

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042324\
 Data File : VU058778.D
 Acq On : 23 Apr 2024 11:24
 Operator : MD/SY
 Sample : P2202-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 00:36:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

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

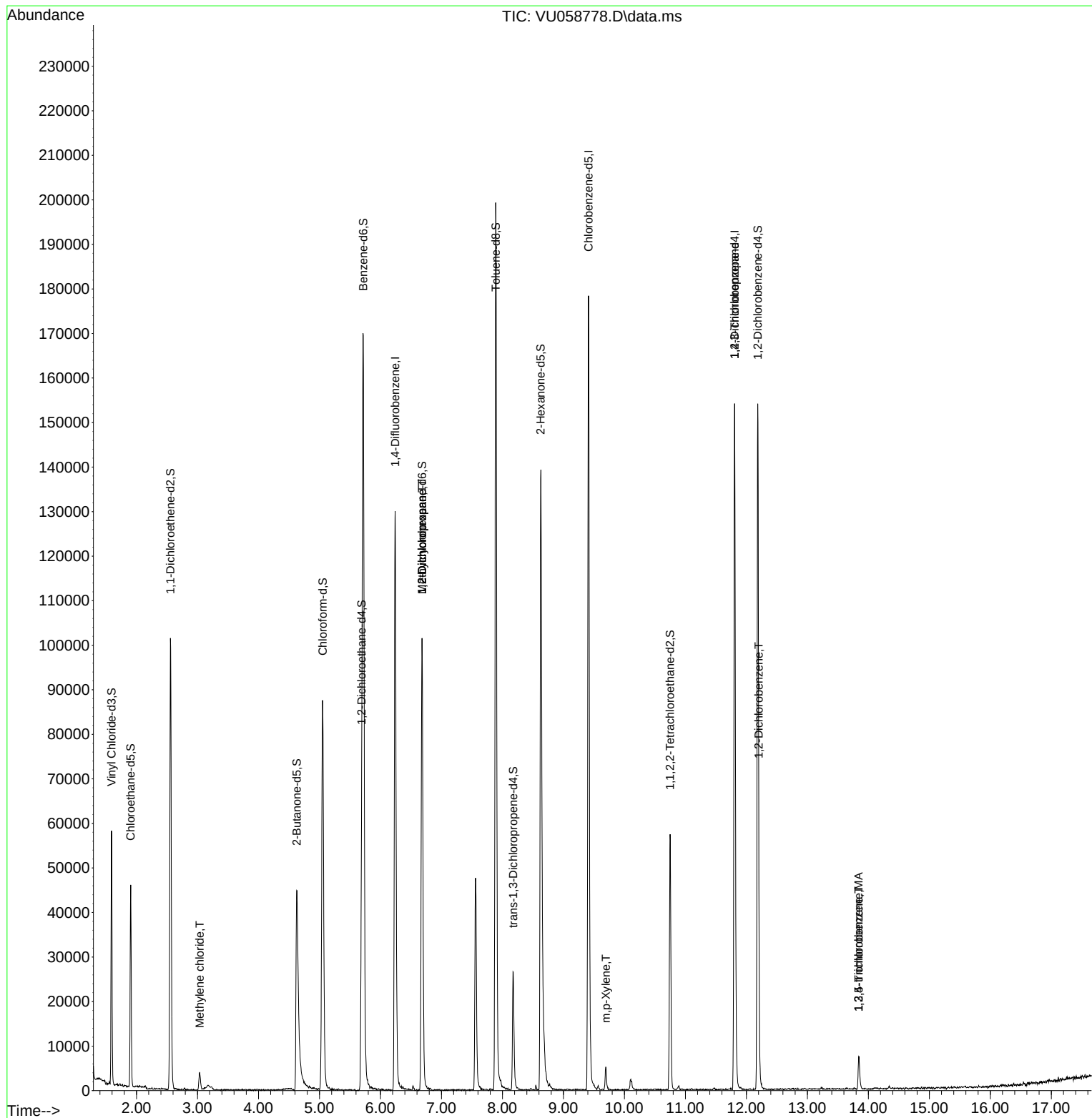
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	98418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	40083	4.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.904	69	30620	4.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.557	65	19944	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.628	46	76924	53.777	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.560%
24) Chloroform-d	5.052	84	82810	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.692	65	41853	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.718	84	157870	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.682	67	48860	5.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	134283	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	15919	4.679	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.627	63	48753	48.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	29720	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39637	5.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	1719	0.212	ug/L	91
35) Methylcyclohexane	6.682	83	10896	0.774	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	5852	0.658	ug/L #	89
53) m,p-Xylene	9.695	106	1553	0.109	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	5864	1.580	ug/L #	66
67) 1,2-Dichlorobenzene	12.203	146	1860	0.154	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.843	180	3209	0.322	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	3209	0.463	ug/L	94

