

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059682.D
 Acq On : 01 Jul 2024 14:10
 Operator : MD/SY
 Sample : P3059-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

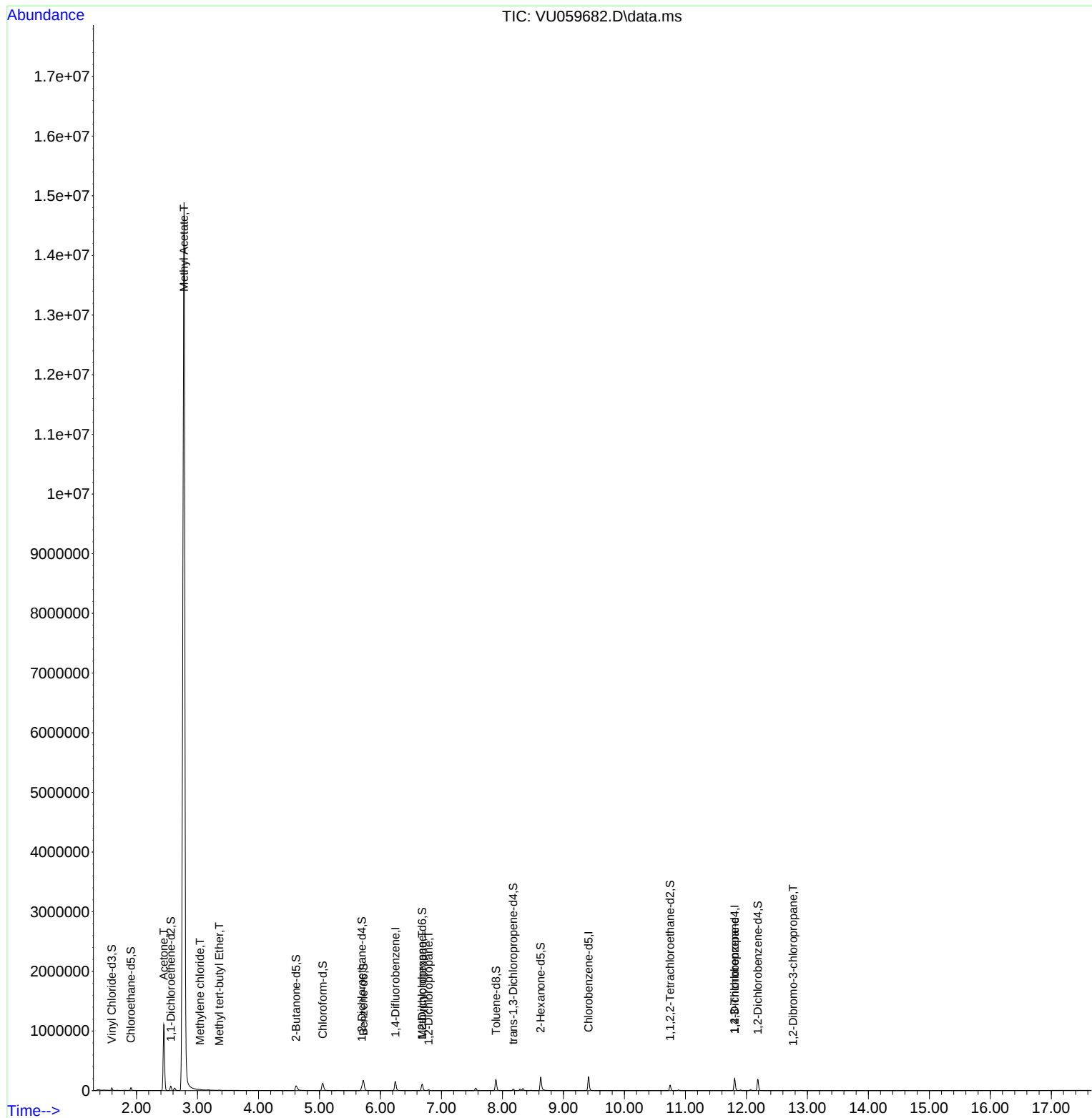
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	133245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30731	3.317	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.400%	
7) Chloroethane-d5	1.907	69	36018	4.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.563	65	14640	3.809	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.615	46	103474	54.217	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.440%	
24) Chloroform-d	5.055	84	88793	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.695	65	43952	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.721	84	170210	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.682	67	55513	4.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.894	98	133399	3.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	8.177	79	16367	4.417	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.627	63	76094	49.419	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.840%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48804	4.991	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	55333	5.187	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
13) Acetone	2.448	43	684209	552.665	ug/L	46
15) Methyl Acetate	2.779	43	4463316	1366.176	ug/L #	51
16) Methylene chloride	3.039	84	3240	0.289	ug/L	76
17) Methyl tert-butyl Ether	3.357	73	2267	0.111	ug/L #	88
35) Methylcyclohexane	6.682	83	13335	0.812	ug/L #	18
37) 1,2-Dichloropropane	6.788	63	5626	0.510	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	6569	1.186	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.765	75	90	0.083	ug/L #	6

