

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059599.D
 Acq On : 28 Jun 2024 06:15
 Operator : MD/SY
 Sample : P3007-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 07:01:00 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

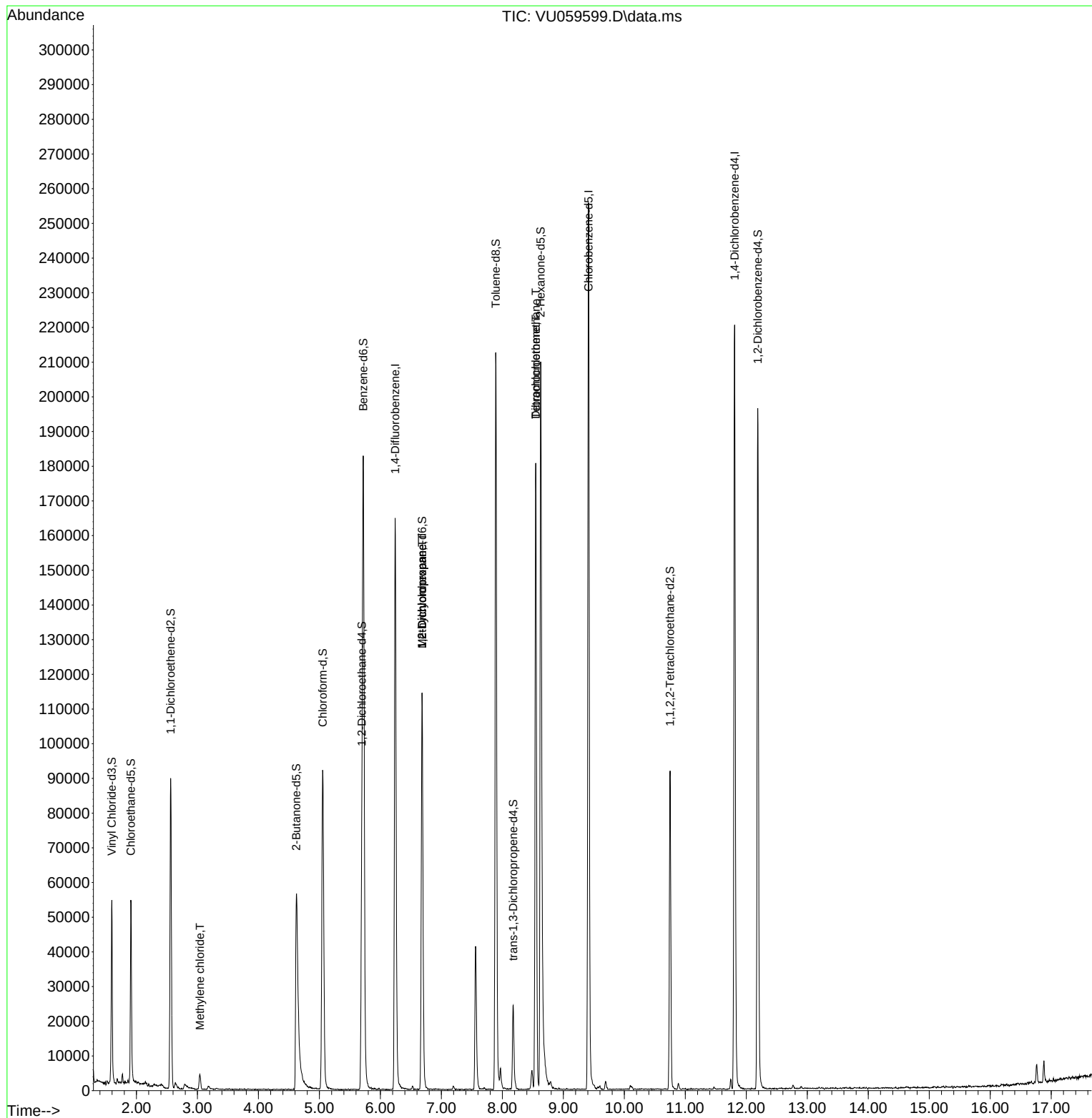
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139617	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37021	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.908	69	39774	4.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	16665	4.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.621	46	99942	49.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.960%
24) Chloroform-d	5.055	84	92363	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	45286	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.718	84	181706	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	57678	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	151361	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	14973	3.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.628	63	77181	46.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48335	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57685	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
16) Methylene chloride	3.039	84	2124	0.181	ug/L	93
35) Methylcyclohexane	6.682	83	13309	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5912	0.494	ug/L #	93
47) Tetrachloroethene	8.547	164	42767	4.400	ug/L	92
49) Dibromochloromethane	8.547	129	39441	4.037	ug/L #	12

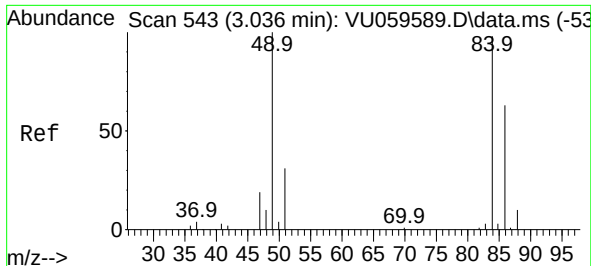
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.181 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