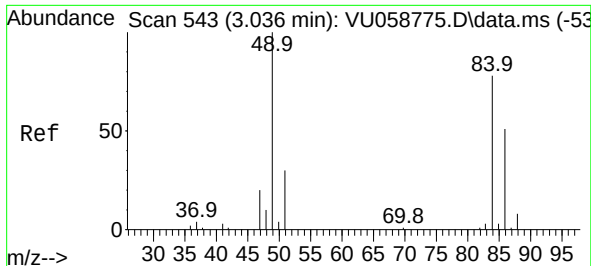
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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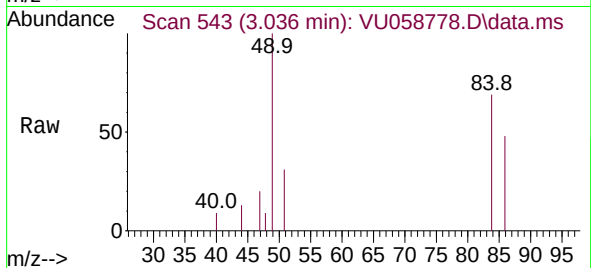
Quant Time: Apr 24 00:36:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
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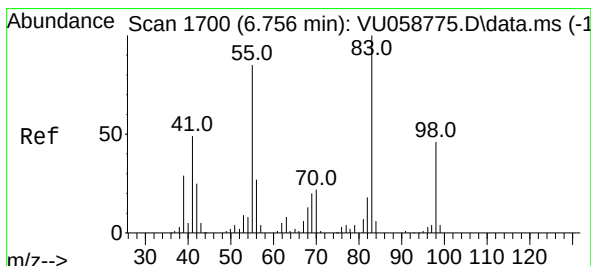
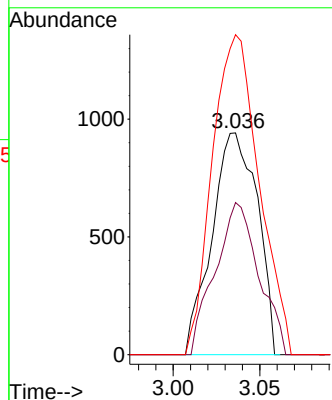
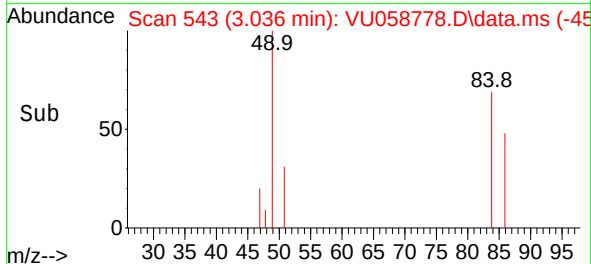


#16
Methylene chloride
Concen: 0.212 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU058778.D
Acq: 23 Apr 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :

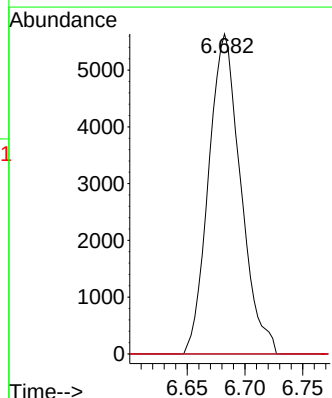
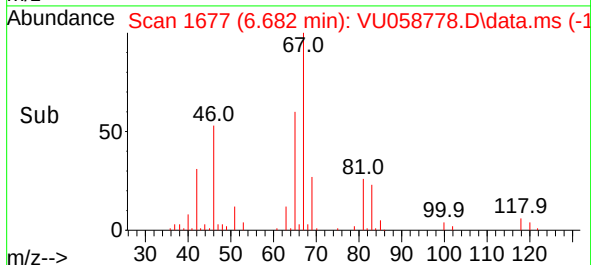
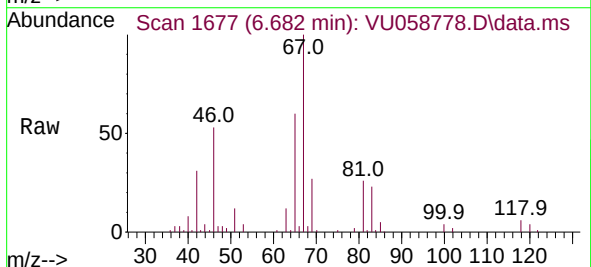


