

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050324.D
 Acq On : 13 Aug 2022 17:28
 Operator : SY/MD
 Sample : N4072-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

Quant Time: Aug 14 01:28:32 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)

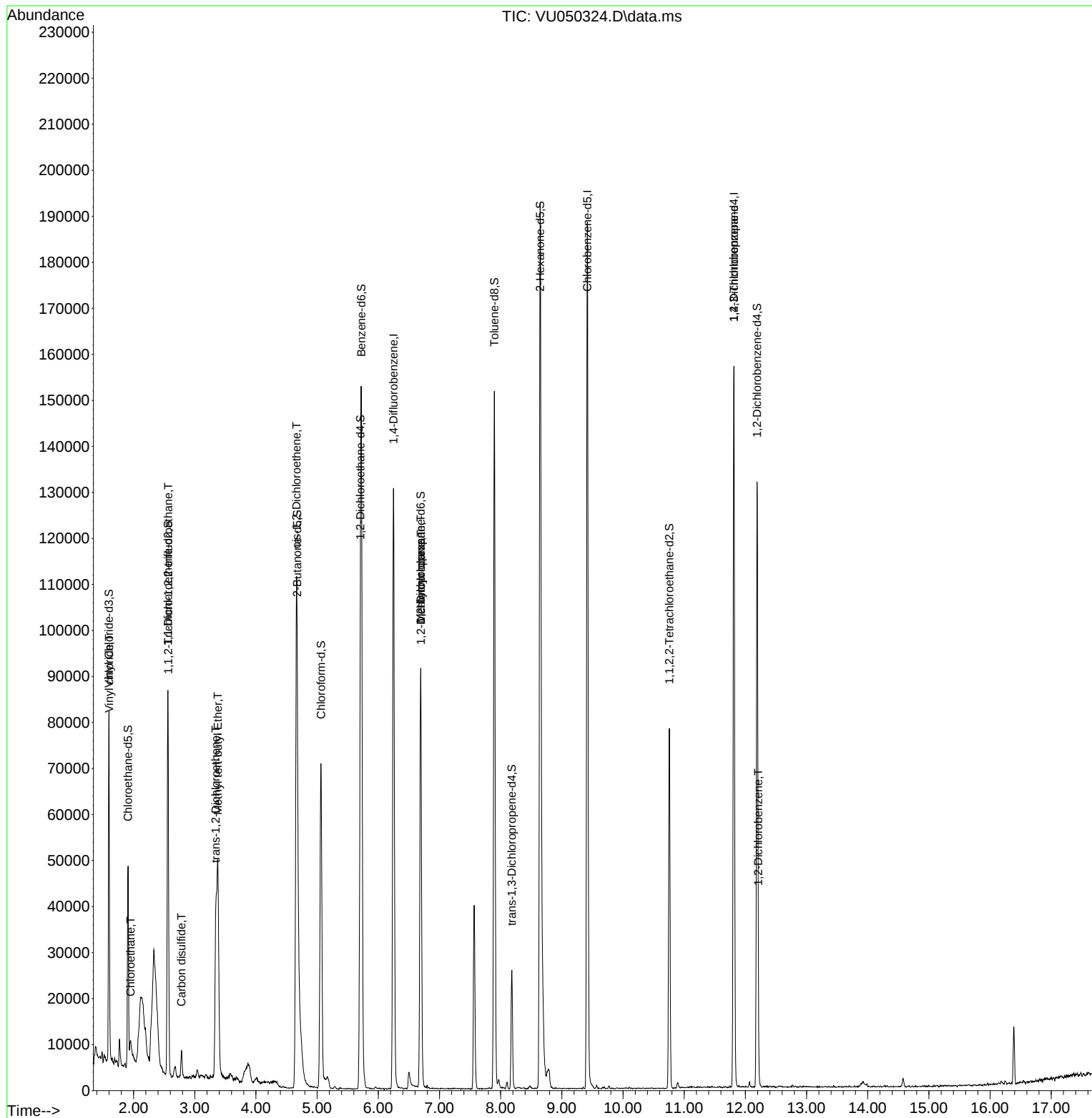
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	106193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	42251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41934	4.745	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.909	69	31638	4.437	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.562	65	16068	4.652	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.675	46	107552	49.906	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.820%	
24) Chloroform-d	5.064	84	66858	4.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
26) 1,2-Dichloroethane-d4	5.707	65	36571	4.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.723	84	130993	3.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	6.694	67	45141	4.133	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.896	98	103128	3.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.400%	
43) trans-1,3-Dichloroprop...	8.182	79	14769	3.773	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.645	63	62579	45.088	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.180%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40720	4.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	35529	4.292	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	13428	1.177	ug/L	84
8) Chloroethane	1.951	64	14130	2.102	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	477	0.069	ug/L #	40
14) Carbon disulfide	2.784	76	7294	0.278	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	51111	2.668	ug/L	97
18) trans-1,2-Dichloroethene	3.343	96	12754	1.552	ug/L	88
22) cis-1,2-Dichloroethene	4.662	96	37389	4.099	ug/L	97
35) Methylcyclohexane	6.694	83	10434	0.897	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4488	0.452	ug/L #	90
61) 1,2,3-Trichloropropane	11.813	75	5348	0.929	ug/L #	67
67) 1,2-Dichlorobenzene	12.211	146	1019	0.074	ug/L #	80

