

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058667.D
 Acq On : 12 Apr 2024 20:32
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

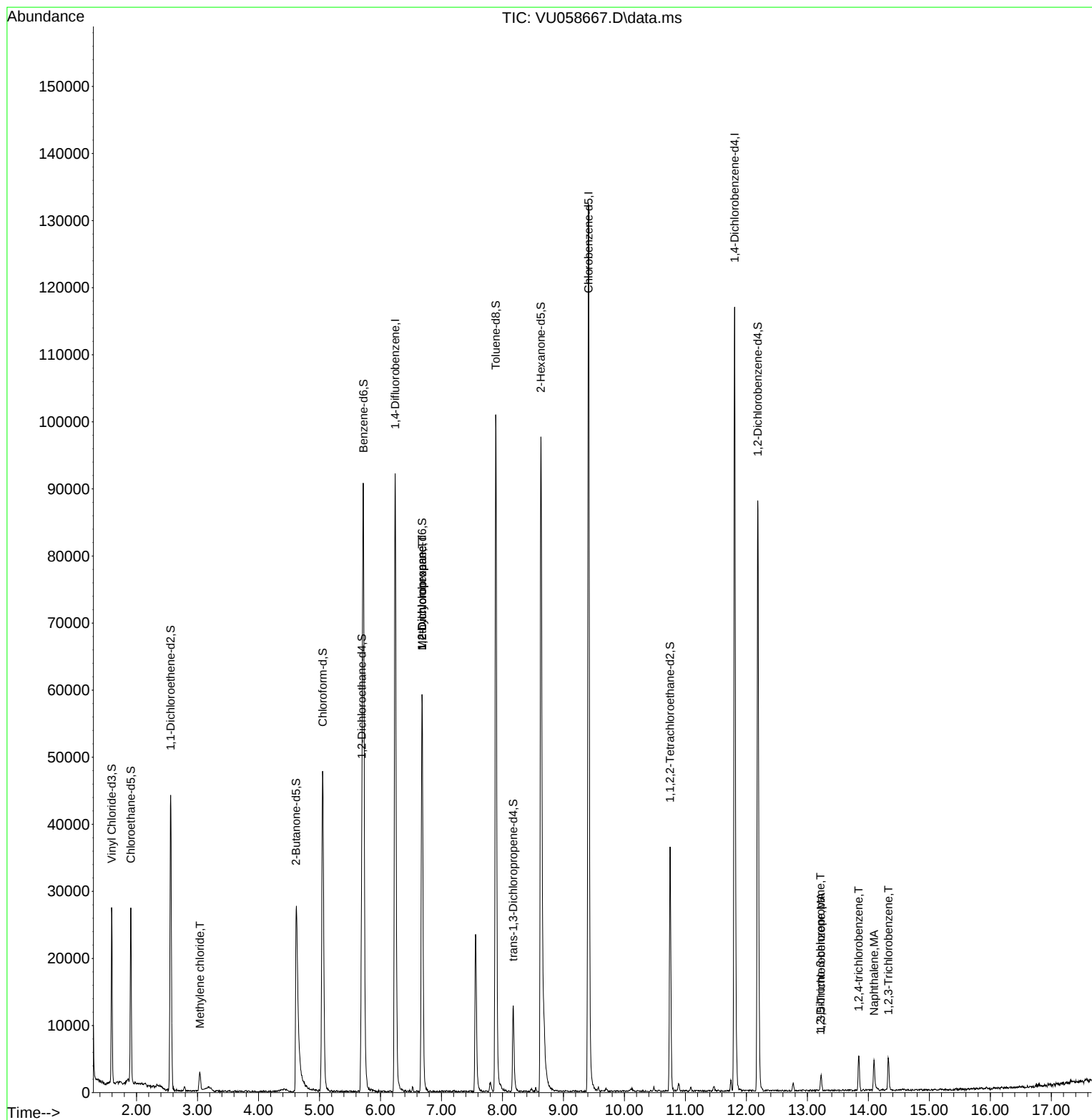
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71989	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17641	3.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	17649	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	9089	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.618	46	52699	52.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	5.052	84	44690	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.695	65	22006	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	82365	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	28309	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	67192	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	8195	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.631	63	35451	47.165	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18647	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	22206	4.463	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
16) Methylene chloride	3.039	84	1268	0.187	ug/L	92
35) Methylcyclohexane	6.682	83	6014	0.628	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3213	0.484	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	13.216	75	184	0.360	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.222	180	1019	0.131	ug/L	89
70) 1,2,4-trichlorobenzene	13.843	180	1985	0.331	ug/L	97
71) Naphthalene	14.093	128	4860	0.592	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.328	180	2068	0.418	ug/L	97

