time: Aug 14 01:28:09 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)

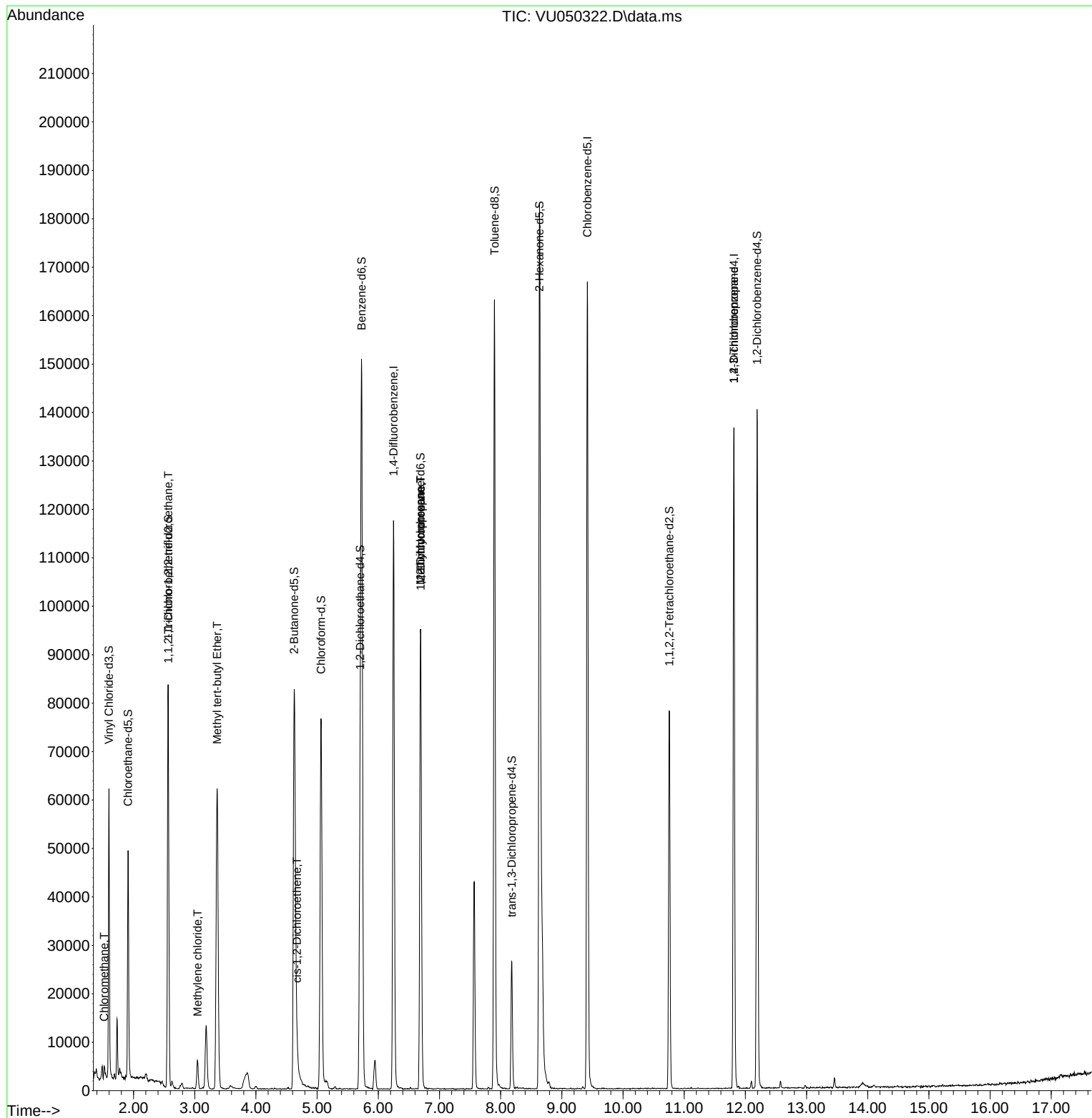
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	95892	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	95275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	37376	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	41808	5.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5		1.909	69	34964	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.600%		
11) 1,1-Dichloroethene-d2		2.565	65	15732	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5		4.623	46	103084	52.971	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.940%		
24) Chloroform-d		5.063	84	73230	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4		5.703	65	38471	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 101.000%		
32) Benzene-d6		5.729	84	143155	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.200%		
36) 1,2-Dichloropropane-d6		6.690	67	49074	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.200%		
41) Toluene-d8		7.899	98	112849	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 86.000%		
43) trans-1,3-Dichloroprop...		8.182	79	15660	4.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 89.200%		
46) 2-Hexanone-d5		8.632	63	56767	45.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 91.260%		
56) 1,1,2,2-Tetrachloroeth...		10.755	84	41577	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.800%		
66) 1,2-Dichlorobenzene-d4		12.192	152	38356	5.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.800%		
Target Compounds							Qvalue
3) Chloromethane		1.520	50	2214	0.193	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...		2.568	101	432	0.069	ug/L #	22
16) Methylene chloride		3.044	84	2850	0.281	ug/L	94
17) Methyl tert-butyl Ether		3.366	73	66402	3.838	ug/L	97
22) cis-1,2-Dichloroethene		4.671	96	842	0.102	ug/L	86
35) Methylcyclohexane		6.690	83	11312	1.085	ug/L #	18
37) 1,2-Dichloropropane		6.694	63	4895	0.551	ug/L #	89
61) 1,2,3-Trichloropropane		11.812	75	4412	0.867	ug/L #	68

