

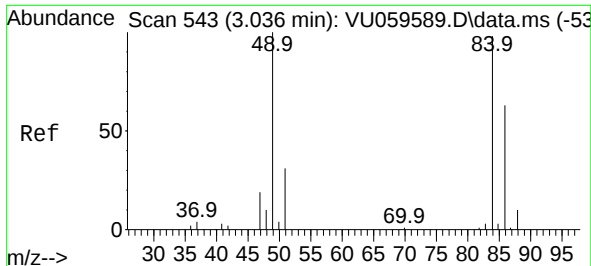
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059597.D
 Acq On : 28 Jun 2024 05:28
 Operator : MD/SY
 Sample : P3007-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 07:00:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135588	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37216	3.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.908	69	41620	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.560	65	17069	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.621	46	102302	52.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	5.055	84	94826	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.692	65	46438	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.718	84	188412	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	59583	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	159288	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	16431	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.628	63	79980	50.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49711	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	58724	5.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
16) Methylene chloride	3.036	84	2324	0.204	ug/L	94
35) Methylcyclohexane	6.682	83	13455	0.795	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	6262	0.551	ug/L #	90
42) Toluene	7.965	91	5721	0.123	ug/L	95
47) Tetrachloroethene	8.547	164	36494	3.955	ug/L	98
49) Dibromochloromethane	8.547	129	33961	3.661	ug/L #	12

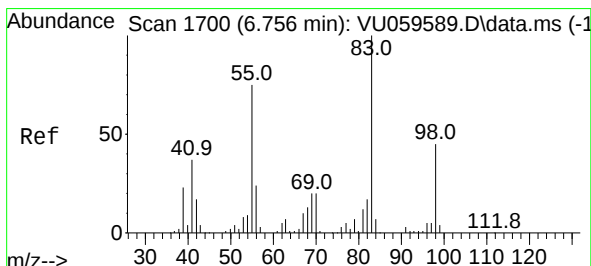
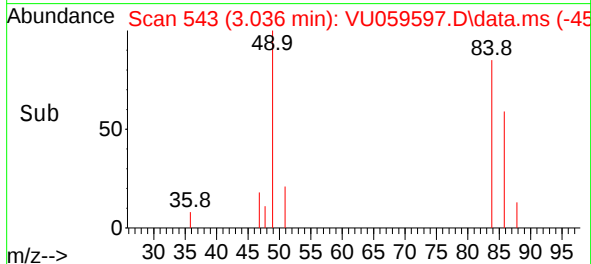
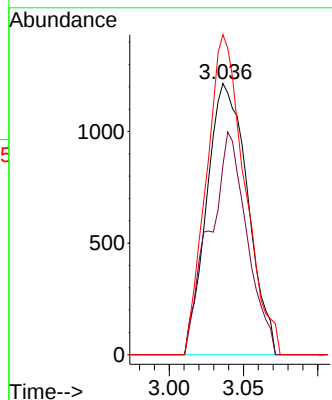
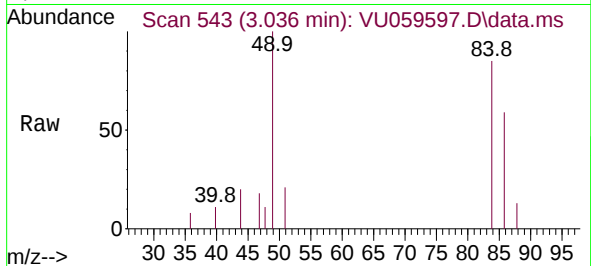
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.204 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059597.D
Acq: 28 Jun 2024 05:28

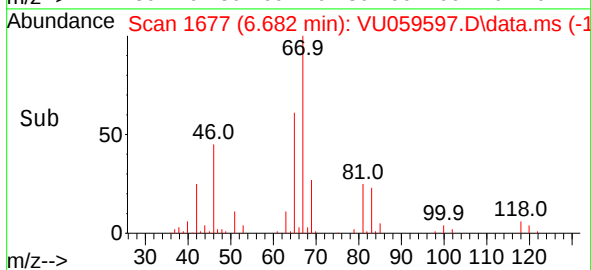
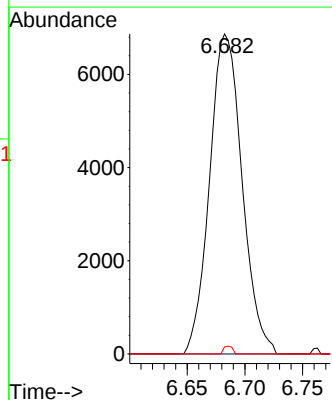
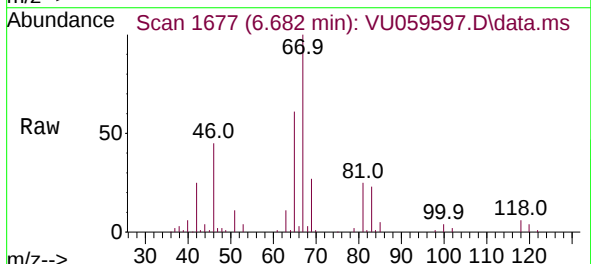
Instrument :
MSVOA_U
ClientSampleId :