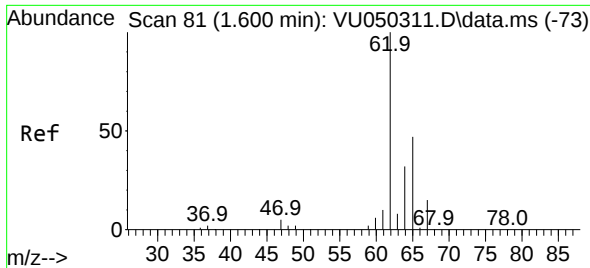
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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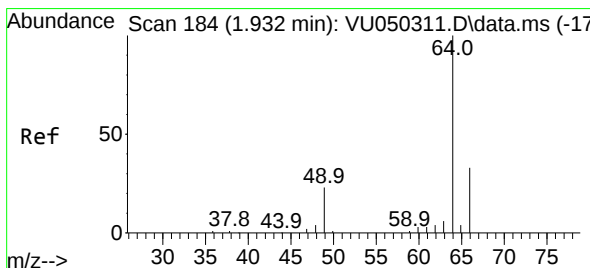
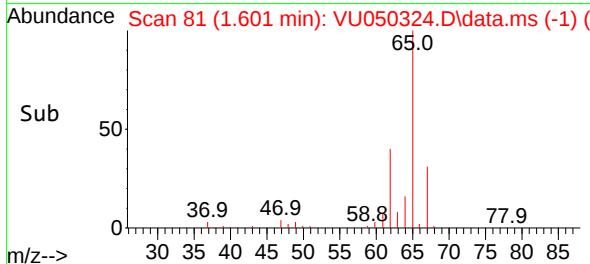
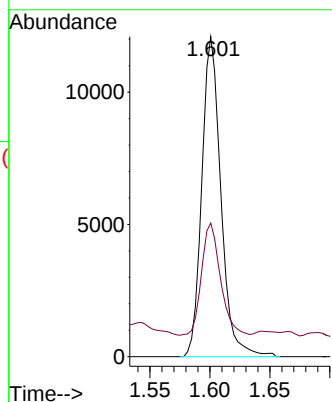
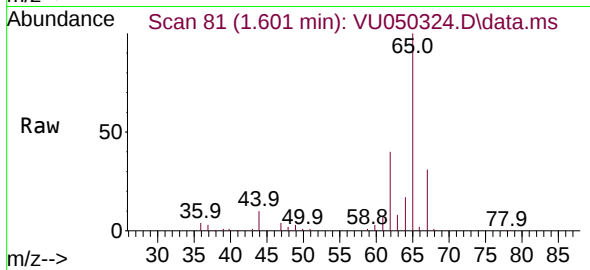




#5
 Vinyl chloride
 Concen: 1.177 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