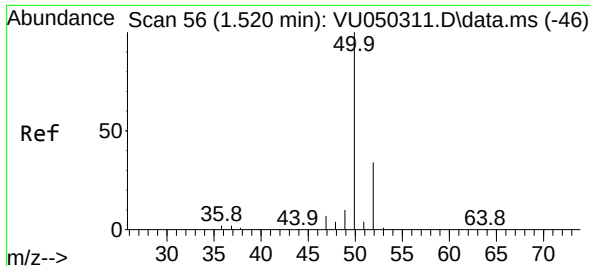
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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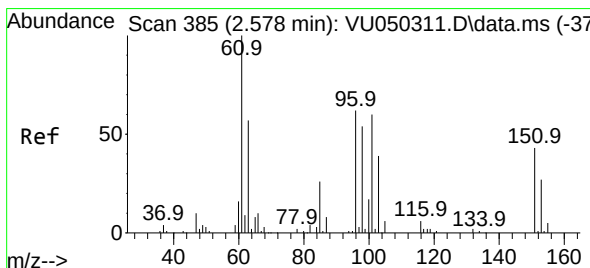
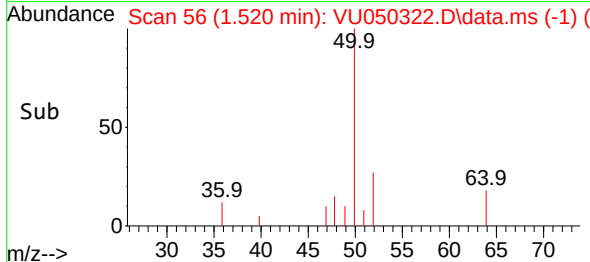
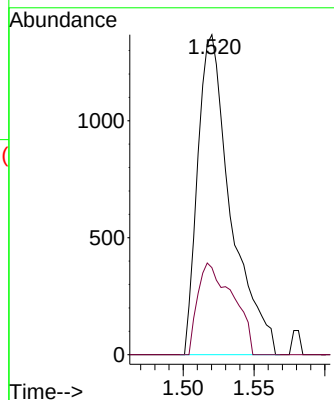
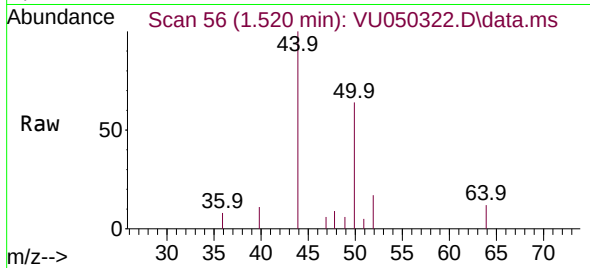




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050322.D
Acq: 13 Aug 2022 16:39

