

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058027.D
 Acq On : 08 Mar 2024 19:06
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:16:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

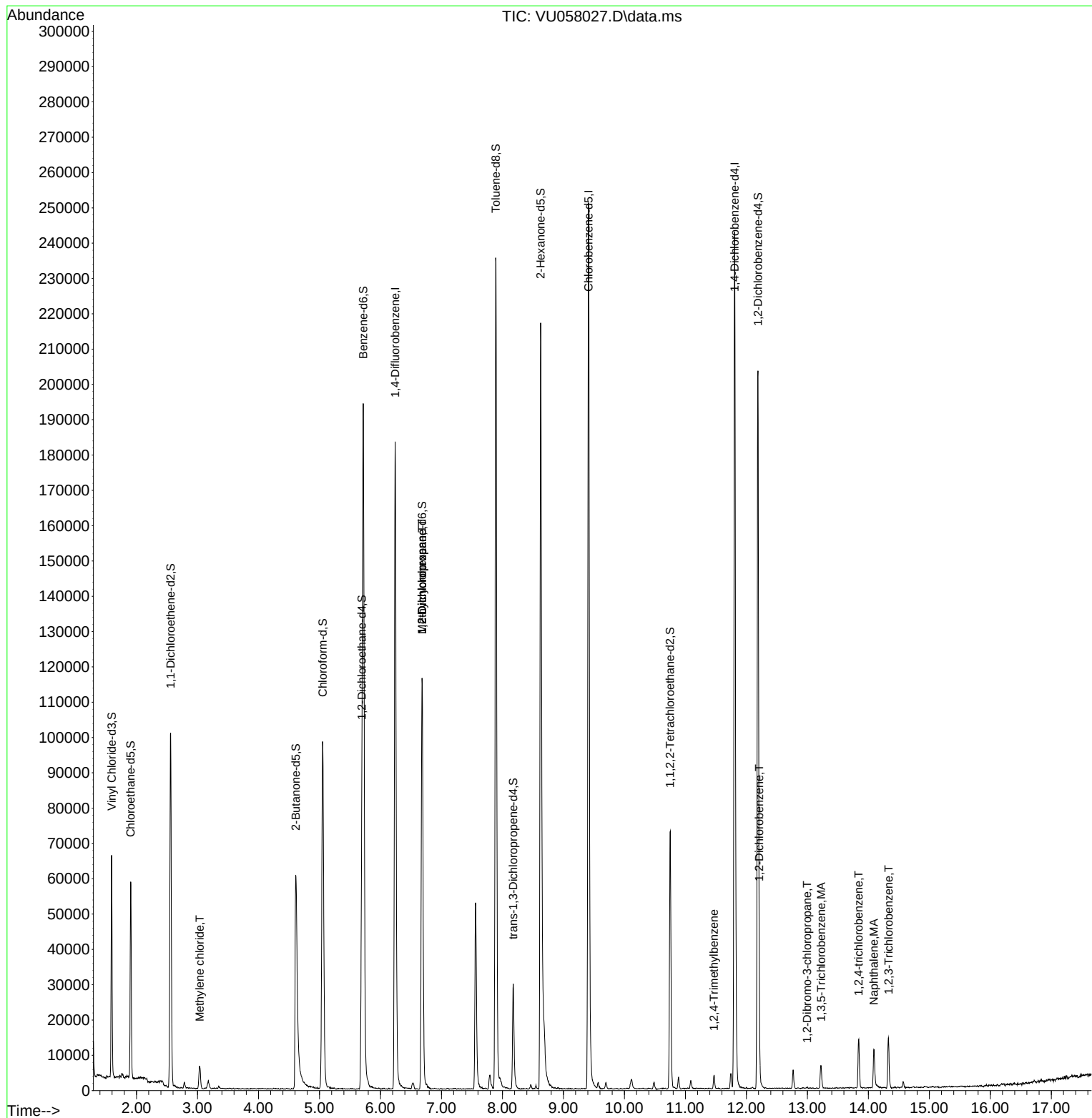
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42952	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.904	69	38595	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	19748	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.611	46	94173	54.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	5.052	84	93121	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	44893	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.717	84	183927	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	58493	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	159739	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	17985	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	79588	55.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37510	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	51706	4.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	3012	0.281	ug/L	99
35) Methylcyclohexane	6.682	83	12712	0.732	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6133	0.552	ug/L #	89
63) 1,2,4-Trimethylbenzene	11.470	105	2624	0.074	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	2530	0.150	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.997	75	99	0.096	ug/L #	55
69) 1,3,5-Trichlorobenzene	13.225	180	2655	0.192	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	4737	0.455	ug/L	94
71) Naphthalene	14.090	128	11144	0.784	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.331	180	4663	0.567	ug/L	98