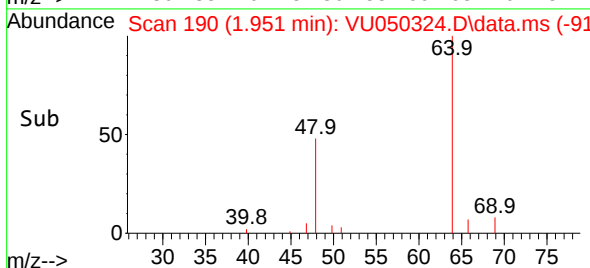
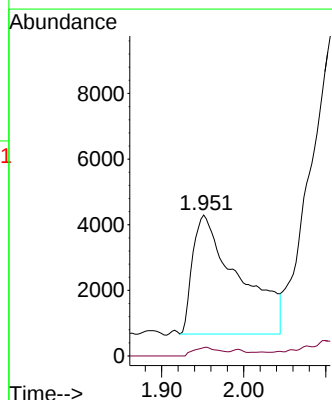
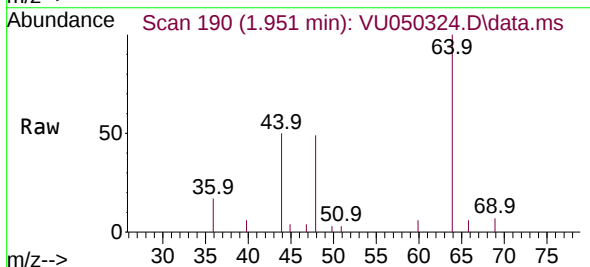
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

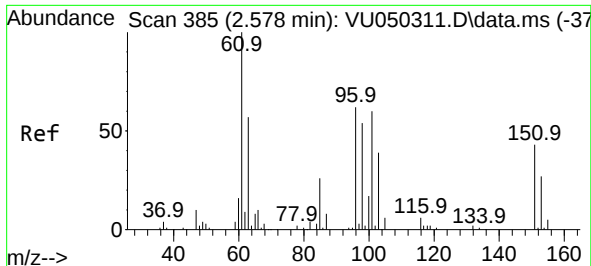
Tgt Ion: 62 Resp: 13428
 Ion Ratio Lower Upper
 62 100
 64 41.8 22.8 42.4



#8
 Chloroethane
 Concen: 2.102 ug/L
 RT: 1.951 min Scan# 190
 Delta R.T. 0.020 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

Tgt Ion: 64 Resp: 14130
 Ion Ratio Lower Upper
 64 100
 66 5.8 22.8 42.4#

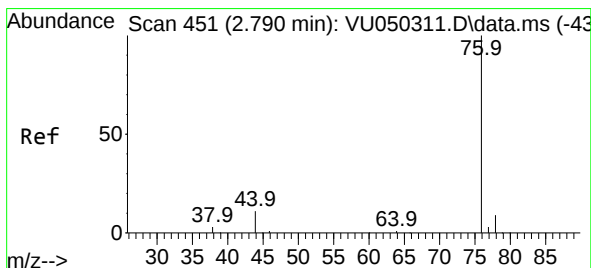
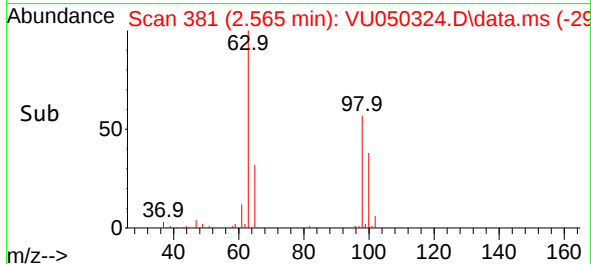
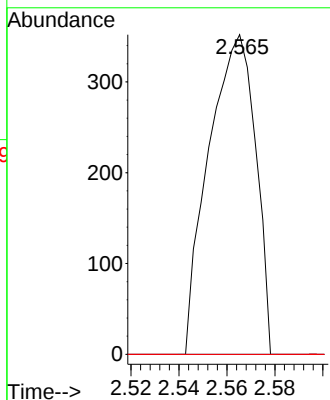
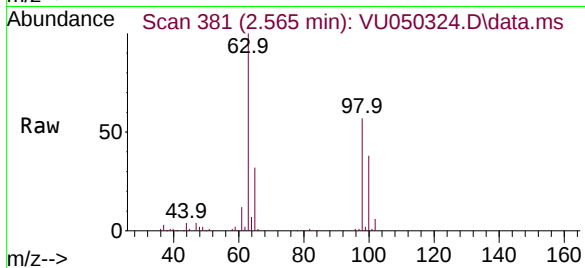




