

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058388.D
 Acq On : 05 Apr 2024 00:21
 Operator : MD/SY
 Sample : P1925-20 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 00:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

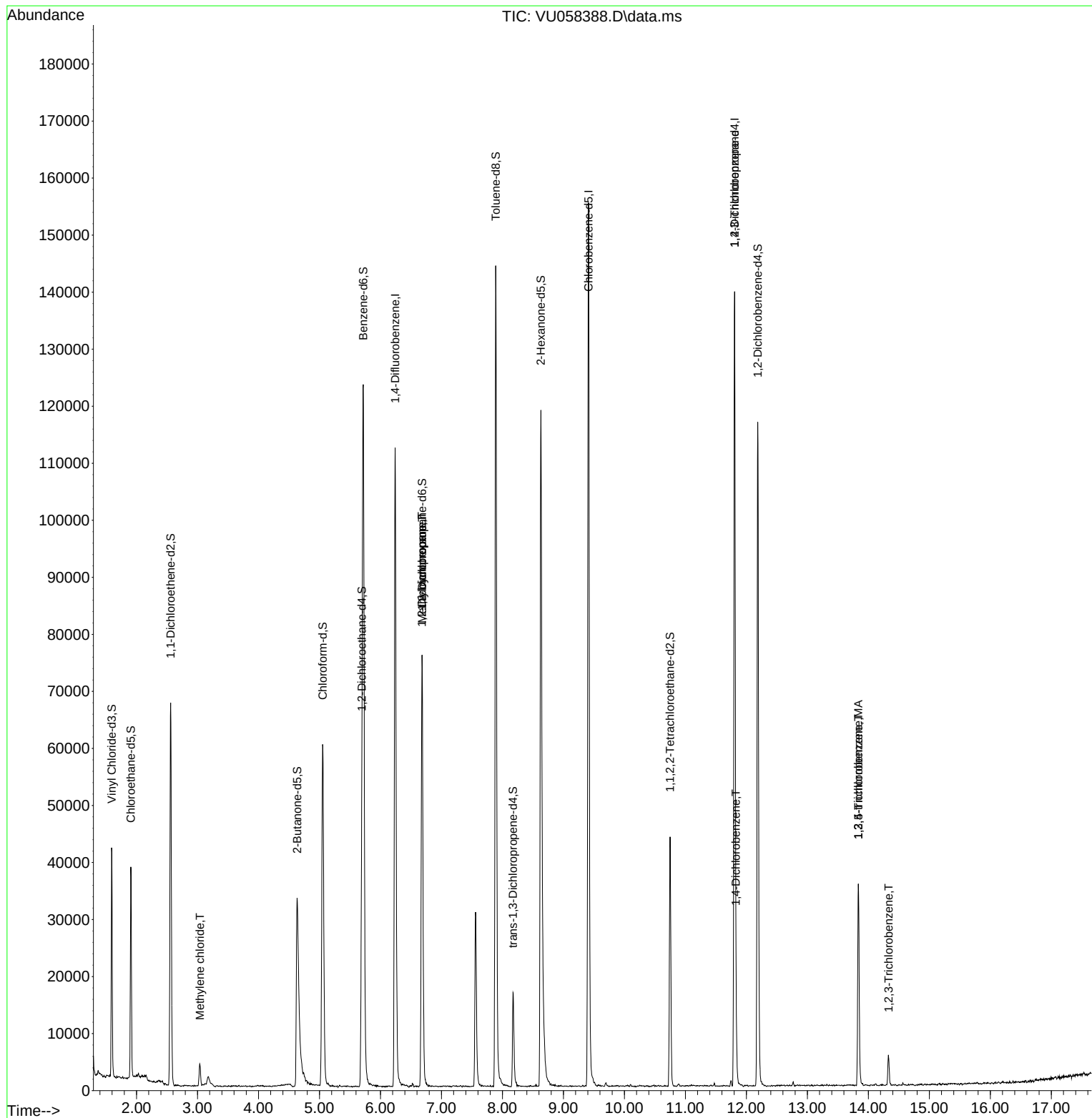
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	89418	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28055	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.907	69	25124	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	13085	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.634	46	62900	50.417	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.840%
24) Chloroform-d	5.052	84	56579	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	27887	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.718	84	114477	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.682	67	36154	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	97309	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.174	79	10150	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	42668	46.209	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22112	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	29963	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	1751	0.208	ug/L	92
35) Methylcyclohexane	6.685	83	7915	0.673	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	4110	0.504	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5856	1.548	ug/L #	66
65) 1,4-Dichlorobenzene	11.830	146	2253	0.175	ug/L	93
69) 1,3,5-Trichlorobenzene	13.836	180	11936	1.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	11878	1.580	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	2258	0.364	ug/L	99

