

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060146.D
 Acq On : 24 Jul 2024 05:13
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

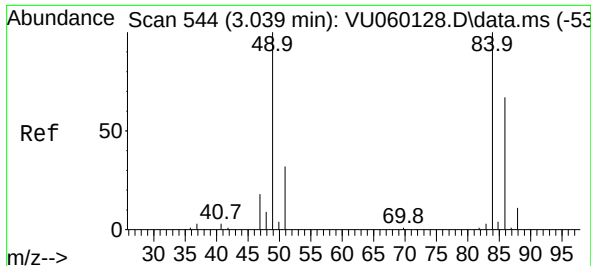
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 06:01:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

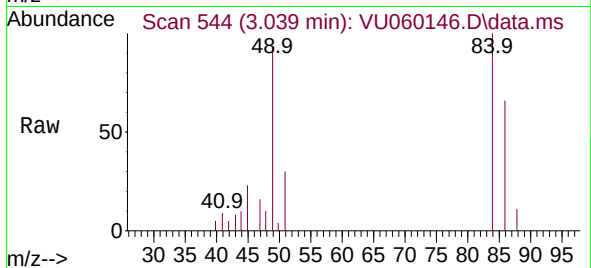
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51682	4.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	44174	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.563	65	19552	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.631	46	105945	38.929	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.860%
24) Chloroform-d	5.055	84	91326	3.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.695	65	45202	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.721	84	191767	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	59395	3.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.894	98	165872	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	18084	3.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.627	63	80997	36.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49885	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	62509	4.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	5798	0.370	ug/L	95
35) Methylcyclohexane	6.685	83	13473	0.673	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	6237	0.401	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.842	180	4279	0.207	ug/L	95
70) 1,2,4-trichlorobenzene	13.842	180	4279	0.273	ug/L	91
71) Naphthalene	14.090	128	12080	0.543	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.331	180	4869	0.345	ug/L	97

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

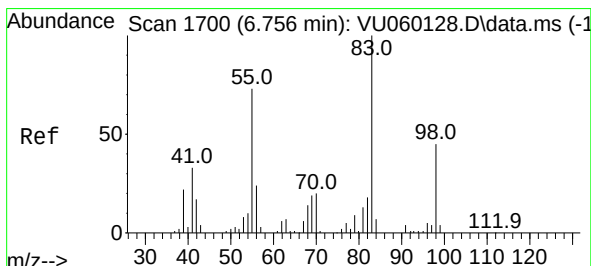
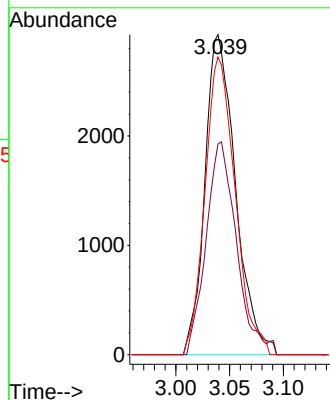
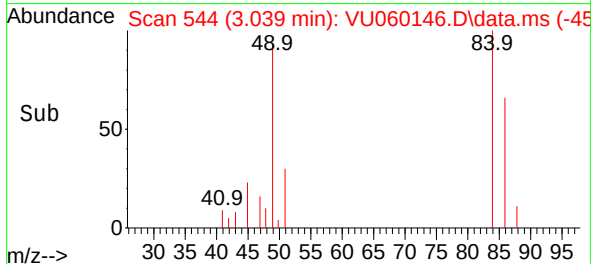