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

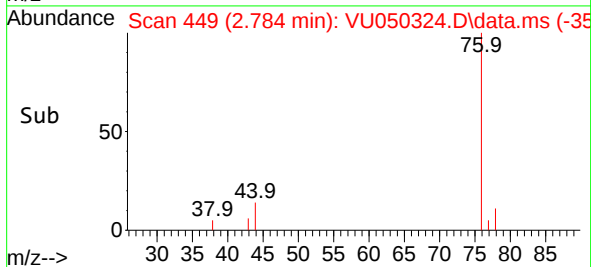
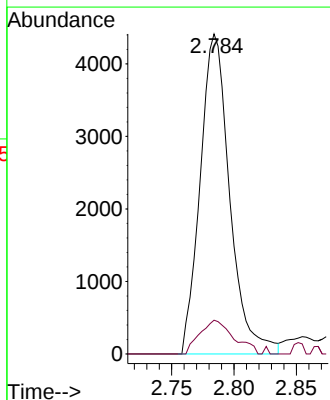
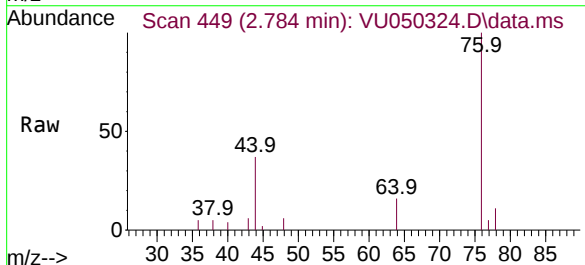
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX3

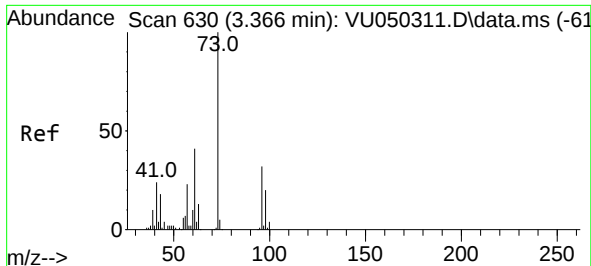
Tgt Ion:101 Resp: 477
 Ion Ratio Lower Upper
 101 100
 85 30.6 35.6 53.4#
 151 0.0 55.2 82.8#



#14
 Carbon disulfide
 Concen: 0.278 ug/L
 RT: 2.784 min Scan# 449
 Delta R.T. -0.006 min
 Lab File: VU050324.D
 Acq: 13 Aug 2022 17:28

Tgt Ion: 76 Resp: 7294
 Ion Ratio Lower Upper
 76 100
 78 10.5 7.4 11.0

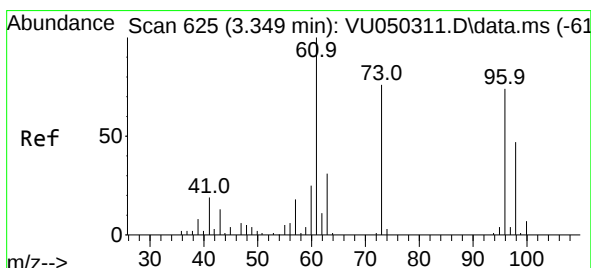
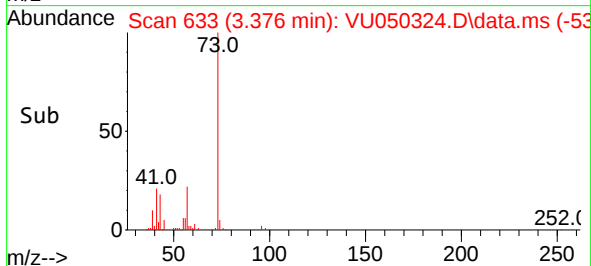
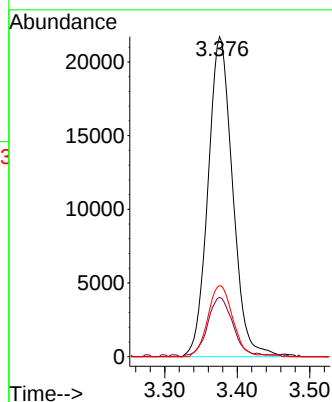
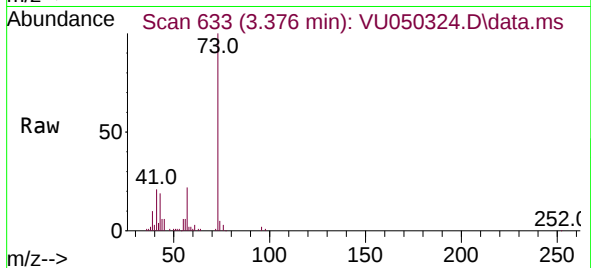




