

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059591.D
 Acq On : 28 Jun 2024 03:04
 Operator : MD/SY
 Sample : P3007-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JMRFO

Quant Time: Jun 28 06:59:04 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)

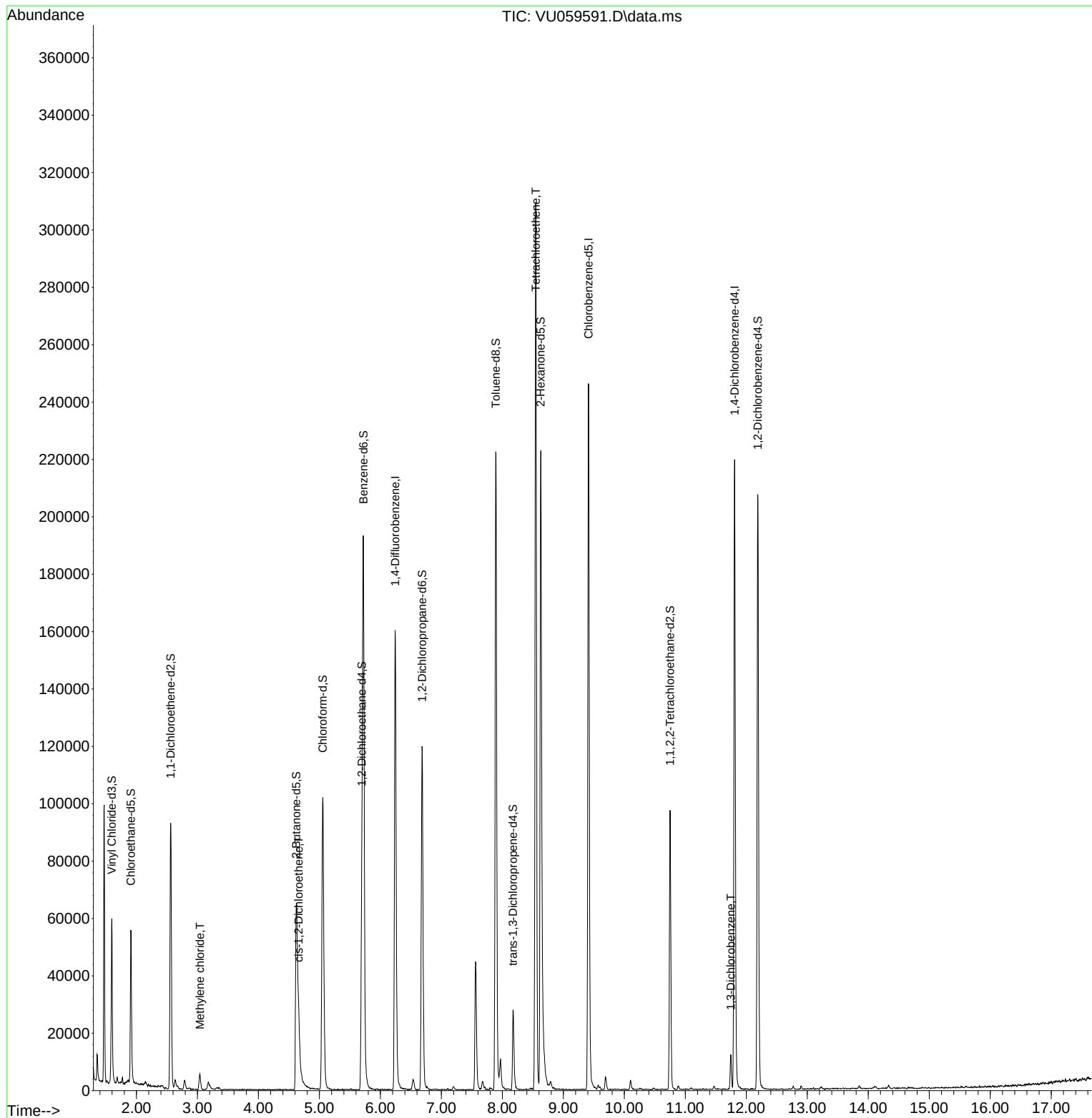
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139223	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40065	4.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.908	69	40735	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	17399	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.621	46	100173	50.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	5.055	84	97504	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	46672	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	189559	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	60330	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	159339	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	17164	4.414	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	79159	48.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50563	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60769	5.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
16) Methylene chloride	3.039	84	2681	0.229	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	6102	0.539	ug/L	94
47) Tetrachloroethene	8.547	164	70863	7.542	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	5668	0.288	ug/L	94

