

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032024\
 Data File : VU058176.D
 Acq On : 20 Mar 2024 16:34
 Operator : MD/SY
 Sample : P1779-08DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 21 01:50:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 21 01:49:11 2024
 Response via : Initial Calibration

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

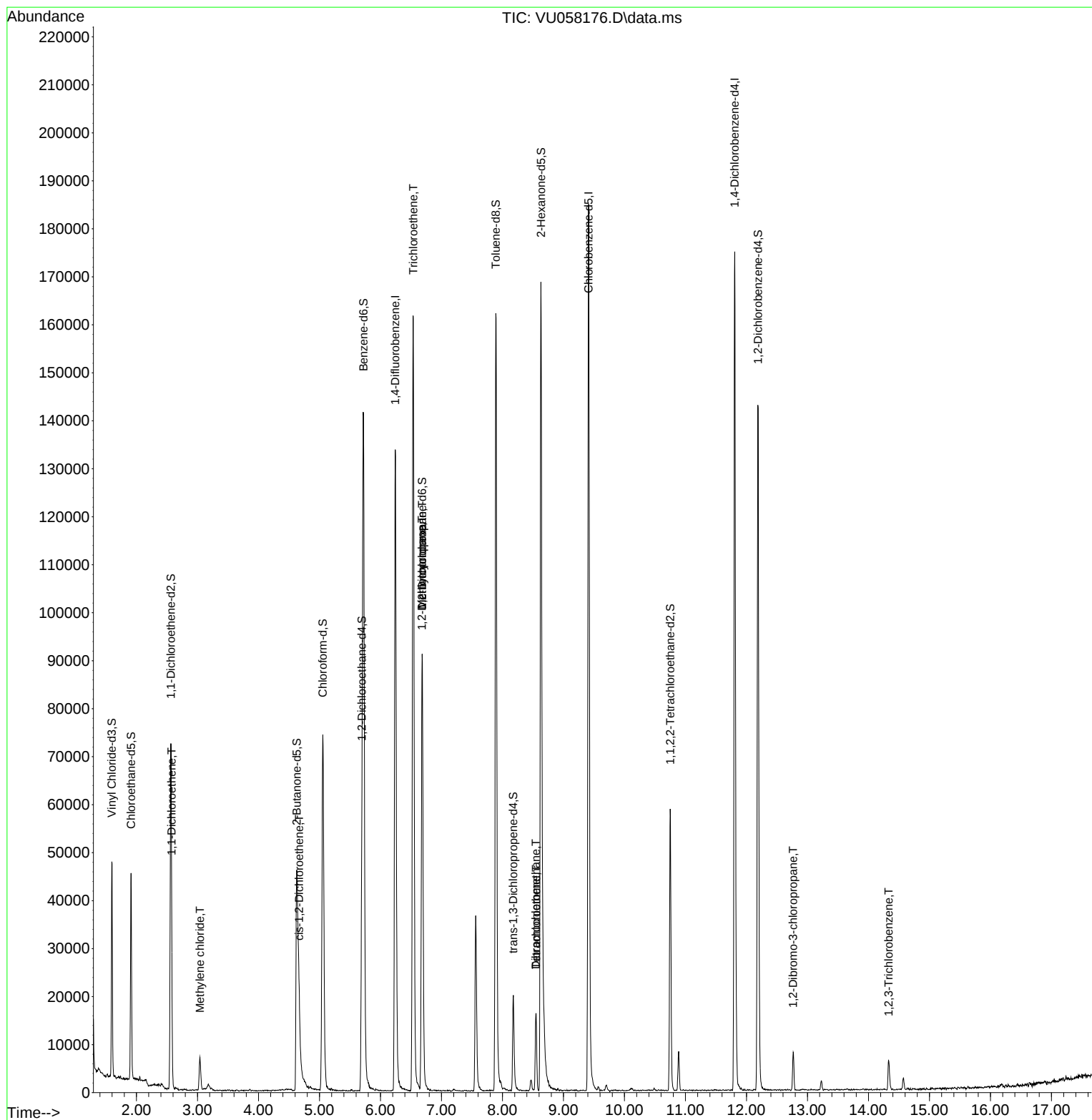
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	108544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	104571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30360	3.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.911	69	29816	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	13693	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.628	46	79121	61.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.980%
24) Chloroform-d	5.052	84	69751	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	35334	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	132406	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	43393	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	110800	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	12509	3.927	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.631	63	61747	57.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	30529	5.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	37277	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	1258	0.192	ug/L #	1
16) Methylene chloride	3.039	84	3166	0.398	ug/L	91
22) cis-1,2-Dichloroethene	4.666	96	5493	0.700	ug/L	94
34) Trichloroethene	6.538	95	58112	6.883	ug/L	96
35) Methylcyclohexane	6.682	83	10005	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	4866	0.588	ug/L #	89
47) Tetrachloroethene	8.550	164	3636	0.621	ug/L	92
49) Dibromochloromethane	8.547	129	3392	0.584	ug/L #	10
68) 1,2-Dibromo-3-chloropr...	12.766	75	248	0.327	ug/L #	7
72) 1,2,3-Trichlorobenzene	14.331	180	2684	0.445	ug/L	96