#17
Methyl tert-butyl Ether
Concen: 2.668 ug/L
RT: 3.376 min Scan# 611
Delta R.T. 0.010 min
Lab File: VU050324.D
Acq: 13 Aug 2022 17:28

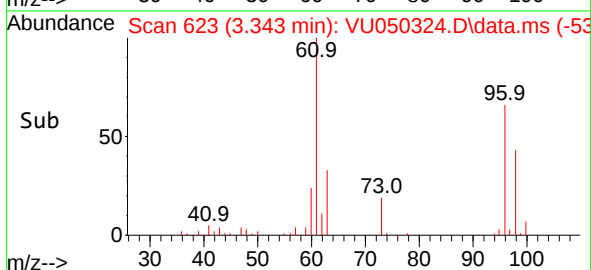
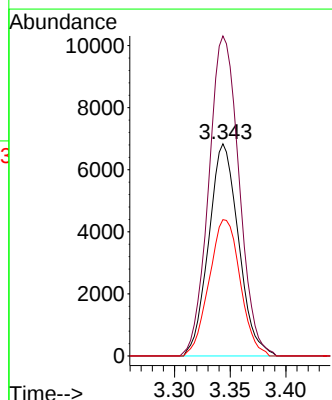
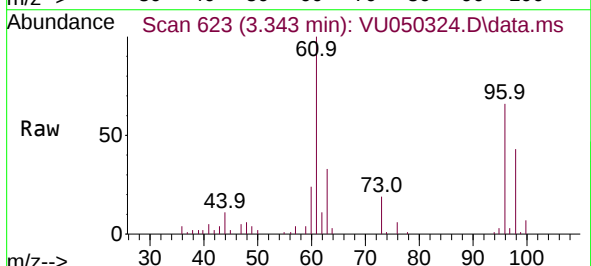
Instrument :
MSVOA_U
ClientSampleId :
DBUX3

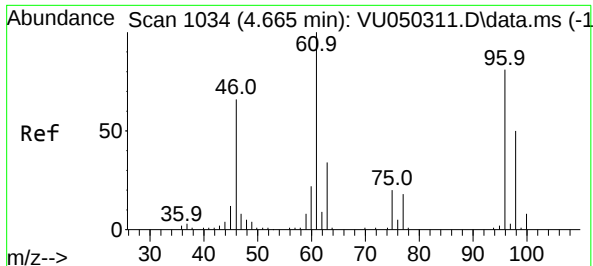
Tgt Ion: 73 Resp: 51111
Ion Ratio Lower Upper
73 100
43 19.1 13.5 20.3
57 22.3 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 1.552 ug/L
RT: 3.343 min Scan# 623
Delta R.T. -0.006 min
Lab File: VU050324.D
Acq: 13 Aug 2022 17:28

Tgt Ion: 96 Resp: 12754
Ion Ratio Lower Upper
96 100
61 150.9 92.3 171.5
98 64.3 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 4.099 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050324.D

Acq: 13 Aug 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

DBUX3

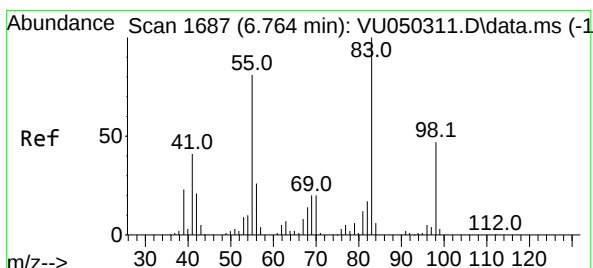
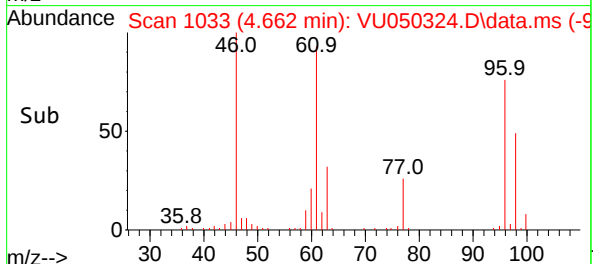
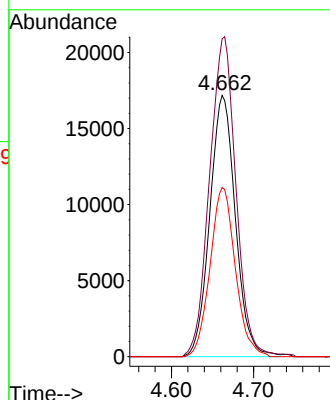
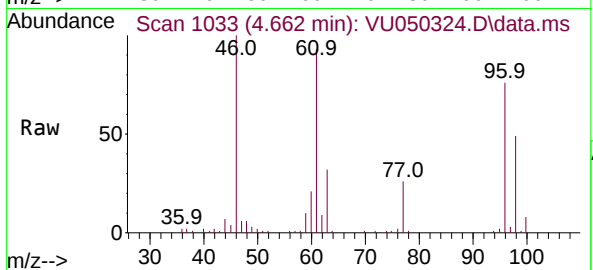
Tgt Ion: 96 Resp: 37389

