

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059593.D
 Acq On : 28 Jun 2024 03:52
 Operator : MD/SY
 Sample : P3007-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 06:59:33 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)

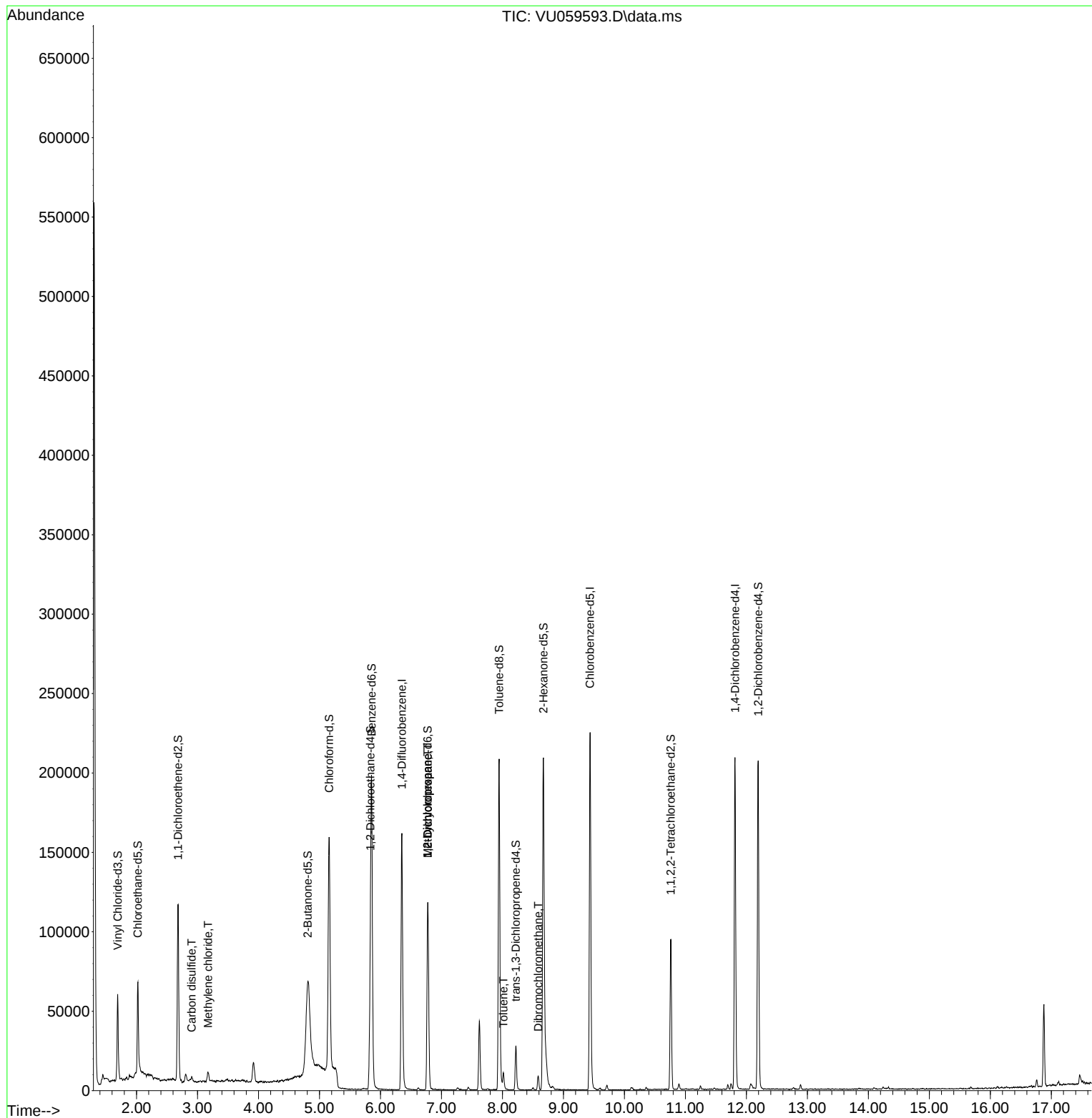
Internal Standards						
1) 1,4-Difluorobenzene	6.351	114	131821	5.000	ug/L	0.11
28) Chlorobenzene-d5	9.438	117	136975	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.814	152	60310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.692	65	43109	4.703	ug/L	0.10
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	2.023	69	45191	5.124	ug/L	0.12
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.682	65	22016	5.789	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	4.808	46	168014	88.986	ug/L	0.19
Spiked Amount	50.000	Range	40 - 130	Recovery	=	177.980%#
24) Chloroform-d	5.158	84	141959	7.545	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	151.000%#
26) 1,2-Dichloroethane-d4	5.837	65	45545	5.025	ug/L	0.14
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.856	84	183888	4.878	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.775	67	58259	5.043	ug/L	0.09
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.946	98	150916	4.306	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.222	79	16171	4.471	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.672	63	77839	51.791	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.580%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	50771	5.320	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	58076	5.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.904	76	4332	0.139	ug/L #	88
16) Methylene chloride	3.174	84	2524	0.228	ug/L	83
35) Methylcyclohexane	6.775	83	14219	0.887	ug/L #	18
37) 1,2-Dichloropropane	6.775	63	6231	0.579	ug/L #	90
42) Toluene	8.017	91	7018	0.159	ug/L	99
49) Dibromochloromethane	8.586	129	2168	0.247	ug/L #	12