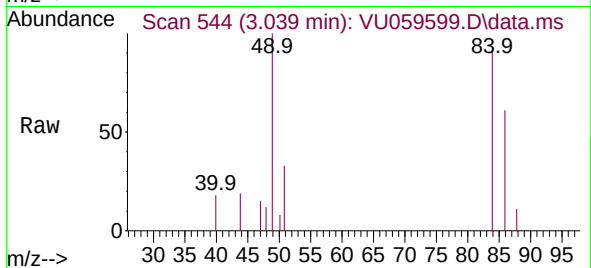
Lab File: VU059599.D

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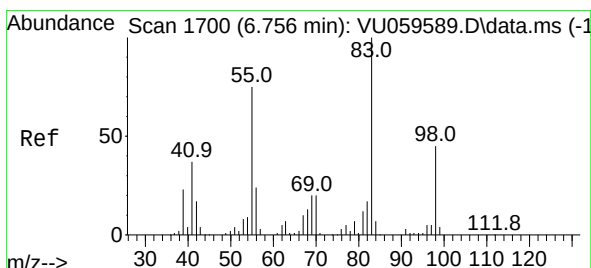
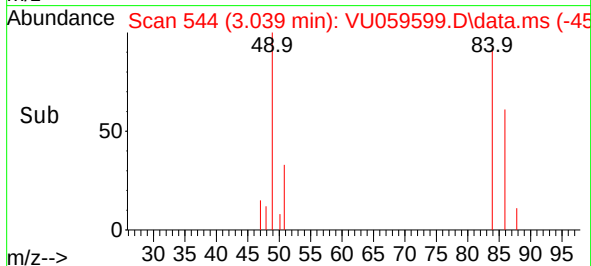
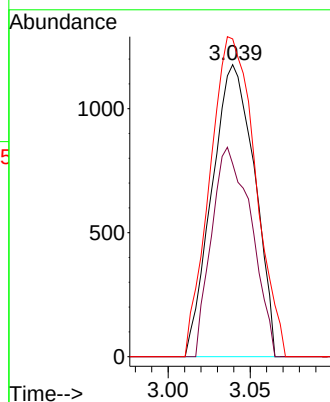
Tgt Ion: 84 Resp: 2124

Ion Ratio Lower Upper

84 100

86 66.0 42.1 78.1

49 108.8 80.6 149.8



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059599.D

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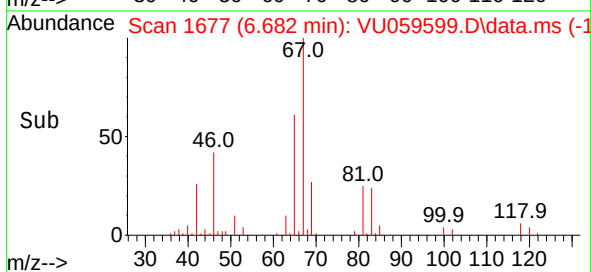
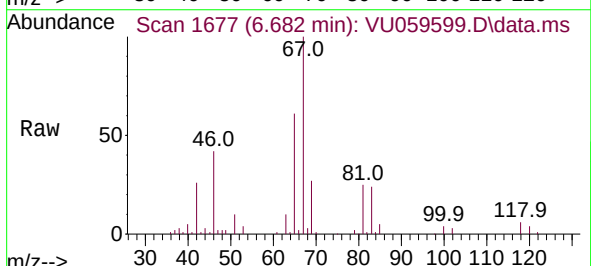
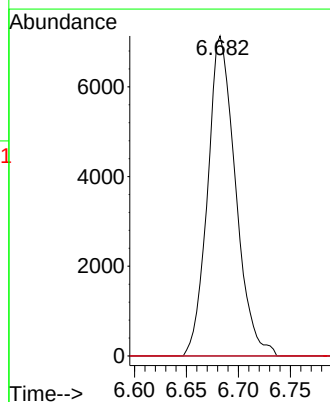
Tgt Ion: 83 Resp: 13309

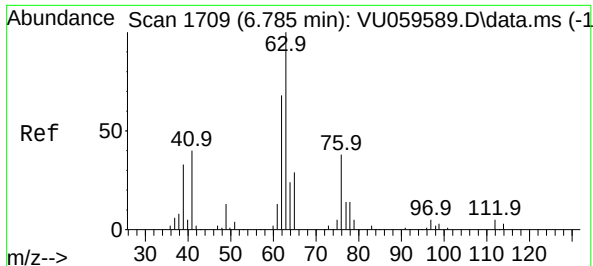
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.4 35.4 53.0#

