

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058412.D
 Acq On : 05 Apr 2024 12:05
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:34:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

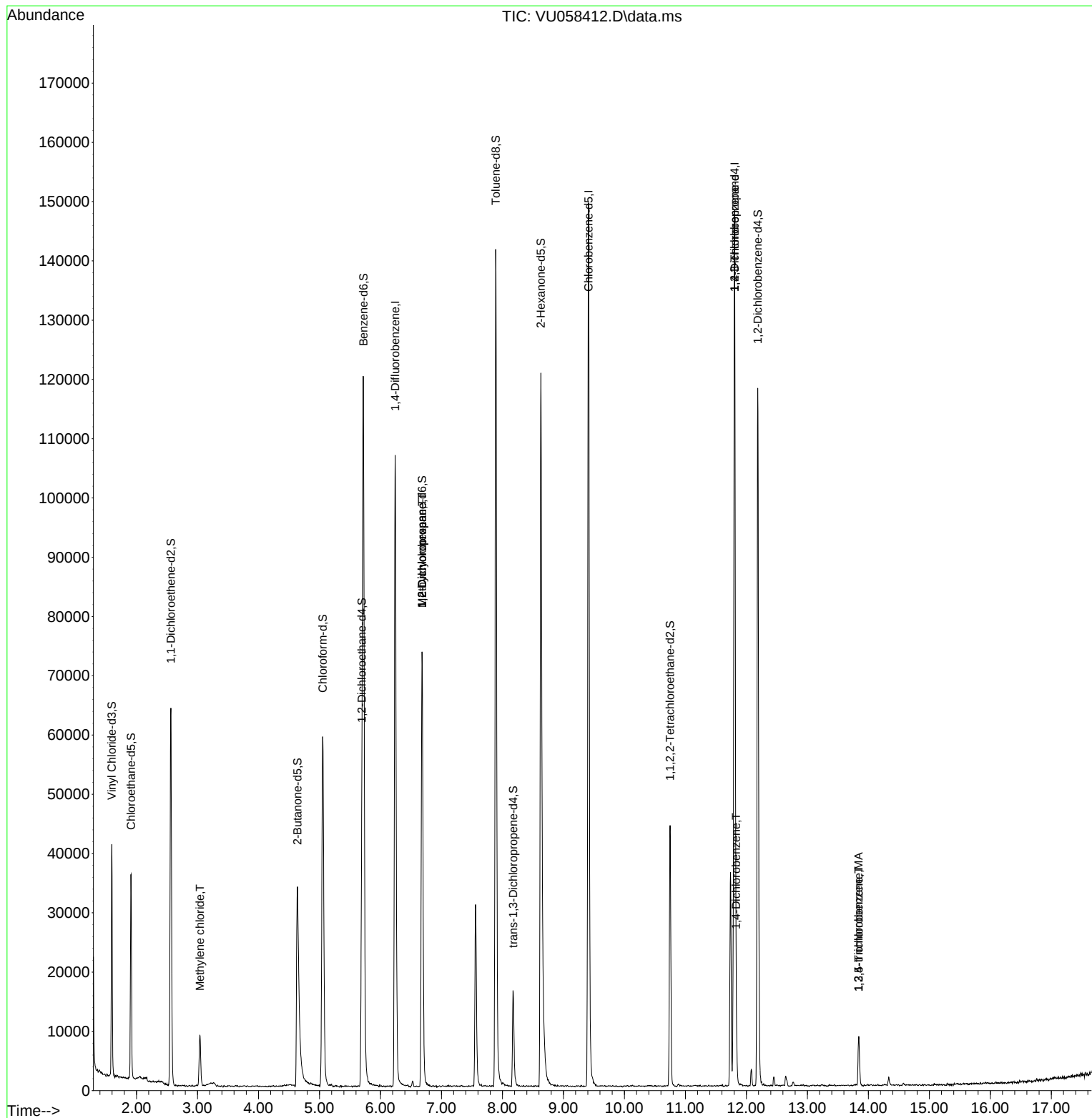
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26542	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.911	69	24263	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.563	65	12563	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.637	46	62196	52.449	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.055	84	56475	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	27481	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	111897	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.682	67	35938	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	94922	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	10332	4.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.631	63	42489	47.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22805	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	30582	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	3934	0.492	ug/L	95
35) Methylcyclohexane	6.682	83	7744	0.677	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3831	0.484	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	6185	1.597	ug/L #	63
65) 1,4-Dichlorobenzene	11.833	146	2951	0.224	ug/L	96
69) 1,3,5-Trichlorobenzene	13.843	180	3458	0.346	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	3458	0.449	ug/L	98

