

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081524\
 Data File : VU060464.D
 Acq On : 15 Aug 2024 15:56
 Operator : MD/SY
 Sample : P3627-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 04:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

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

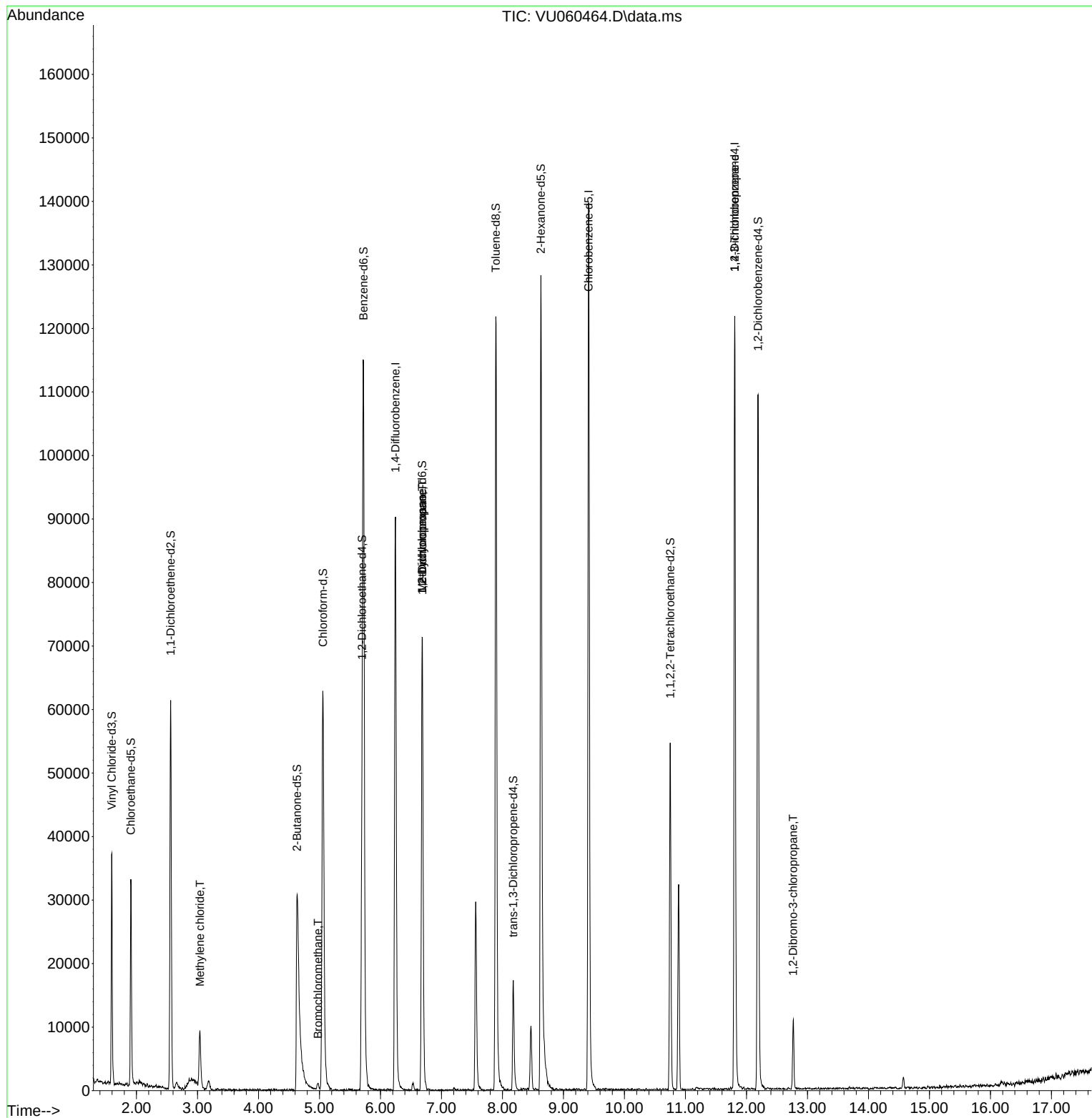
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	79219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26320	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.908	69	24868	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	11494	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.631	46	58442	44.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.580%
24) Chloroform-d	5.055	84	58927	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	29254	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	110987	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	36970	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	88636	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	11317	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	46888	41.690	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28402	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	32991	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4558	0.614	ug/L	96
23) Bromochloromethane	4.975	128	414	0.145	ug/L #	67
35) Methylcyclohexane	6.682	83	8522	1.033	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3562	0.542	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	3896	1.131	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.766	75	267	0.414	ug/L #	1