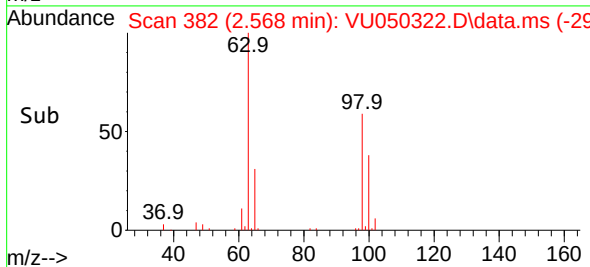
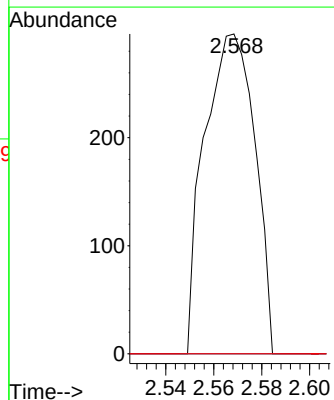
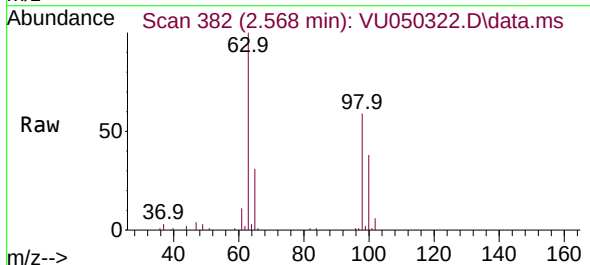
Instrument :
MSVOA_U
ClientSampleId :
DBUX6DL

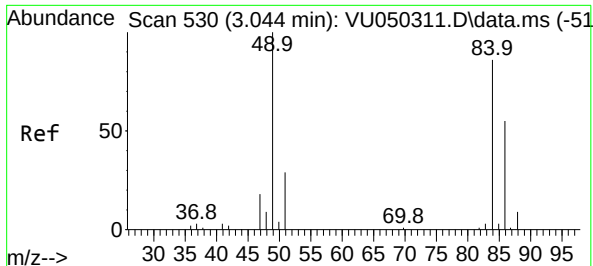
Tgt Ion: 50 Resp: 2214
Ion Ratio Lower Upper
50 100
52 27.2 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.009 min
Lab File: VU050322.D
Acq: 13 Aug 2022 16:39

Tgt Ion: 101 Resp: 432
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

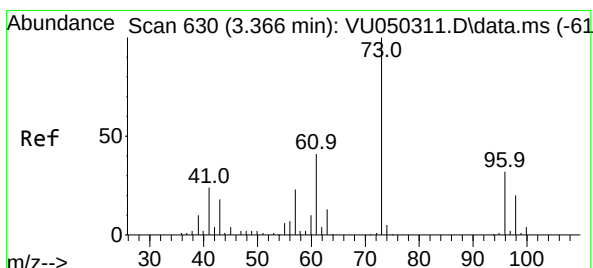
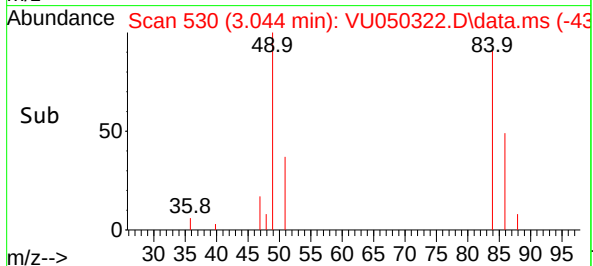
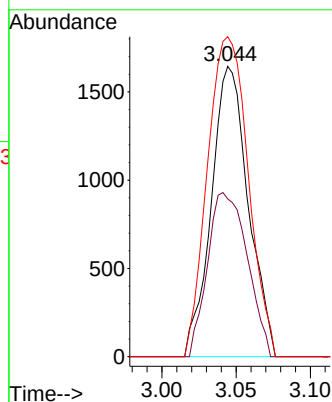
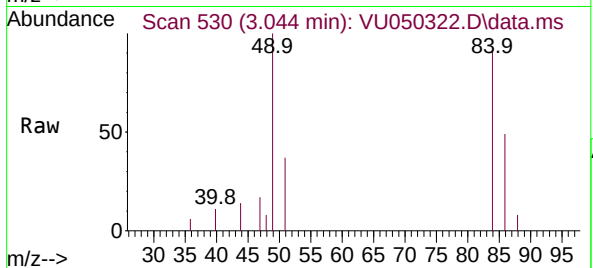




#16
Methylene chloride
Concen: 0.281 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050322.D
Acq: 13 Aug 2022 16:39

