

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050164.D
 Acq On : 09 Aug 2022 03:58
 Operator : SY/MD
 Sample : N4075-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV7

Quant Time: Aug 09 05:20:08 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

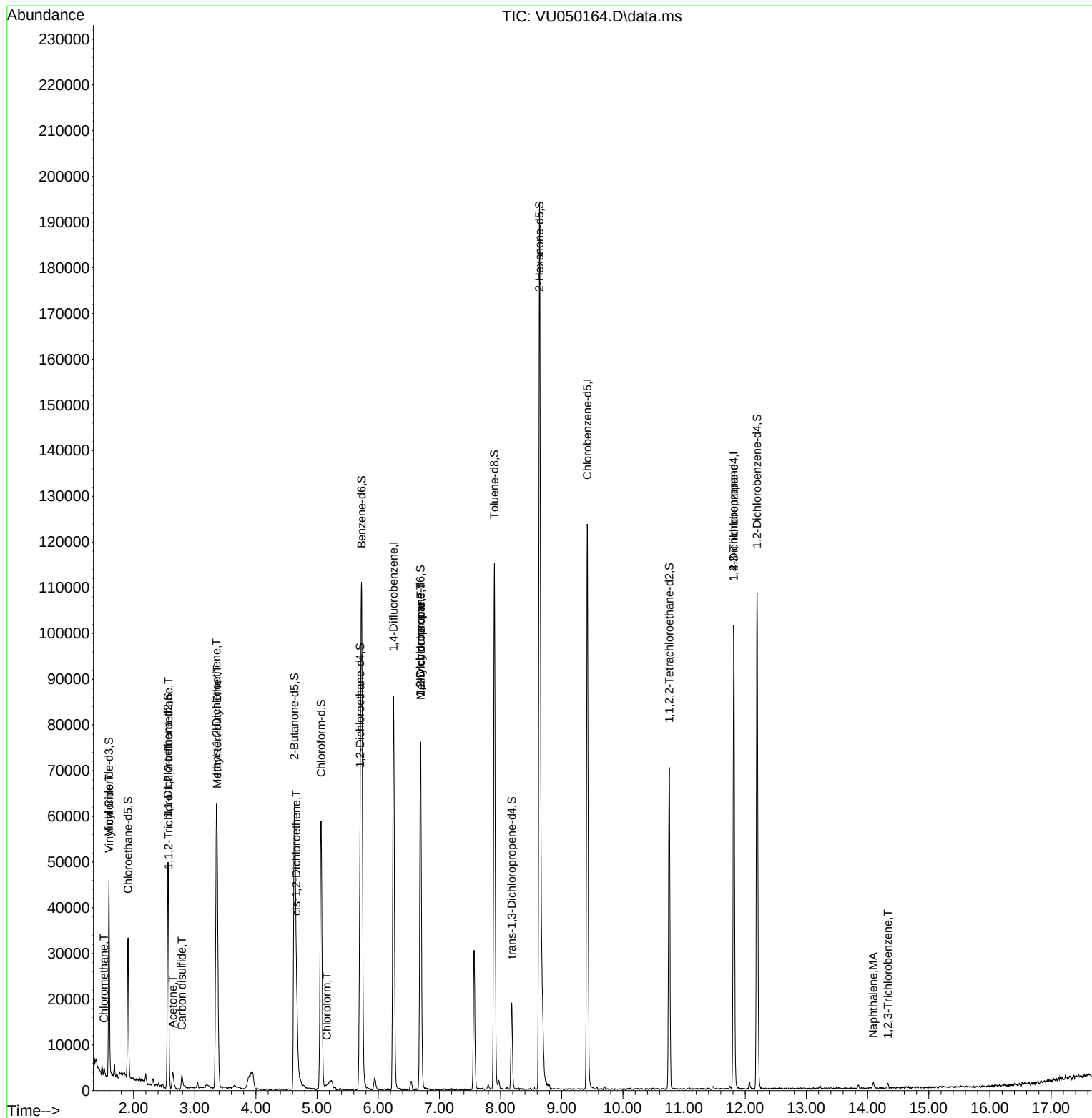
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23518	3.904	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.909	69	21582	4.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.562	65	9564	4.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	4.629	46	100122	68.162	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.320%#	
24) Chloroform-d	5.067	84	57845	5.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.703	65	32105	5.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	5.729	84	106083	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.690	67	39241	5.314	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.899	98	81129	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	8.182	79	11546	4.363	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.636	63	62184	66.266	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.540%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37604	5.799	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29681	5.348	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1606	0.185	ug/L	97
5) Vinyl chloride	1.600	62	8847	1.138	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	278	0.059	ug/L #	22
13) Acetone	2.642	43	4728	5.780	ug/L	92
14) Carbon disulfide	2.790	76	3588	0.201	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	35477	2.717	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	15816	2.823	ug/L	93
22) cis-1,2-Dichloroethene	4.661	96	4474	0.720	ug/L	97
25) Chloroform	5.160	83	23	0.002	ug/L #	17
35) Methylcyclohexane	6.693	83	8864	1.128	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3865	0.576	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3350	0.868	ug/L #	65
71) Naphthalene	14.092	128	1878	0.178	ug/L #	78
72) 1,2,3-Trichlorobenzene	14.333	180	650	0.125	ug/L #	78