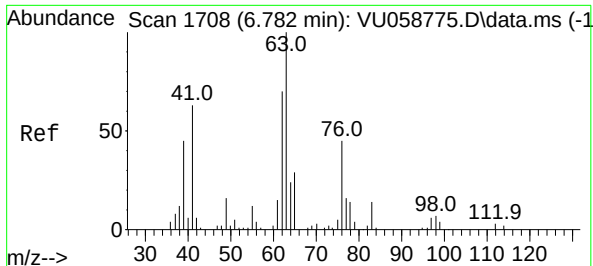
Tgt Ion: 84 Resp: 1719
Ion Ratio Lower Upper
84 100
86 68.6 45.0 83.6
49 144.3 91.6 170.2



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058778.D
Acq: 23 Apr 2024 11:24

Tgt Ion: 83 Resp: 10896
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.2 35.4 53.2#

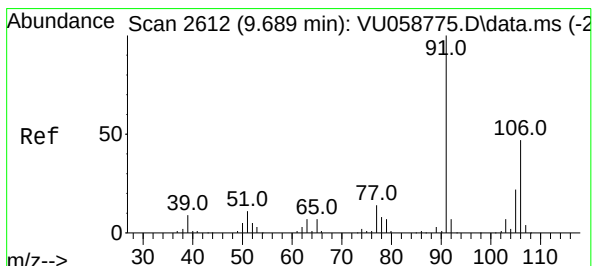
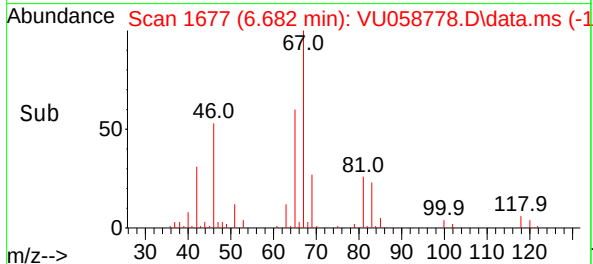
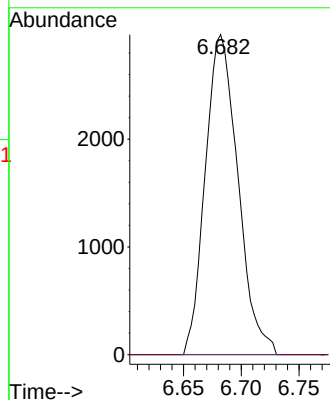
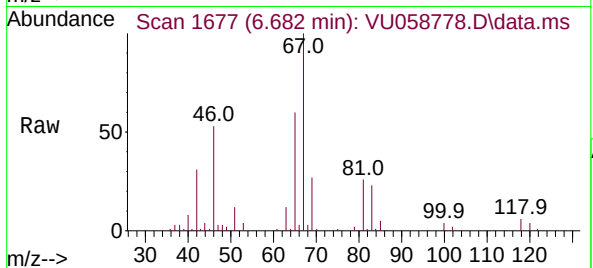




#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058778.D
Acq: 23 Apr 2024 11:24

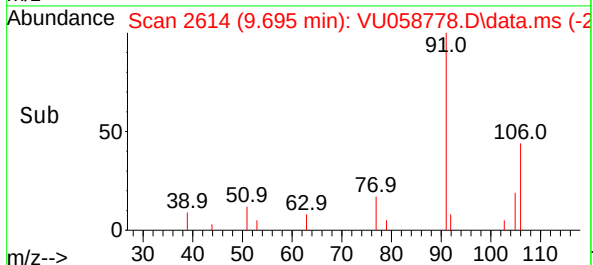
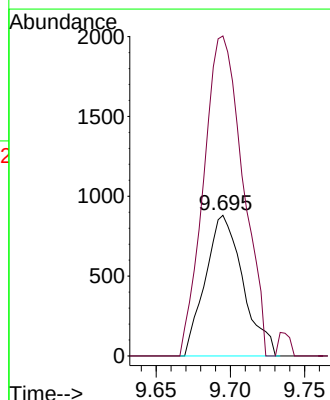
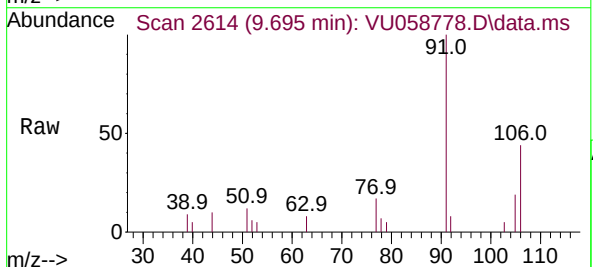
Instrument :
MSVOA_U
ClientSampleId :

