

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058465.D
 Acq On : 08 Apr 2024 13:50
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:24:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

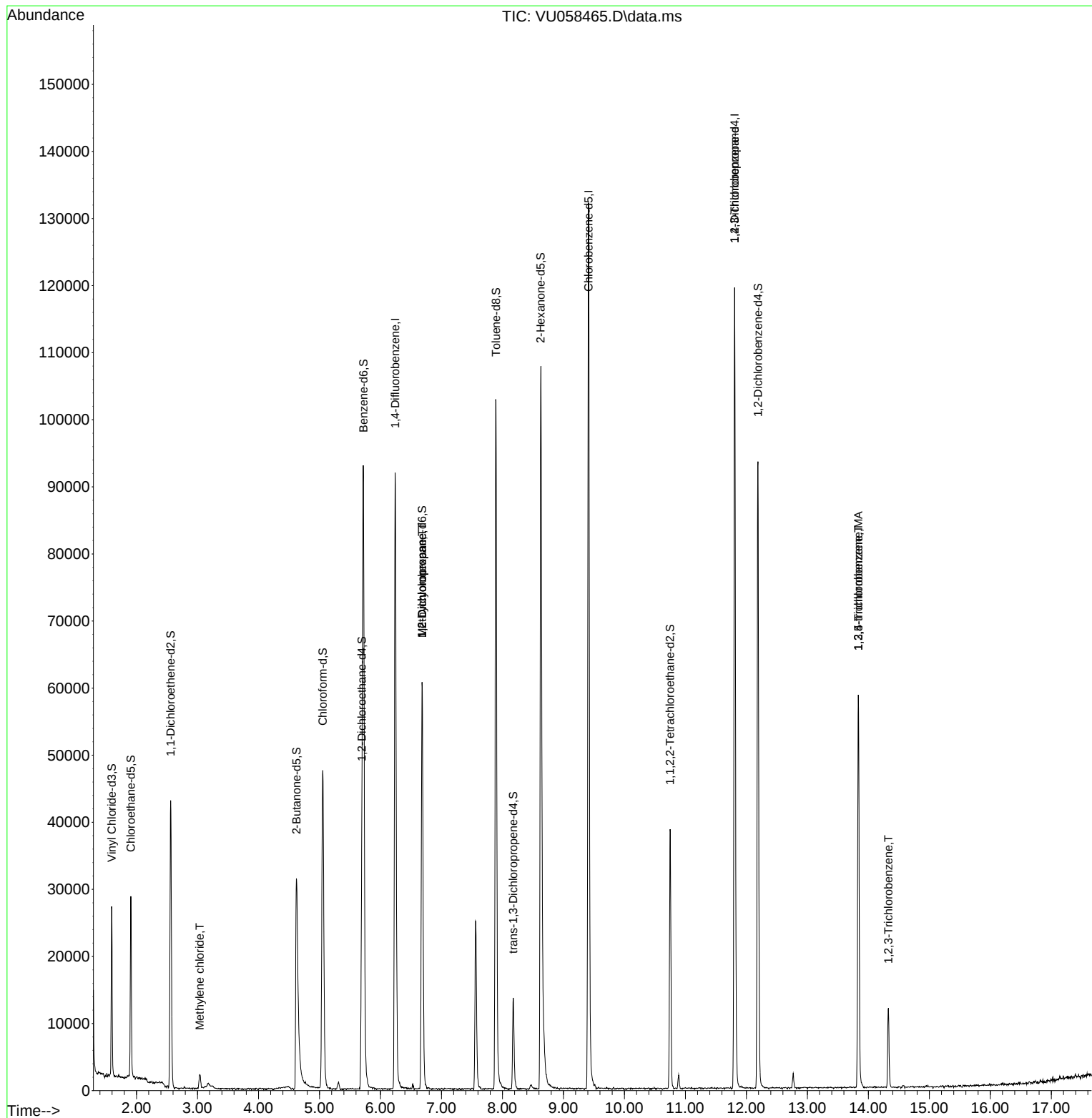
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73919	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17527	3.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	17948	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	8718	3.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	53849	52.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.420%
24) Chloroform-d	5.055	84	45758	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	22224	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	85221	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	29119	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	69756	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	8526	4.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	37527	48.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19661	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	24566	4.623	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1010	0.145	ug/L	85
35) Methylcyclohexane	6.682	83	6070	0.610	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3358	0.487	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4552	1.414	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.836	180	18449	2.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	18449	2.884	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4065	0.769	ug/L	97

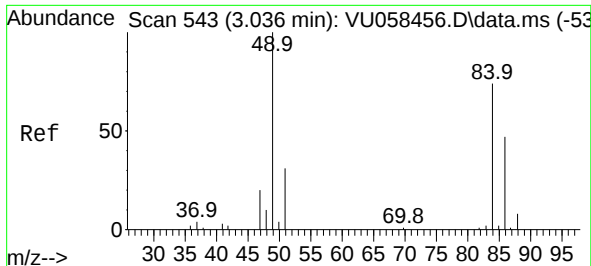
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058465.D
Acq On : 08 Apr 2024 13:50
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