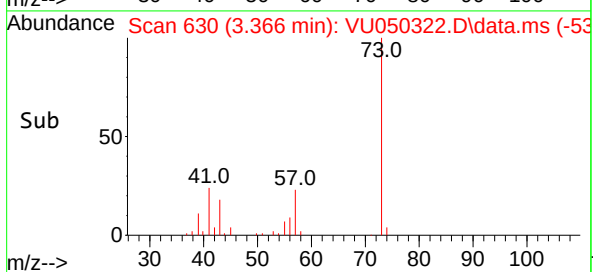
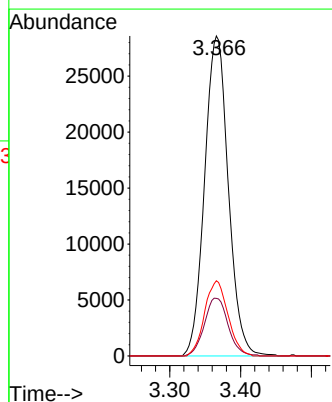
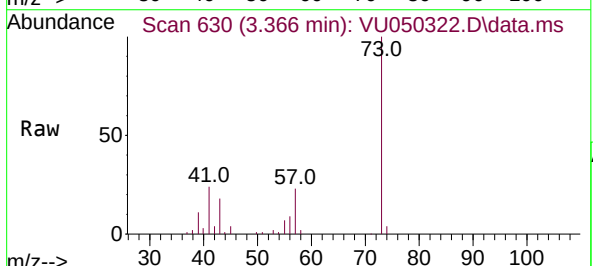
Instrument :
MSVOA_U
ClientSampleId :
DBUX6DL

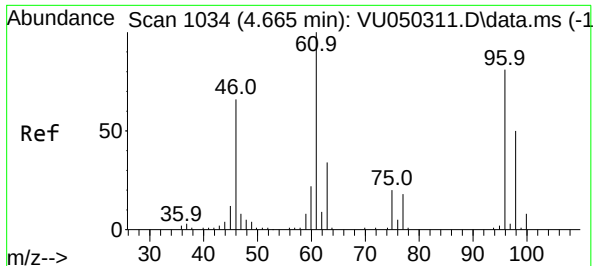
Tgt Ion: 84 Resp: 2850
Ion Ratio Lower Upper
84 100
86 54.3 45.9 85.3
49 110.2 77.6 144.0



#17
Methyl tert-butyl Ether
Concen: 3.838 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050322.D
Acq: 13 Aug 2022 16:39

Tgt Ion: 73 Resp: 66402
Ion Ratio Lower Upper
73 100
43 18.1 13.5 20.3
57 23.1 17.4 26.2





#22

cis-1,2-Dichloroethene

Concen: 0.102 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU050322.D

Acq: 13 Aug 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

DBUX6DL

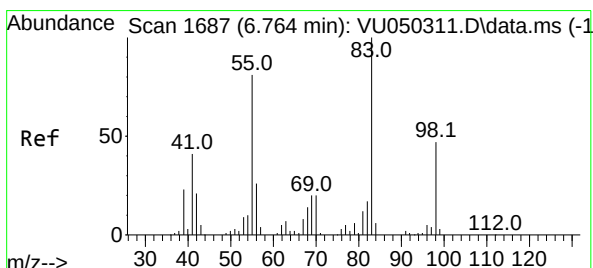
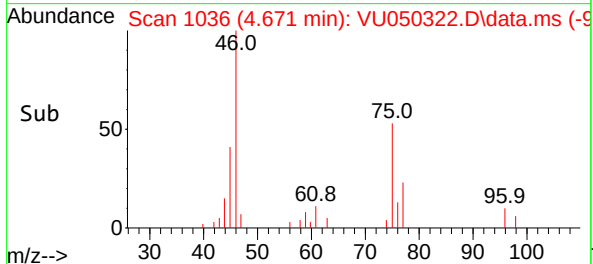
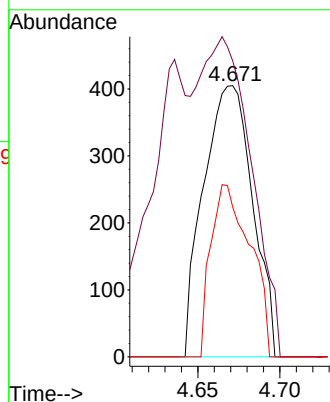
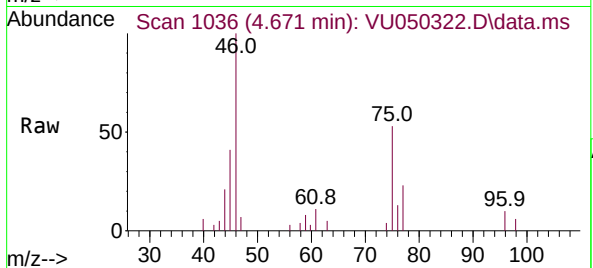
Tgt Ion: 96 Resp: 842