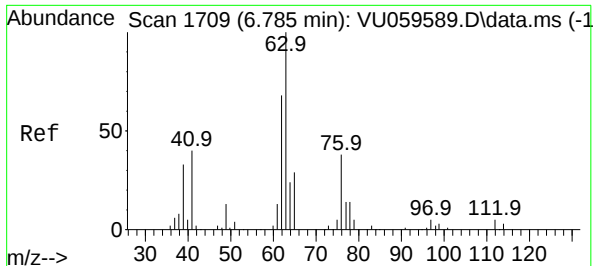
Tgt Ion: 84 Resp: 2324
Ion Ratio Lower Upper
84 100
86 69.8 42.1 78.1
49 118.0 80.6 149.8



#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059597.D
Acq: 28 Jun 2024 05:28

Tgt Ion: 83 Resp: 13455
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.7 35.4 53.0#

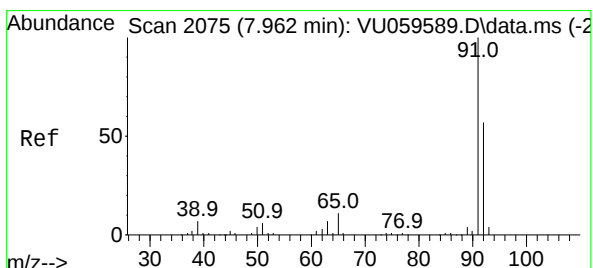
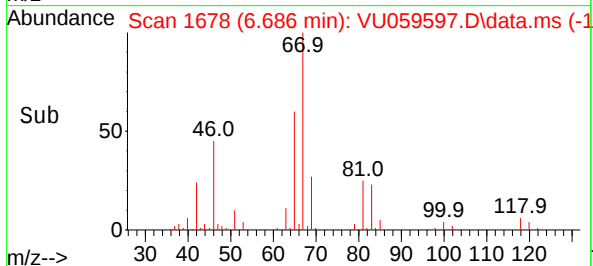
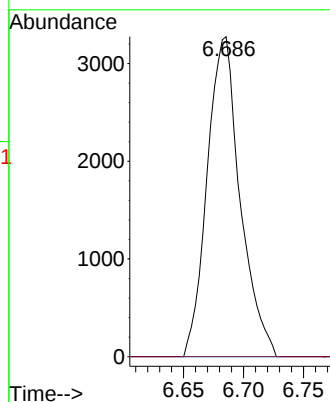
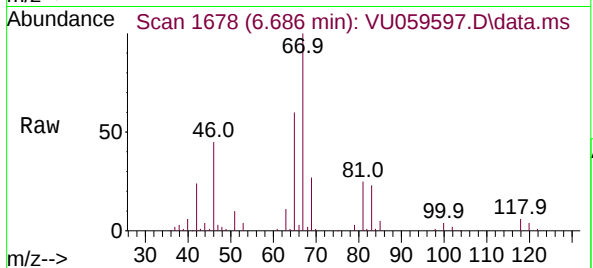




#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU059597.D
Acq: 28 Jun 2024 05:28