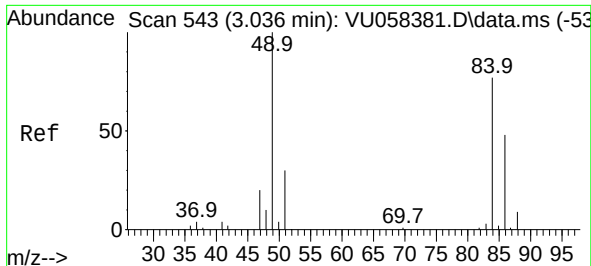
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.208 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

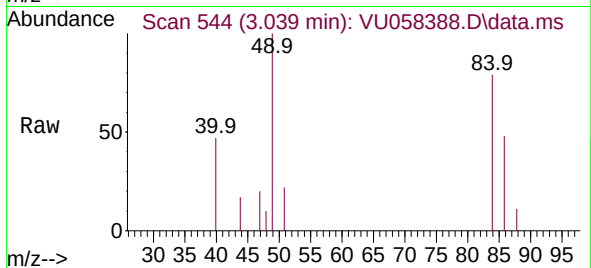
Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

Instrument :

MSVOA_U

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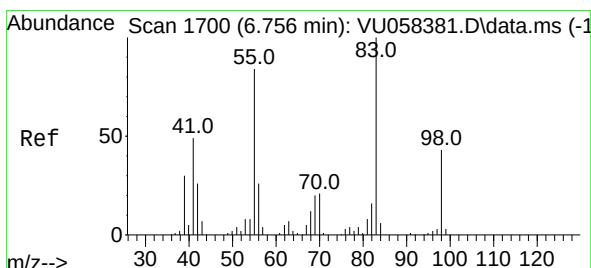
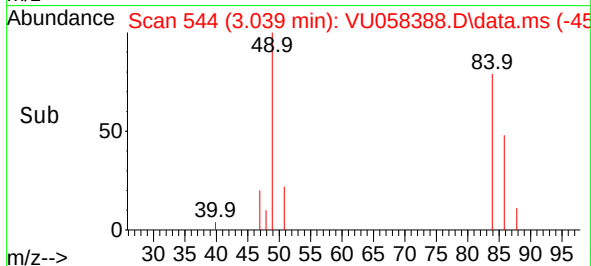
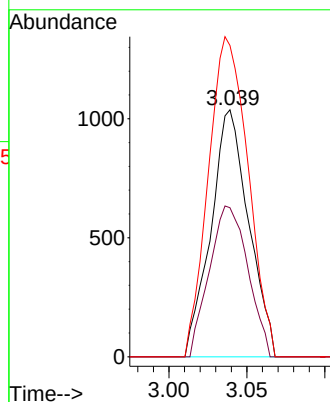
Tgt Ion: 84 Resp: 1751

Ion Ratio Lower Upper

84 100

86 60.3 44.3 82.3

49 126.0 96.0 178.2



#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

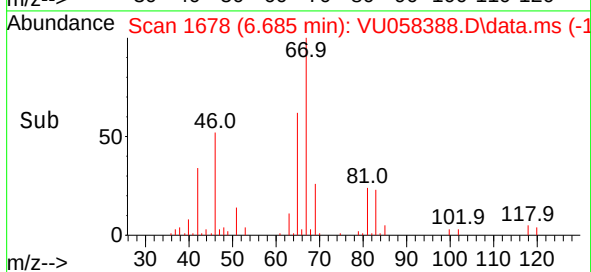
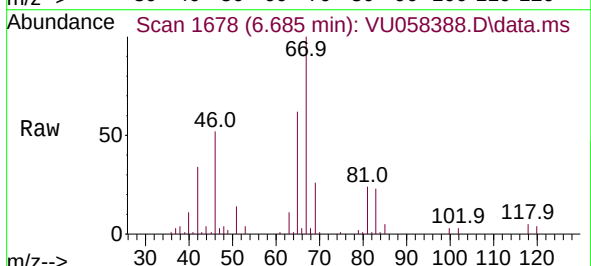
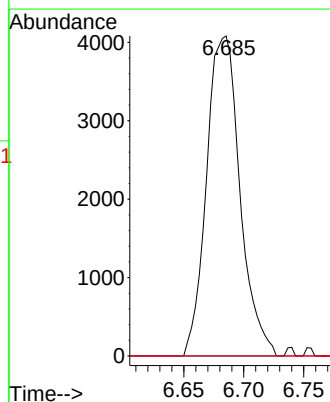
Tgt Ion: 83 Resp: 7915