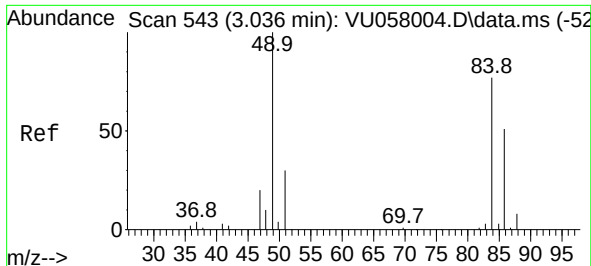
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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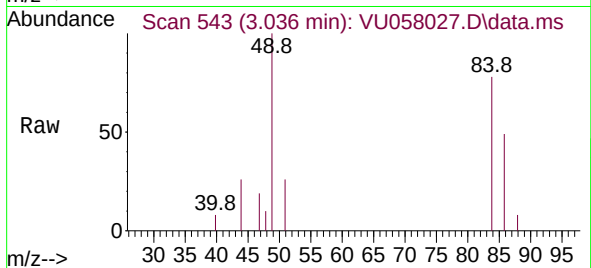
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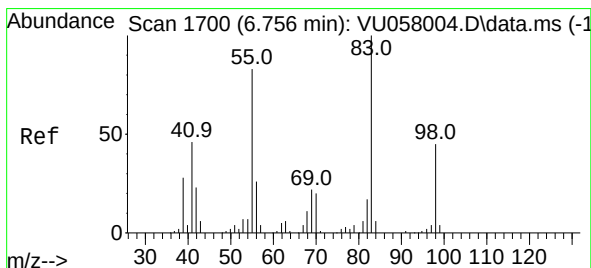
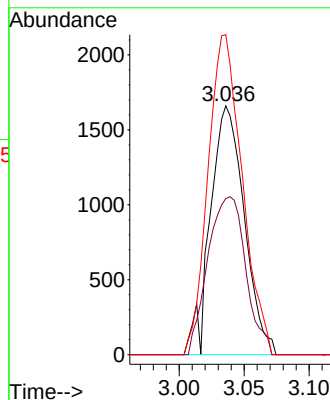
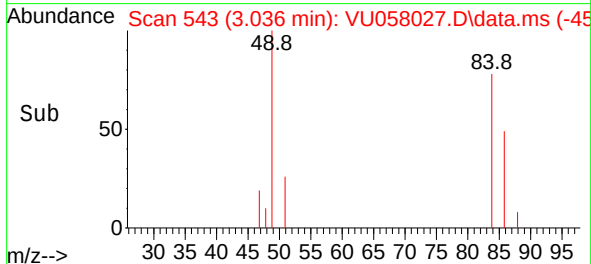


#16
Methylene chloride
Concen: 0.281 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06

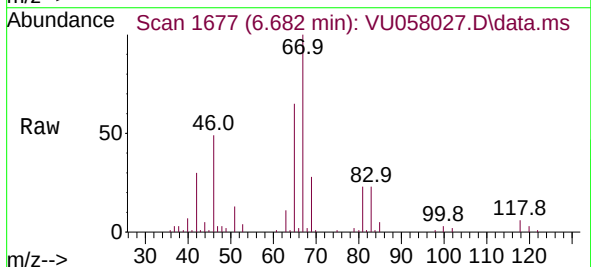
Instrument :
MSVOA_U
ClientSampleId :



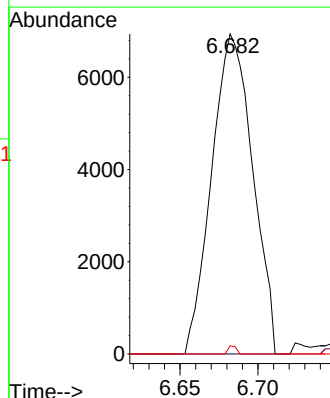
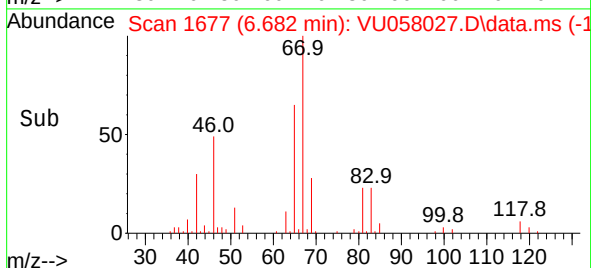
Tgt Ion: 84 Resp: 3012
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.4
49 128.6 88.8 165.0

