

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059407.D
 Acq On : 21 Jun 2024 12:47
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 00:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

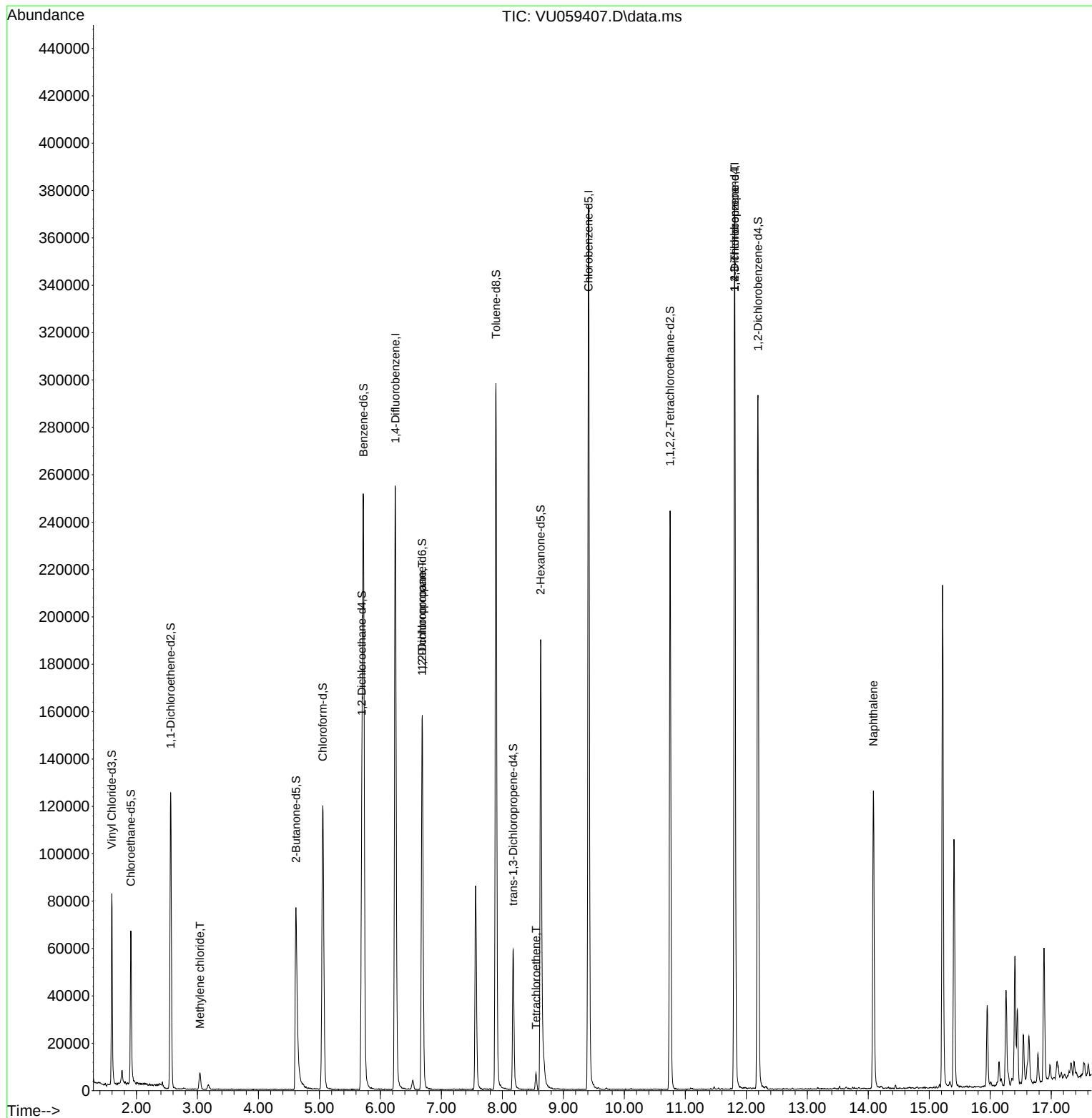
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	220717	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	221096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58920	44.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.160%
7) Chloroethane-d5	1.908	69	51279	45.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	63	73788	28.287	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.580%#
21) 2-Butanone-d5	4.615	46	109391	87.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.820%
24) Chloroform-d	5.055	84	114877	43.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
26) 1,2-Dichloroethane-d4	5.695	65	79097	49.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
32) Benzene-d6	5.721	84	243477	47.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	6.685	67	79807	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.894	98	210135	48.780	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	8.177	79	36455	51.545	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	8.627	63	67480	83.401	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	126078	42.577	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.160%
66) 1,2-Dichlorobenzene-d4	12.190	152	82684	52.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.460%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	3886	1.842	ug/L	99
37) 1,2-Dichloropropane	6.682	63	7953	3.508	ug/L #	90
46) Tetrachloroethene	8.554	164	1566	1.203	ug/L	89
60) 1,2,3-Trichloropropane	11.807	75	12056	4.087	ug/L #	69
71) Naphthalene	14.084	128	114053	19.583	ug/L	99