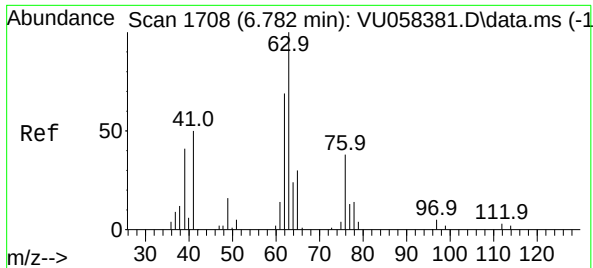
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.3 34.6 52.0#

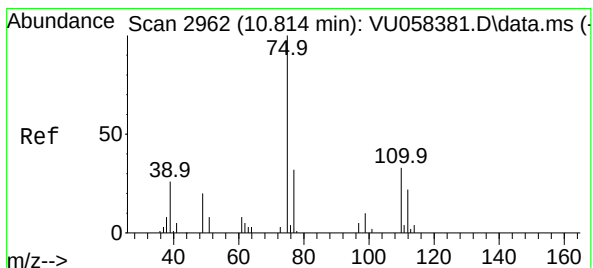
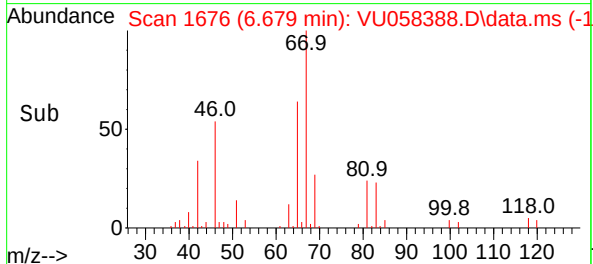
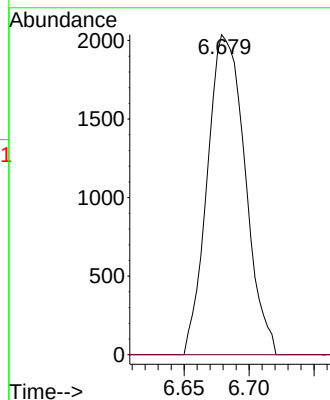
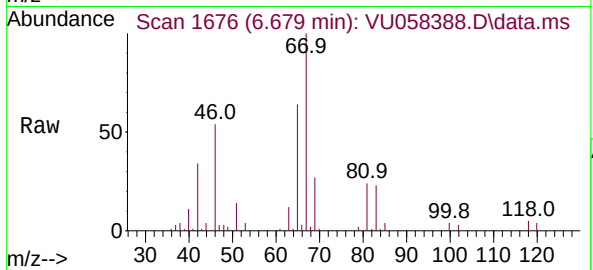




#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058388.D
Acq: 05 Apr 2024 00:21

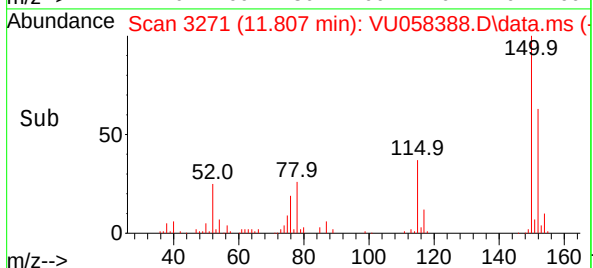
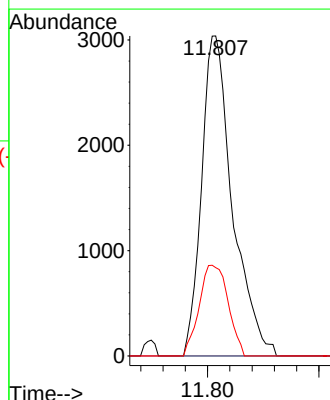
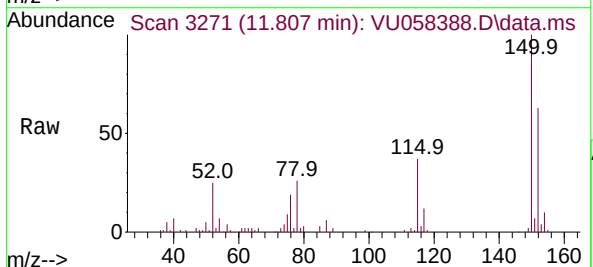
Instrument :
MSVOA_U
ClientSampleId :