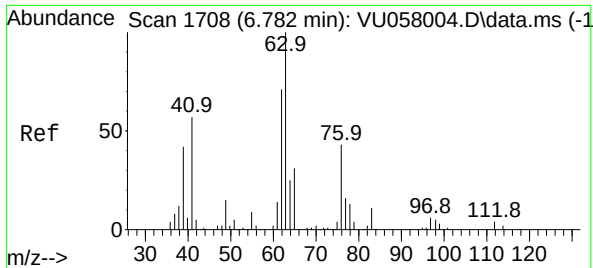


#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06



Tgt Ion: 83 Resp: 12712
Ion Ratio Lower Upper
83 100
55 0.3 63.0 94.6#
98 0.5 36.2 54.4#

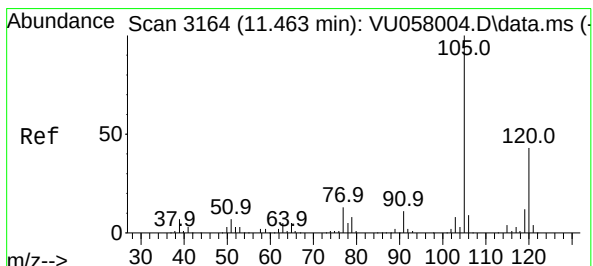
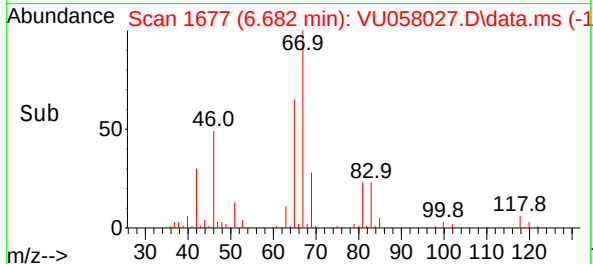
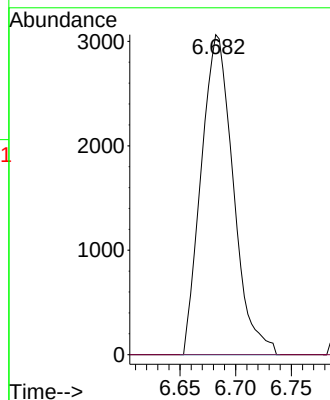
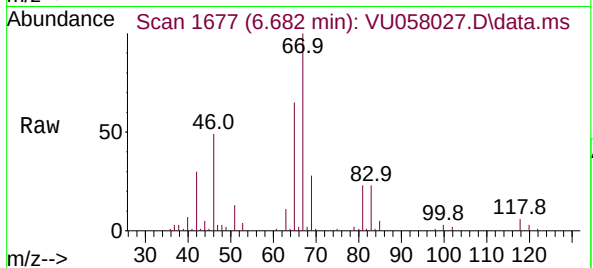




#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06

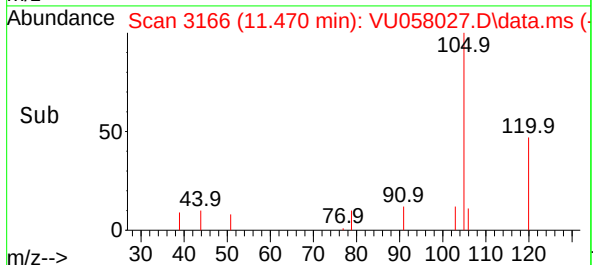
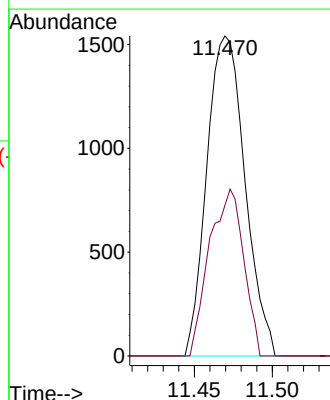
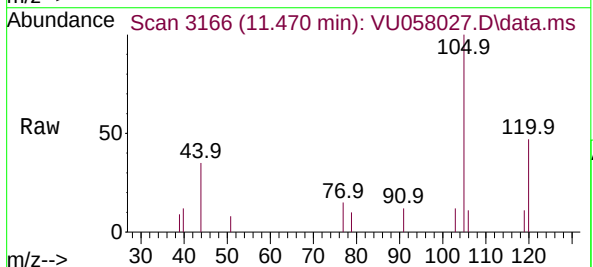
Instrument :
MSVOA_U
ClientSampleId :