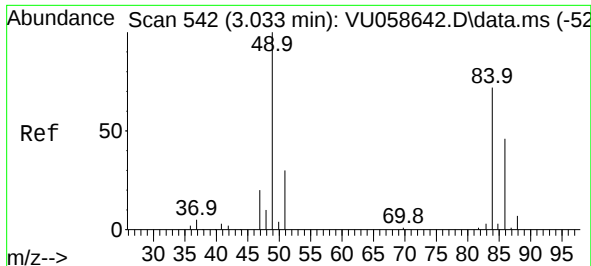
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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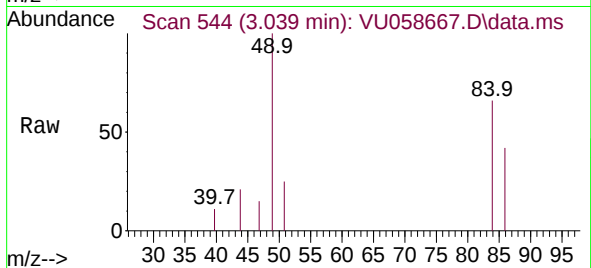
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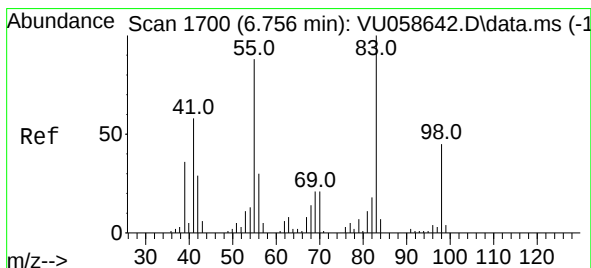
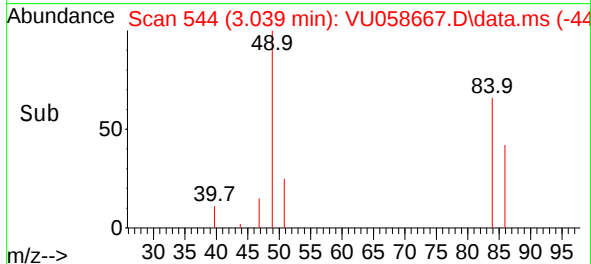
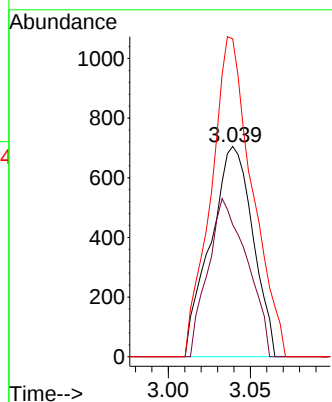


#16
Methylene chloride
Concen: 0.187 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

Instrument :
MSVOA_U
ClientSampleId :

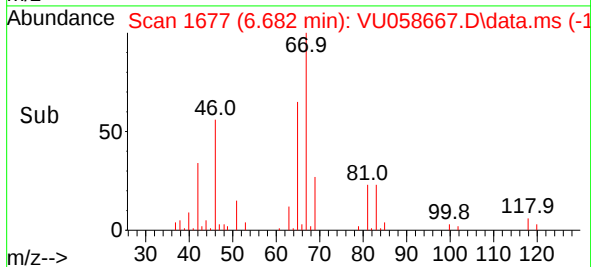
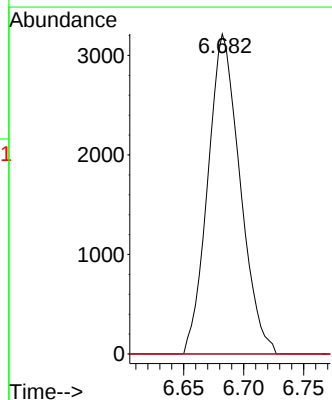
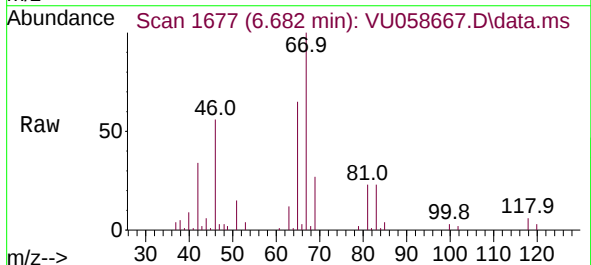