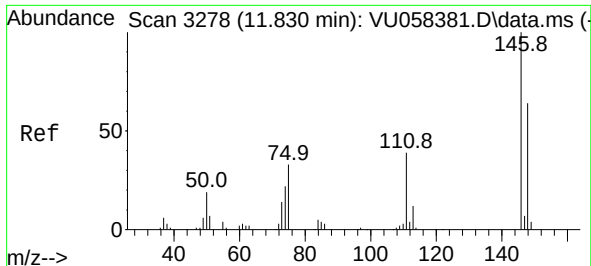
Tgt Ion: 63 Resp: 4110
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.548 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU058388.D
Acq: 05 Apr 2024 00:21

Tgt Ion: 75 Resp: 5856
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 26.5 25.1 37.7





#65

1,4-Dichlorobenzene

Concen: 0.175 ug/L

RT: 11.830 min Scan# 31

Delta R.T. -0.000 min

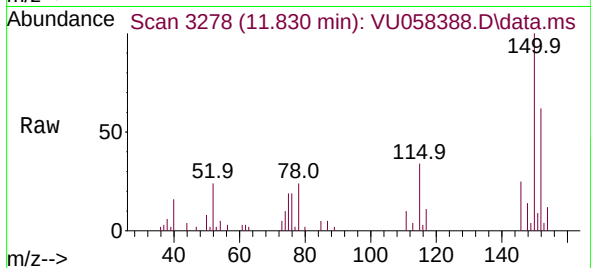
Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

Instrument :

MSVOA_U

ClientSampleId :



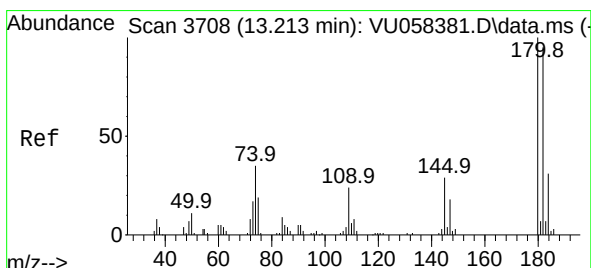
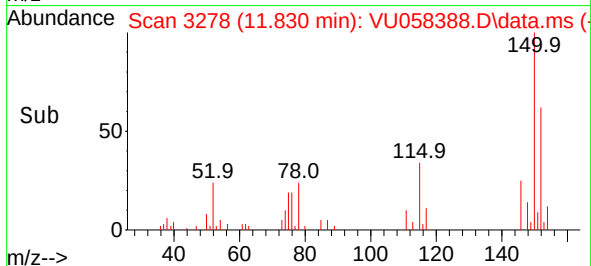
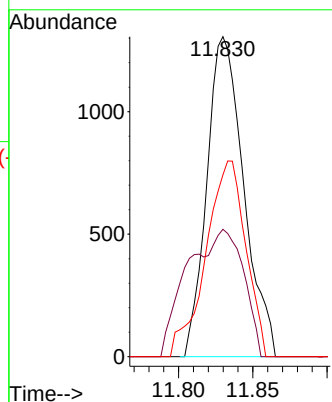
Tgt Ion:146 Resp: 2253

Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.6

148 56.8 45.3 84.1



#69

1,3,5-Trichlorobenzene

Concen: 1.224 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.624 min

Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

Tgt Ion:180 Resp: 11936

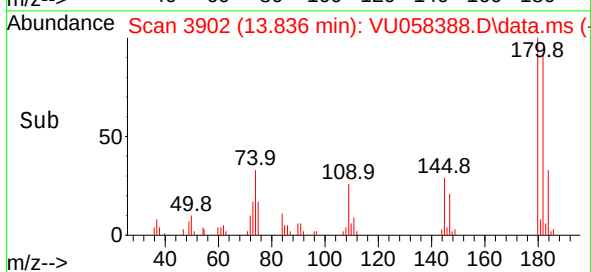
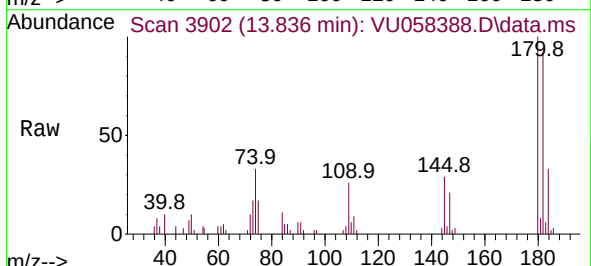
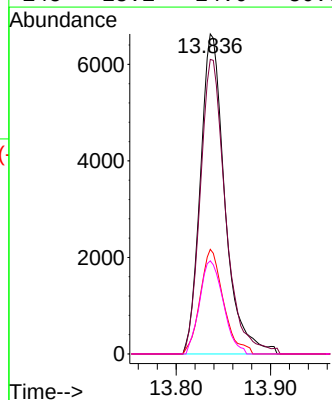
Ion Ratio Lower Upper

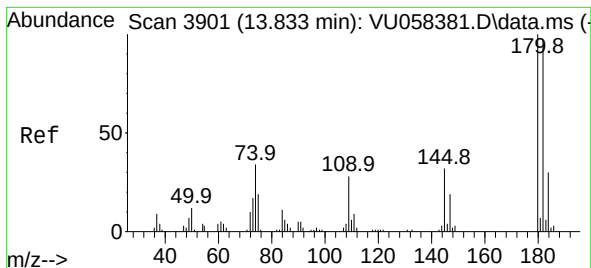
180 100

182 94.5 75.7 113.5

184 31.0 24.3 36.5

145 28.1 24.0 36.0





#70

1,2,4-trichlorobenzene

Concen: 1.580 ug/L

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

Instrument :

MSVOA_U

ClientSampleId :

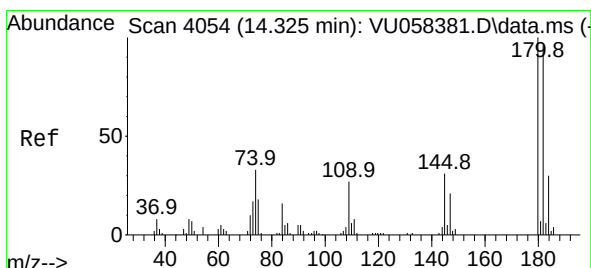
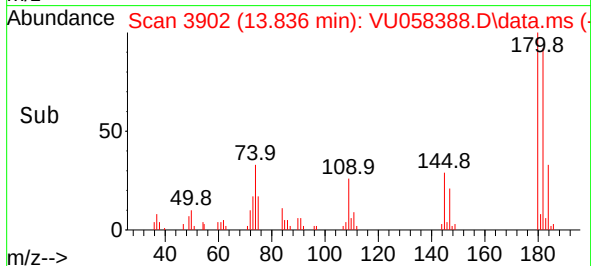
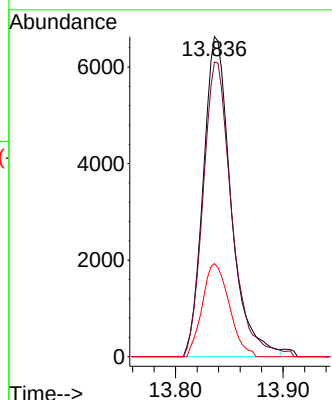
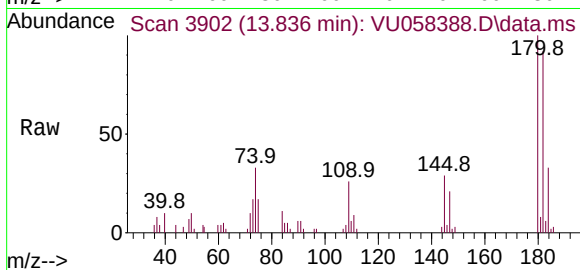
Tgt Ion:180 Resp: 11878

Ion Ratio Lower Upper

180 100

182 94.9 74.4 111.6

145 28.2 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 0.364 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU058388.D

Acq: 05 Apr 2024 00:21

Tgt Ion:180 Resp: 2258

Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 30.3 25.2 37.8