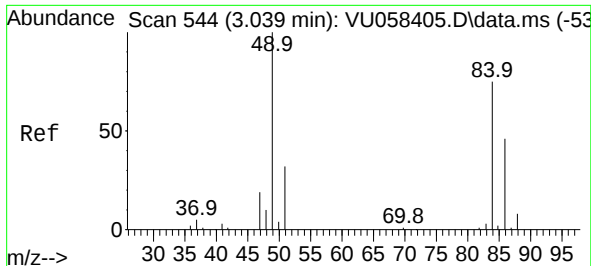
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058412.D
Acq On : 05 Apr 2024 12:05
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 05 23:34:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 23:33:02 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.492 ug/L

RT: 3.039 min Scan# 54

Delta R.T. -0.000 min

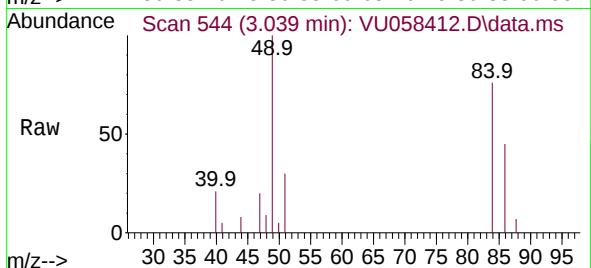
Lab File: VU058412.D

Acq: 05 Apr 2024 12:05

Instrument :

MSVOA_U

ClientSampleId :



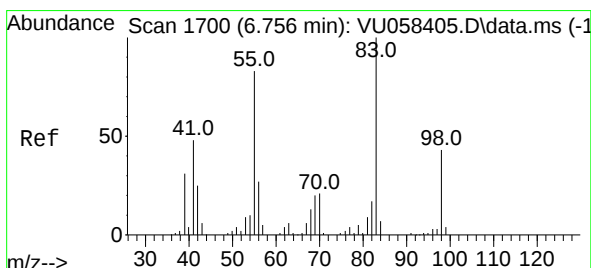
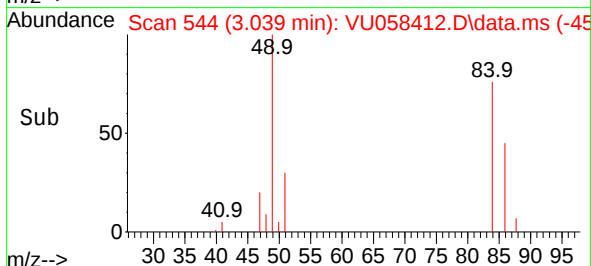
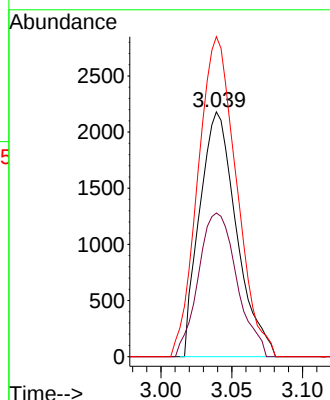
Tgt Ion: 84 Resp: 3934

