

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060558.D
 Acq On : 28 Aug 2024 16:14
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

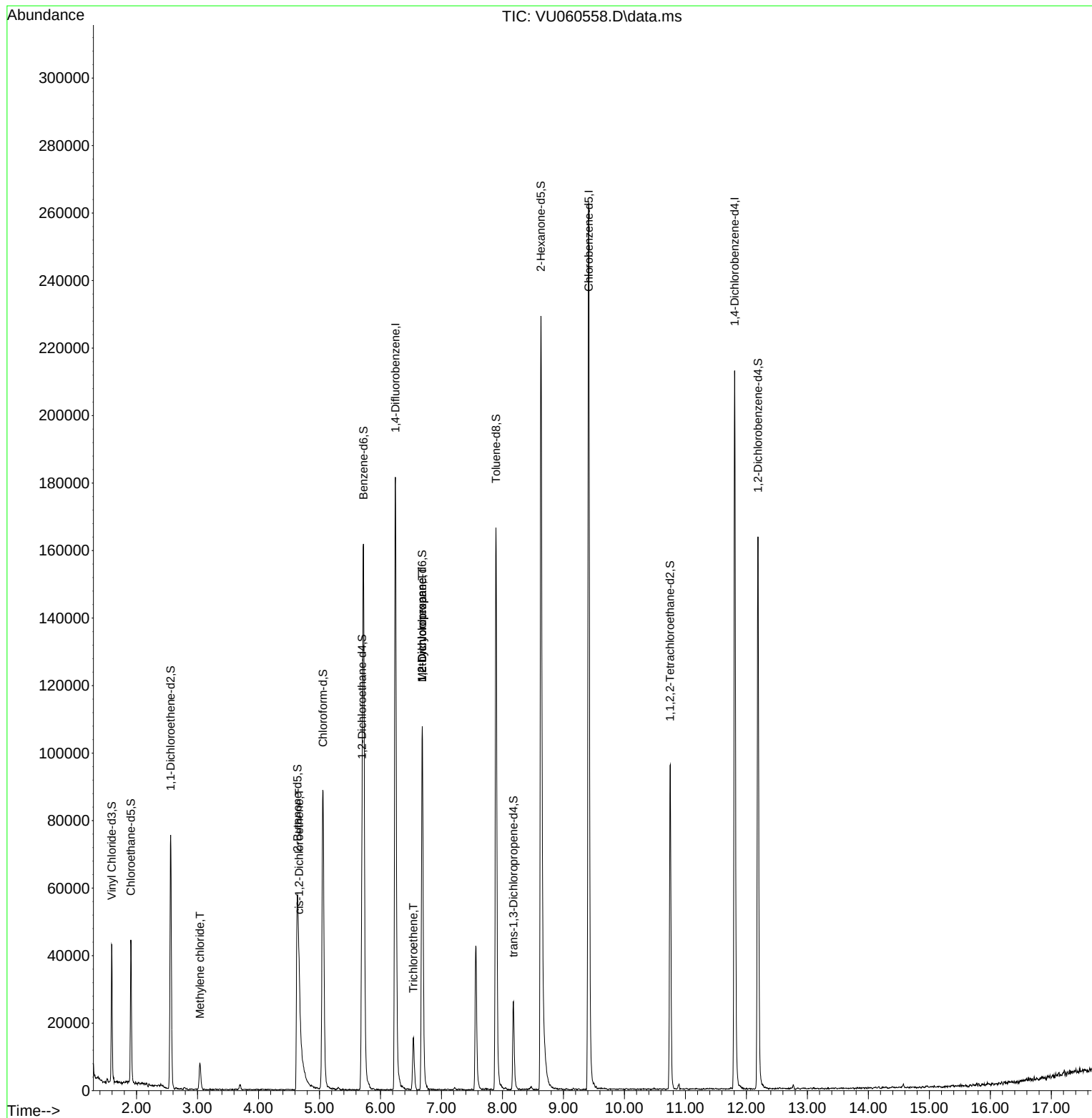
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	160645	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29332	4.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	31024	2.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.800%#
11) 1,1-Dichloroethene-d2	2.560	65	14384	3.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.637	46	114763	47.035	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	5.058	84	88128	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.698	65	48002	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	154694	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	55823	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	119910	3.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.180	79	17764	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.630	63	86965	43.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49134	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	49603	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	3816	0.298	ug/L	75
22) cis-1,2-Dichloroethene	4.666	96	3840	0.301	ug/L	88
34) Trichloroethene	6.541	95	5607	0.391	ug/L	82
35) Methylcyclohexane	6.685	83	13143	0.667	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	5770	0.425	ug/L #	91