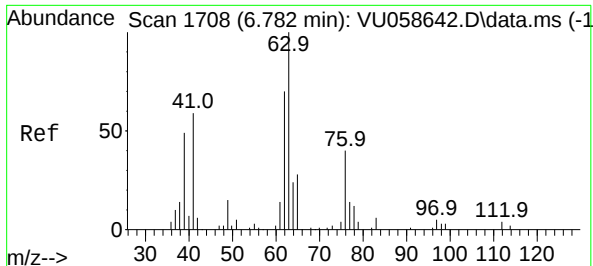
Tgt Ion: 84 Resp: 1268
Ion Ratio Lower Upper
84 100
86 62.8 44.3 82.3
49 151.2 96.0 178.2



#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

Tgt Ion: 83 Resp: 6014
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

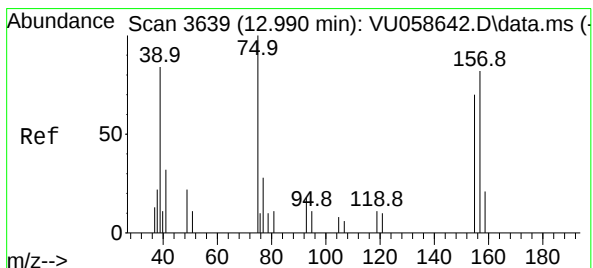
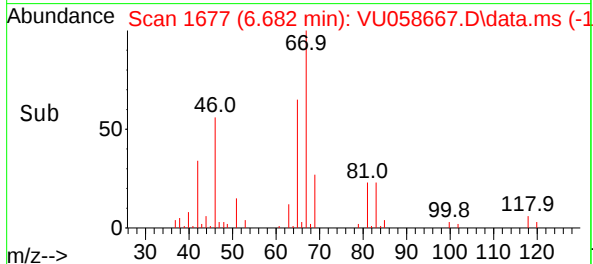
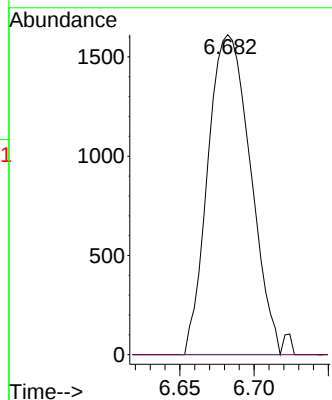
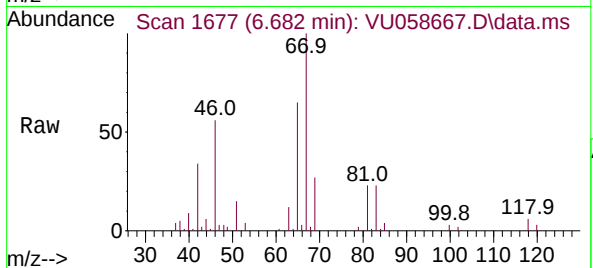




#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

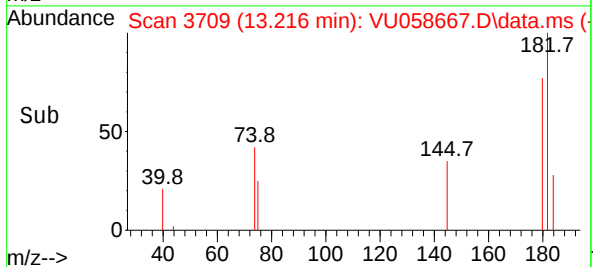
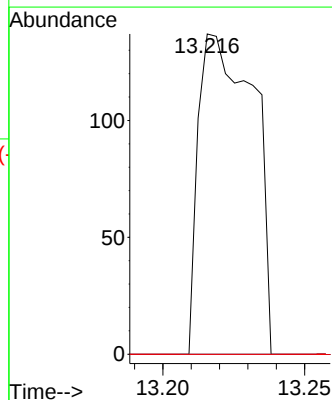
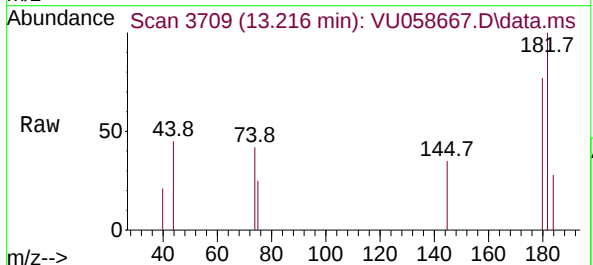
Instrument :
MSVOA_U
ClientSampleId :

