

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058192.D
 Acq On : 22 Mar 2024 14:52
 Operator : MD/SY
 Sample : P1796-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

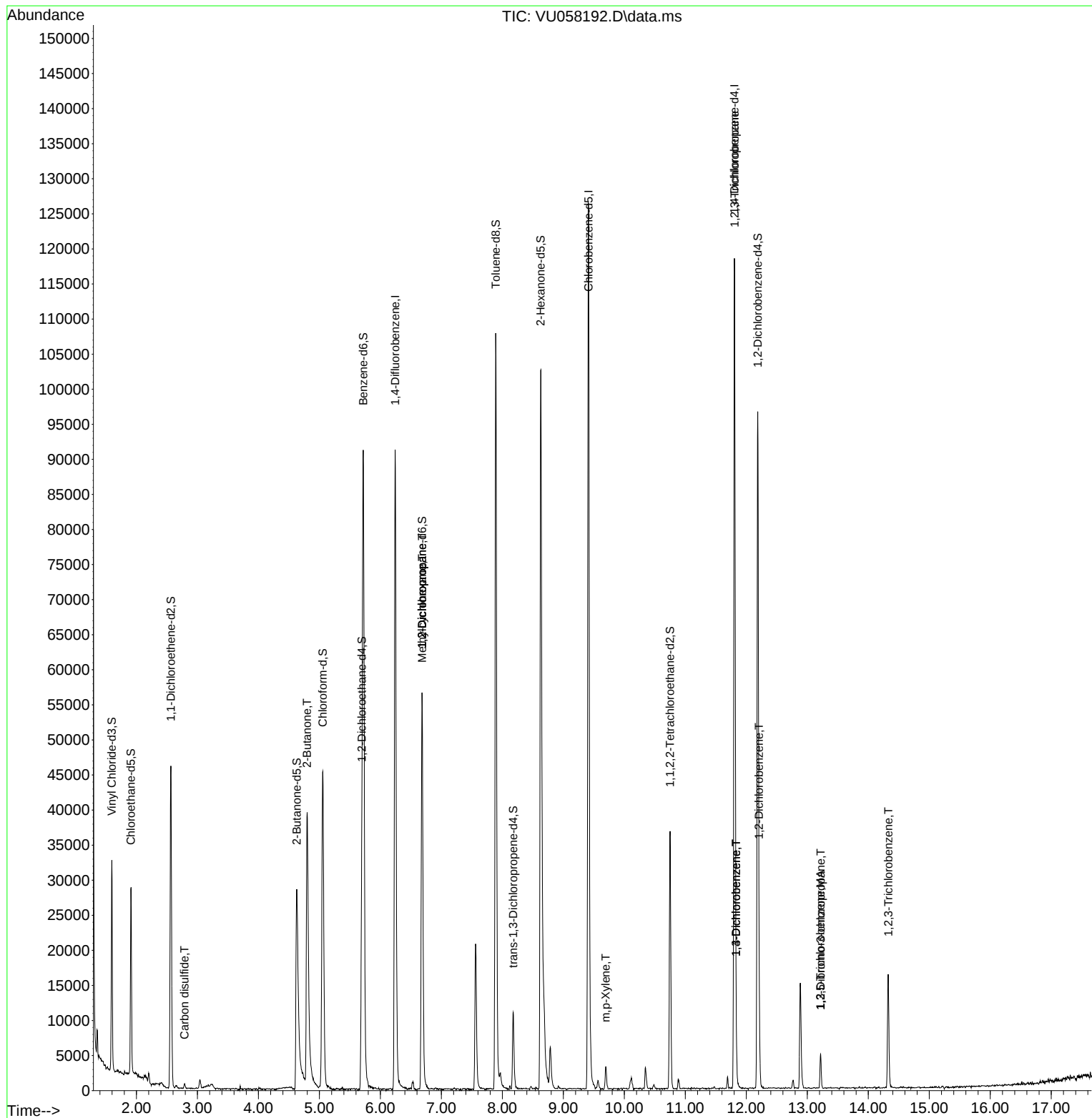
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76387	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	31932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19473	3.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.908	69	18520	3.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.563	65	8921	3.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	4.628	46	52125	45.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.900%
24) Chloroform-d	5.055	84	43448	3.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.695	65	22217	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.718	84	86906	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.682	67	27480	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.891	98	74381	3.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.177	79	7496	3.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.627	63	38669	43.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18755	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24763	4.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.789	76	857	0.100	ug/L #	75
21) 2-Butanone	4.798	43	56574	50.172	ug/L #	47
35) Methylcyclohexane	6.685	83	5945	0.868	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2996	0.569	ug/L #	90
53) m,p-Xylene	9.692	106	960	0.121	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	4717	1.764	ug/L #	66
64) 1,3-Dichlorobenzene	11.833	146	1551	0.174	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	1551	0.180	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	3372	0.408	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.219	75	243	0.603	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.216	180	1860	0.298	ug/L	94
72) 1,2,3-Trichlorobenzene	14.328	180	5736	1.503	ug/L	97

