

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057724.D
 Acq On : 29 Jan 2024 18:09
 Operator : MD/SY
 Sample : P1239-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 00:35:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

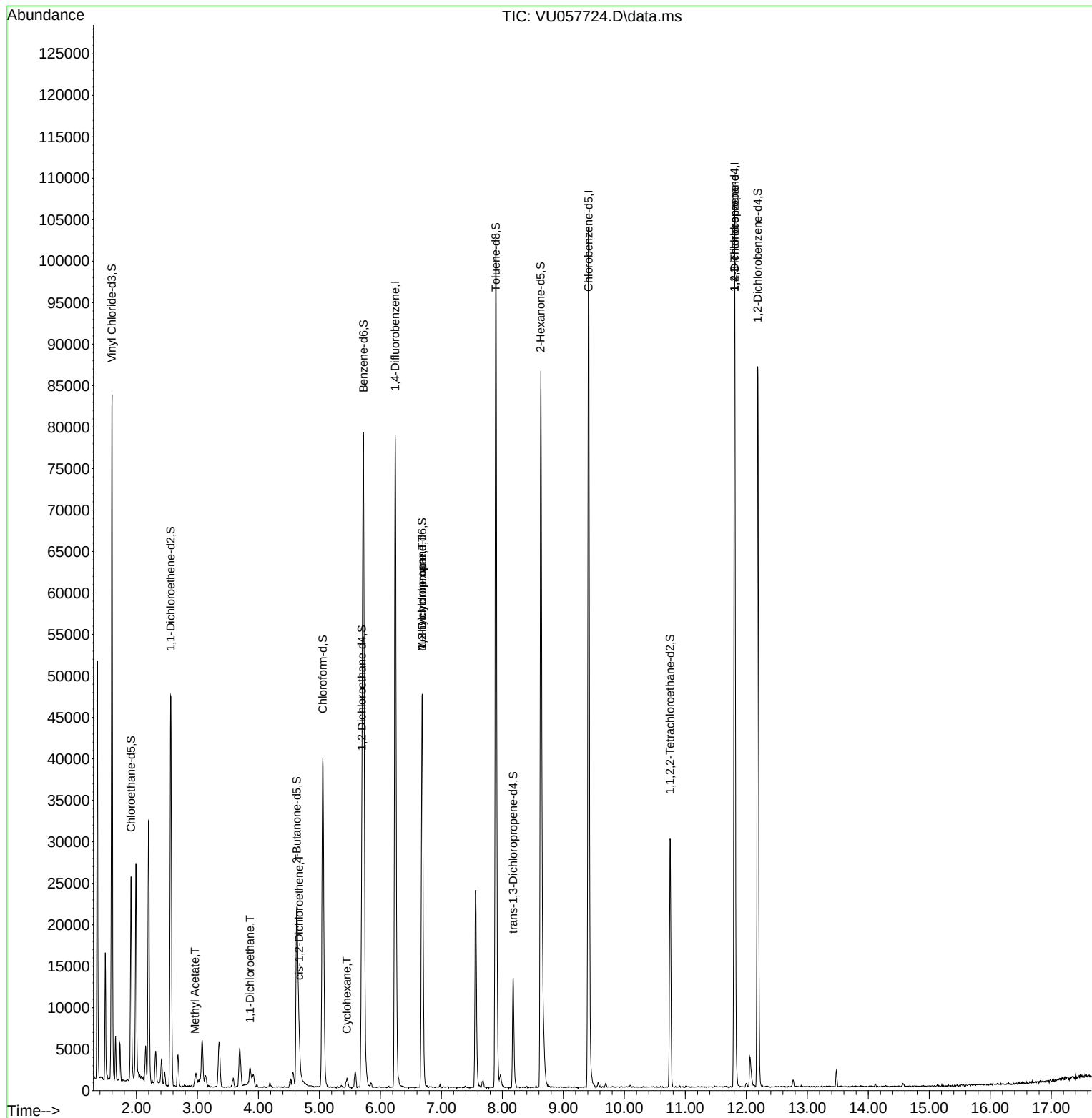
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	65707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	27622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19886	5.493	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.800%		
7) Chloroethane-d5	1.911	69	16360	5.393	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.560	65	9115	5.355	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.000%		
20) 2-Butanone-d5	4.628	46	37457	54.845	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.700%		
24) Chloroform-d	5.055	84	37388	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	5.695	65	19040	5.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.000%		
32) Benzene-d6	5.721	84	75328	5.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
36) 1,2-Dichloropropane-d6	6.686	67	23059	5.466	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.891	98	69990	5.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.400%		
43) trans-1,3-Dichloroprop...	8.178	79	8375	4.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.600%		
46) 2-Hexanone-d5	8.628	63	29722	55.405	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.820%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14878	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22296	5.752	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.000%		
Target Compounds						Qvalue
15) Methyl Acetate	2.959	43	362	0.217	ug/L #	49
19) 1,1-Dichloroethane	3.863	63	2998	0.323	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	1122	0.207	ug/L	89
30) Cyclohexane	5.451	56	607	0.072	ug/L #	16
35) Methylcyclohexane	6.682	83	5151	0.566	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	2506	0.490	ug/L #	89
61) 1,2,3-Trichloropropane	11.808	75	3471	1.252	ug/L #	66