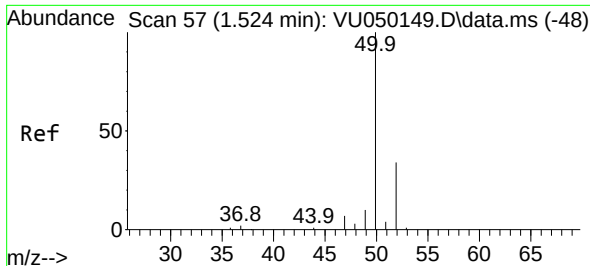
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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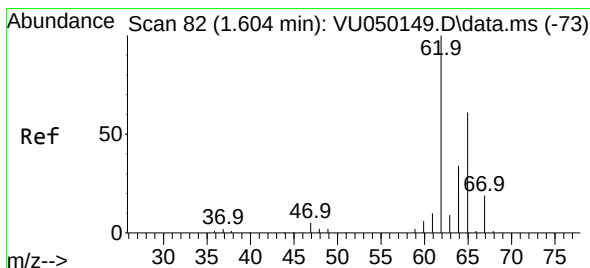
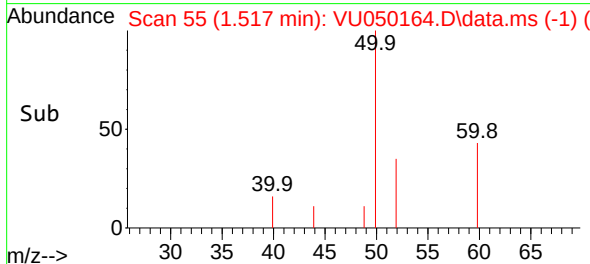
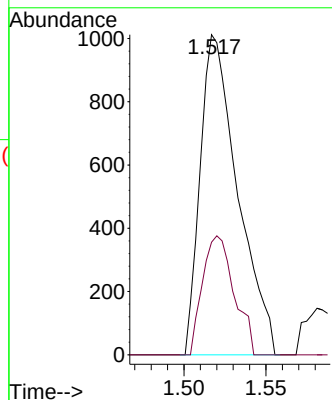
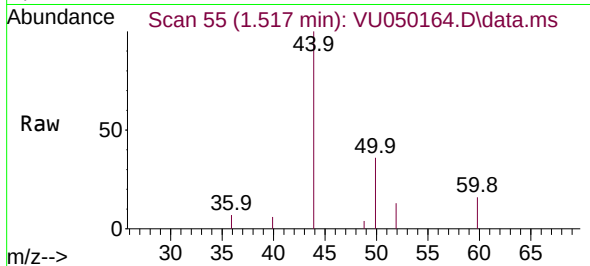




#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

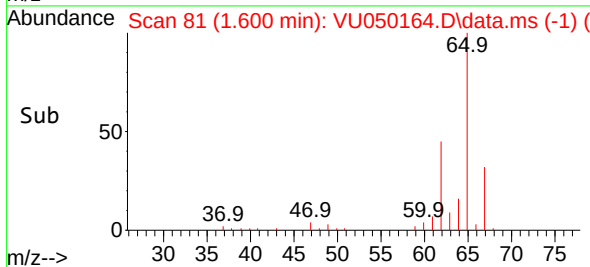
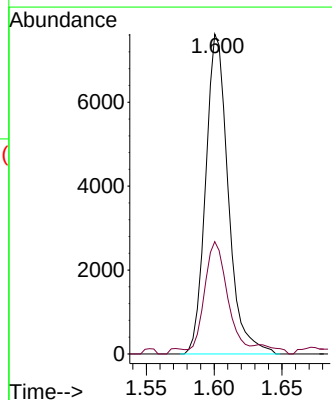
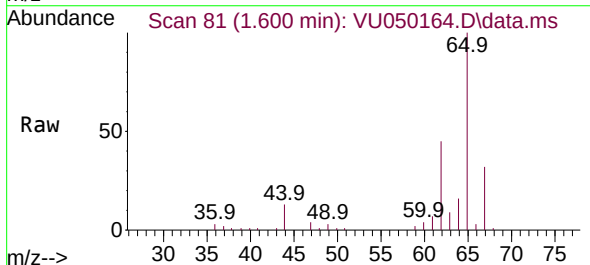
Instrument :
MSVOA_U
ClientSampleId :
DBUV7