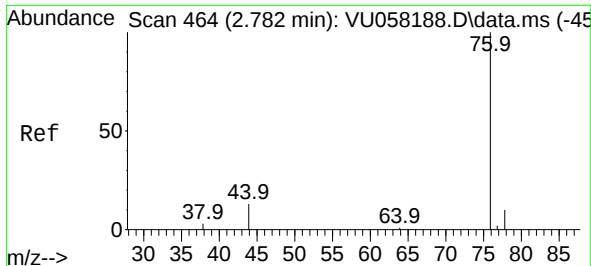
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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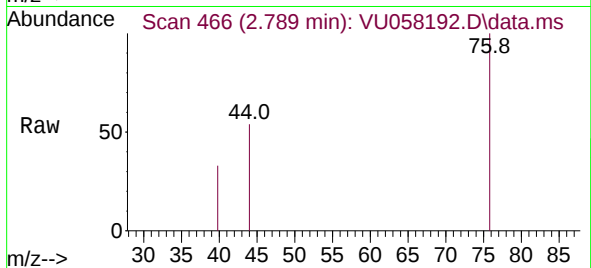
Quant Time: Mar 22 23:44:43 2024
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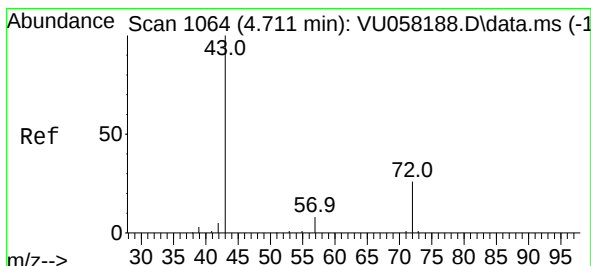
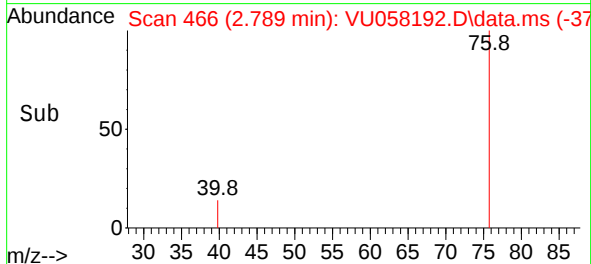
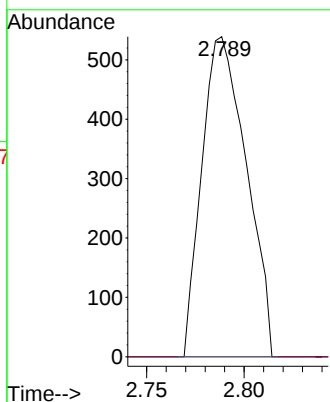


#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.007 min
Lab File: VU058192.D
Acq: 22 Mar 2024 14:52

Instrument :
MSVOA_U
ClientSampleId :