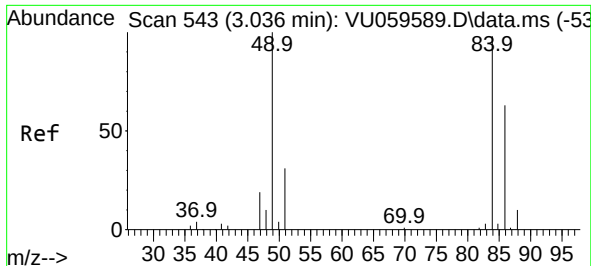
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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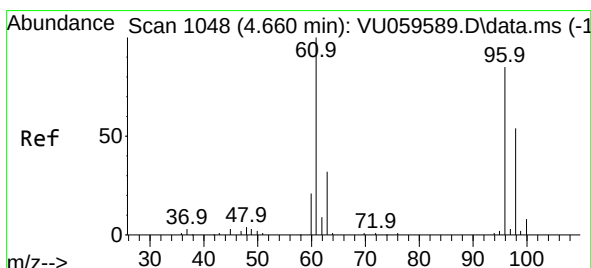
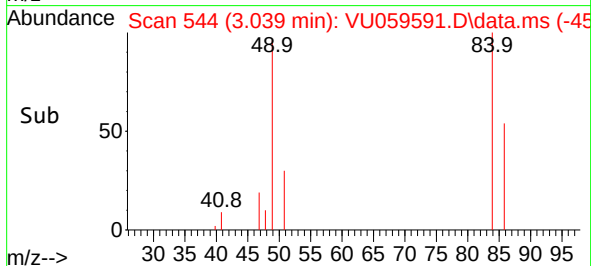
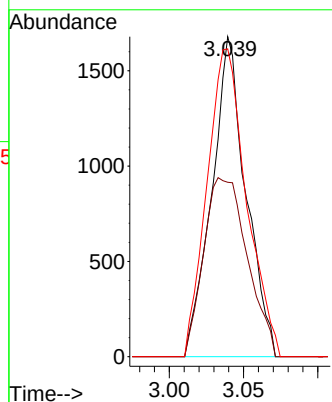
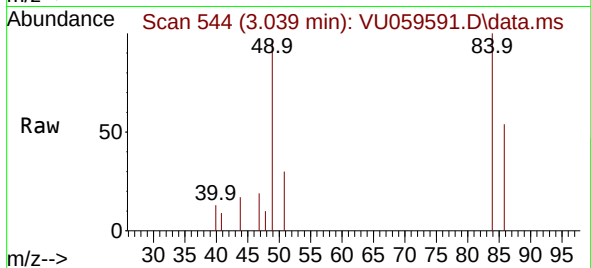




#16
Methylene chloride
Concen: 0.229 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU059591.D
Acq: 28 Jun 2024 03:04

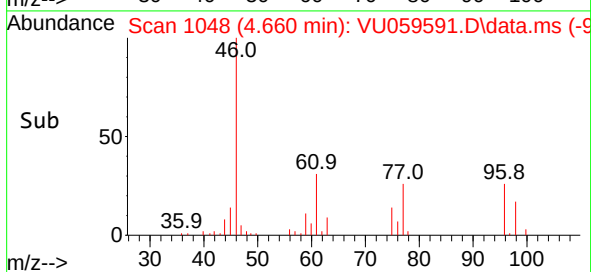
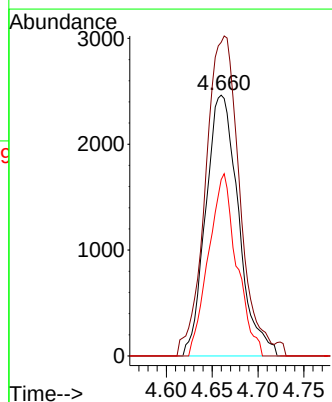
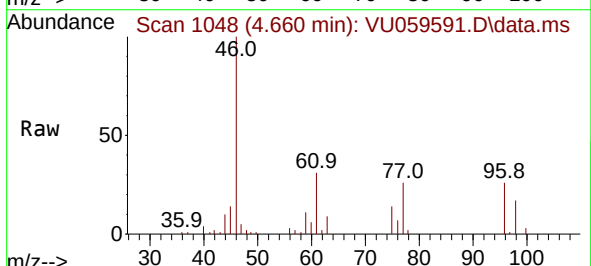
Instrument :
MSVOA_U
ClientSampleId :
JMRFO