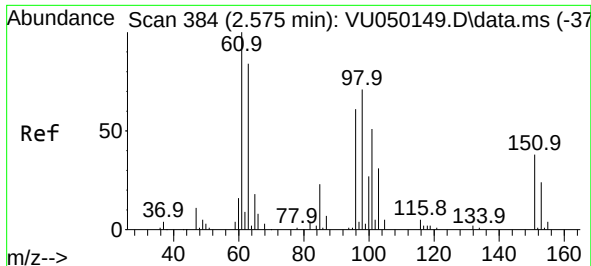
Tgt Ion: 50 Resp: 1606
Ion Ratio Lower Upper
50 100
52 35.2 23.2 43.2



#5
Vinyl chloride
Concen: 1.138 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion: 62 Resp: 8847
Ion Ratio Lower Upper
62 100
64 35.1 22.8 42.4

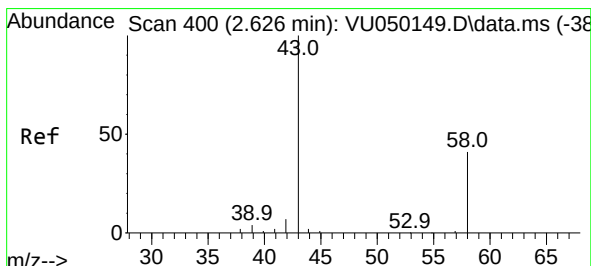
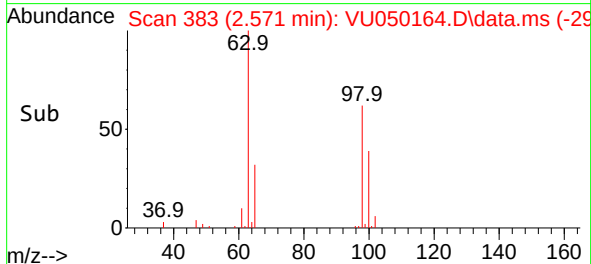
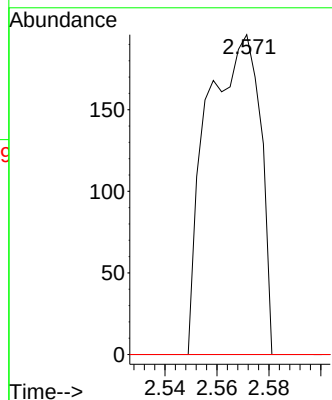
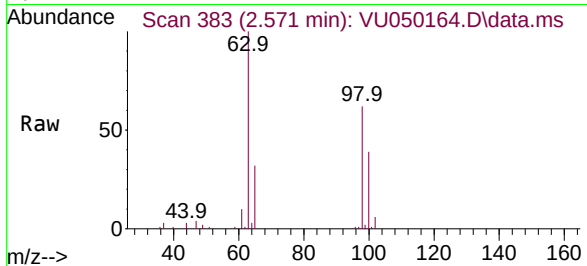




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.571 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

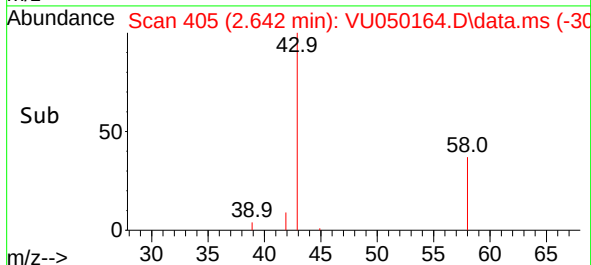
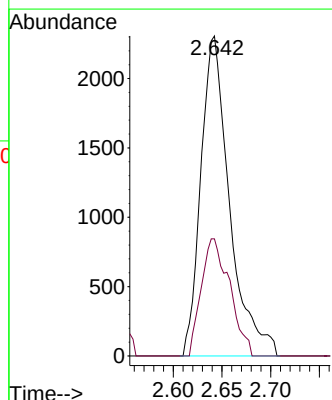
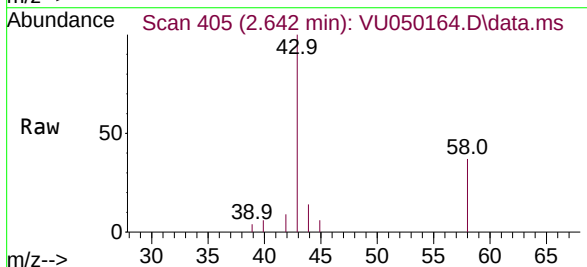
Instrument :
MSVOA_U
ClientSampleId :
DBUV7