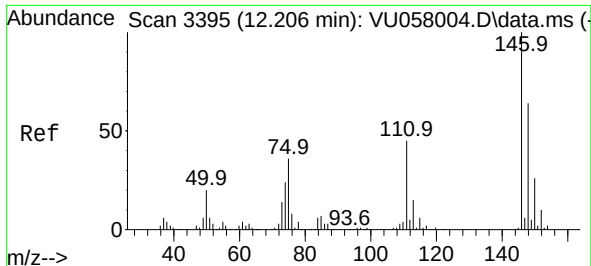
Tgt Ion: 63 Resp: 6133
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU058027.D
Acq: 08 Mar 2024 19:06

Tgt Ion:105 Resp: 2624
Ion Ratio Lower Upper
105 100
120 46.7 34.8 52.2





#67

1,2-Dichlorobenzene

Concen: 0.150 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

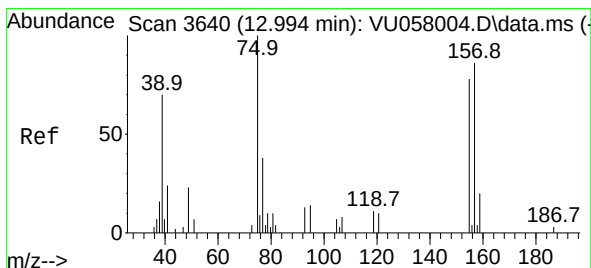
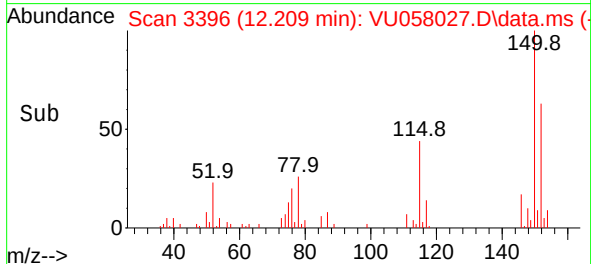
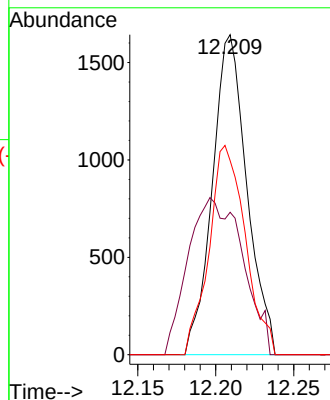
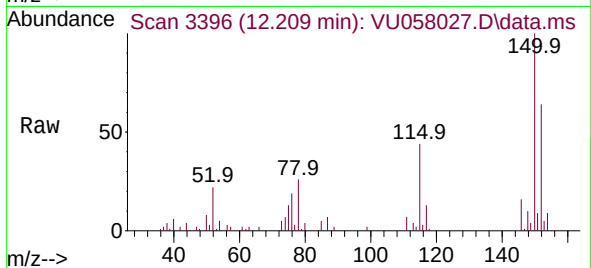
Tgt Ion:146 Resp: 2530

Ion Ratio Lower Upper

146 100

111 44.5 37.4 56.0

148 85.5 50.8 76.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.096 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