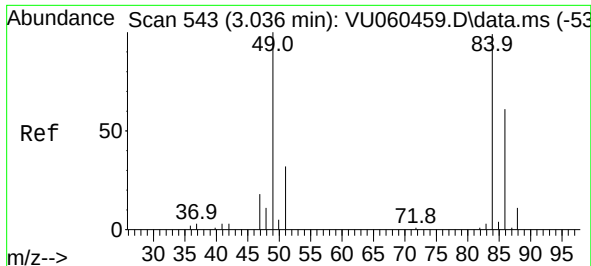
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.614 ug/L

RT: 3.039 min Scan# 543

Delta R.T. 0.003 min

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Acq: 15 Aug 2024 15:56

Instrument :

MSVOA_U

ClientSampleId :

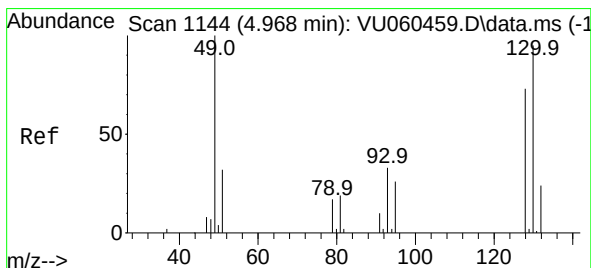
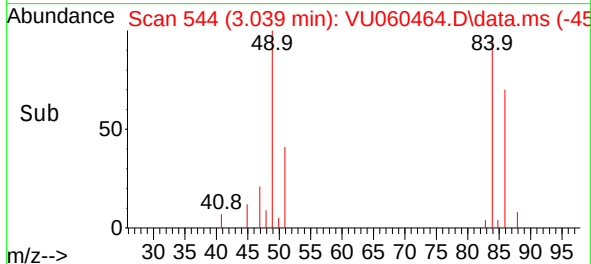
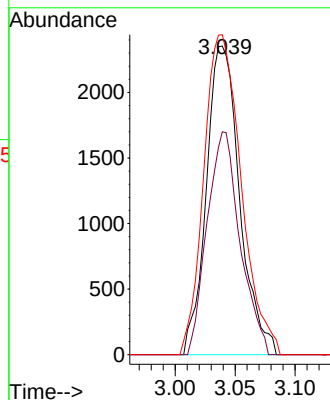
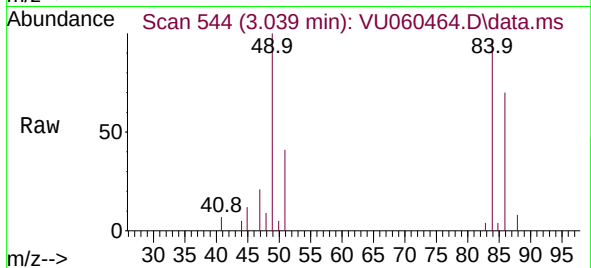
Tgt Ion: 84 Resp: 4558