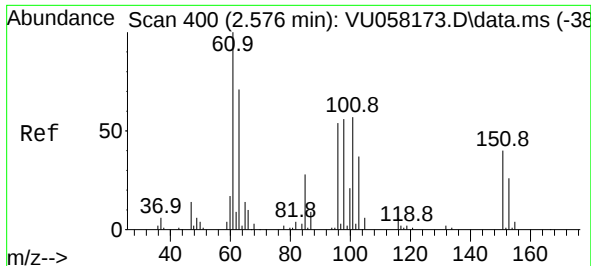
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.192 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU058176.D

Acq: 20 Mar 2024 16:34

Instrument :

MSVOA_U

ClientSampleId :

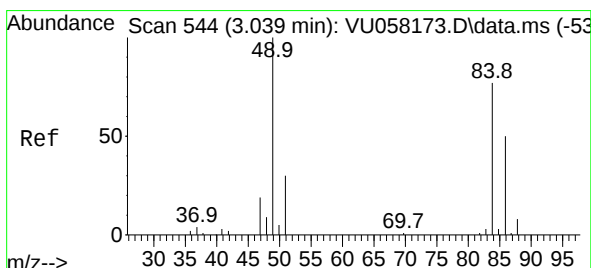
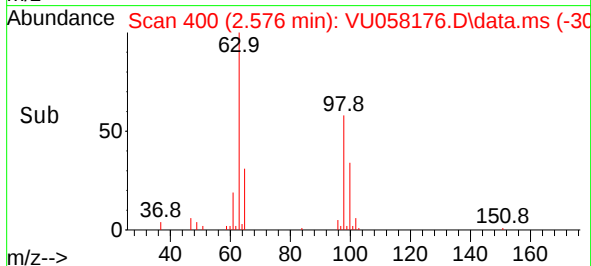
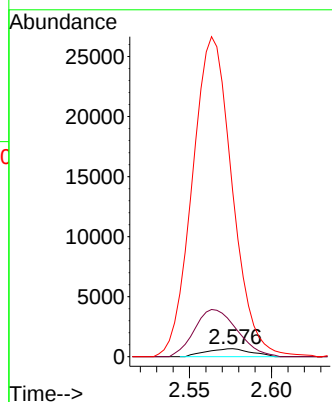
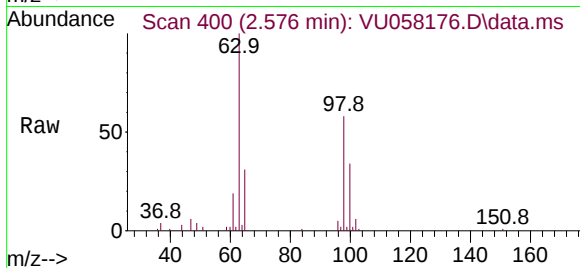
Tgt Ion: 96 Resp: 1258