Ion Ratio Lower Upper

84 100

86 58.7 44.3 82.3

49 130.7 96.0 178.2



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058412.D

Acq: 05 Apr 2024 12:05

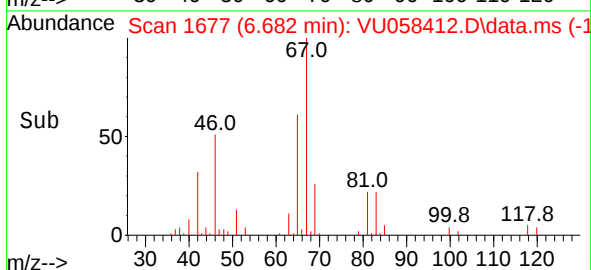
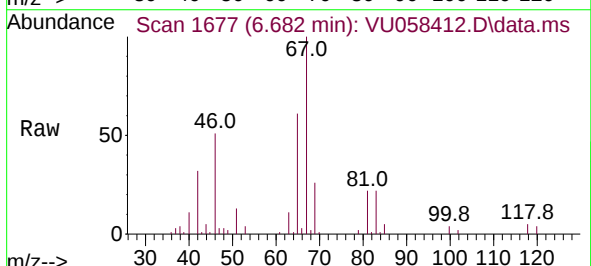
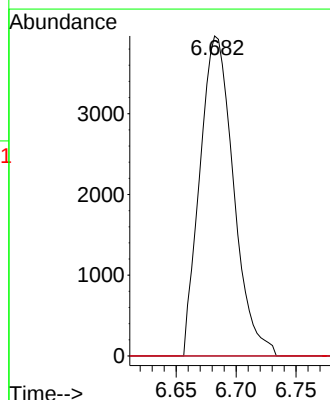
Tgt Ion: 83 Resp: 7744

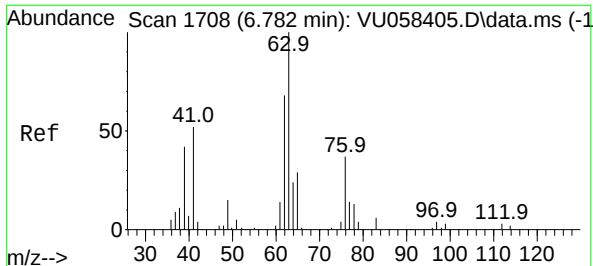
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

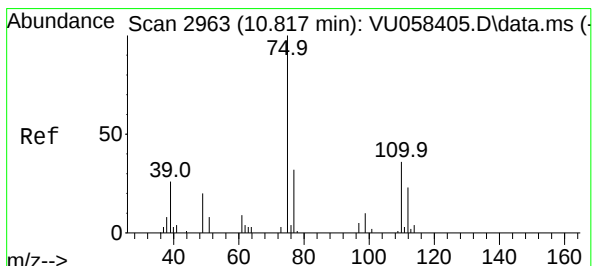
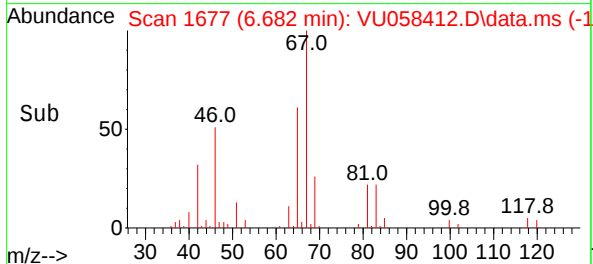
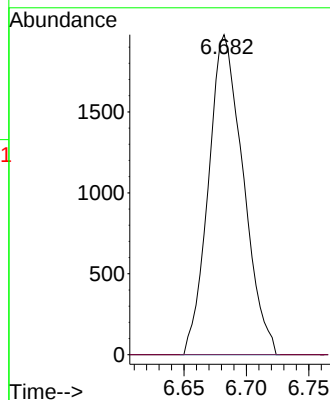
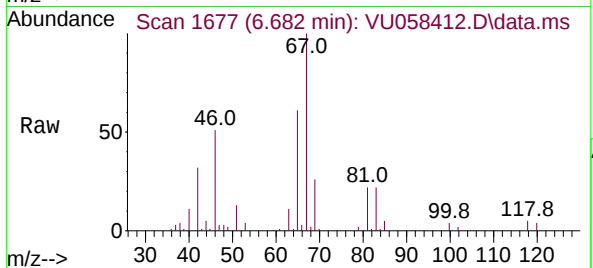




#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058412.D
Acq: 05 Apr 2024 12:05