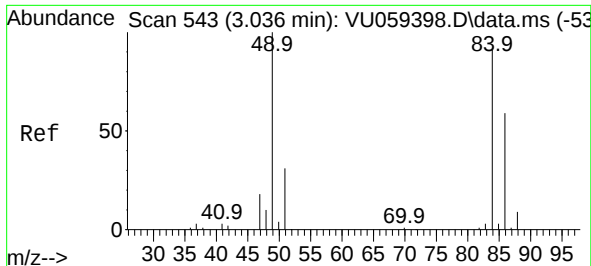
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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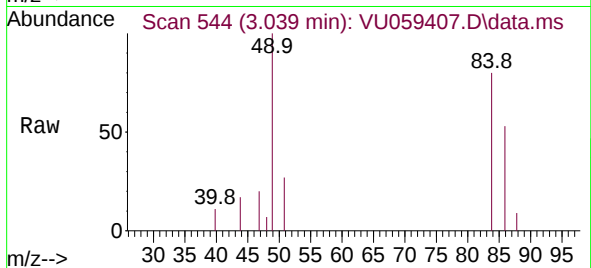
Quant Time: Jun 22 00:04:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:01:31 2024
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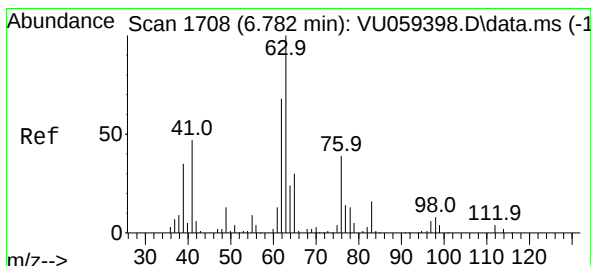
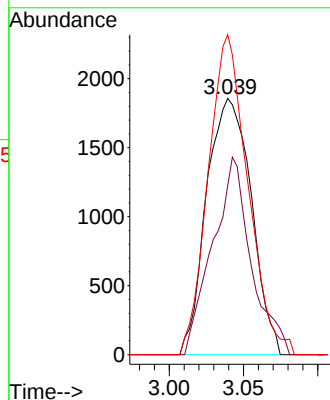
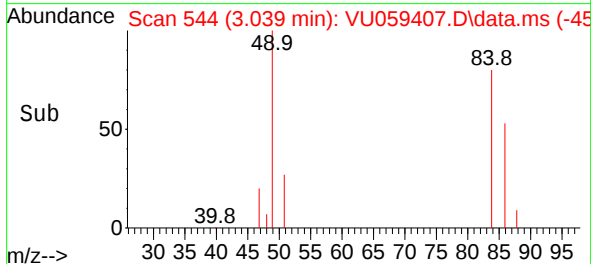


#16
Methylene chloride
Concen: 1.842 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU059407.D
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ClientSampleId :