Ion Ratio Lower Upper

96 100

61 121.6 89.0 165.4

98 64.7 45.2 84.0



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.070 min

Lab File: VU050324.D

Acq: 13 Aug 2022 17:28

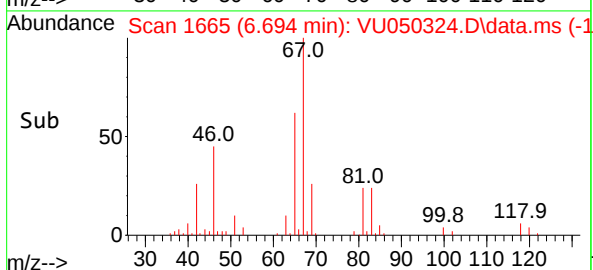
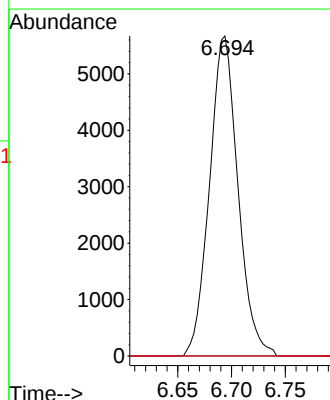
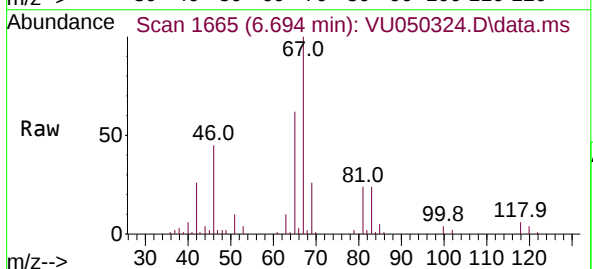
Tgt Ion: 83 Resp: 10434

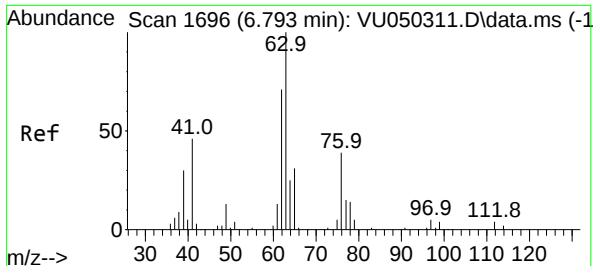
Ion Ratio Lower Upper

83 100

55 0.7 62.7 94.1#

98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.452 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU050324.D