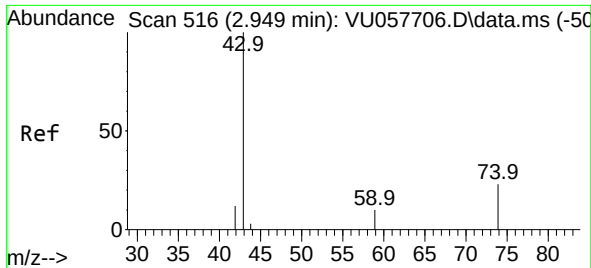
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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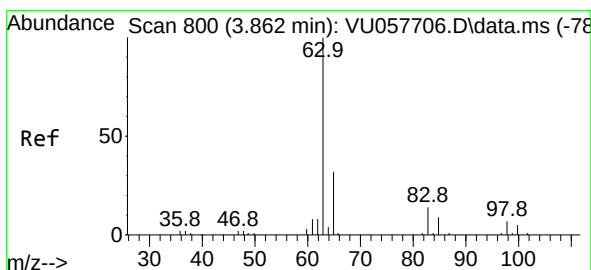
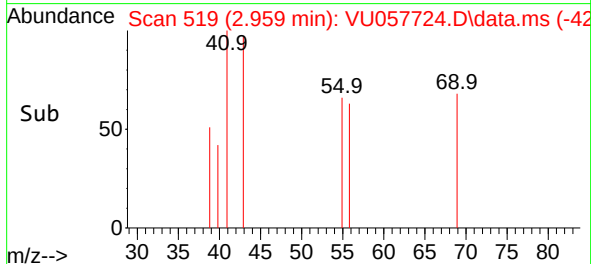
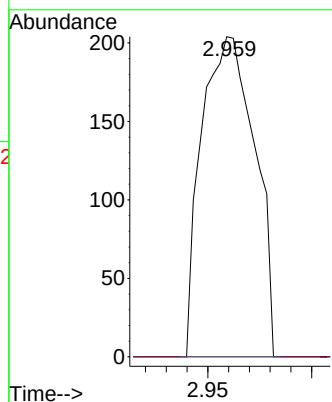
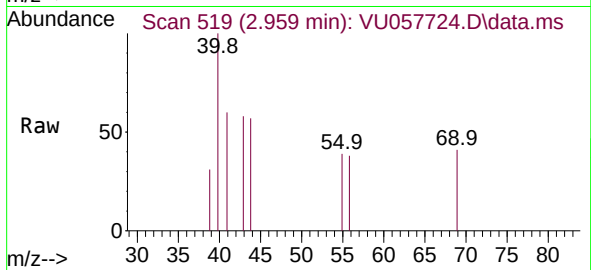




#15
Methyl Acetate
Concen: 0.217 ug/L
RT: 2.959 min Scan# 516
Delta R.T. 0.010 min
Lab File: VU057724.D
Acq: 29 Jan 2024 18:09