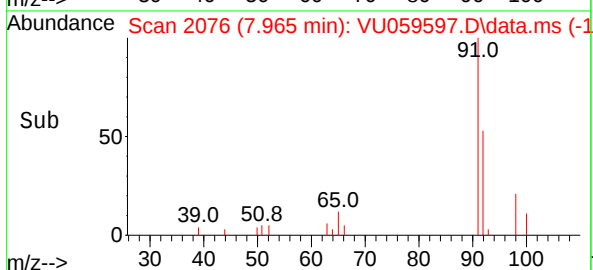
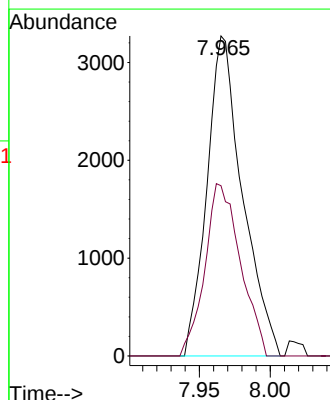
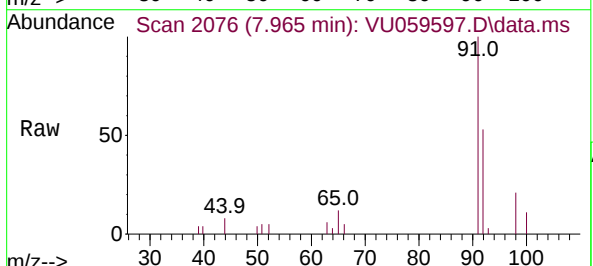
Instrument :
MSVOA_U
ClientSampleId :

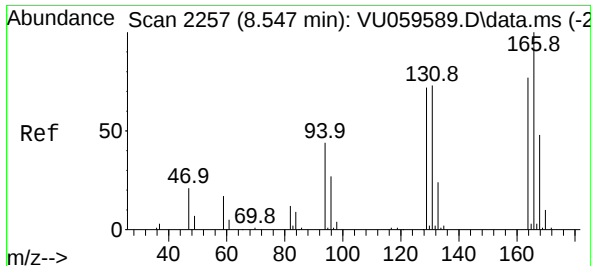
Tgt Ion: 63 Resp: 6262
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.123 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059597.D
Acq: 28 Jun 2024 05:28

Tgt Ion: 91 Resp: 5721
Ion Ratio Lower Upper
91 100
92 53.2 39.7 73.7





#47

Tetrachloroethene

Concen: 3.955 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

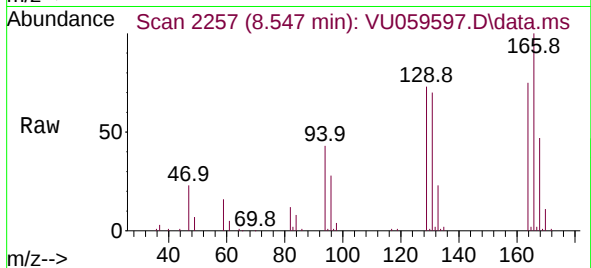
Lab File: VU059597.D

Acq: 28 Jun 2024 05:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 36494

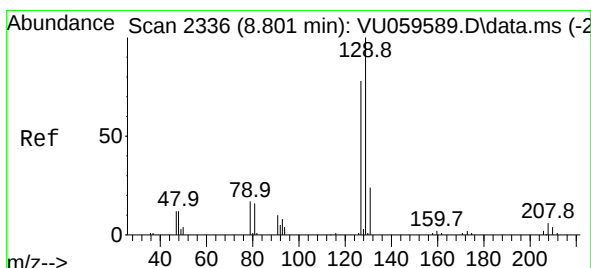
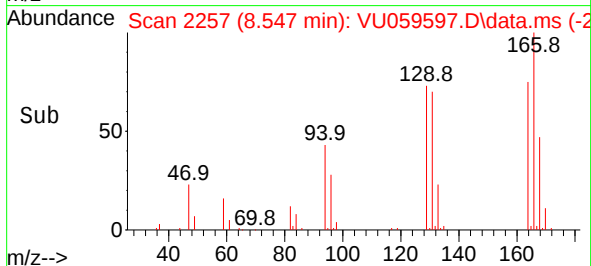
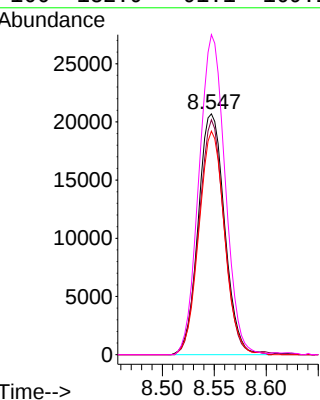
Ion Ratio Lower Upper

164 100

129 97.5 70.8 131.4

131 92.8 64.8 120.3

166 132.9 91.1 169.1



#49

Dibromochloromethane

Concen: 3.661 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059597.D

Acq: 28 Jun 2024 05:28

Tgt Ion:129 Resp: 33961

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