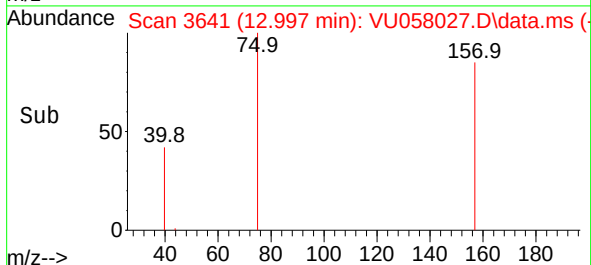
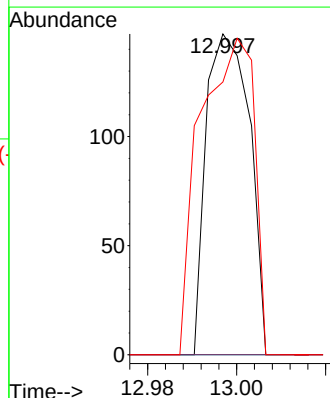
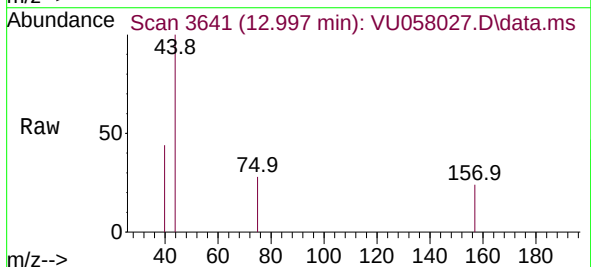
Tgt Ion: 75 Resp: 99

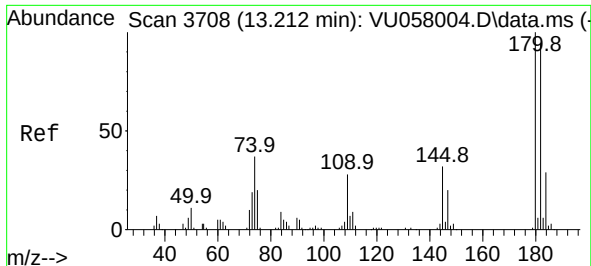
Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 85.0 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 0.192 ug/L

RT: 13.225 min Scan# 3712

Delta R.T. 0.013 min

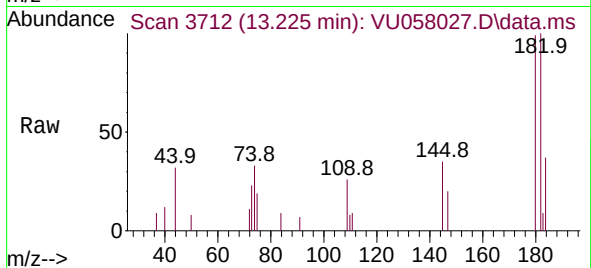
Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2655

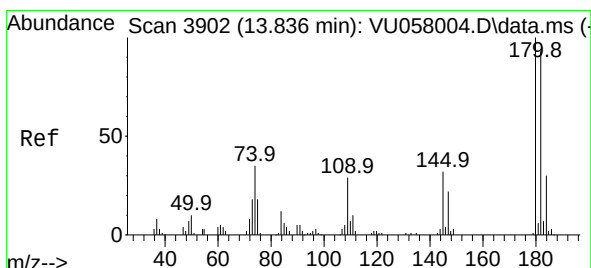
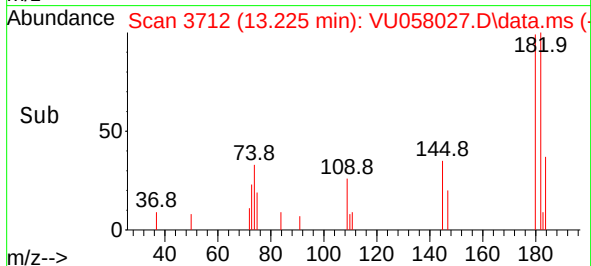
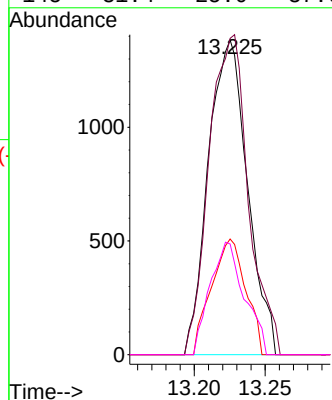
Ion Ratio Lower Upper

180 100

182 102.2 76.3 114.5

184 32.3 24.6 36.8

145 31.4 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 0.455 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