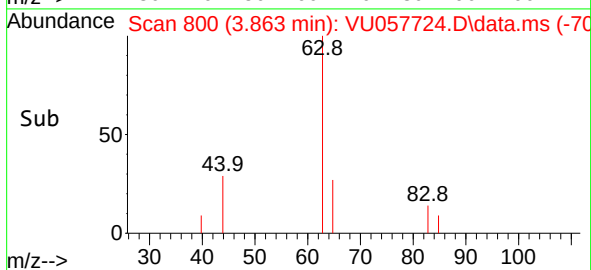
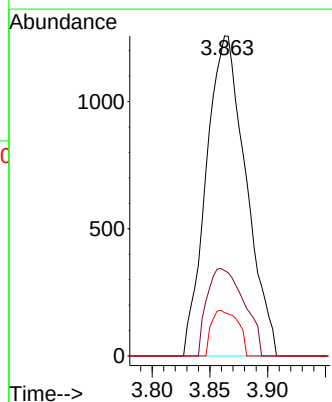
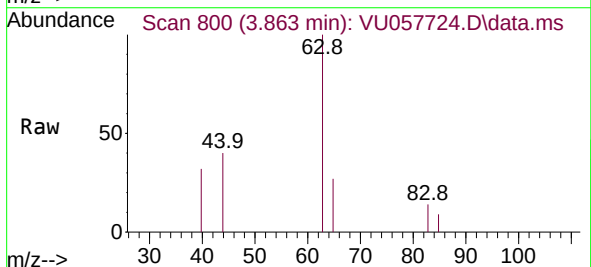
Instrument :
MSVOA_U
ClientSampleId :

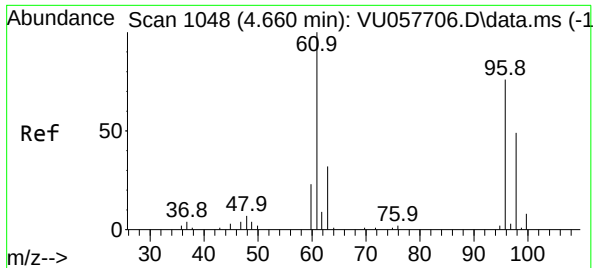
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#19
1,1-Dichloroethane
Concen: 0.323 ug/L
RT: 3.863 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057724.D
Acq: 29 Jan 2024 18:09

Tgt Ion: 63 Resp: 2998
Ion Ratio Lower Upper
63 100
65 26.7 23.0 42.8
83 13.5 9.7 17.9

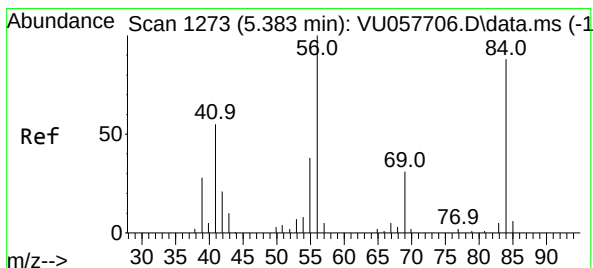
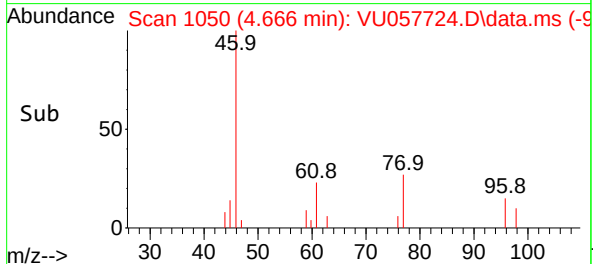
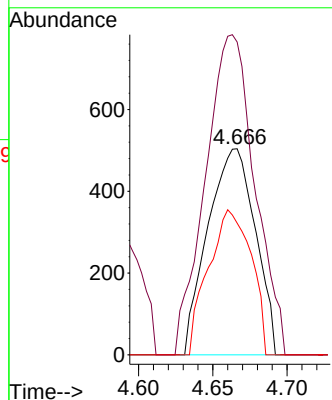
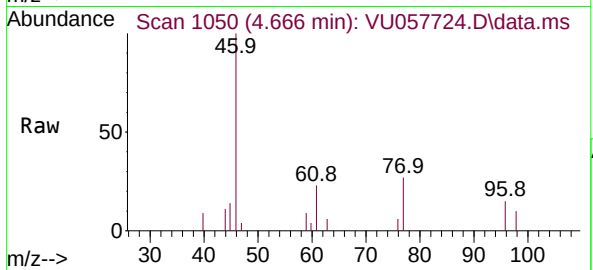