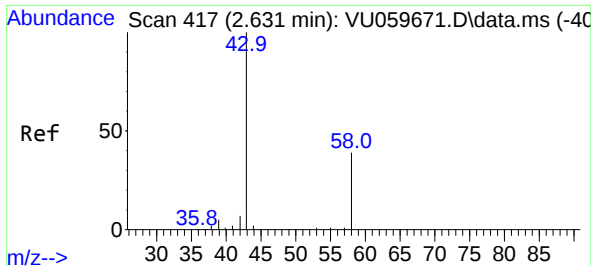
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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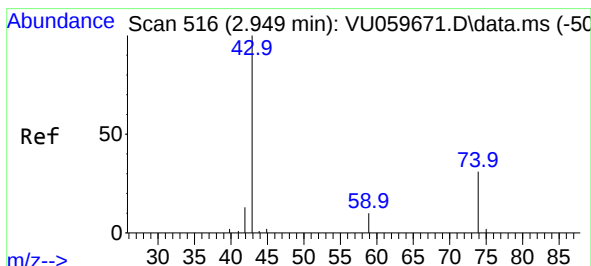
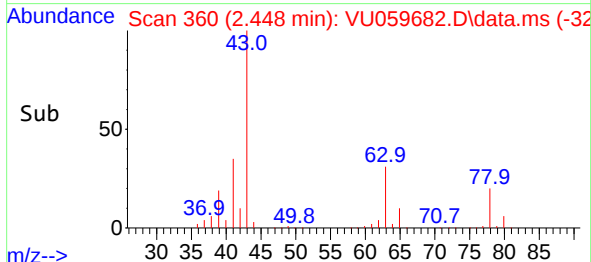
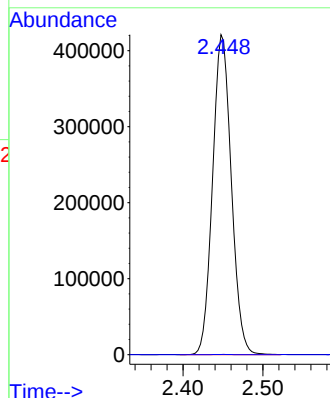
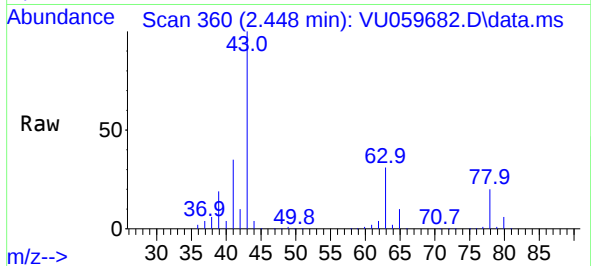




#13
Acetone
Concen: 552.665 ug/L
RT: 2.448 min Scan# 30
Delta R.T. -0.186 min
Lab File: VU059682.D
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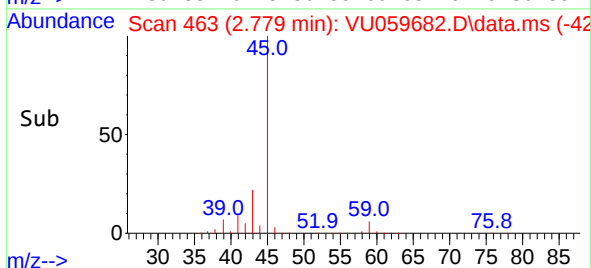
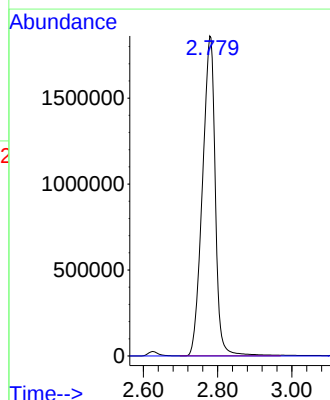
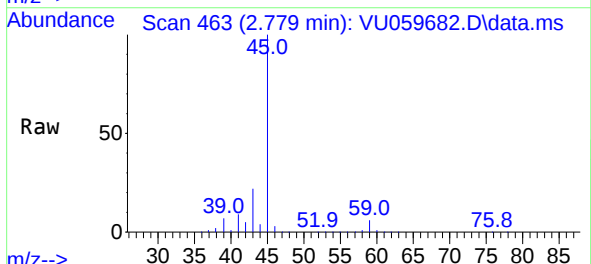
Instrument :
MSVOA_U
ClientSampleId :