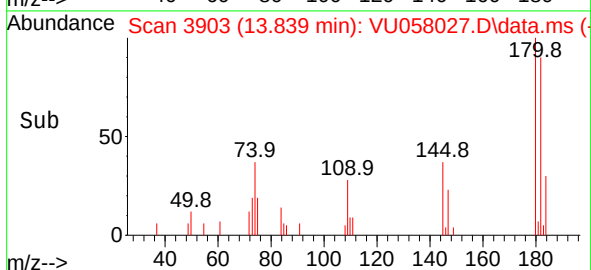
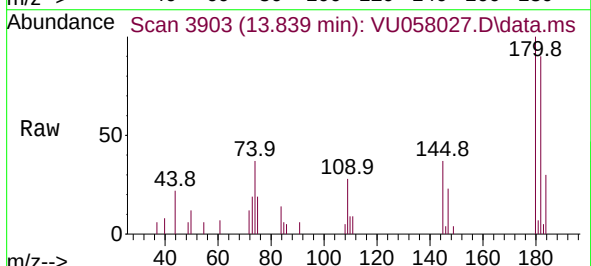
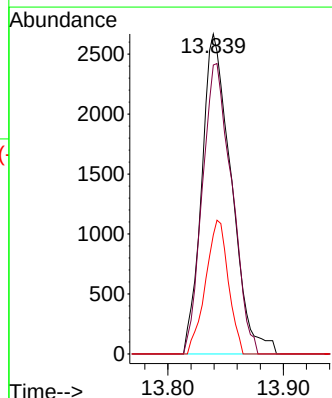
Tgt Ion:180 Resp: 4737

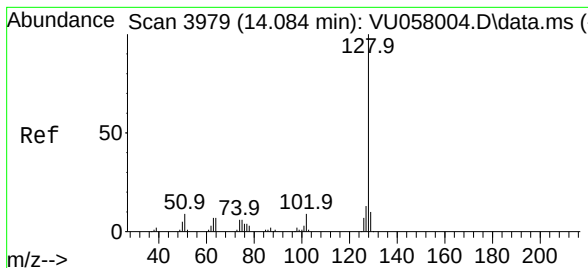
Ion Ratio Lower Upper

180 100

182 90.3 77.9 116.9

145 32.1 25.8 38.8





#71

Naphthalene

Concen: 0.784 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

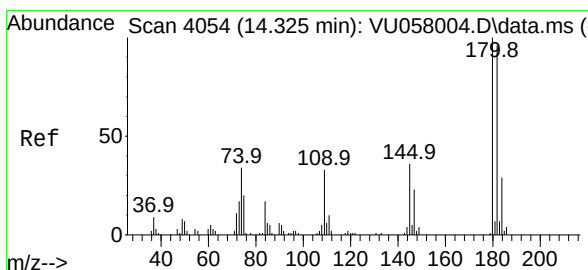
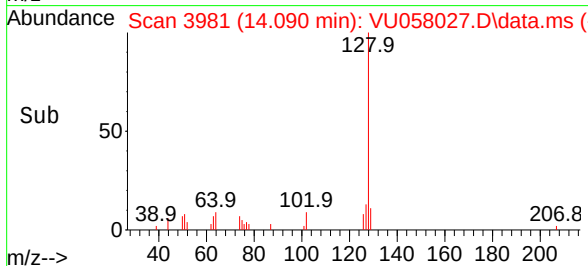
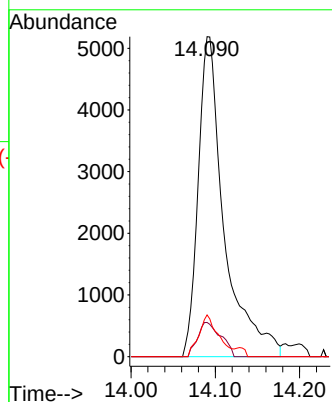
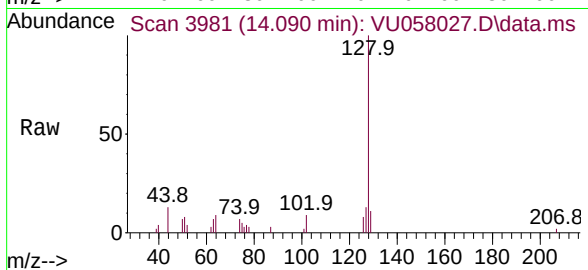
Tgt Ion:128 Resp: 11144

Ion Ratio Lower Upper

128 100

129 9.5 9.0 13.6

127 9.9 10.6 16.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.567 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU058027.D

Acq: 08 Mar 2024 19:06

Tgt Ion:180 Resp: 4663

Ion Ratio Lower Upper

180 100

182 95.2 77.6 116.4

145 37.0 28.7 43.1