#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.007 min
 Lab File: VU057724.D
 Acq: 29 Jan 2024 18:09

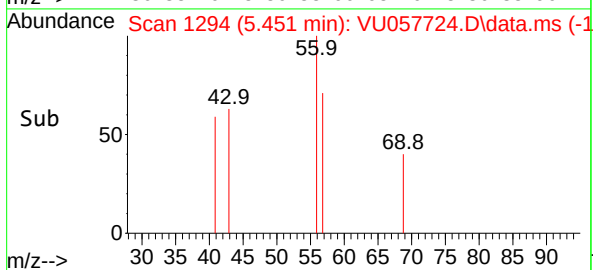
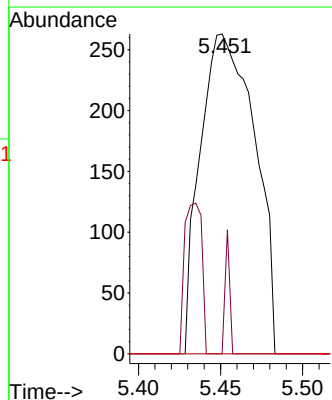
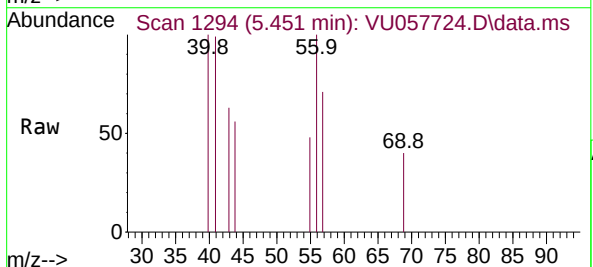
Instrument :
 MSVOA_U
 ClientSampleId :

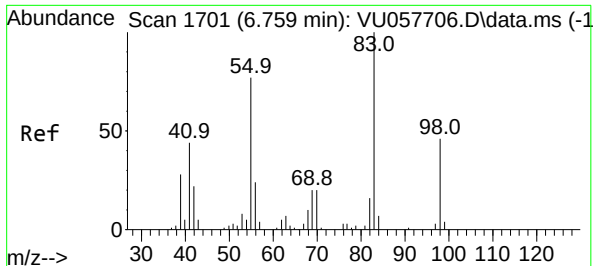
Tgt Ion: 96 Resp: 1122
 Ion Ratio Lower Upper
 96 100
 61 151.8 92.7 172.1
 98 63.9 44.9 83.5



#30
 Cyclohexane
 Concen: 0.072 ug/L
 RT: 5.451 min Scan# 1294
 Delta R.T. 0.068 min
 Lab File: VU057724.D
 Acq: 29 Jan 2024 18:09

Tgt Ion: 56 Resp: 607
 Ion Ratio Lower Upper
 56 100
 69 3.3 25.8 38.8#
 84 0.0 72.0 108.0#