Ion Ratio Lower Upper

84 100

86 72.2 47.1 87.5

49 103.7 73.9 137.3



#23

Bromochloromethane

Concen: 0.145 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.007 min

Lab File: VU060464.D

Acq: 15 Aug 2024 15:56

Tgt Ion: 128 Resp: 414

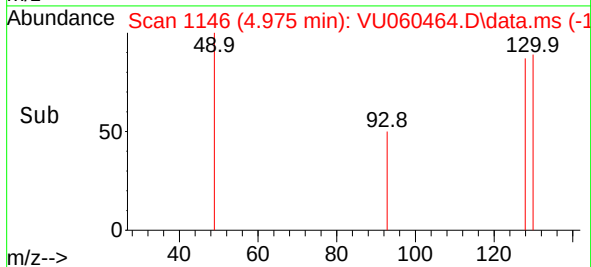
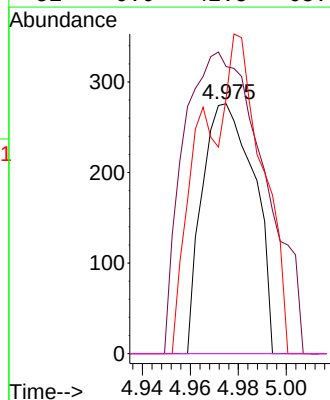
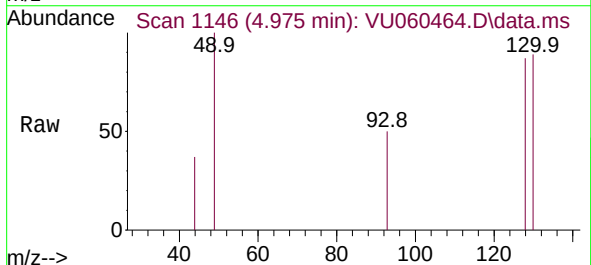
Ion Ratio Lower Upper

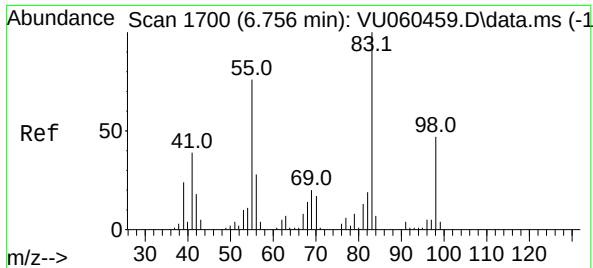
128 100

49 114.9 101.0 187.6

130 102.2 92.7 172.1

51 0.0 42.5 63.7#





#35

Methylcyclohexane

Concen: 1.033 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060464.D

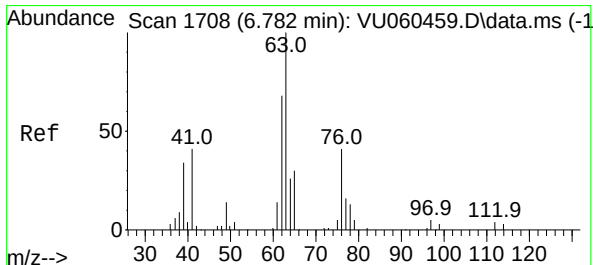
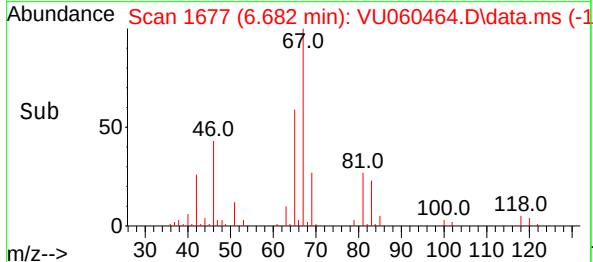
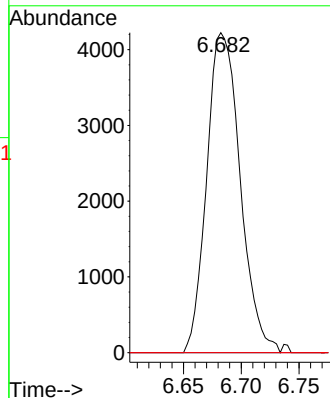
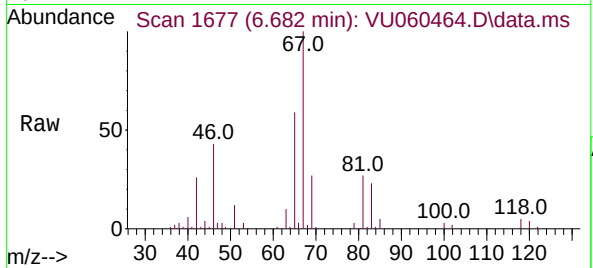
Acq: 15 Aug 2024 15:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	8522
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.4
98	1.5	37.3