#16
Methylene chloride
Concen: 0.370 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060146.D
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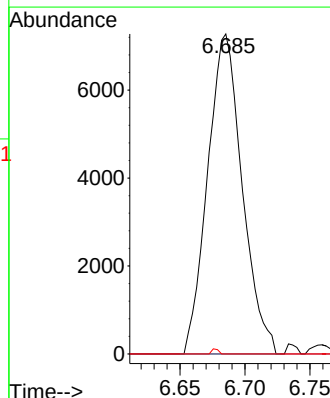
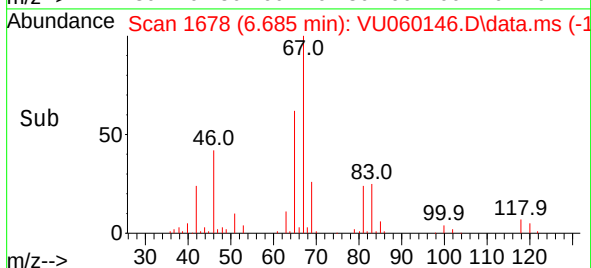
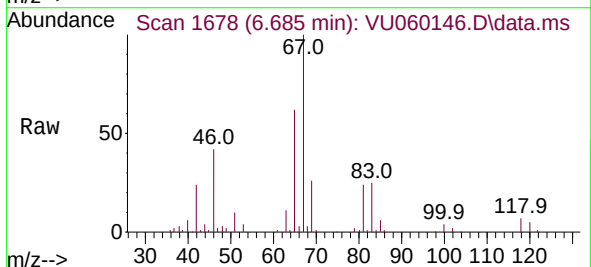


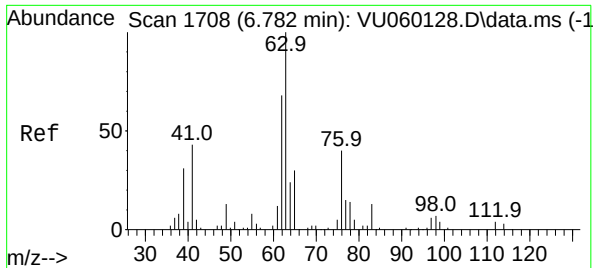
Tgt Ion: 84 Resp: 5798
Ion Ratio Lower Upper
84 100
86 65.8 44.4 82.5
49 96.5 72.0 133.6



#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060146.D
Acq: 24 Jul 2024 05:13

Tgt Ion: 83 Resp: 13473
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.3 36.6 55.0#

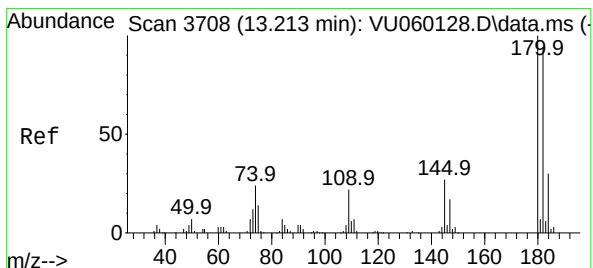
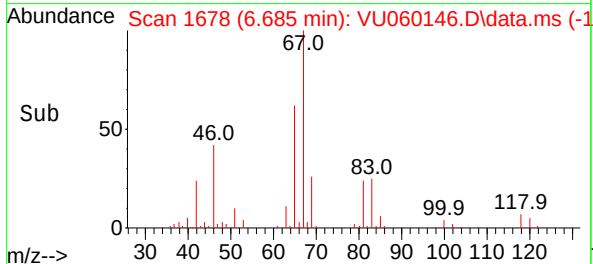
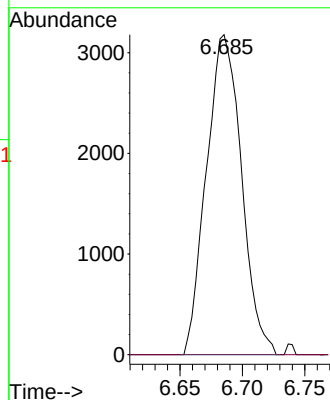
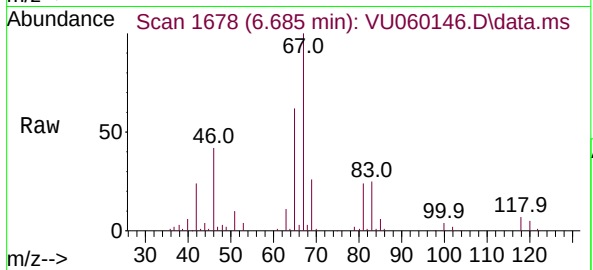