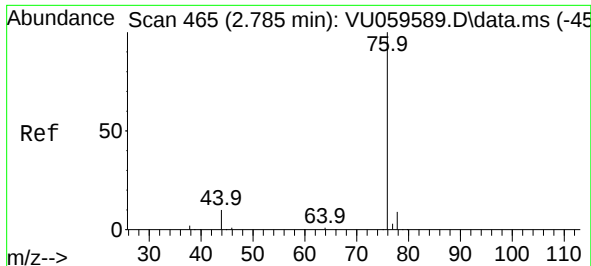
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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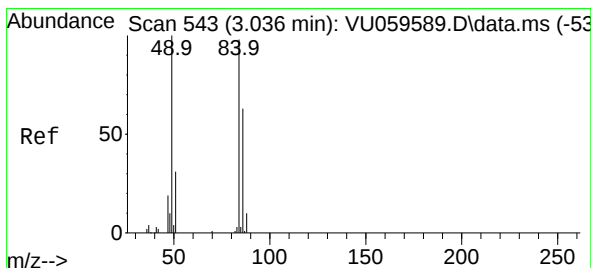
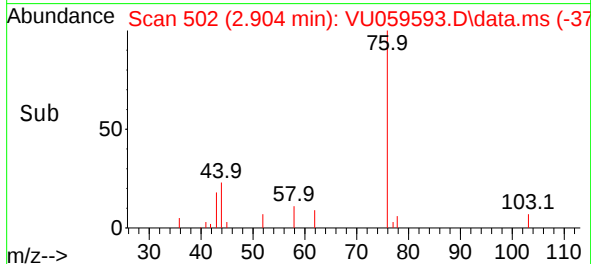
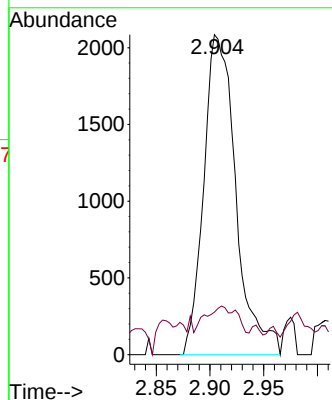
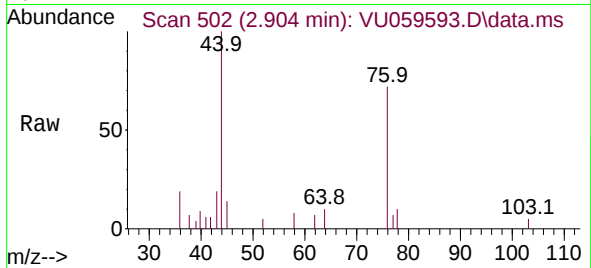




#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.904 min Scan# 502
Delta R.T. 0.119 min
Lab File: VU059593.D
Acq: 28 Jun 2024 03:52

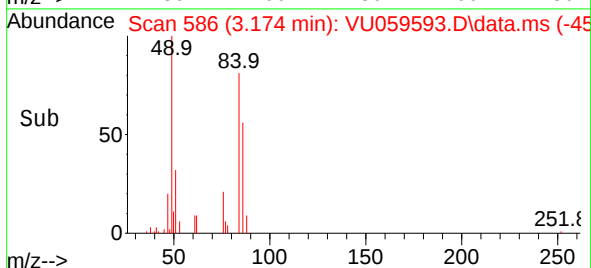
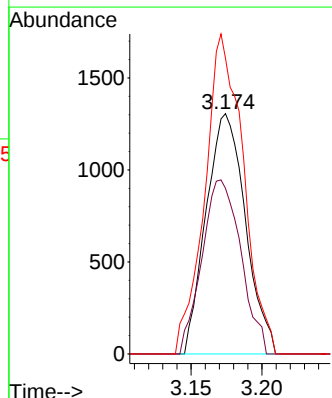
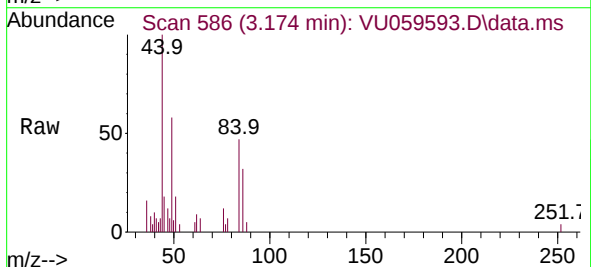
Instrument :
MSVOA_U
ClientSampleId :