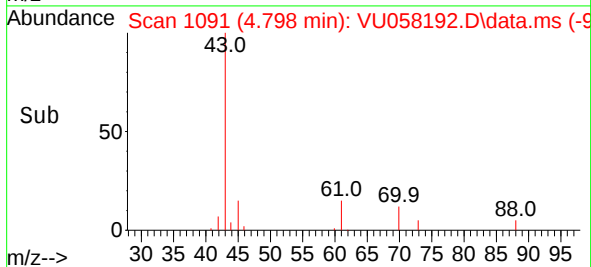
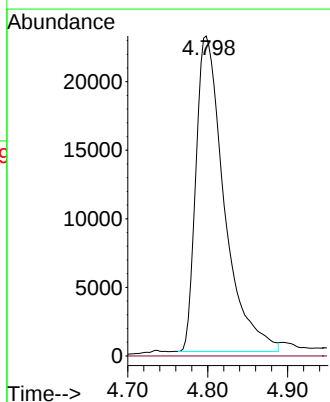
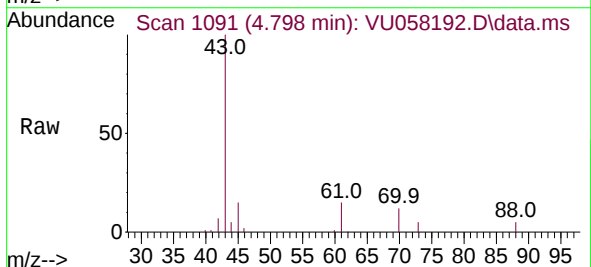


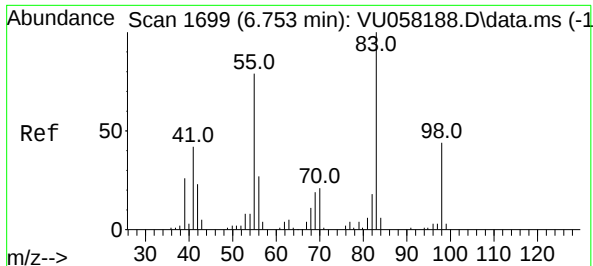
Tgt Ion: 76 Resp: 857
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#21
2-Butanone
Concen: 50.172 ug/L
RT: 4.798 min Scan# 1091
Delta R.T. 0.087 min
Lab File: VU058192.D
Acq: 22 Mar 2024 14:52

Tgt Ion: 43 Resp: 56574
Ion Ratio Lower Upper
43 100
72 0.0 14.0 41.9#





#35

Methylcyclohexane

Concen: 0.868 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

Instrument :

MSVOA_U

ClientSampleId :

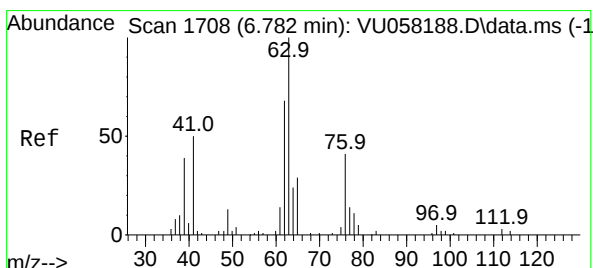
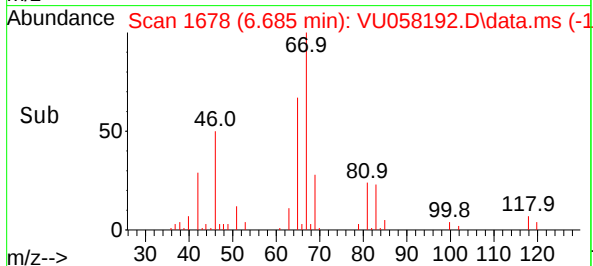
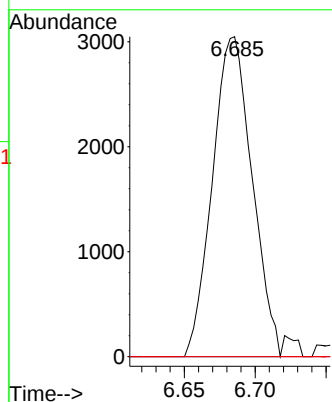
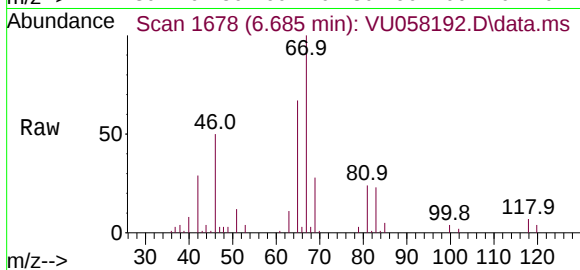
Tgt Ion: 83 Resp: 5945