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

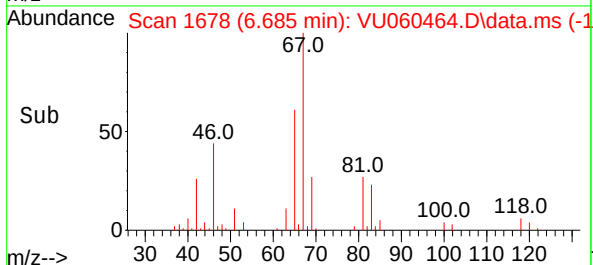
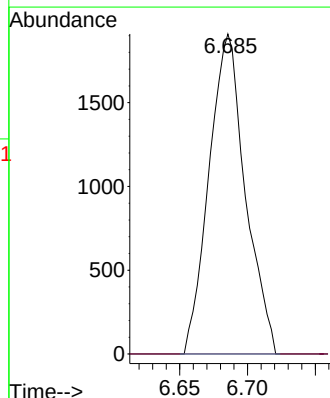
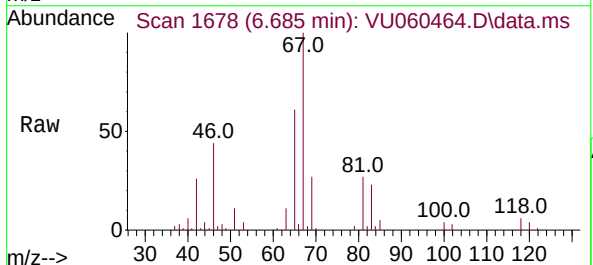
RT: 6.685 min Scan# 1678

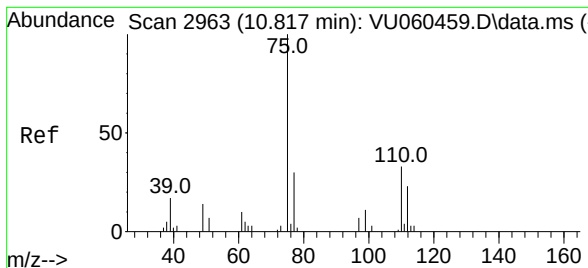
Delta R.T. -0.096 min

Lab File: VU060464.D

Acq: 15 Aug 2024 15:56

Tgt Ion: 63	Resp:	3562
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.3





#61

1,2,3-Trichloropropane

Concen: 1.131 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060464.D

Acq: 15 Aug 2024 15:56

Instrument :

MSVOA_U

ClientSampleId :

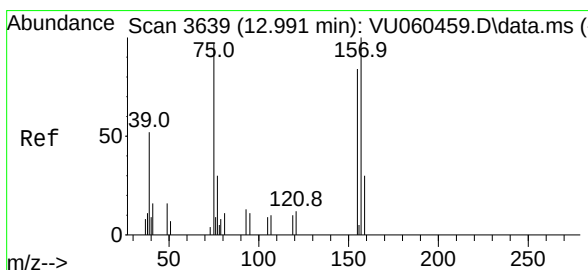
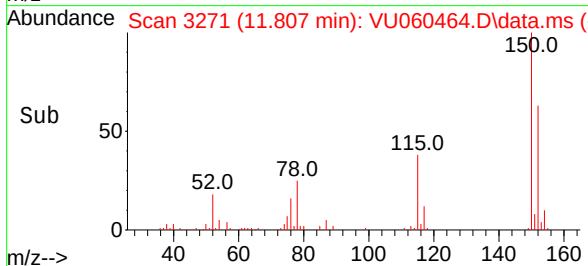
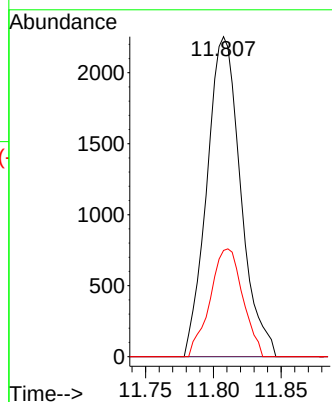
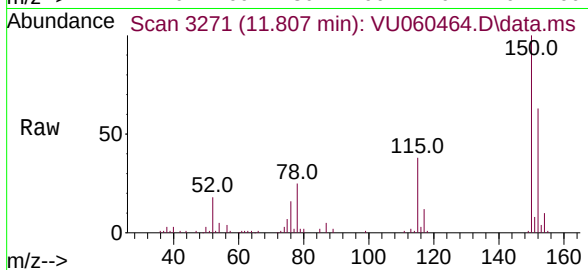
Tgt Ion: 75 Resp: 3896

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.6 27.0 40.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.414 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU060464.D

Acq: 15 Aug 2024 15:56

Tgt Ion: 75 Resp: 267

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