Ion Ratio Lower Upper

96 100

61 399.9 131.8 244.8#

63 2056.5 98.1 182.1#



#16

Methylene chloride

Concen: 0.398 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058176.D

Acq: 20 Mar 2024 16:34

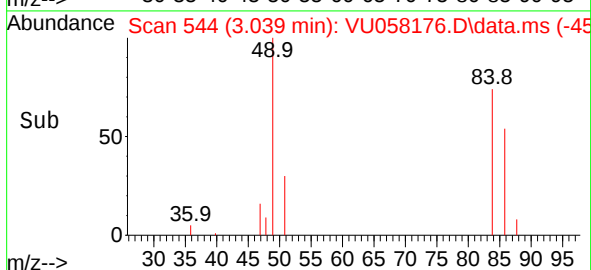
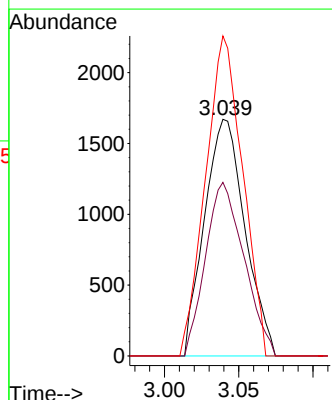
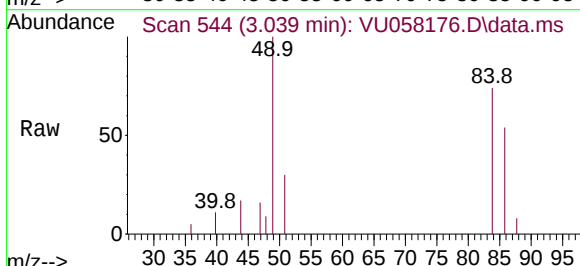
Tgt Ion: 84 Resp: 3166