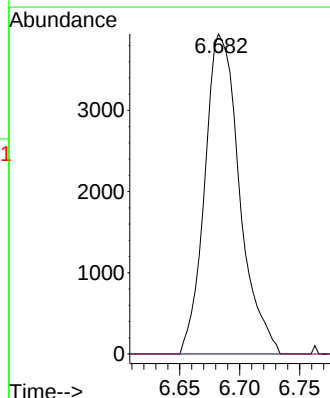
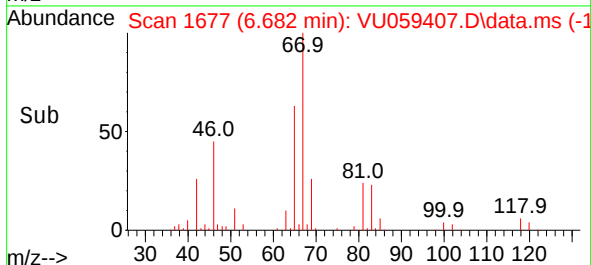
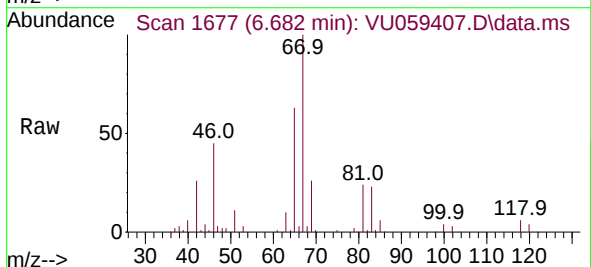


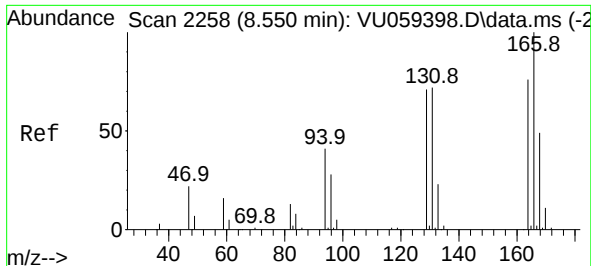
Tgt Ion: 84 Resp: 3886
Ion Ratio Lower Upper
84 100
86 66.0 44.9 83.3
49 124.9 87.5 162.5



#37
1,2-Dichloropropane
Concen: 3.508 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU059407.D
Acq: 21 Jun 2024 12:47

Tgt Ion: 63 Resp: 7953
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 1.203 ug/L