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.1 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058192.D

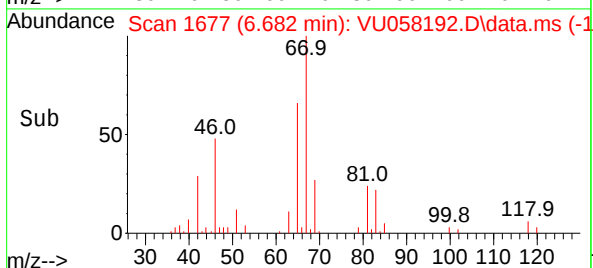
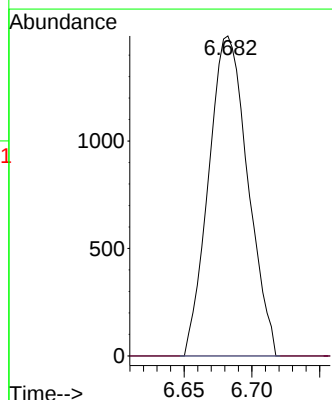
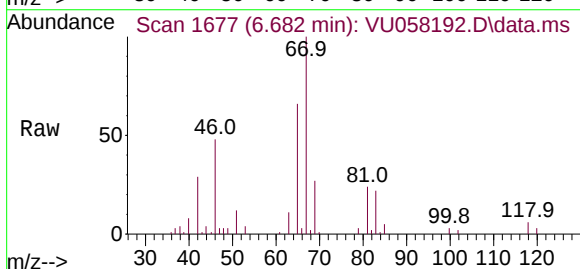
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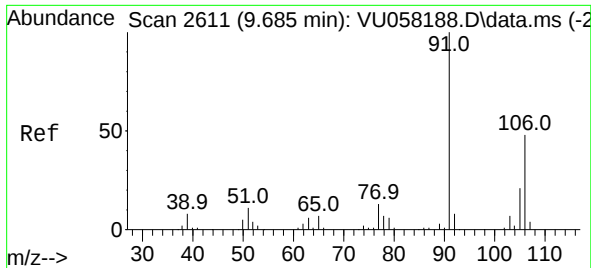
Tgt Ion: 63 Resp: 2996