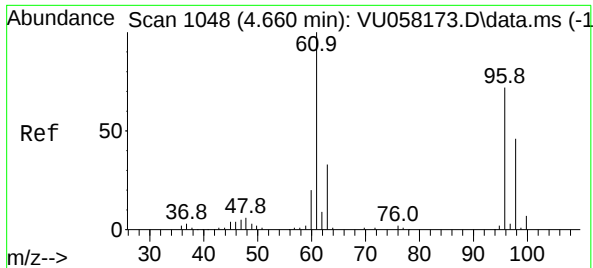
Ion Ratio Lower Upper

84 100

86 73.4 44.4 82.4

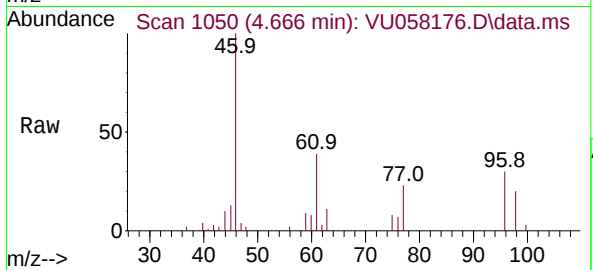
49 135.3 88.8 165.0



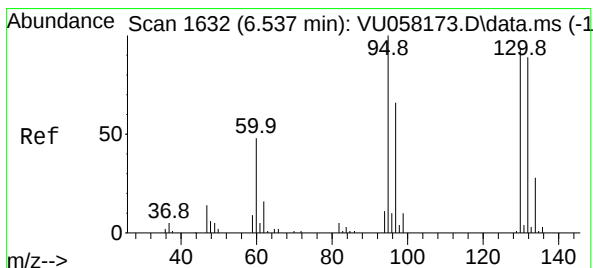
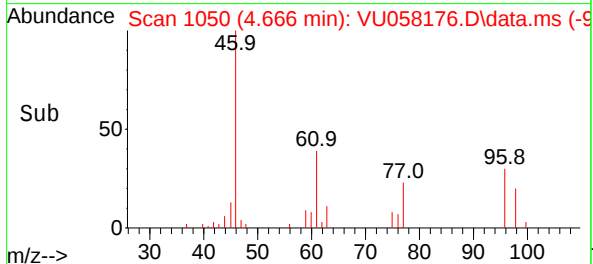
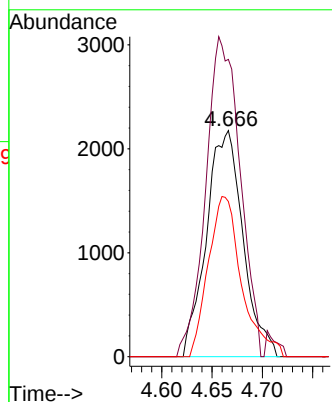


#22
 cis-1,2-Dichloroethene
 Concen: 0.700 ug/L
 RT: 4.666 min Scan# 1048
 Delta R.T. 0.007 min
 Lab File: VU058176.D
 Acq: 20 Mar 2024 16:34

Instrument :
 MSVOA_U
 ClientSampleId :

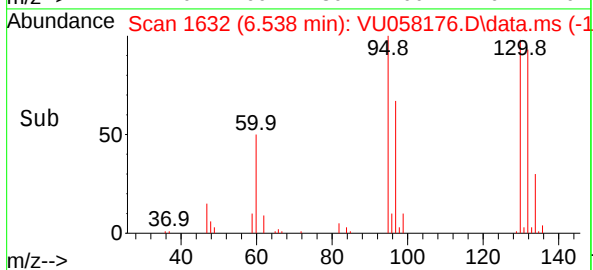
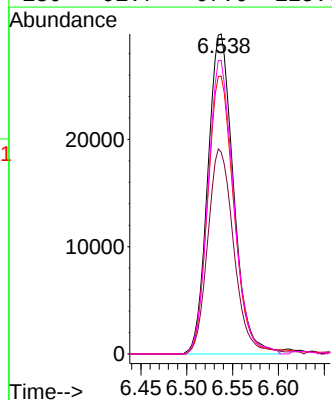
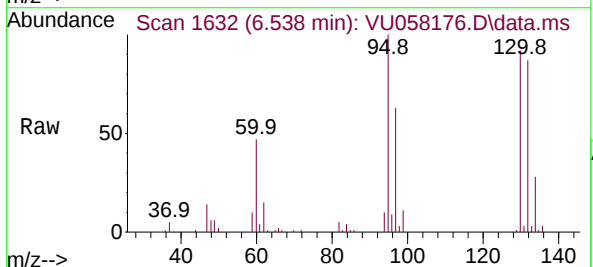


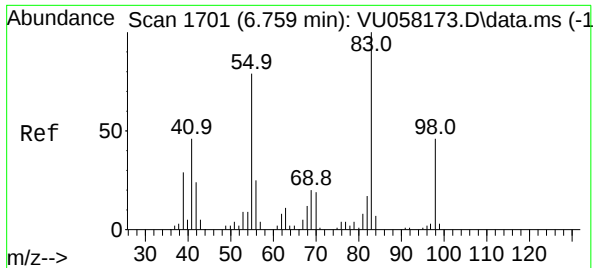
Tgt Ion: 96 Resp: 5493
 Ion Ratio Lower Upper
 96 100
 61 131.4 97.2 180.4
 98 68.7 45.5 84.5



#34
 Trichloroethene
 Concen: 6.883 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU058176.D
 Acq: 20 Mar 2024 16:34

Tgt Ion: 95 Resp: 58112
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.3 84.1
 132 86.8 63.1 117.1
 130 91.7 67.6 125.6