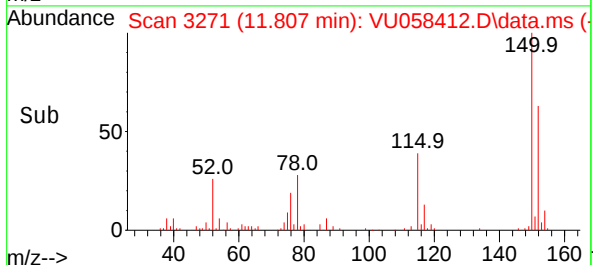
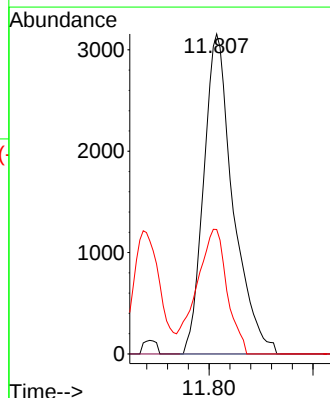
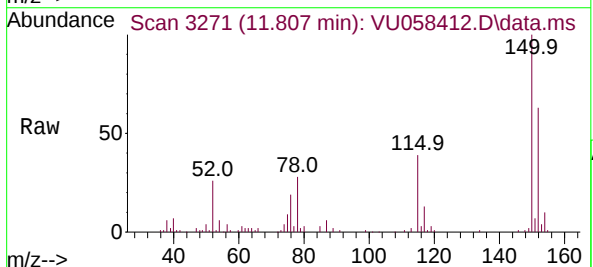
Instrument :
MSVOA_U
ClientSampleId :

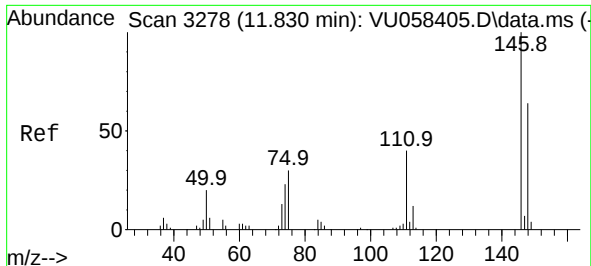
Tgt Ion: 63 Resp: 3831
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.597 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058412.D
Acq: 05 Apr 2024 12:05

Tgt Ion: 75 Resp: 6185
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 40.5 25.1 37.7#





#65

1,4-Dichlorobenzene

Concen: 0.224 ug/L

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058412.D

Acq: 05 Apr 2024 12:05

Instrument :

MSVOA_U

ClientSampleId :

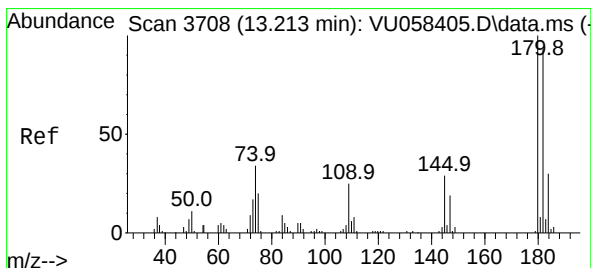
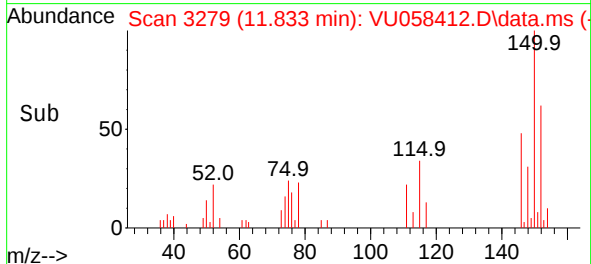
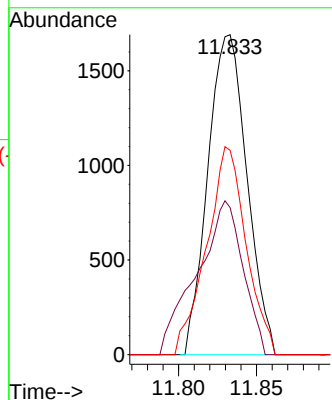
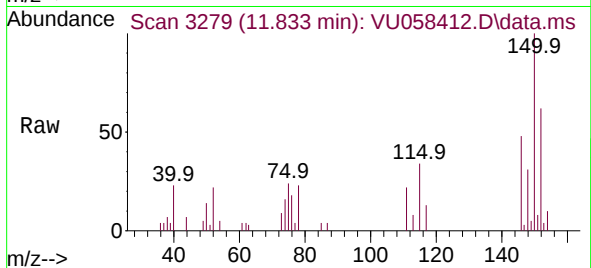
Tgt Ion:146 Resp: 2951