RT: 8.554 min Scan# 21

Delta R.T. 0.003 min

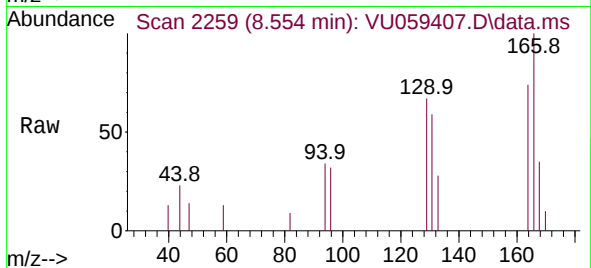
Lab File: VU059407.D

Acq: 21 Jun 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1566

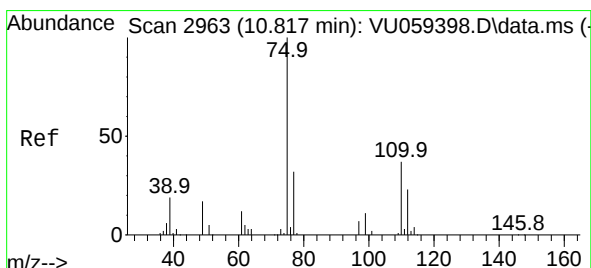
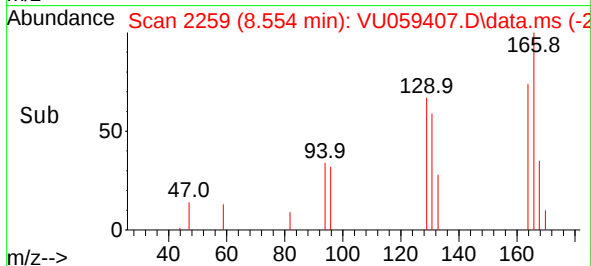
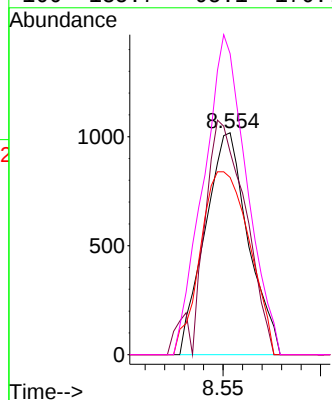
Ion Ratio Lower Upper

164 100

129 91.4 74.5 138.5

131 79.9 70.6 131.0

166 135.7 95.1 176.7



#60

1,2,3-Trichloropropane

Concen: 4.087 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059407.D

Acq: 21 Jun 2024 12:47

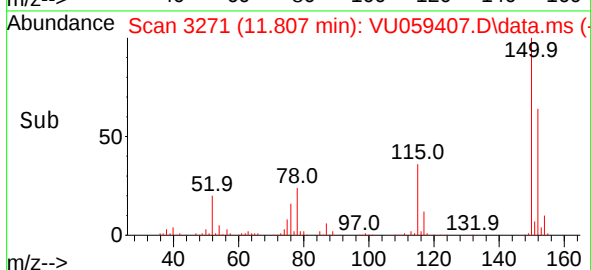
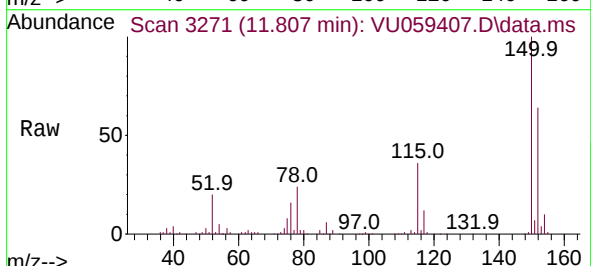
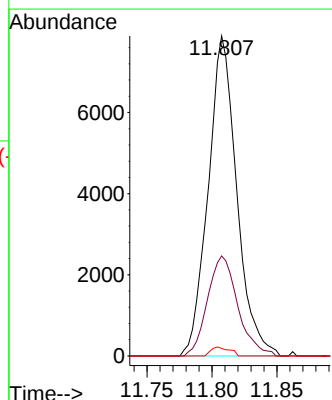
Tgt Ion: 75 Resp: 12056

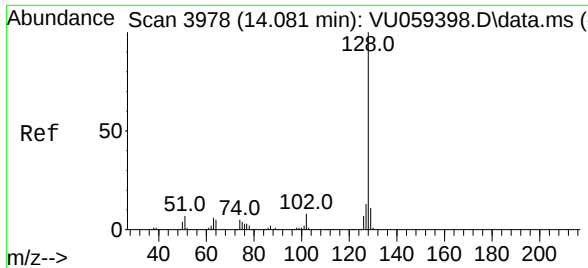
Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

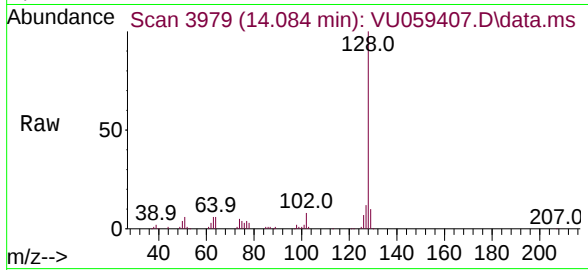
110 1.6 28.4 42.6#





#71
Naphthalene
Concen: 19.583 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU059407.D
Acq: 21 Jun 2024 12:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	114053
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.3	8.5	12.7