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

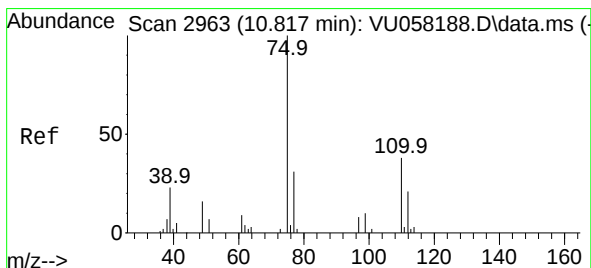
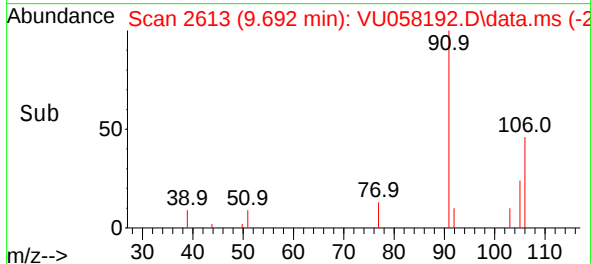
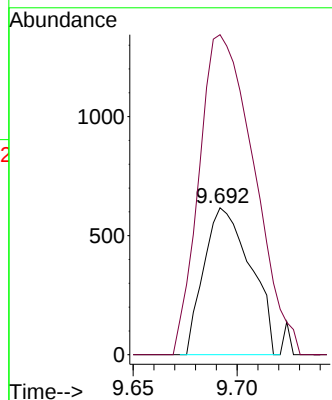
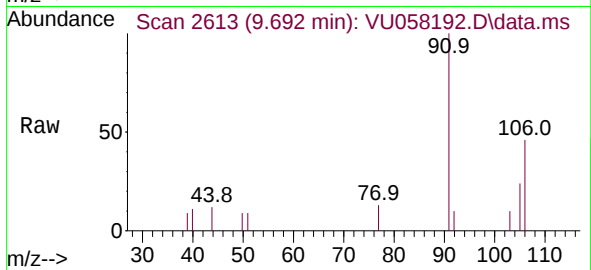




#53
m,p-Xylene
Concen: 0.121 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.007 min
Lab File: VU058192.D
Acq: 22 Mar 2024 14:52

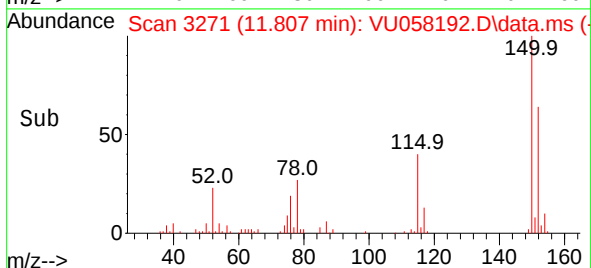
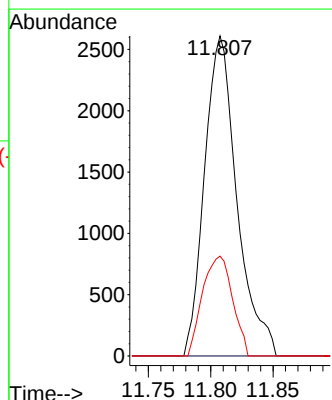
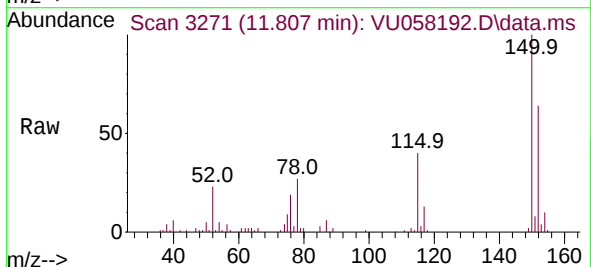
Instrument :
MSVOA_U
ClientSampleId :

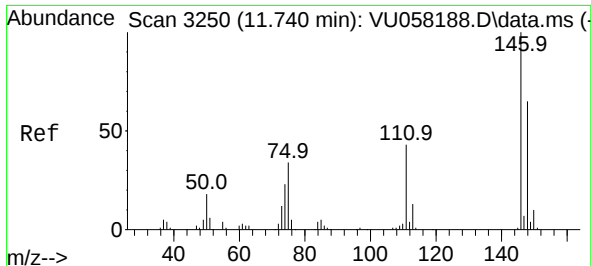
Tgt Ion:106 Resp: 960
Ion Ratio Lower Upper
106 100
91 217.8 151.0 280.4



#61
1,2,3-Trichloropropane
Concen: 1.764 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058192.D
Acq: 22 Mar 2024 14:52

Tgt Ion: 75 Resp: 4717
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 28.8 25.1 37.7





#64

1,3-Dichlorobenzene

Concen: 0.174 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.093 min

Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

Instrument :

