

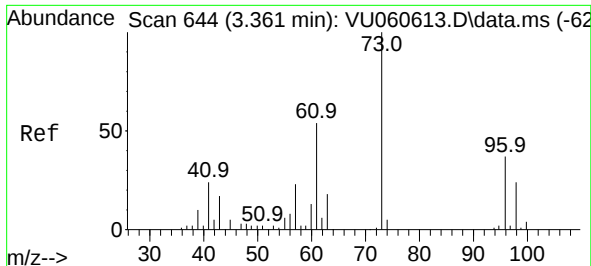
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060623.D
 Acq On : 05 Sep 2024 14:21
 Operator : MD/SY
 Sample : P3809-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:05:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

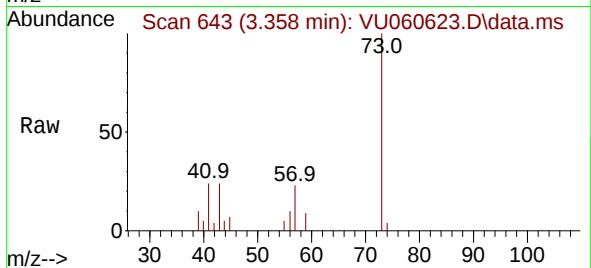
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	125410	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	55805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30732	5.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.908	69	31454	3.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	14716	4.508	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.660	46	48901	25.673	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.340%
24) Chloroform-d	5.055	84	70172	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.698	65	35681	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.718	84	131776	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	44006	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	106557	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.177	79	13042	3.898	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.631	63	49937	31.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	33245	3.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	40906	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
17) Methyl tert-butyl Ether	3.358	73	10050	0.482	ug/L	96
19) 1,1-Dichloroethane	3.872	63	2595	0.143	ug/L #	86
22) cis-1,2-Dichloroethene	4.670	96	1739	0.174	ug/L	86
35) Methylcyclohexane	6.682	83	10183	0.651	ug/L #	16
61) 1,2,3-Trichloropropane	11.807	75	6549	1.217	ug/L #	61

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

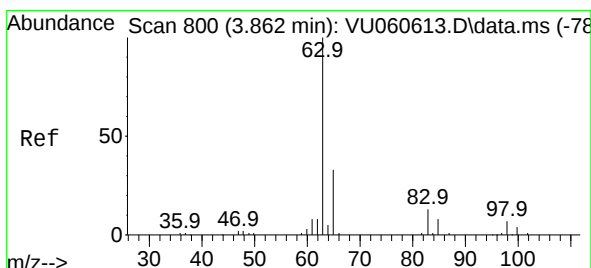
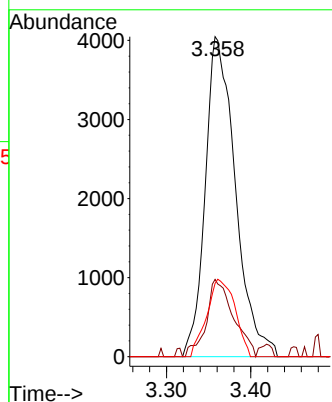
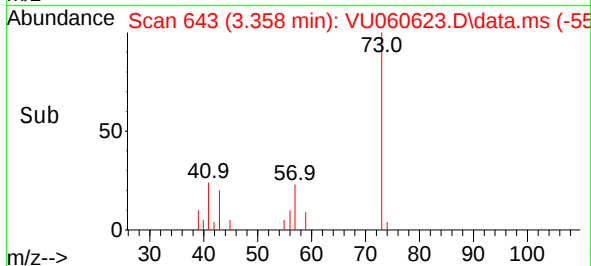


#17
Methyl tert-butyl Ether
Concen: 0.482 ug/L
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060623.D
Acq: 05 Sep 2024 14:21

Instrument :
MSVOA_U
ClientSampleId :