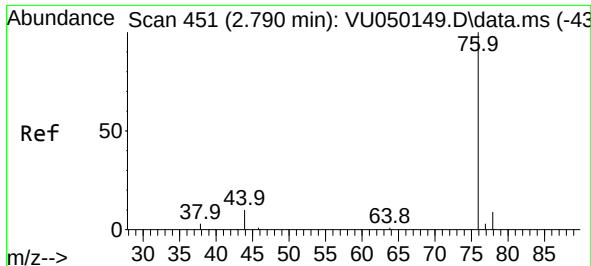
Tgt Ion:101 Resp: 278
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#13
Acetone
Concen: 5.780 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.016 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion: 43 Resp: 4728
Ion Ratio Lower Upper
43 100
58 36.2 0.0 64.0

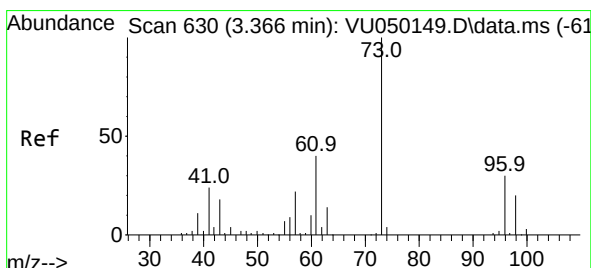
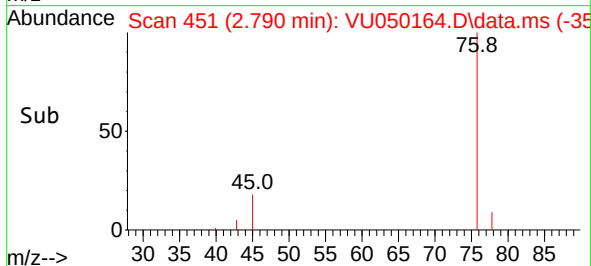
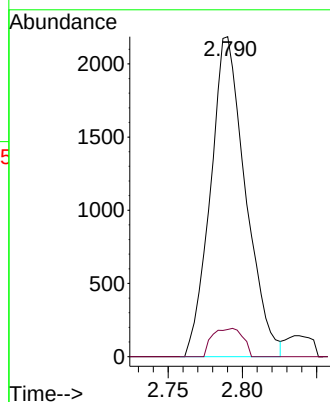
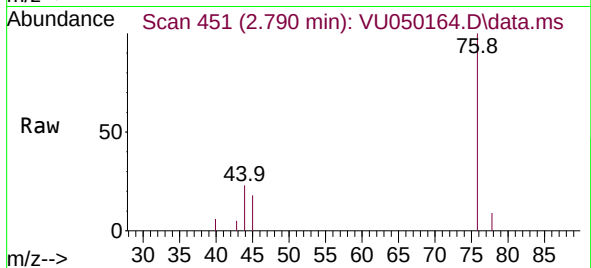




#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

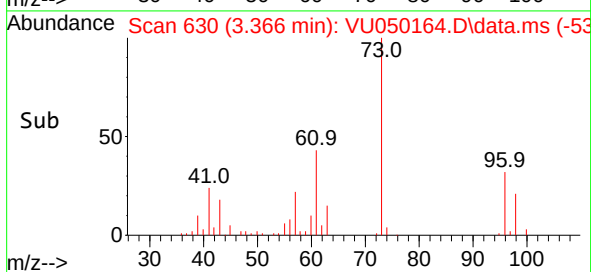
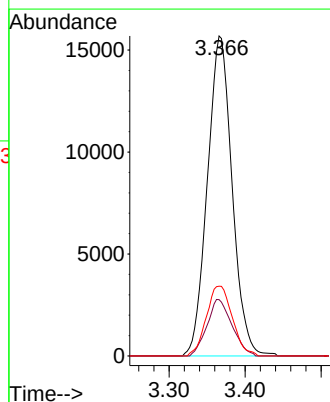
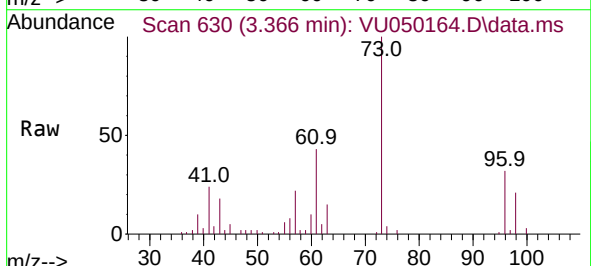
Instrument :
MSVOA_U
ClientSampleId :
DBUV7