MSVOA_U

ClientSampleId :

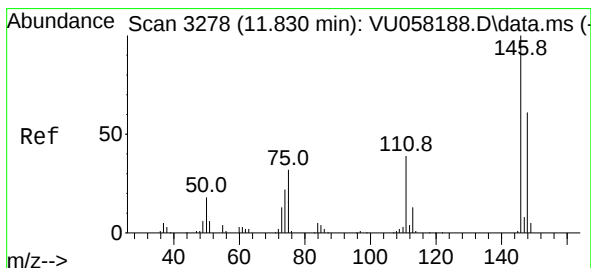
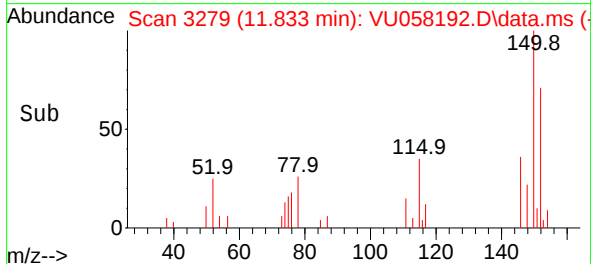
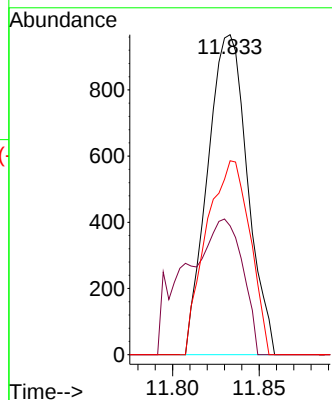
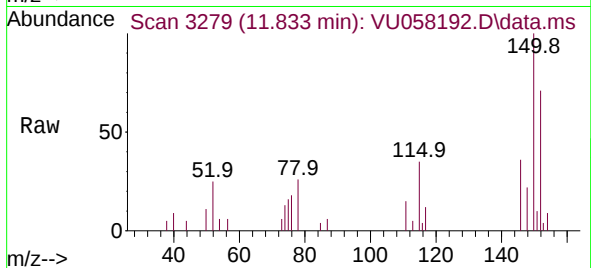
Tgt Ion:146 Resp: 1551

Ion Ratio Lower Upper

146 100

111 40.2 29.9 55.5

148 60.6 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 0.180 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

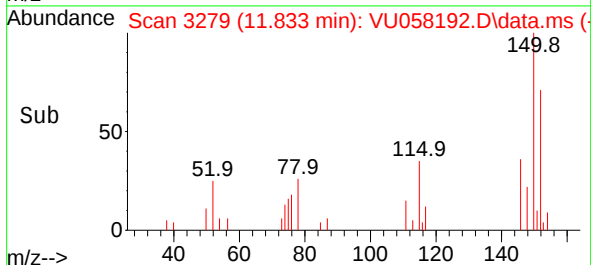
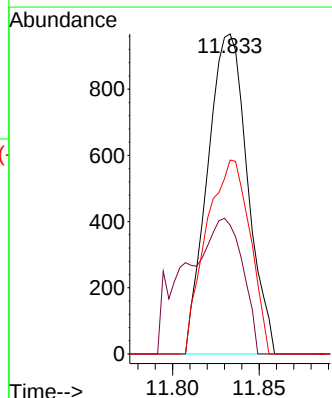
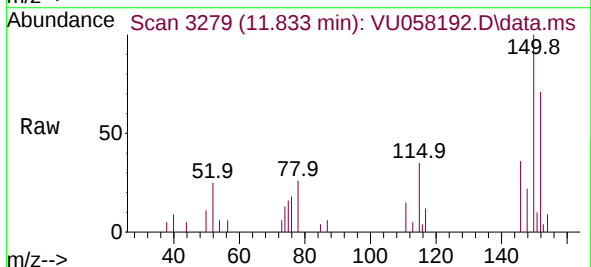
Tgt Ion:146 Resp: 1551