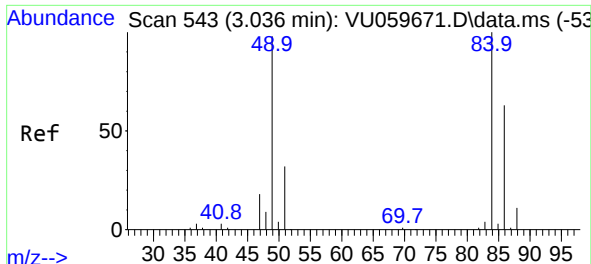
Tgt Ion: 43 Resp: 684209
Ion Ratio Lower Upper
43 100
58 2.8 0.0 68.0



#15
Methyl Acetate
Concen: 1366.176 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.170 min
Lab File: VU059682.D
Acq: 01 Jul 2024 14:10

Tgt Ion: 43 Resp: 4463316
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

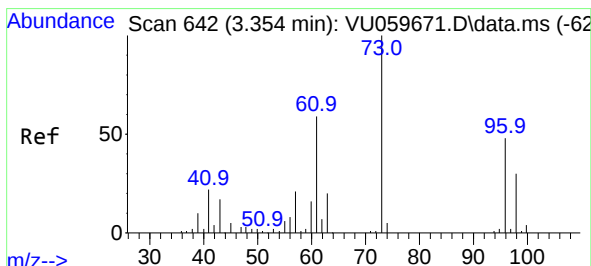
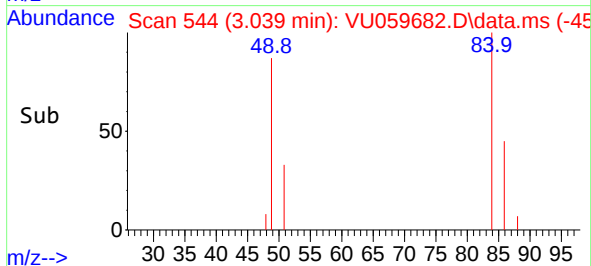
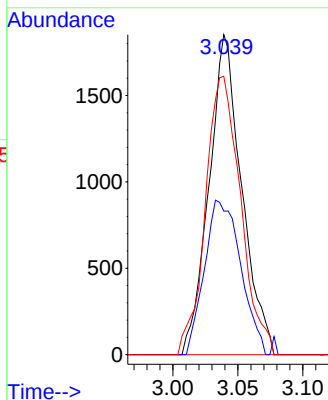
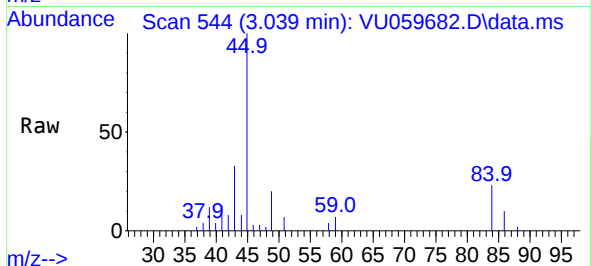




#16
Methylene chloride
Concen: 0.289 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059682.D
Acq: 01 Jul 2024 14:10