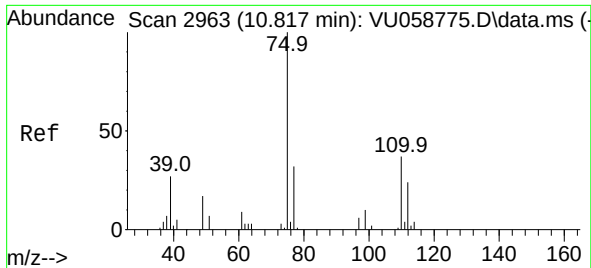
Tgt Ion: 63 Resp: 5852
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#53
m,p-Xylene
Concen: 0.109 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU058778.D
Acq: 23 Apr 2024 11:24

Tgt Ion: 106 Resp: 1553
Ion Ratio Lower Upper
106 100
91 227.5 155.1 288.1





#61

1,2,3-Trichloropropane

Concen: 1.580 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058778.D

Acq: 23 Apr 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :

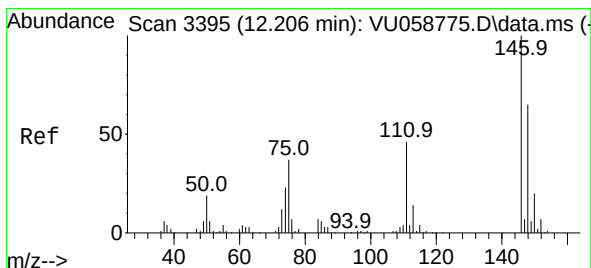
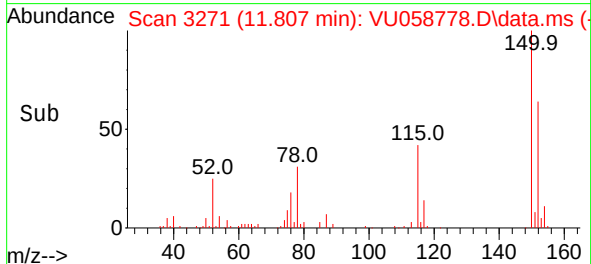
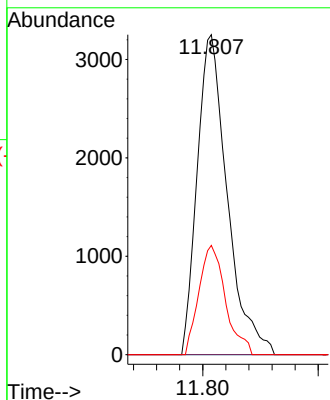
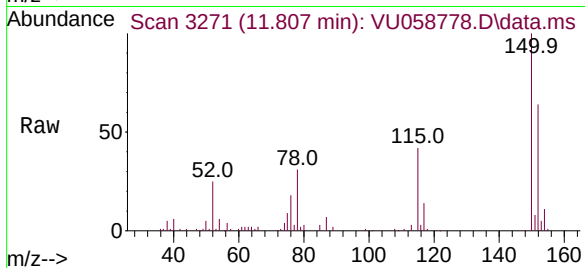
Tgt Ion: 75 Resp: 5864