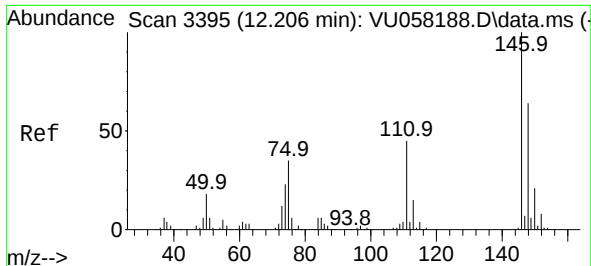
Ion Ratio Lower Upper

146 100

111 40.2 29.0 53.8

148 60.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 0.408 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

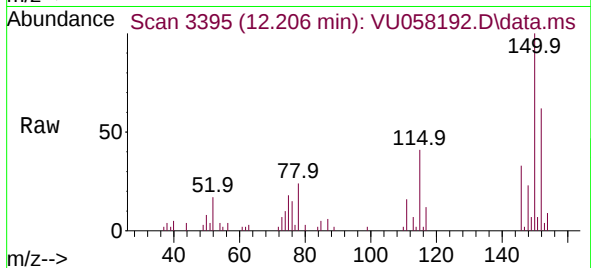
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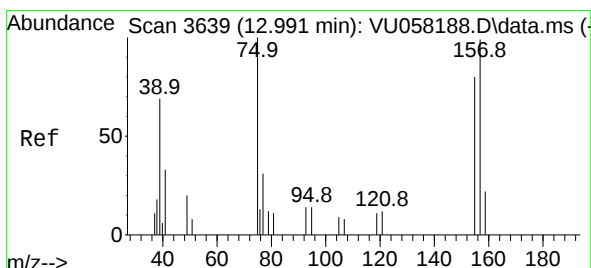
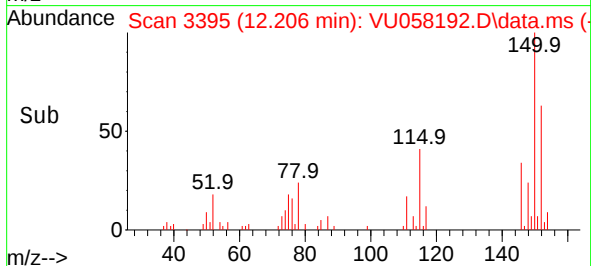
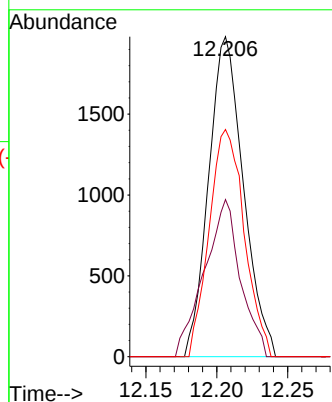
Tgt Ion:146 Resp: 3372

Ion Ratio Lower Upper

146 100

111 49.1 35.9 53.9

148 71.0 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.603 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.228 min

Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

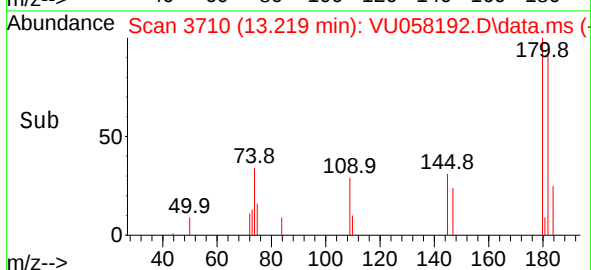
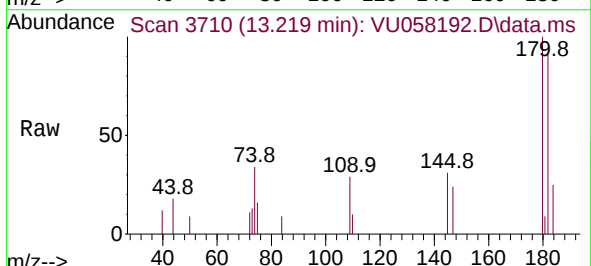
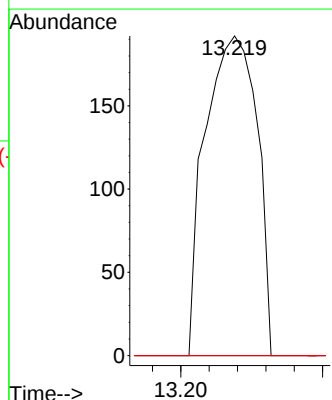
Tgt Ion: 75 Resp: 243