#37
1,2-Dichloropropane
Concen: 0.401 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060146.D
Acq: 24 Jul 2024 05:13

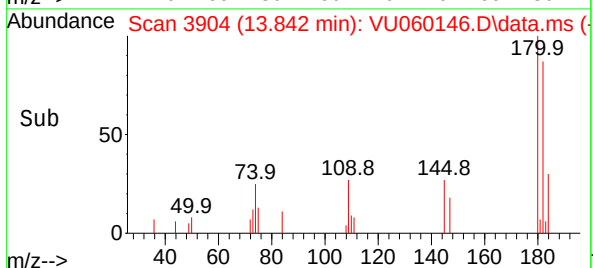
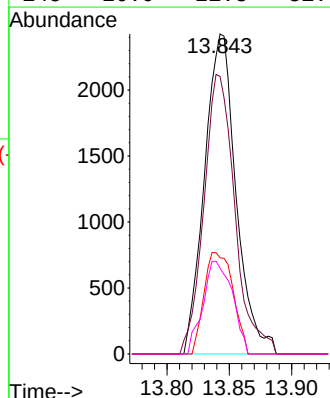
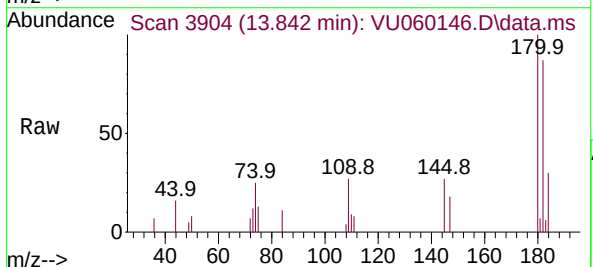
Instrument :
MSVOA_U
ClientSampleId :

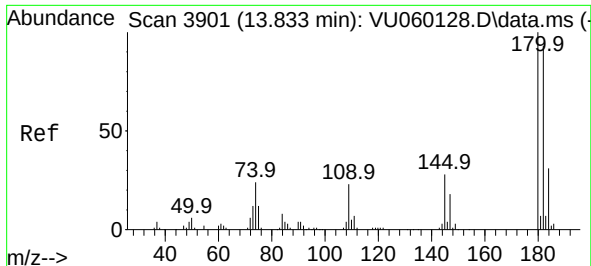
Tgt Ion: 63 Resp: 6237
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#69
1,3,5-Trichlorobenzene
Concen: 0.207 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.630 min
Lab File: VU060146.D
Acq: 24 Jul 2024 05:13

Tgt Ion:180 Resp: 4279
Ion Ratio Lower Upper
180 100
182 85.7 74.6 111.8
184 29.0 23.1 34.7
145 26.9 21.3 31.9





#70

1,2,4-trichlorobenzene

Concen: 0.273 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.009 min

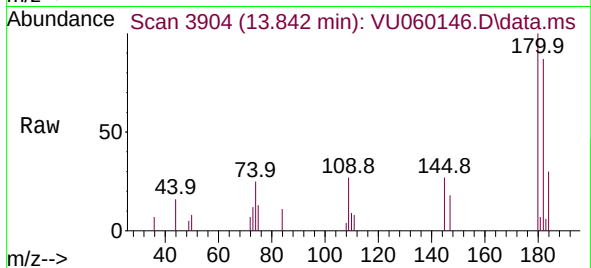
Lab File: VU060146.D

Acq: 24 Jul 2024 05:13

Instrument :

MSVOA_U

ClientSampleId :