#35

Methylcyclohexane

Concen: 0.566 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU057724.D

Acq: 29 Jan 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

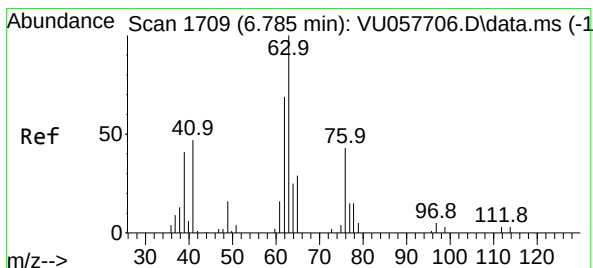
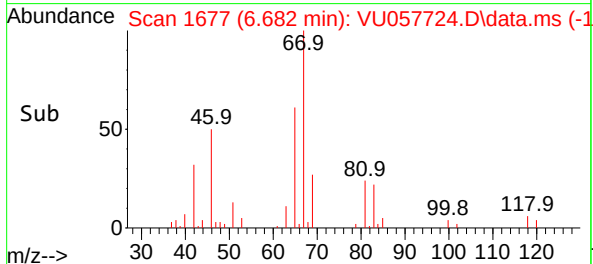
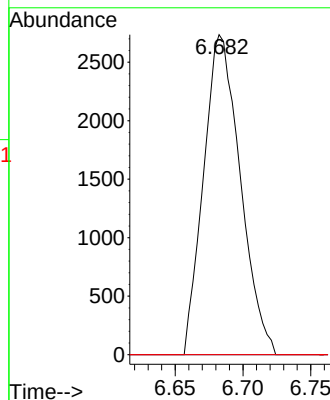
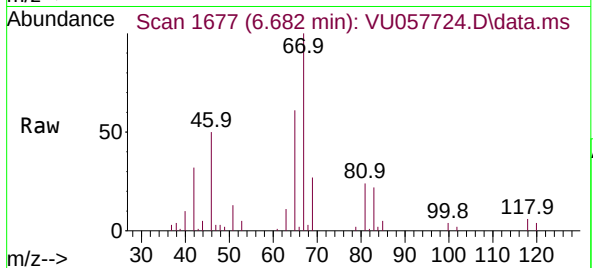
Tgt Ion: 83 Resp: 5151

Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 0.0 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU057724.D

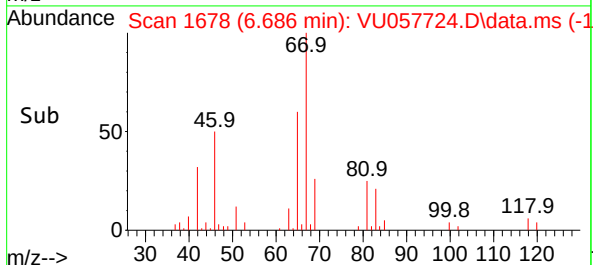
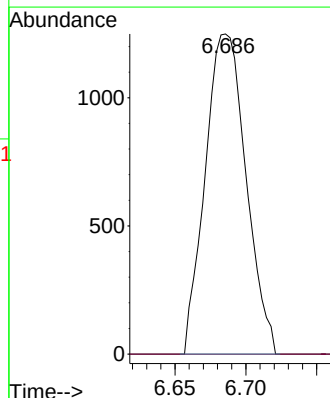
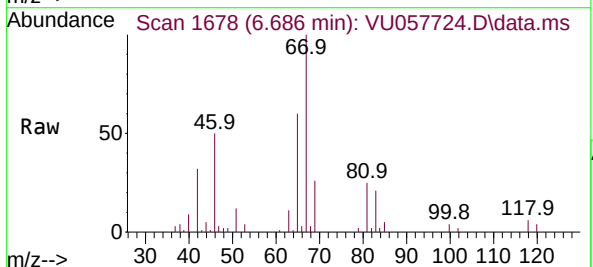
Acq: 29 Jan 2024 18:09

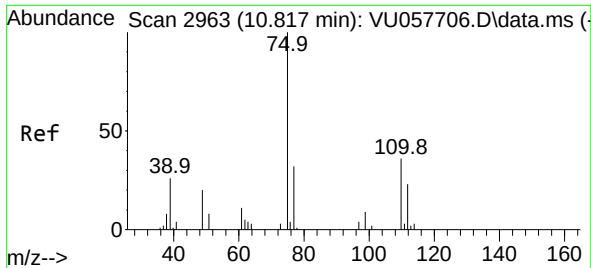
Tgt Ion: 63 Resp: 2506

Ion Ratio Lower Upper

63 100

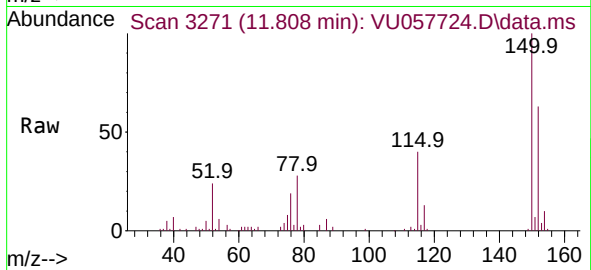
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU057724.D
 Acq: 29 Jan 2024 18:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3471
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.1 45.1#
 77 31.5 25.5 38.3