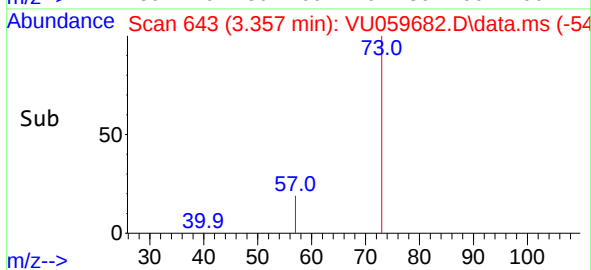
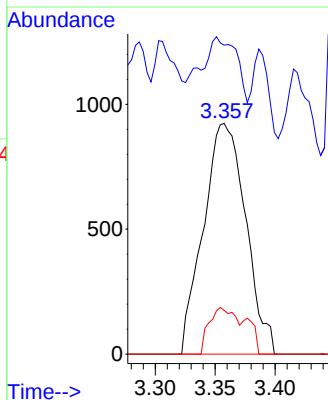
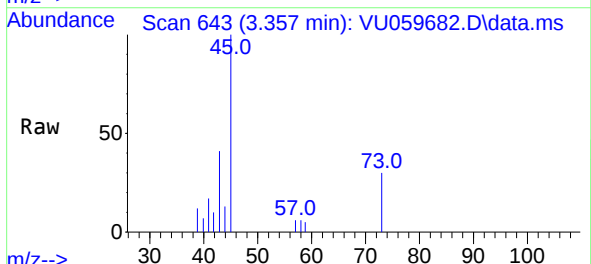
Instrument :
MSVOA_U
ClientSampleId :

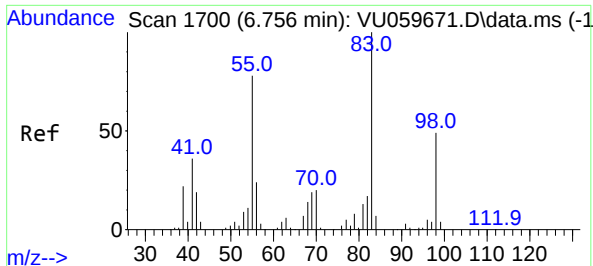
Tgt Ion: 84 Resp: 3240
Ion Ratio Lower Upper
84 100
86 44.8 42.1 78.1
49 87.0 80.6 149.8



#17
Methyl tert-butyl Ether
Concen: 0.111 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU059682.D
Acq: 01 Jul 2024 14:10

Tgt Ion: 73 Resp: 2267
Ion Ratio Lower Upper
73 100
43 17.5 14.9 22.3
57 12.7 18.0 27.0#





#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059682.D

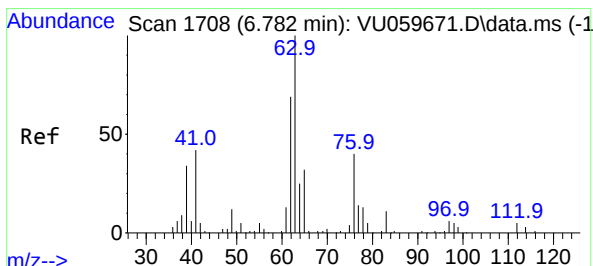
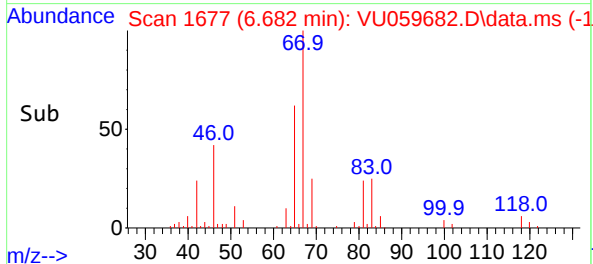
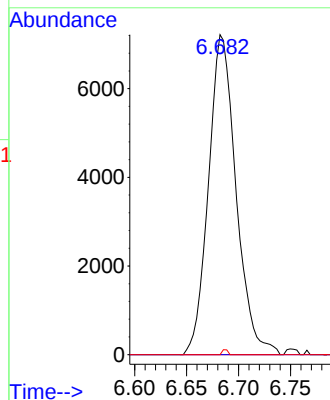
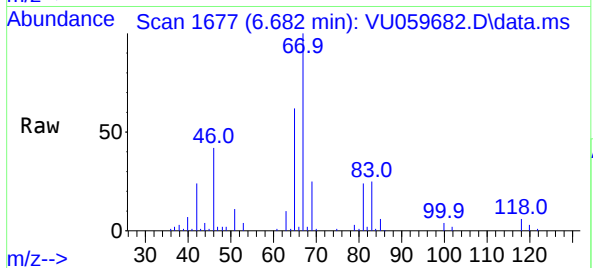
Acq: 01 Jul 2024 14:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13335
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.3	35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