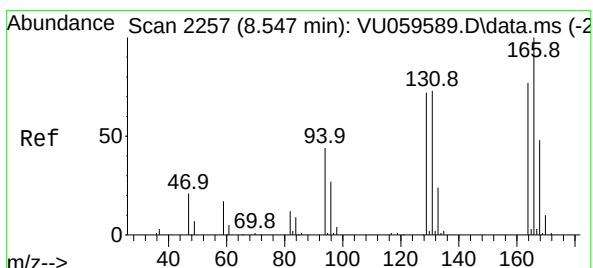
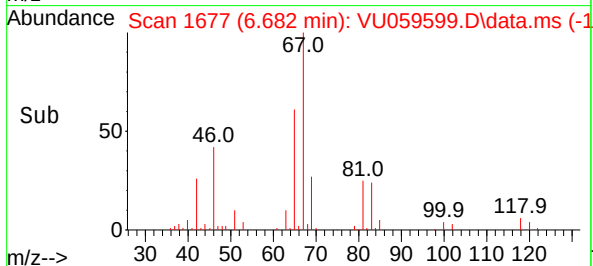
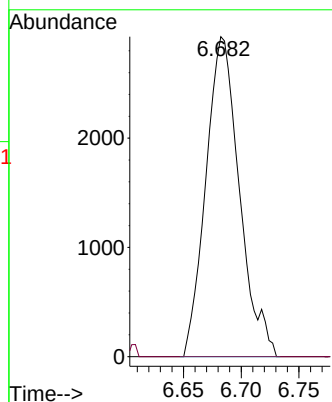
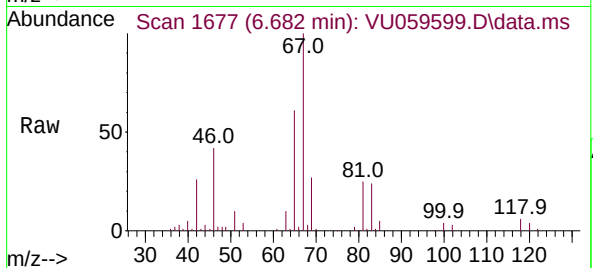




#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059599.D
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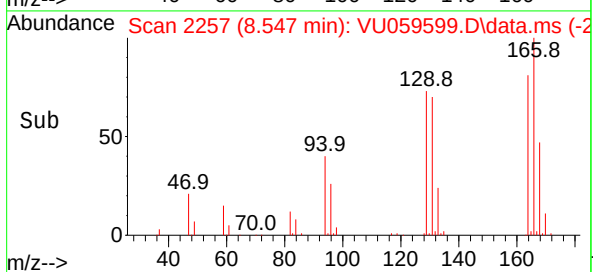
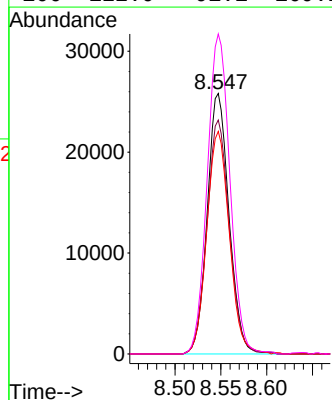
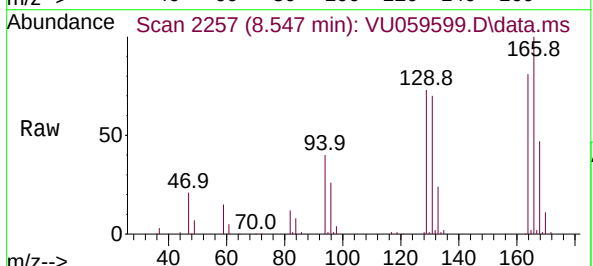
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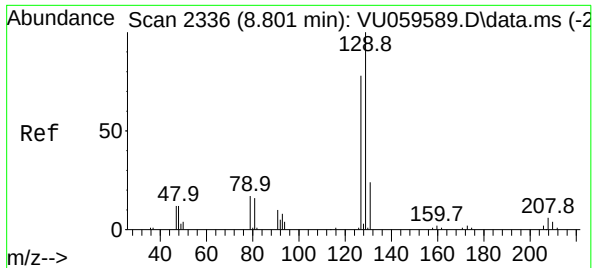
Tgt Ion: 63 Resp: 5912
Ion Ratio Lower Upper
63 100
112 0.7 2.6 3.8#



#47
Tetrachloroethene
Concen: 4.400 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059599.D
Acq: 28 Jun 2024 06:15

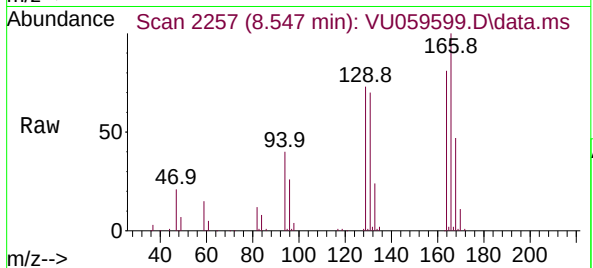
Tgt Ion: 164 Resp: 42767
Ion Ratio Lower Upper
164 100
129 89.8 70.8 131.4
131 85.4 64.8 120.3
166 122.9 91.1 169.1





#49
 Dibromochloromethane
 Concen: 4.037 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU059599.D
 Acq: 28 Jun 2024 06:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 39441
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.5 97.5#