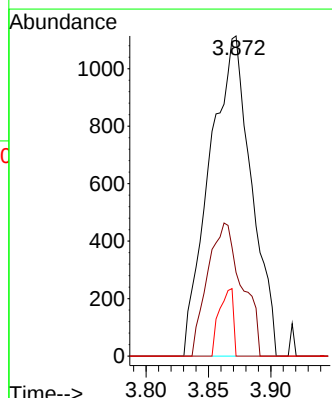
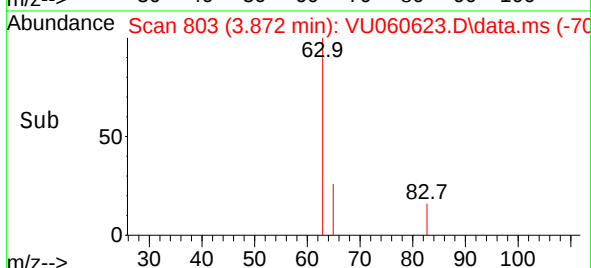
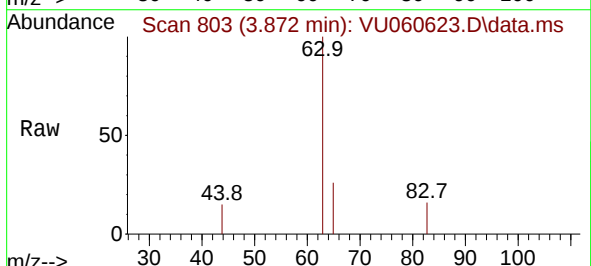


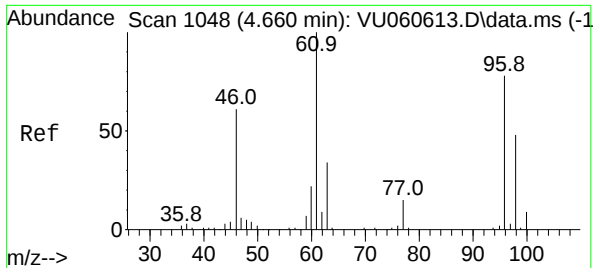
Tgt Ion: 73 Resp: 10050
Ion Ratio Lower Upper
73 100
43 21.8 15.8 23.6
57 22.7 16.8 25.2



#19
1,1-Dichloroethane
Concen: 0.143 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.010 min
Lab File: VU060623.D
Acq: 05 Sep 2024 14:21

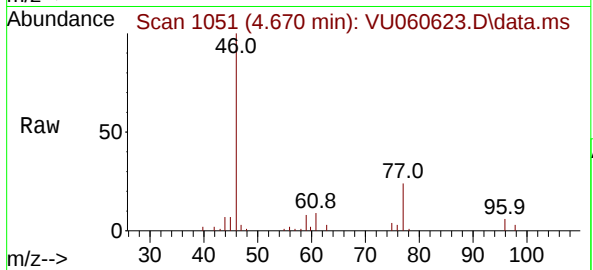
Tgt Ion: 63 Resp: 2595
Ion Ratio Lower Upper
63 100
65 26.1 20.5 38.1
83 0.0 9.2 17.2#



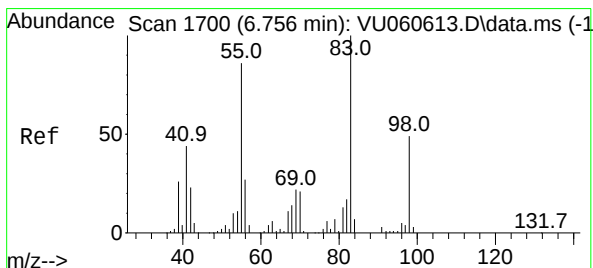
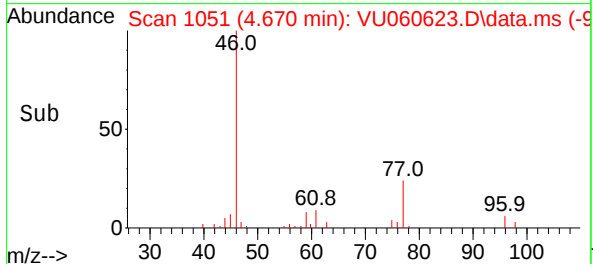
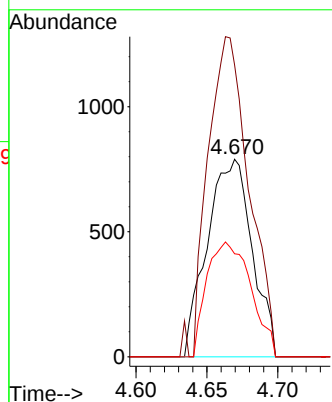