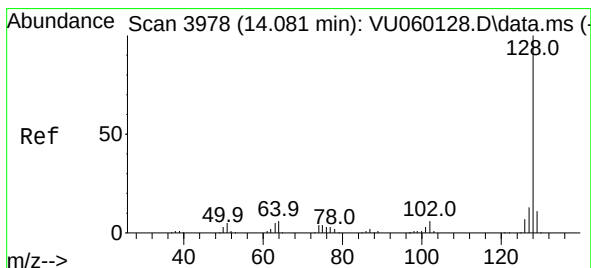
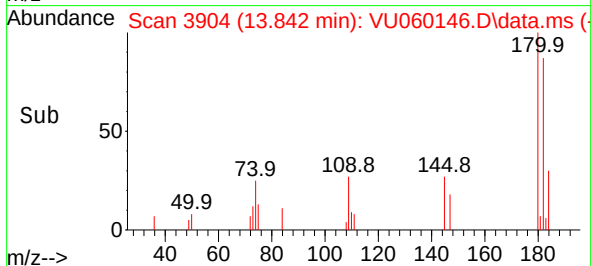
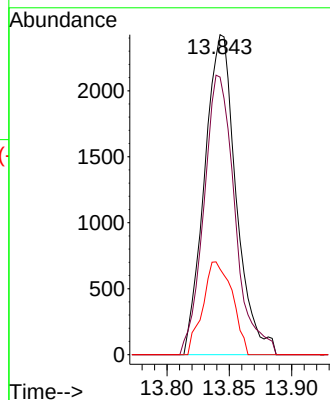
Tgt Ion:180 Resp: 4279

Ion Ratio Lower Upper

180 100

182 85.7 77.2 115.8

145 26.9 23.0 34.4



#71

Naphthalene

Concen: 0.543 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.009 min

Lab File: VU060146.D

Acq: 24 Jul 2024 05:13

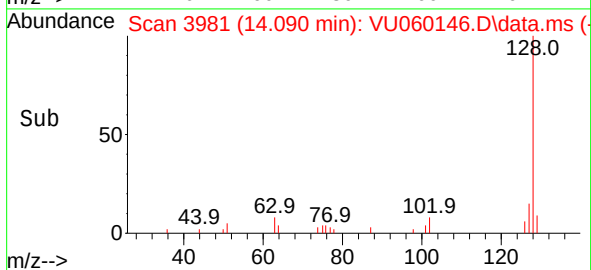
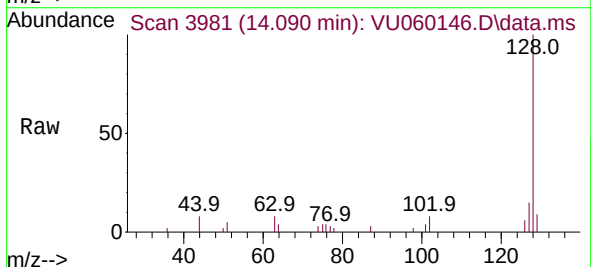
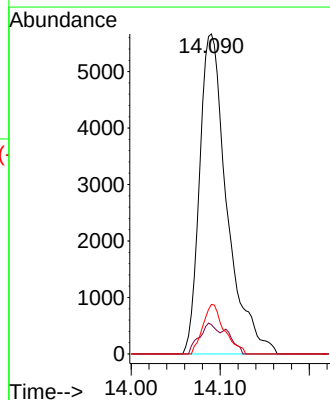
Tgt Ion:128 Resp: 12080

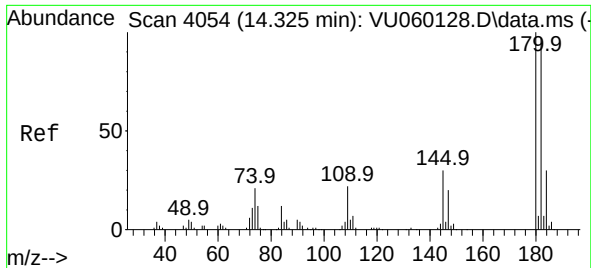
Ion Ratio Lower Upper

128 100

129 6.6 8.2 12.4#

127 12.1 10.6 16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.345 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU060146.D
 Acq: 24 Jul 2024 05:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 4869
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.3 114.5
 145 27.1 23.9 35.9