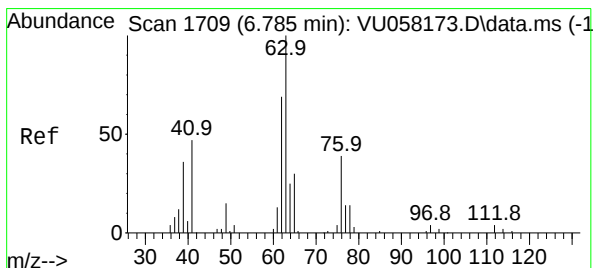
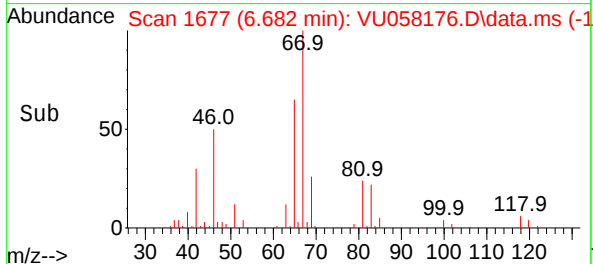
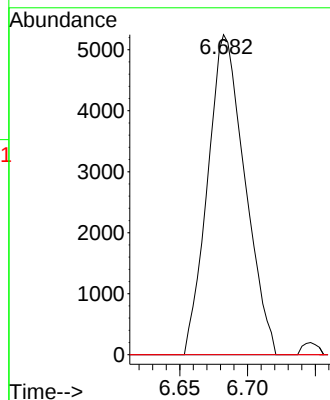
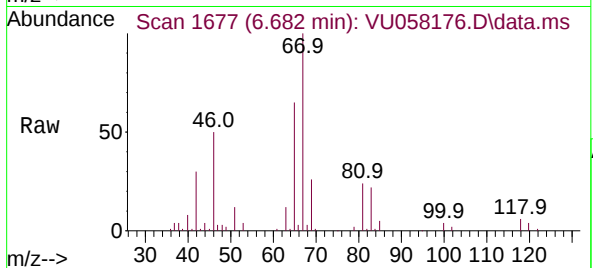




#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU058176.D
Acq: 20 Mar 2024 16:34

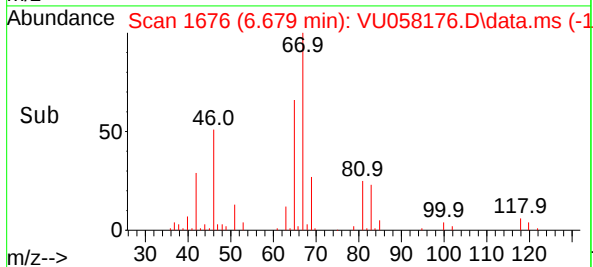
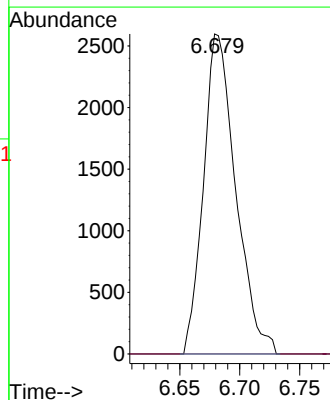
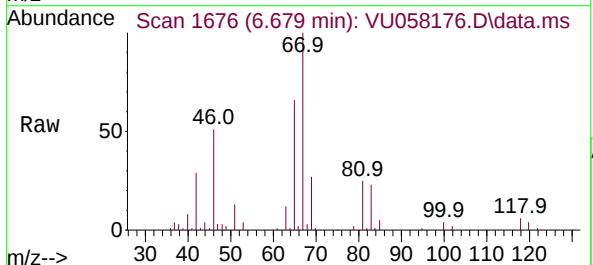
Instrument :
MSVOA_U
ClientSampleId :