Ion Ratio Lower Upper

96 100

61 109.1 89.0 165.4

98 55.3 45.2 84.0



#35

Methylcyclohexane

Concen: 1.085 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050322.D

Acq: 13 Aug 2022 16:39

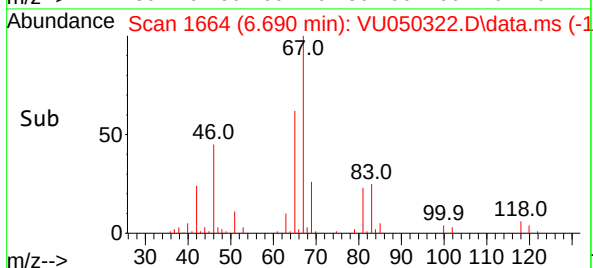
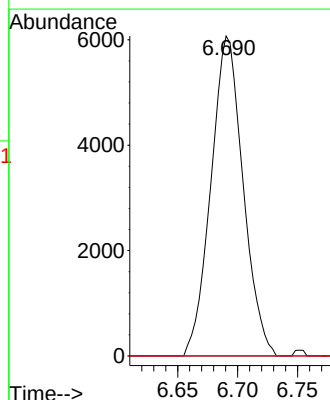
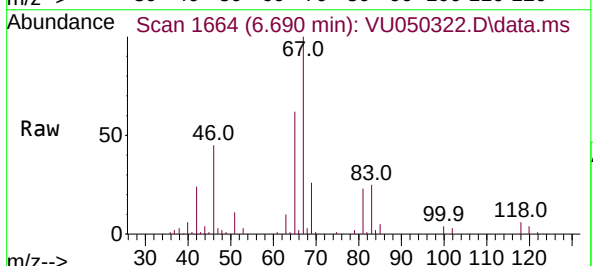
Tgt Ion: 83 Resp: 11312

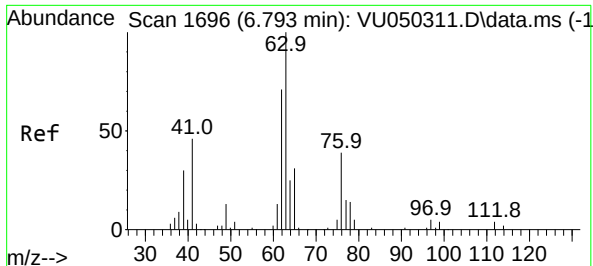
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU050322.D

Acq: 13 Aug 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

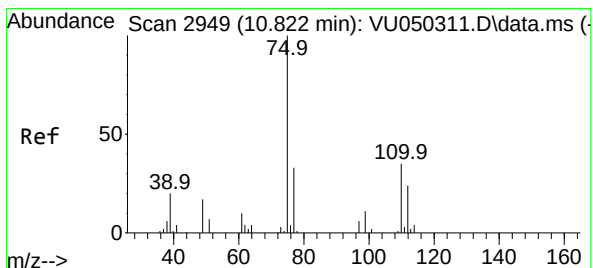
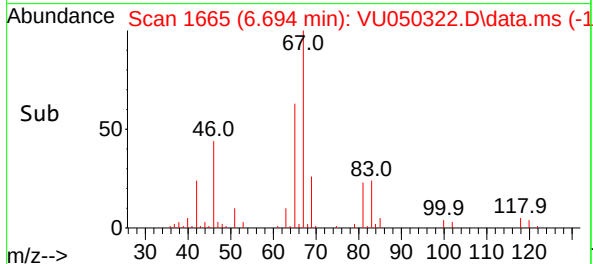
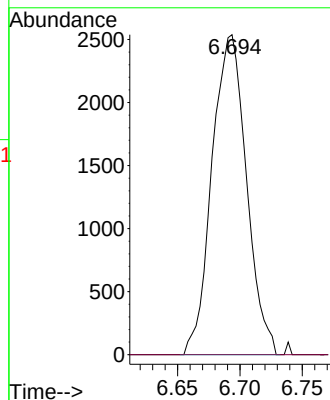
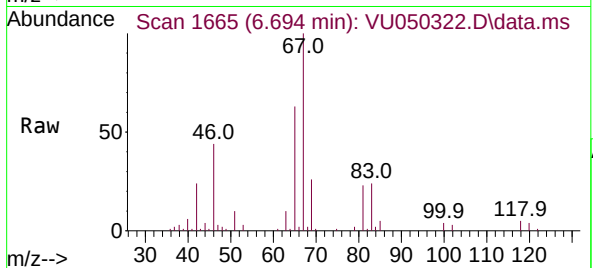
DBUX6DL

Tgt Ion: 63 Resp: 4895

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.867 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU050322.D

Acq: 13 Aug 2022 16:39

Tgt Ion: 75 Resp: 4412

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.8 25.8 38.6