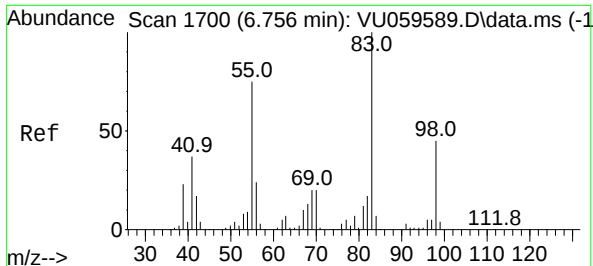
Tgt Ion: 76 Resp: 4332
Ion Ratio Lower Upper
76 100
78 13.3 7.3 10.9#



#16
Methylene chloride
Concen: 0.228 ug/L
RT: 3.174 min Scan# 586
Delta R.T. 0.138 min
Lab File: VU059593.D
Acq: 28 Jun 2024 03:52

Tgt Ion: 84 Resp: 2524
Ion Ratio Lower Upper
84 100
86 68.9 42.1 78.1
49 136.8 80.6 149.8

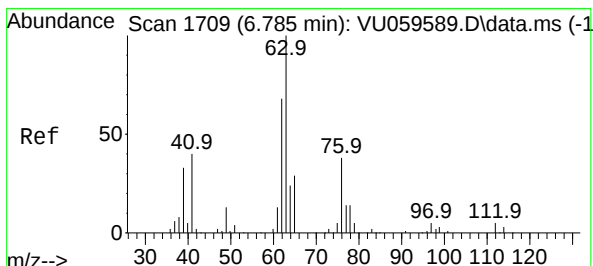
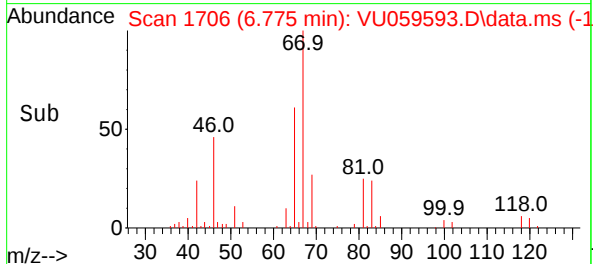
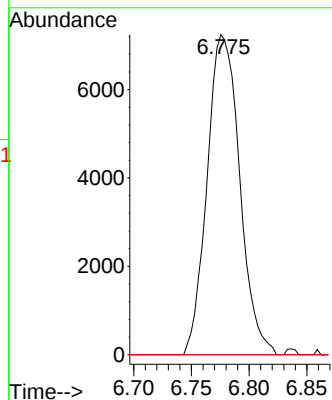
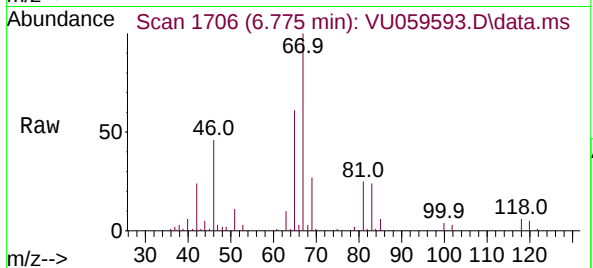




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.775 min Scan# 1706
Delta R.T. 0.019 min
Lab File: VU059593.D
Acq: 28 Jun 2024 03:52