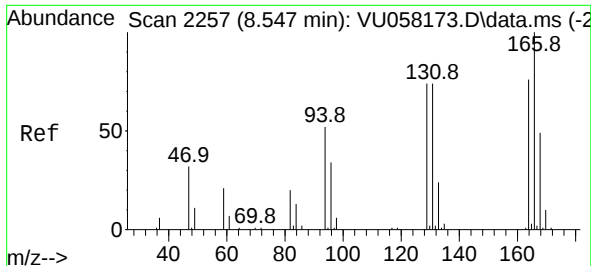
Tgt Ion: 83 Resp: 10005
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 0.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.106 min
Lab File: VU058176.D
Acq: 20 Mar 2024 16:34

Tgt Ion: 63 Resp: 4866
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.621 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

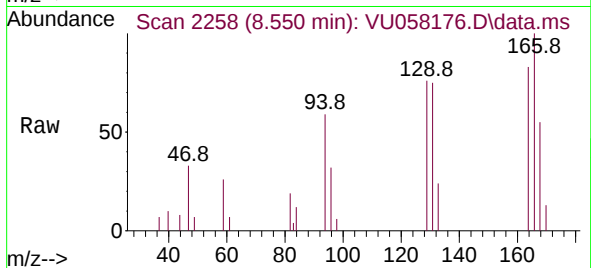
Lab File: VU058176.D

Acq: 20 Mar 2024 16:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3636

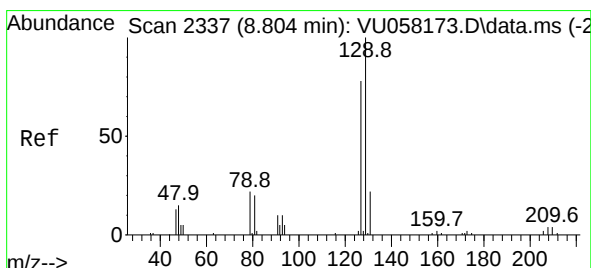
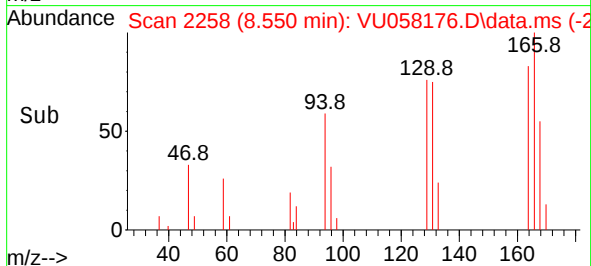
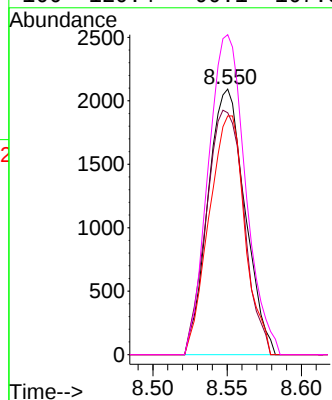
Ion Ratio Lower Upper