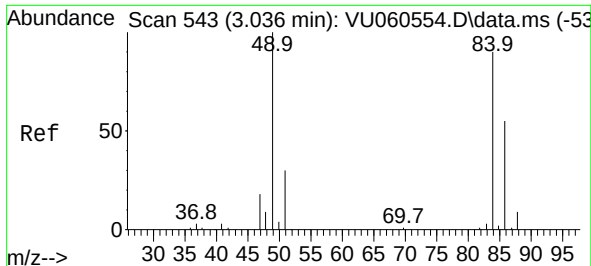
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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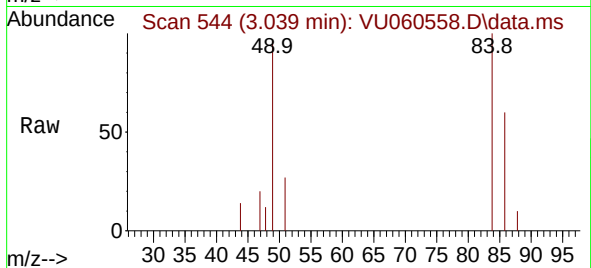
Quant Time: Aug 29 05:47:49 2024
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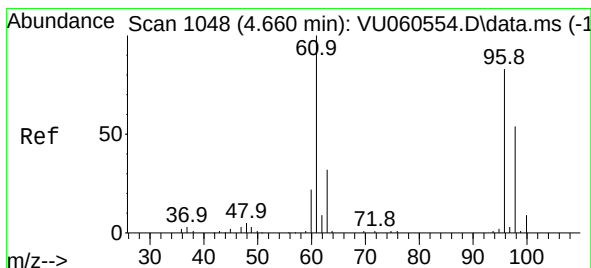
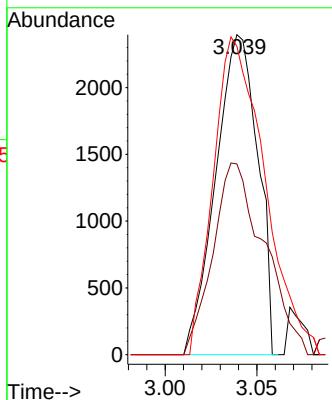
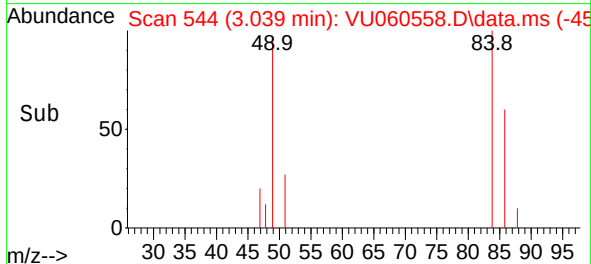


#16
Methylene chloride
Concen: 0.298 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060558.D
Acq: 28 Aug 2024 16:14

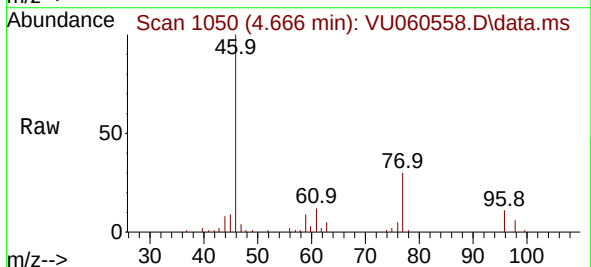
Instrument :
MSVOA_U
ClientSampleId :



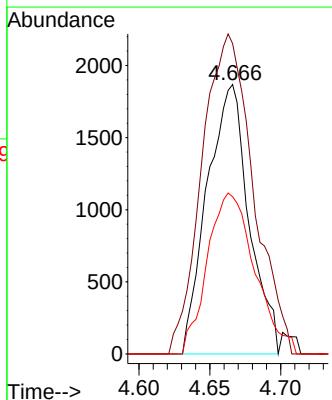
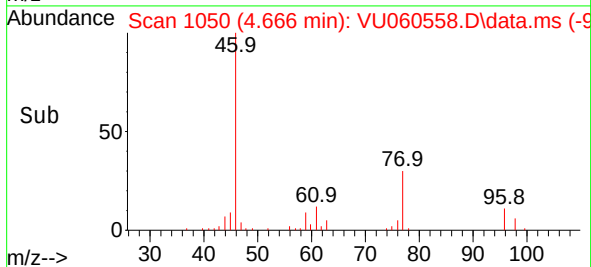
Tgt Ion: 84 Resp: 3816
Ion Ratio Lower Upper
84 100
86 59.6 47.5 88.3
49 96.3 94.4 175.2

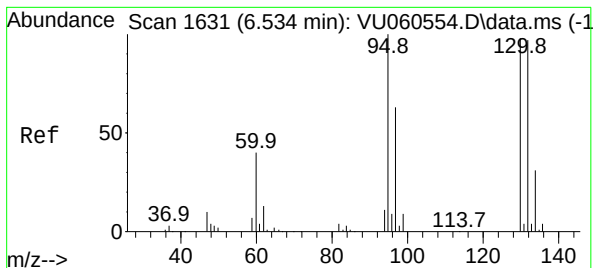


#22
cis-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU060558.D
Acq: 28 Aug 2024 16:14



Tgt Ion: 96 Resp: 3840
Ion Ratio Lower Upper
96 100
61 115.2 92.9 172.5
98 58.4 45.0 83.6