#22
 cis-1,2-Dichloroethene
 Concen: 0.174 ug/L
 RT: 4.670 min Scan# 1048
 Delta R.T. 0.010 min
 Lab File: VU060623.D
 Acq: 05 Sep 2024 14:21

Instrument :
 MSVOA_U
 ClientSampleId :

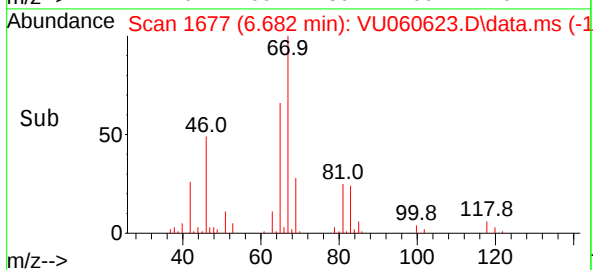
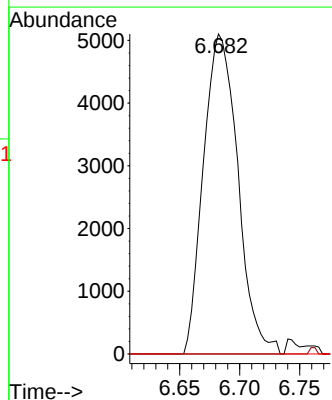
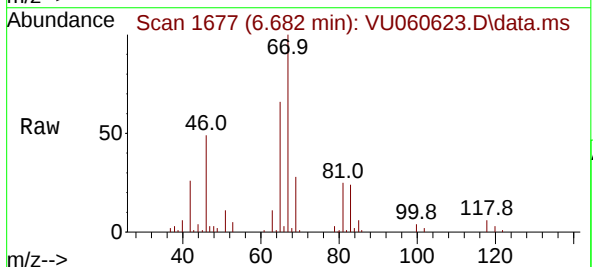


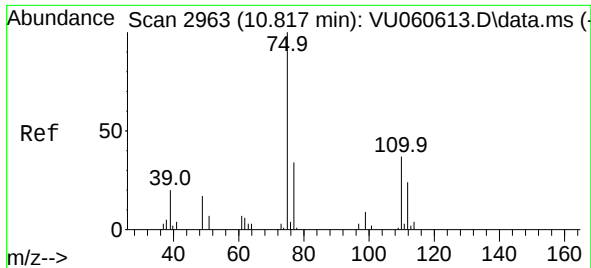
Tgt Ion: 96 Resp: 1739
 Ion Ratio Lower Upper
 96 100
 61 147.7 92.9 172.5
 98 52.2 45.0 83.6



#35
 Methylcyclohexane
 Concen: 0.651 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU060623.D
 Acq: 05 Sep 2024 14:21

Tgt Ion: 83 Resp: 10183
 Ion Ratio Lower Upper
 83 100
 55 0.4 65.8 98.8#
 98 0.0 37.8 56.8#





#61

1,2,3-Trichloropropane

Concen: 1.217 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

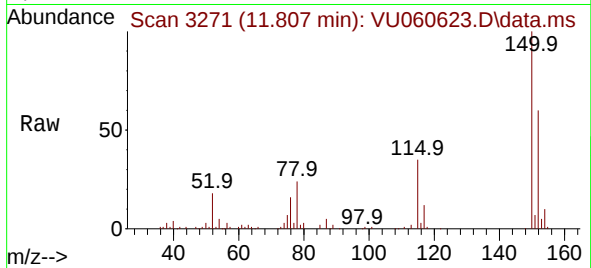
Lab File: VU060623.D

Acq: 05 Sep 2024 14:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 6549

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 38.0 25.4 38.2