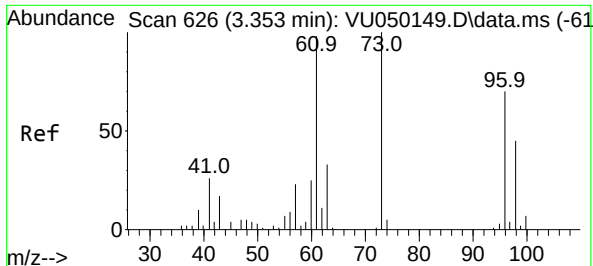
Tgt Ion: 76 Resp: 3588
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 2.717 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion: 73 Resp: 35477
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 22.9 17.4 26.2





#18

trans-1,2-Dichloroethene

Concen: 2.823 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050164.D

Acq: 09 Aug 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

DBUV7

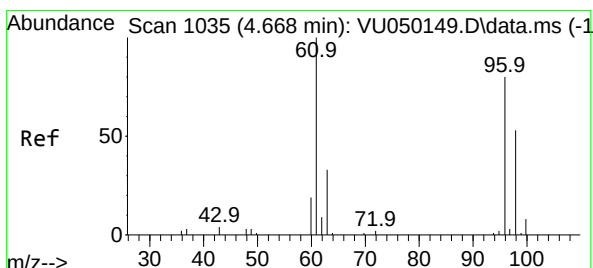
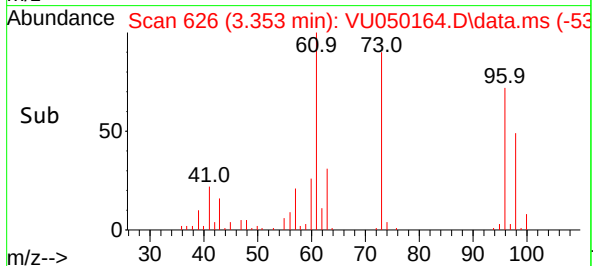
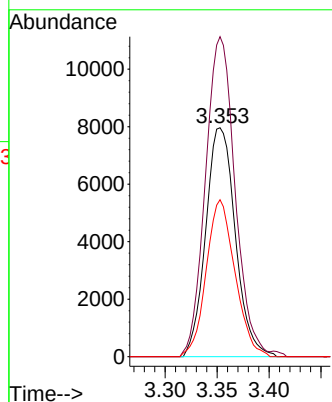
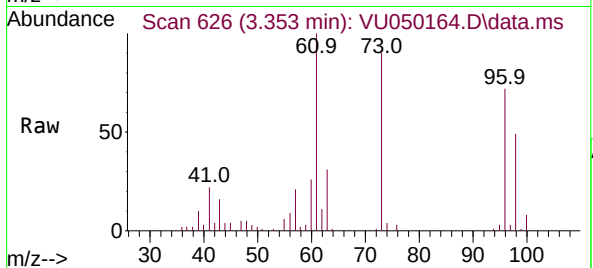
Tgt Ion: 96 Resp: 15816