#34

Trichloroethene

Concen: 0.391 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060558.D

Acq: 28 Aug 2024 16:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5607

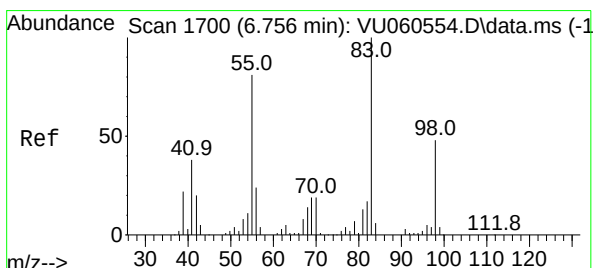
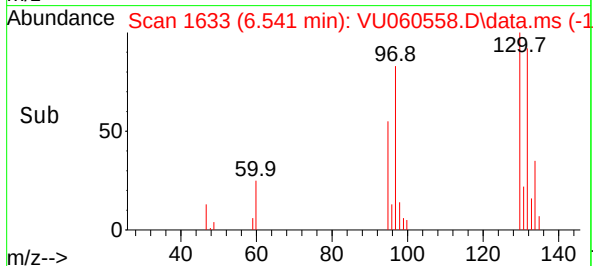
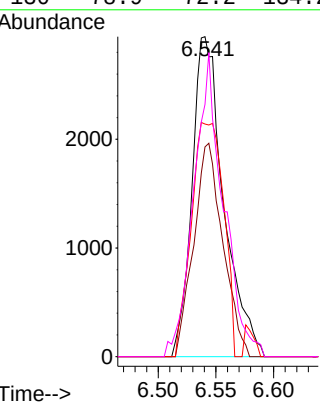
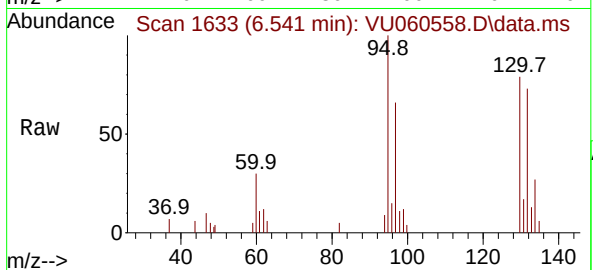
Ion Ratio Lower Upper

95 100

97 65.6 45.8 85.2

132 72.7 67.4 125.2

130 78.9 72.2 134.2



#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060558.D

Acq: 28 Aug 2024 16:14

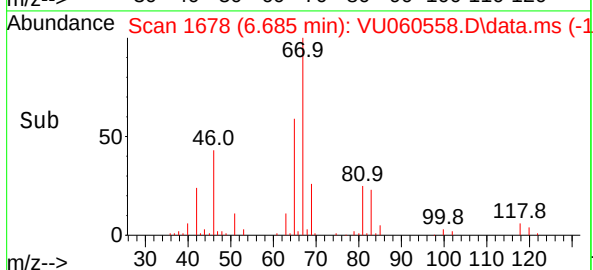
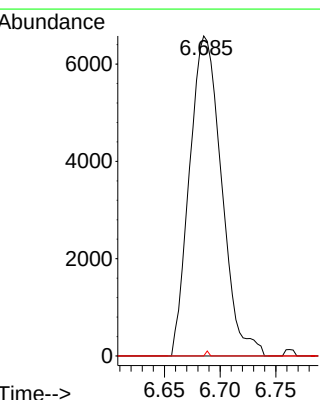
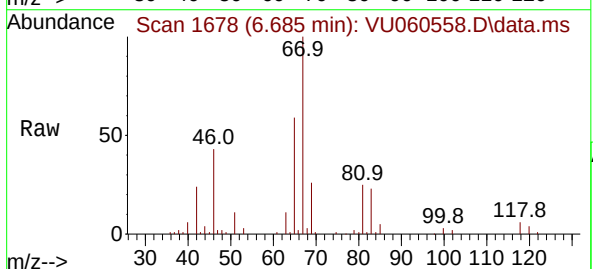
Tgt Ion: 83 Resp: 13143

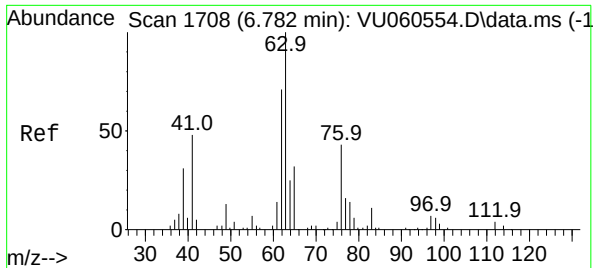
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 0.2 37.8 56.8#





#37
 1,2-Dichloropropane
 Concen: 0.425 ug/L
 RT: 6.685 min Scan# 1
 Delta R.T. -0.096 min
 Lab File: VU060558.D
 Acq: 28 Aug 2024 16:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 63 Resp: 5770
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.3 3.5#