Ion Ratio Lower Upper

146 100

111 45.9 28.8 53.6

148 63.9 45.3 84.1



#69

1,3,5-Trichlorobenzene

Concen: 0.346 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

Lab File: VU058412.D

Acq: 05 Apr 2024 12:05

Tgt Ion:180 Resp: 3458

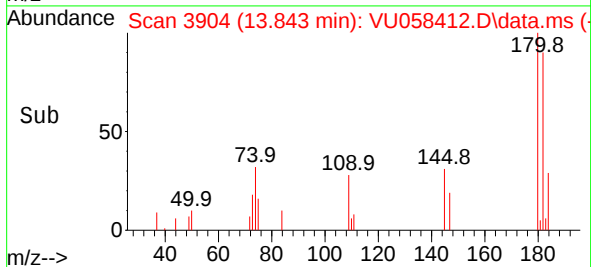
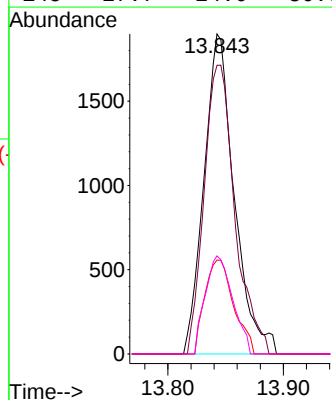
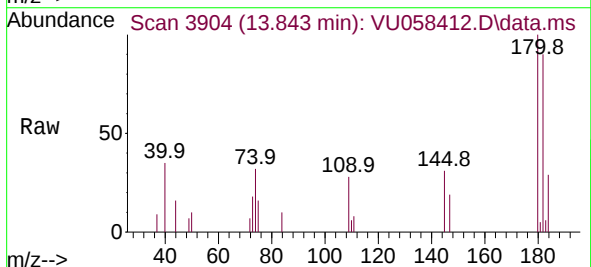
Ion Ratio Lower Upper

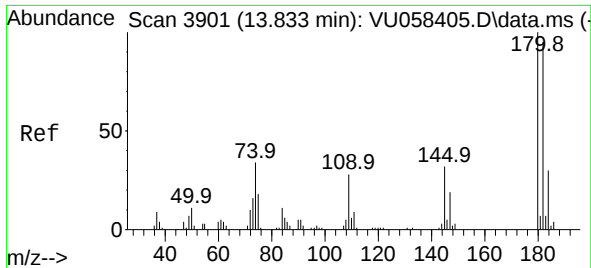
180 100

182 91.6 75.7 113.5

184 28.0 24.3 36.5

145 27.7 24.0 36.0





#70

1,2,4-trichlorobenzene

Concen: 0.449 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.009 min

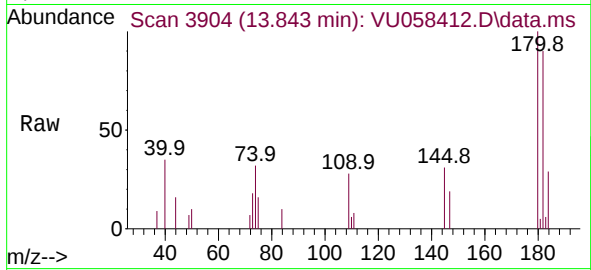
Lab File: VU058412.D

Acq: 05 Apr 2024 12:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3458

Ion Ratio Lower Upper

180 100

182 91.6 74.4 111.6

145 27.7 24.1 36.1