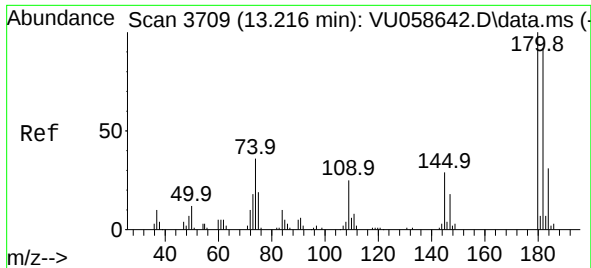
Tgt Ion: 63 Resp: 3213
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.360 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.225 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

Tgt Ion: 75 Resp: 184
Ion Ratio Lower Upper
75 100
155 0.0 61.4 92.0#
157 0.0 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.131 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.007 min

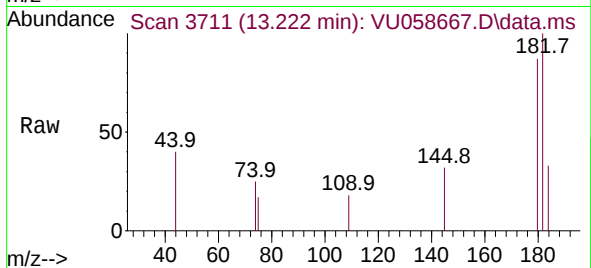
Lab File: VU058667.D

Acq: 12 Apr 2024 20:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1019

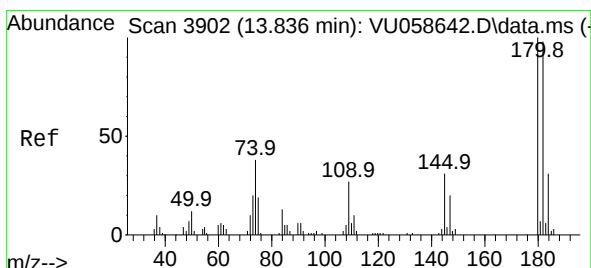
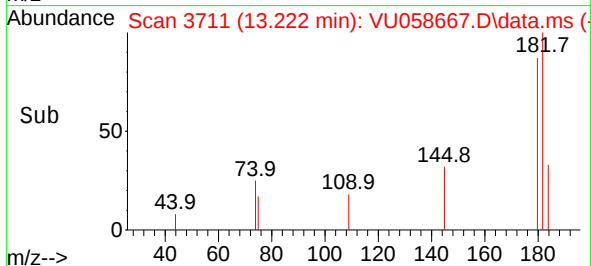
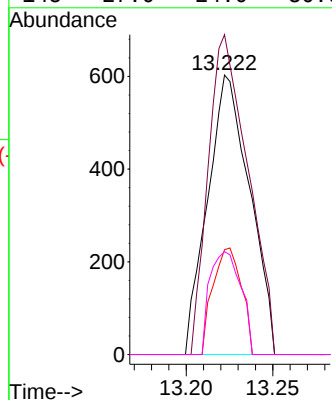
Ion Ratio Lower Upper

180 100

182 108.1 75.7 113.5

184 25.8 24.3 36.5

145 27.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.331 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU058667.D