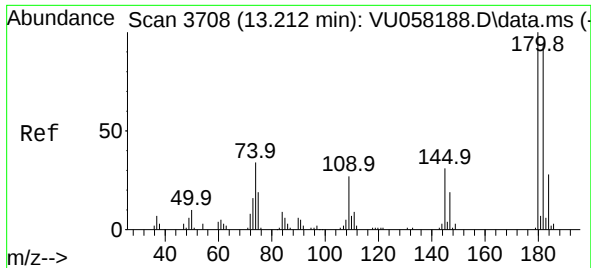
Ion Ratio Lower Upper

75 100

155 0.0 60.2 90.2#

157 0.0 82.6 123.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.298 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

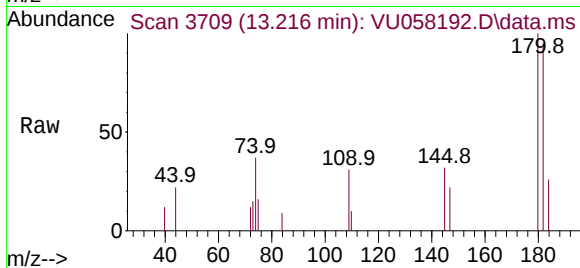
Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

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MSVOA_U

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Tgt Ion:180 Resp: 1860

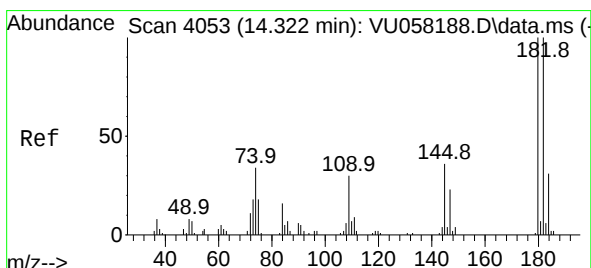
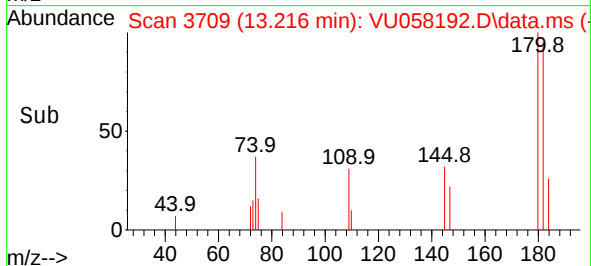
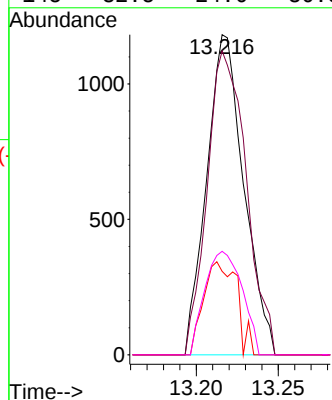
Ion Ratio Lower Upper

180 100

182 99.6 75.4 113.0

184 26.0 24.8 37.2

145 32.5 24.6 36.8



#72

1,2,3-Trichlorobenzene

Concen: 1.503 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.007 min

Lab File: VU058192.D

Acq: 22 Mar 2024 14:52

Tgt Ion:180 Resp: 5736

Ion Ratio Lower Upper

180 100

182 94.8 74.4 111.6

145 35.8 26.3 39.5