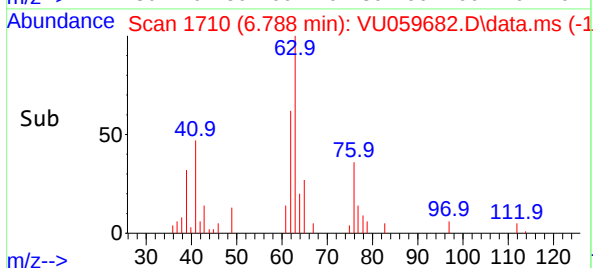
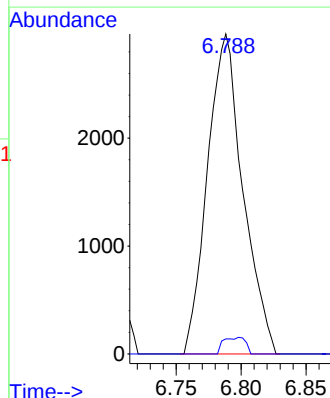
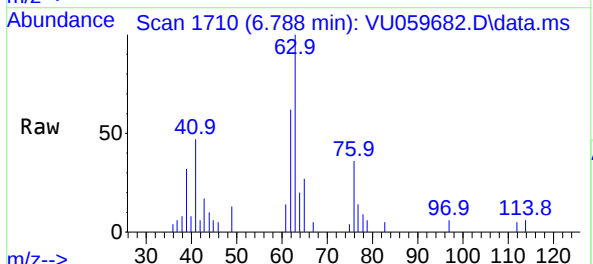
RT: 6.788 min Scan# 1710

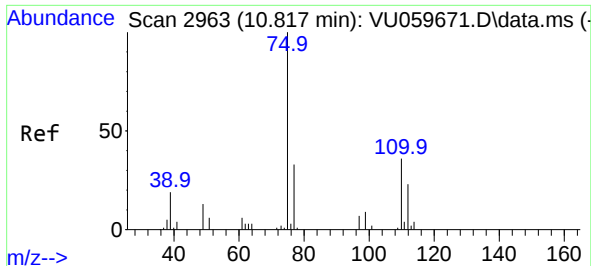
Delta R.T. 0.003 min

Lab File: VU059682.D

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Tgt Ion: 63	Resp: 5626
Ion Ratio	Lower Upper
63 100	
112 3.2	2.6 3.8

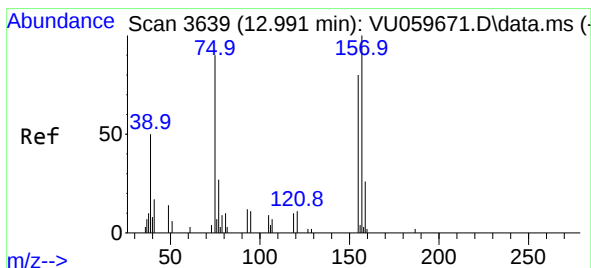
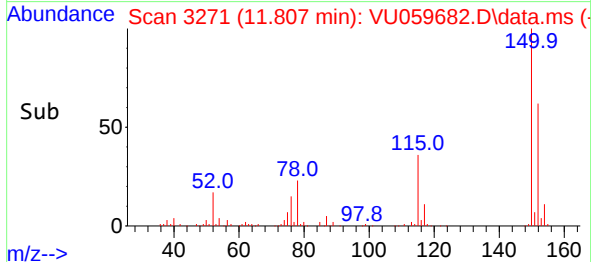
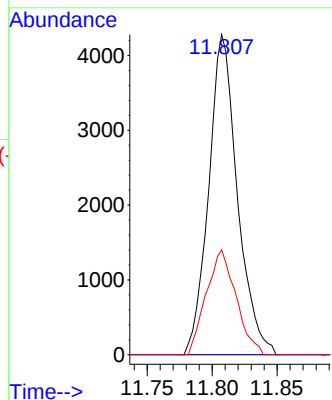
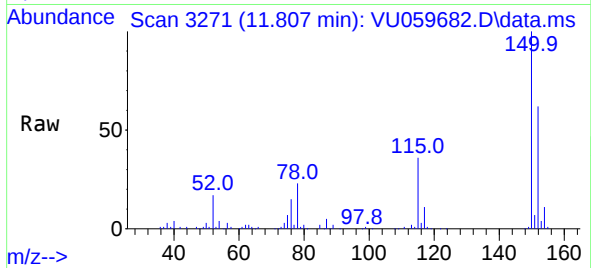




#61
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059682.D
Acq: 01 Jul 2024 14:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6569
Ion Ratio Lower Upper
75 100
110 0.0 27.1 40.7#
77 34.0 25.4 38.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.083 ug/L
RT: 12.765 min Scan# 3569
Delta R.T. -0.225 min
Lab File: VU059682.D
Acq: 01 Jul 2024 14:10

Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#