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 30.3 25.4 38.2



#67

1,2-Dichlorobenzene

Concen: 0.154 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU058778.D

Acq: 23 Apr 2024 11:24

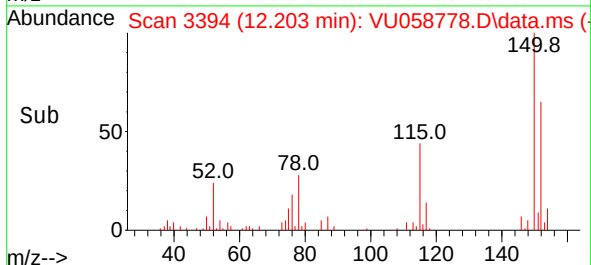
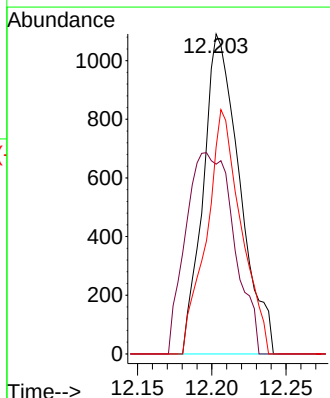
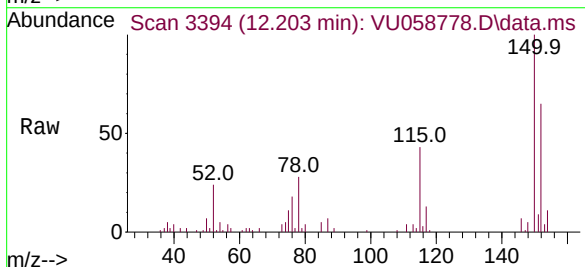
Tgt Ion:146 Resp: 1860

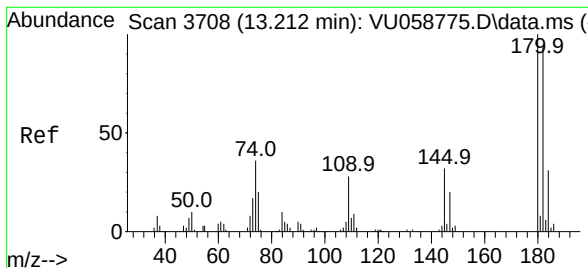
Ion Ratio Lower Upper

146 100

111 59.3 35.7 53.5#

148 64.6 51.6 77.4





#69

1,3,5-Trichlorobenzene

Concen: 0.322 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

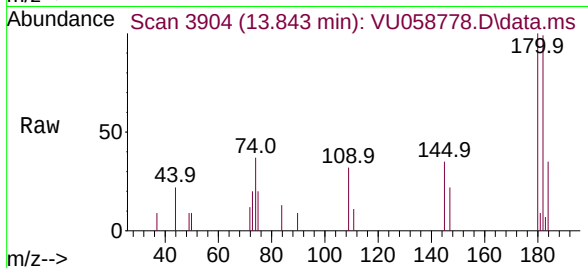
Lab File: VU058778.D

Acq: 23 Apr 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3209

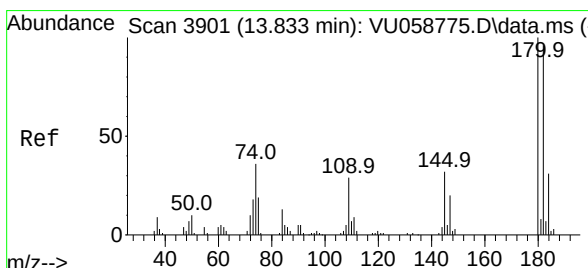
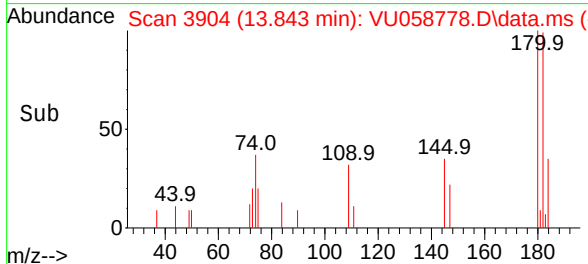
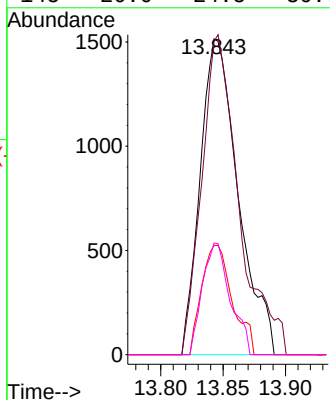
Ion Ratio Lower Upper

180 100

182 99.3 75.9 113.9

184 28.0 24.7 37.1

145 26.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.463 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU058778.D

Acq: 23 Apr 2024 11:24

Tgt Ion:180 Resp: 3209

Ion Ratio Lower Upper

180 100

182 99.3 75.9 113.9

145 26.0 25.7 38.5