Ion Ratio Lower Upper

96 100

61 139.7 92.3 171.5

98 68.6 43.2 80.2



#22

cis-1,2-Dichloroethene

Concen: 0.720 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VU050164.D

Acq: 09 Aug 2022 03:58

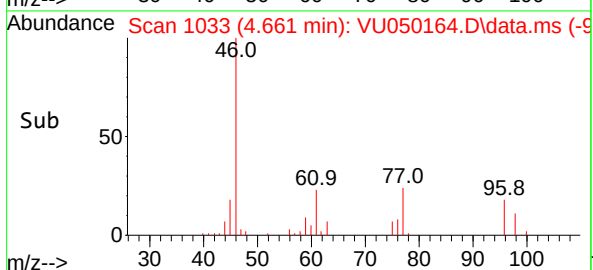
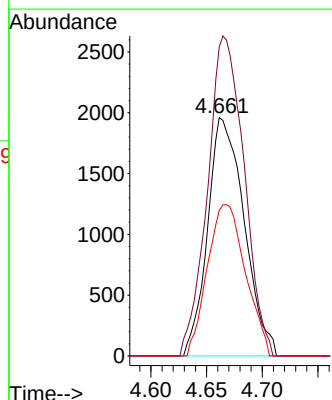
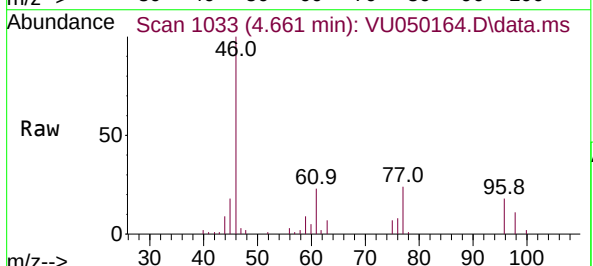
Tgt Ion: 96 Resp: 4474

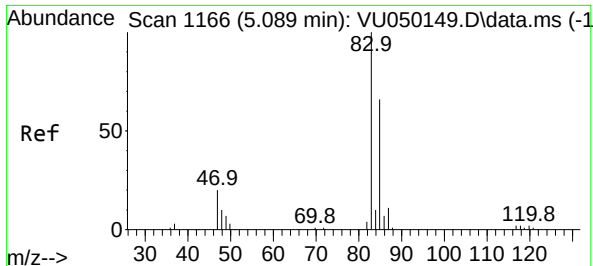
Ion Ratio Lower Upper

96 100

61 129.7 89.0 165.4

98 61.0 45.2 84.0





#25

Chloroform

Concen: 0.002 ug/L

RT: 5.160 min Scan# 1166

Delta R.T. 0.070 min

Lab File: VU050164.D

Acq: 09 Aug 2022 03:58

Instrument :

MSVOA_U

ClientSampleId :

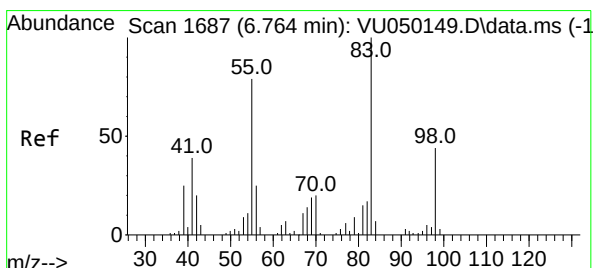
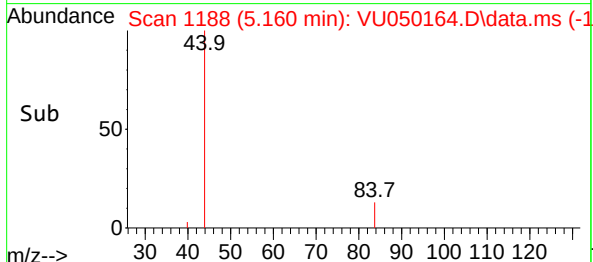
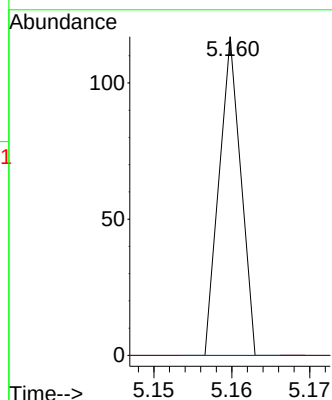
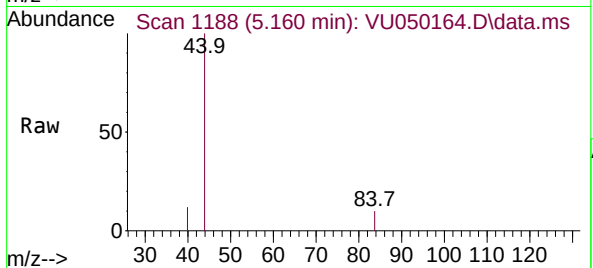
DBUV7

Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.5#



#35

Methylcyclohexane

Concen: 1.128 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050164.D

Acq: 09 Aug 2022 03:58

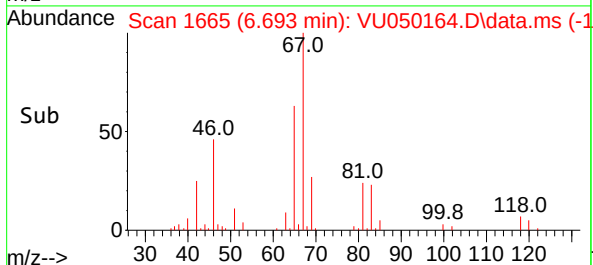
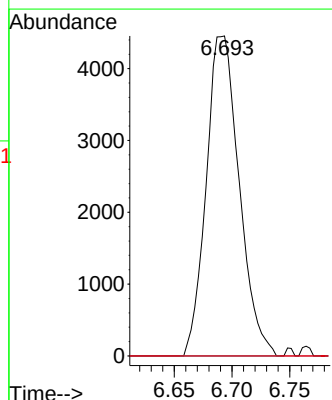
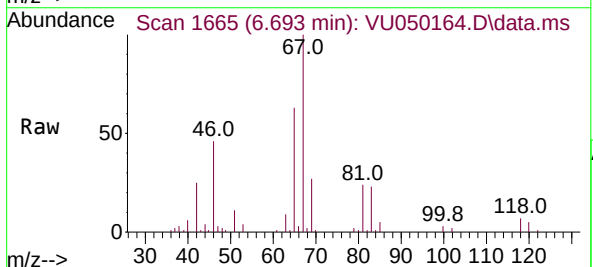
Tgt Ion: 83 Resp: 8864

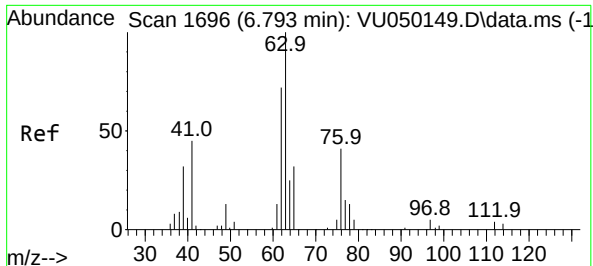
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050164.D

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ClientSampleId :

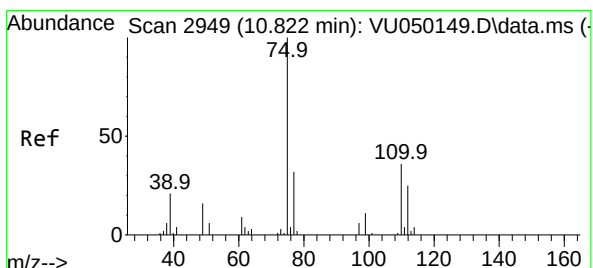
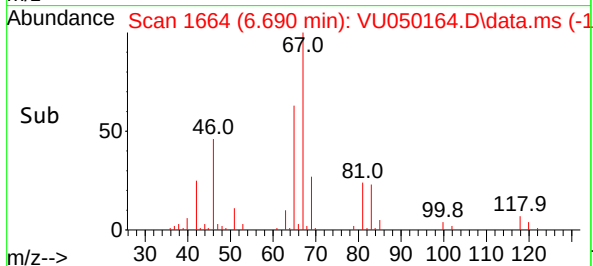
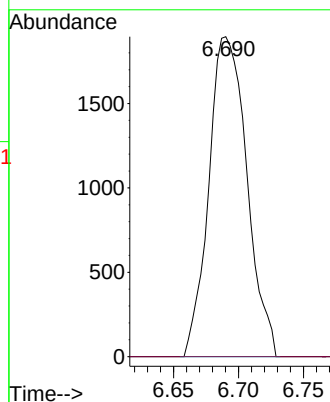
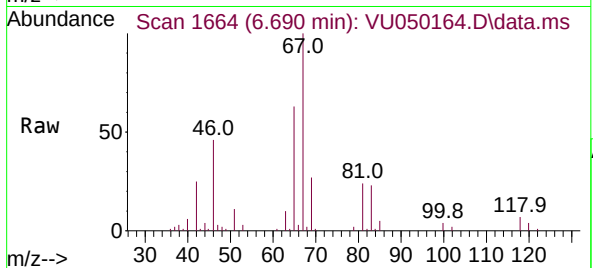
DBUV7

Tgt Ion: 63 Resp: 3865

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 0.868 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050164.D