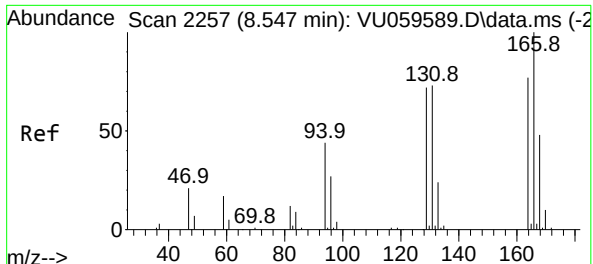
Tgt Ion: 84 Resp: 2681
Ion Ratio Lower Upper
84 100
86 54.5 42.1 78.1
49 96.2 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 0.539 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059591.D
Acq: 28 Jun 2024 03:04

Tgt Ion: 96 Resp: 6102
Ion Ratio Lower Upper
96 100
61 120.3 87.4 162.2
98 67.6 42.3 78.5





#47

Tetrachloroethene

Concen: 7.542 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Instrument :

MSVOA_U

ClientSampleId :

JMRFO

Tgt Ion:164 Resp: 70863

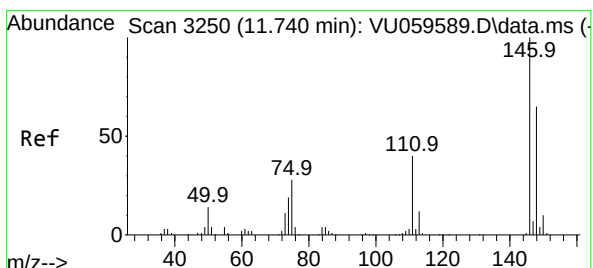
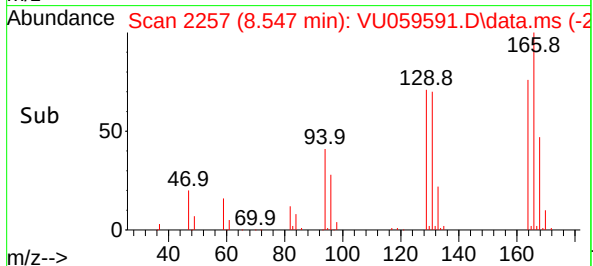
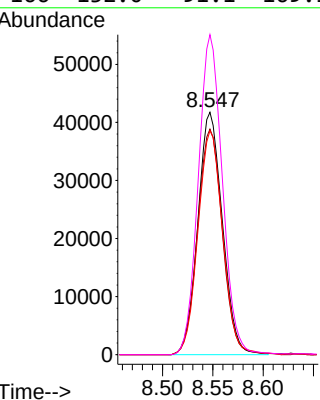
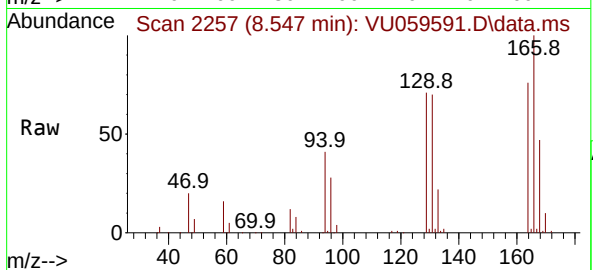
Ion Ratio Lower Upper

164 100

129 93.1 70.8 131.4

131 92.4 64.8 120.3

166 132.0 91.1 169.1



#64

1,3-Dichlorobenzene

Concen: 0.288 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.007 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Tgt Ion:146 Resp: 5668

Ion Ratio Lower Upper

146 100

111 37.4 27.4 51.0

148 57.8 45.0 83.6