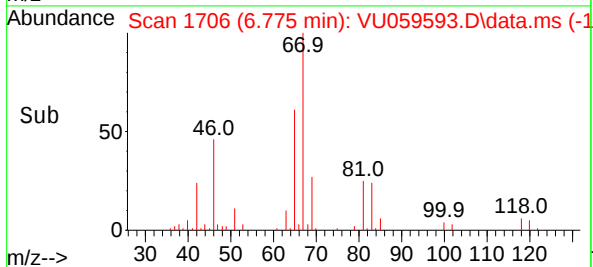
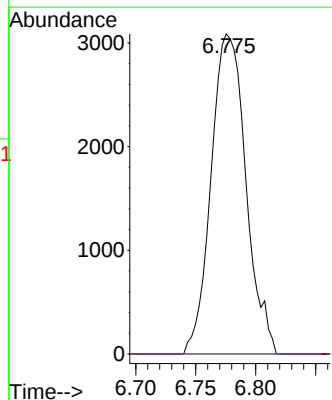
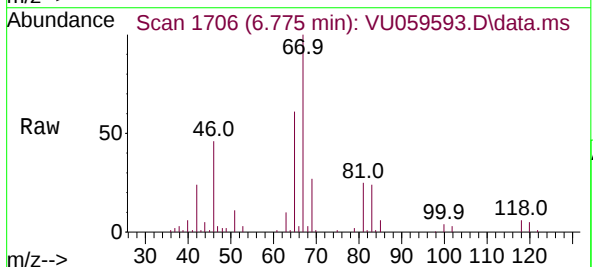
Instrument :
MSVOA_U
ClientSampleId :

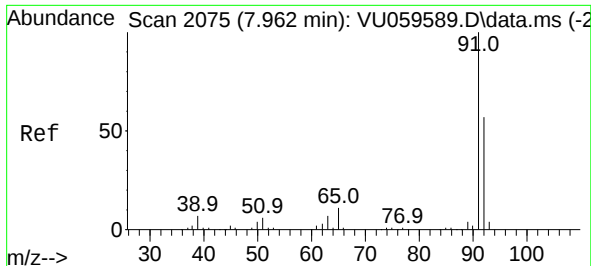
Tgt Ion: 83 Resp: 14219
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.9 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.775 min Scan# 1706
Delta R.T. -0.010 min
Lab File: VU059593.D
Acq: 28 Jun 2024 03:52

Tgt Ion: 63 Resp: 6231
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.159 ug/L

RT: 8.017 min Scan# 2075

Delta R.T. 0.055 min

Lab File: VU059593.D

Acq: 28 Jun 2024 03:52

Instrument :

MSVOA_U

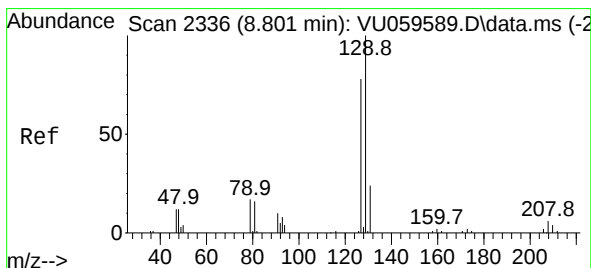
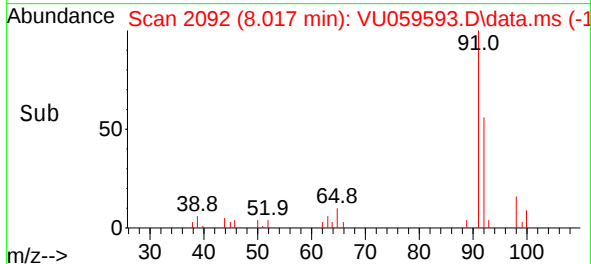
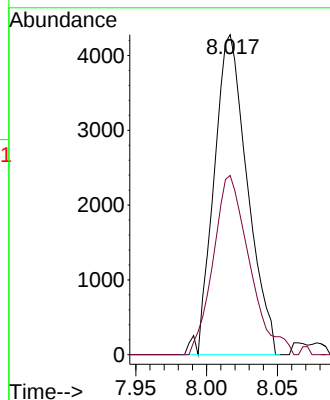
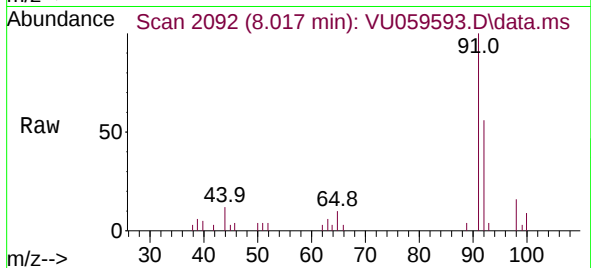
ClientSampleId :

Tgt Ion: 91 Resp: 7018

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#49

Dibromochloromethane

Concen: 0.247 ug/L

RT: 8.586 min Scan# 2269

Delta R.T. -0.215 min

Lab File: VU059593.D

Acq: 28 Jun 2024 03:52

Tgt Ion: 129 Resp: 2168

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