164 100

129 91.1 69.3 128.7

131 89.9 69.9 129.9

166 120.4 90.1 167.3



#49

Dibromochloromethane

Concen: 0.584 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058176.D

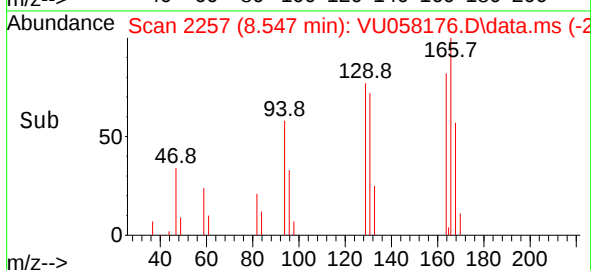
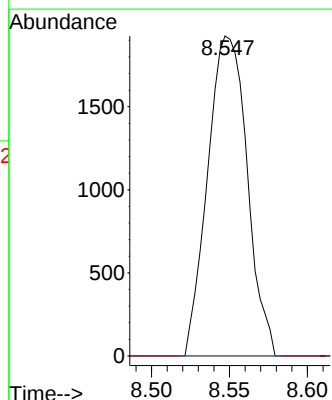
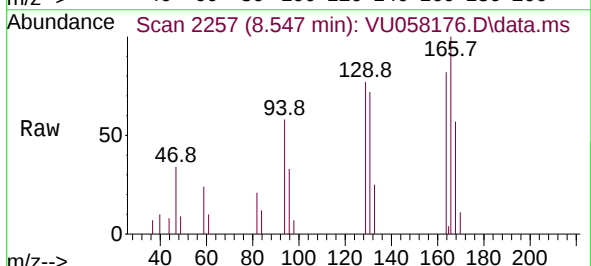
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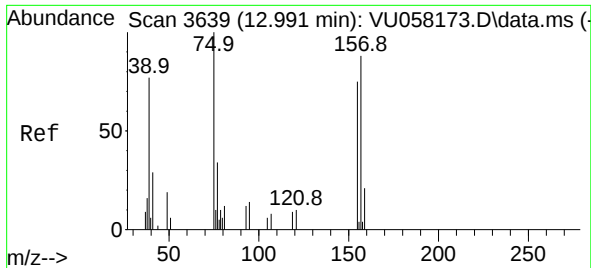
Tgt Ion:129 Resp: 3392

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.327 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

Lab File: VU058176.D

Acq: 20 Mar 2024 16:34

Instrument :

MSVOA_U

ClientSampleId :

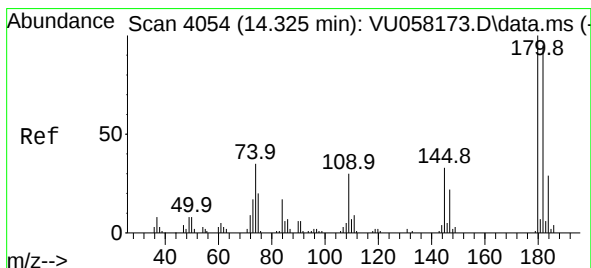
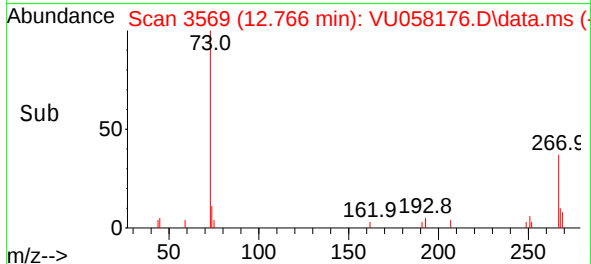
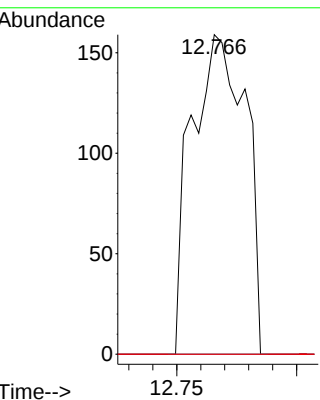
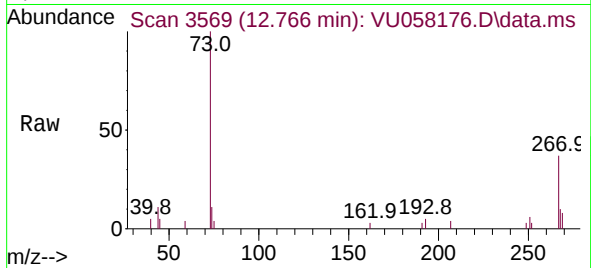
Tgt Ion: 75 Resp: 248

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 74.6 112.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.445 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.007 min

Lab File: VU058176.D

Acq: 20 Mar 2024 16:34

Tgt Ion:180 Resp: 2684

Ion Ratio Lower Upper

180 100

182 98.2 77.6 116.4

145 29.8 28.7 43.1