Acq: 09 Aug 2022 03:58

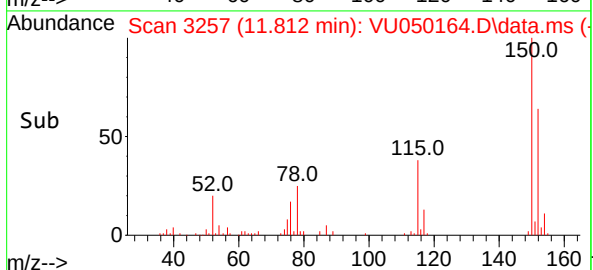
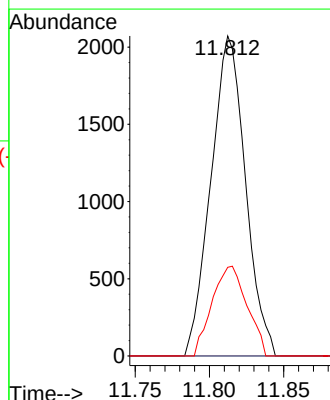
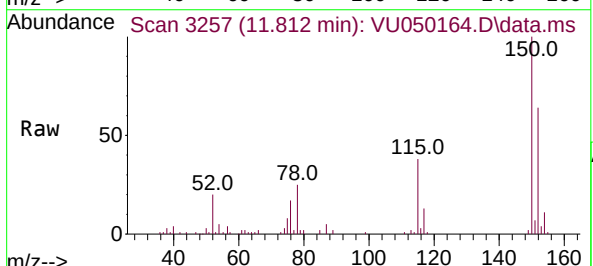
Tgt Ion: 75 Resp: 3350

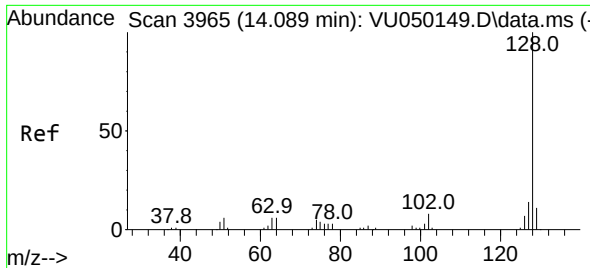
Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 28.4 25.8 38.6

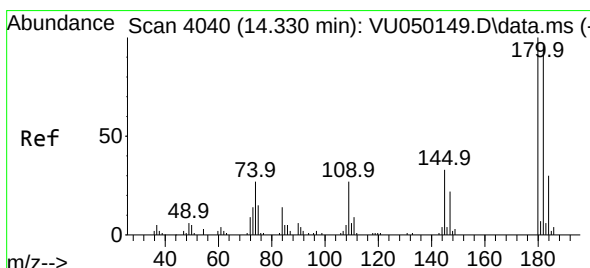
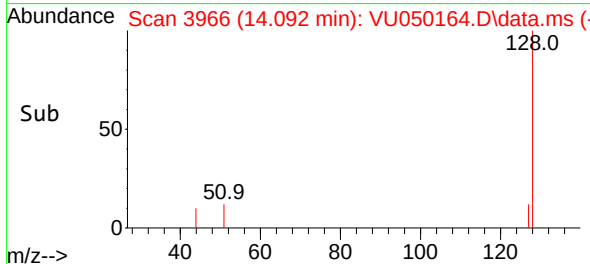
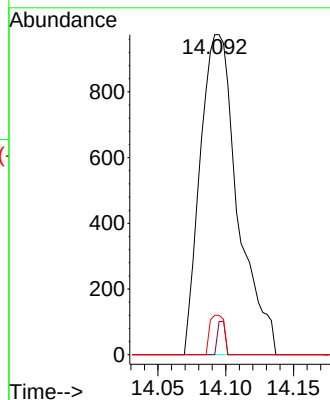
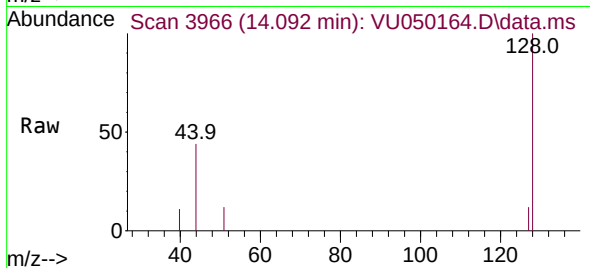




#71
Naphthalene
Concen: 0.178 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Instrument :
MSVOA_U
ClientSampleId :
DBUV7

Tgt Ion:128 Resp: 1878
Ion Ratio Lower Upper
128 100
129 2.1 8.6 12.8#
127 4.7 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.125 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050164.D
Acq: 09 Aug 2022 03:58

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 81.1 77.5 116.3
145 10.5 25.8 38.6#