Acq: 12 Apr 2024 20:32

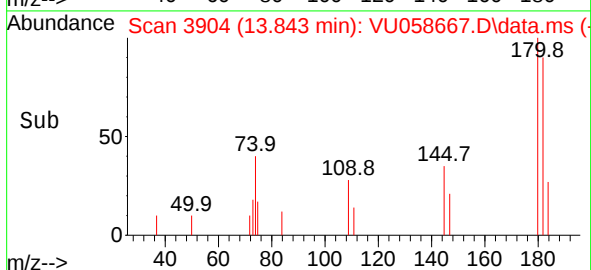
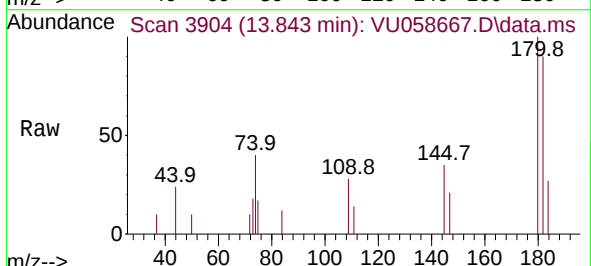
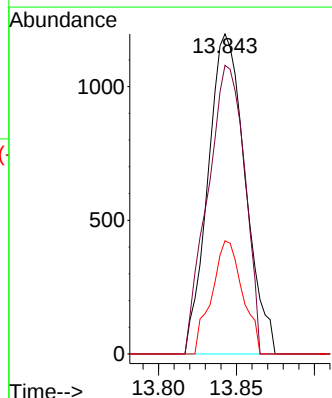
Tgt Ion:180 Resp: 1985

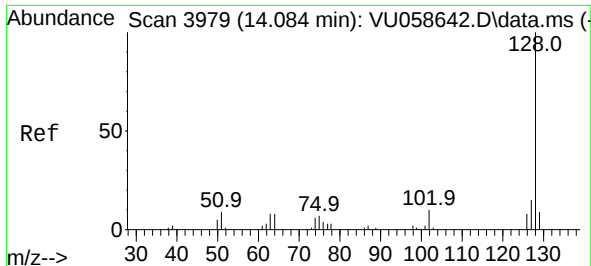
Ion Ratio Lower Upper

180 100

182 90.0 74.4 111.6

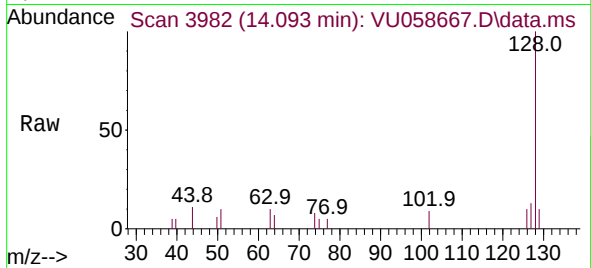
145 29.3 24.1 36.1



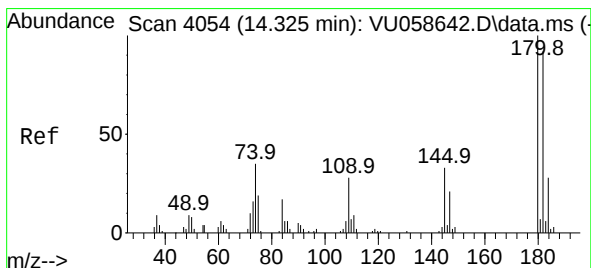
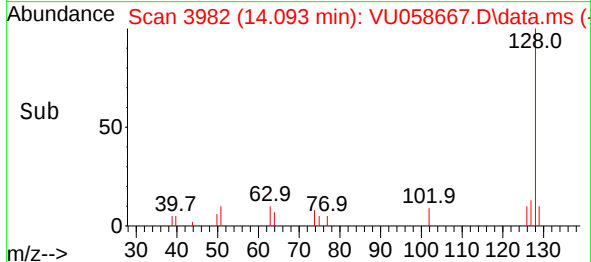
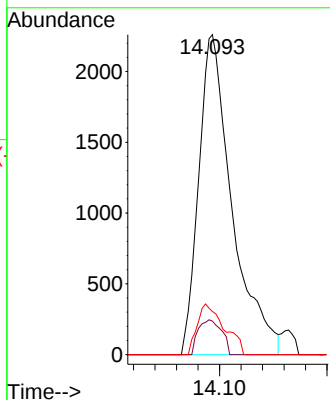


#71
Naphthalene
Concen: 0.592 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4860
Ion Ratio Lower Upper
128 100
129 7.6 8.6 13.0#
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 0.418 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU058667.D
Acq: 12 Apr 2024 20:32

Tgt Ion:180 Resp: 2068
Ion Ratio Lower Upper
180 100
182 92.9 75.9 113.9
145 28.7 25.2 37.8