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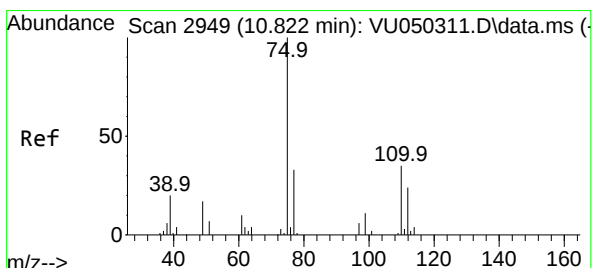
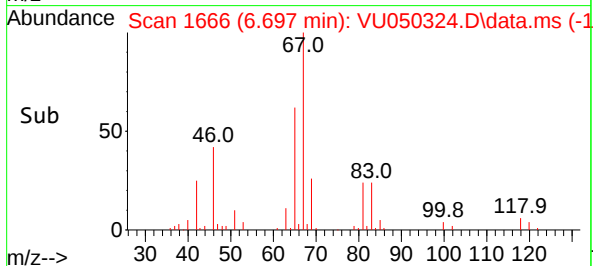
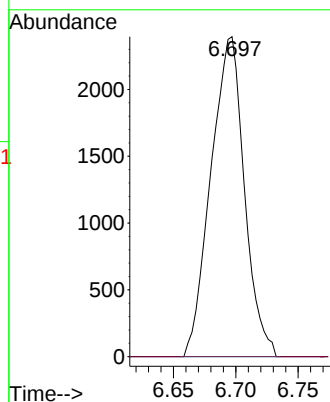
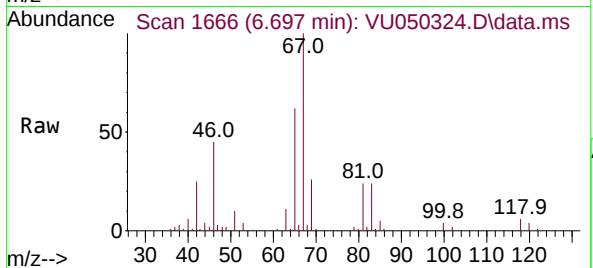
DBUX3

Tgt Ion: 63 Resp: 4488

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.929 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU050324.D

Acq: 13 Aug 2022 17:28

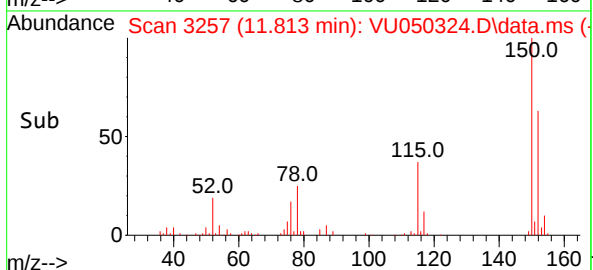
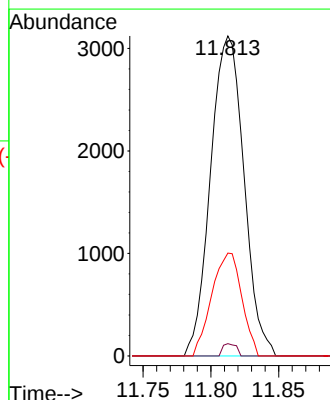
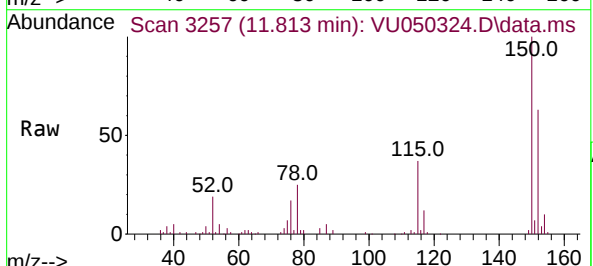
Tgt Ion: 75 Resp: 5348

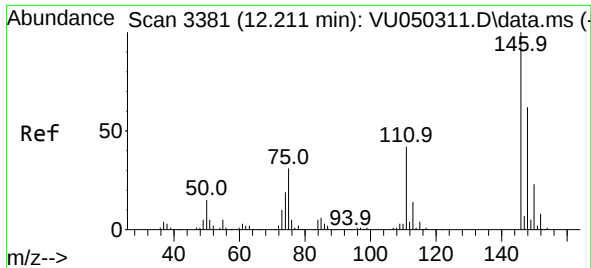
Ion Ratio Lower Upper

75 100

110 1.6 28.5 42.7#

77 28.9 25.8 38.6





#67

1,2-Dichlorobenzene

Concen: 0.074 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050324.D

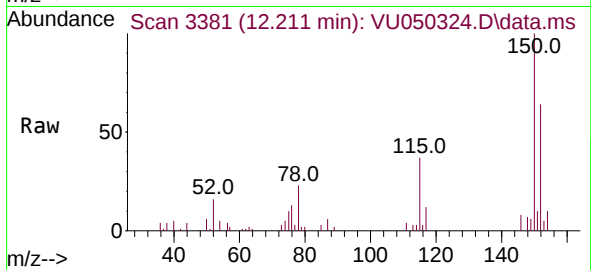
Acq: 13 Aug 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

DBUX3



Tgt Ion:146 Resp: 1019

Ion Ratio Lower Upper

146 100

111 51.9 32.9 49.3#

148 80.1 50.4 75.6#