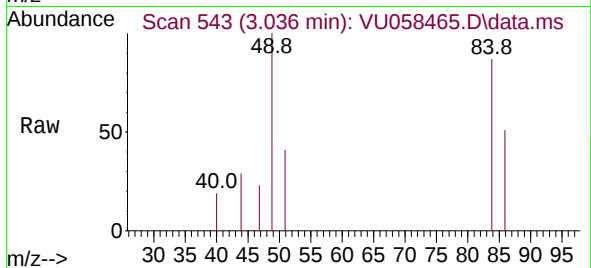
Quant Time: Apr 09 04:24:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 04:22:28 2024
Response via : Initial Calibration



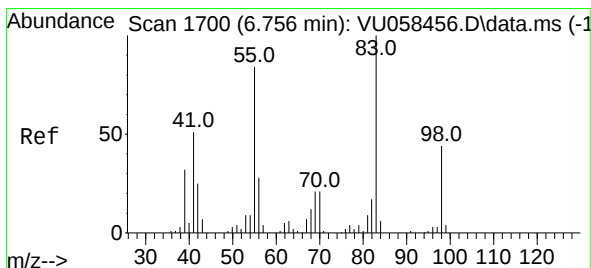
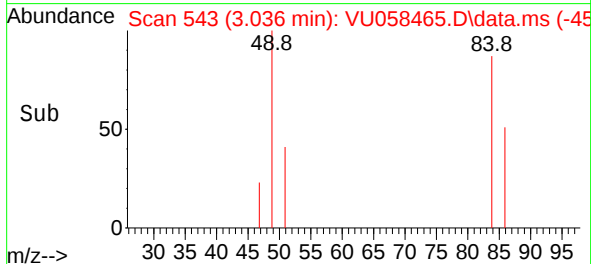
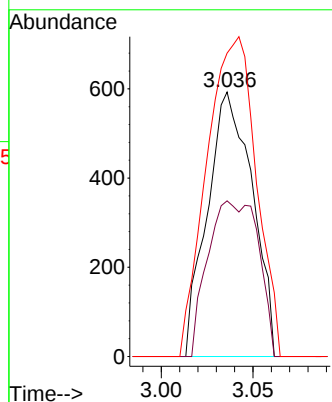


#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058465.D
Acq: 08 Apr 2024 13:50

Instrument :
MSVOA_U
ClientSampleId :

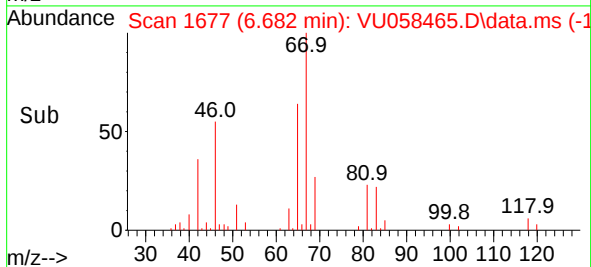
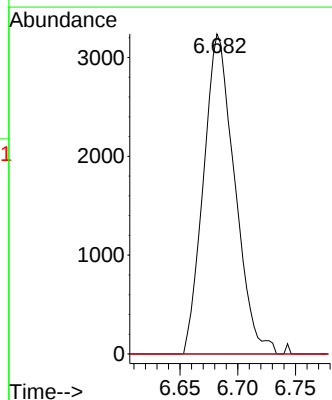
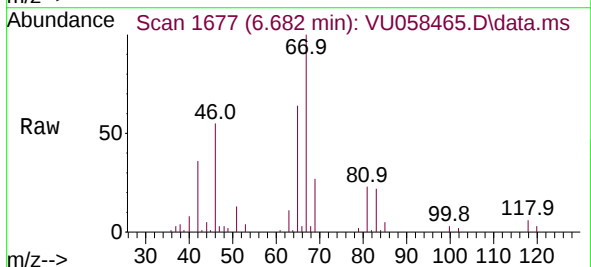


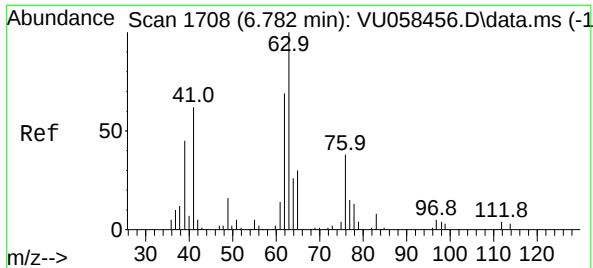
Tgt Ion: 84 Resp: 1010
Ion Ratio Lower Upper
84 100
86 58.9 44.3 82.3
49 114.7 96.0 178.2



#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058465.D
Acq: 08 Apr 2024 13:50

Tgt Ion: 83 Resp: 6070
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

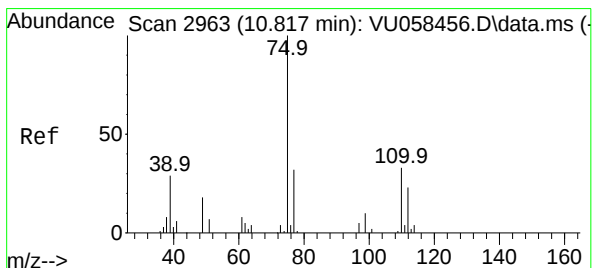
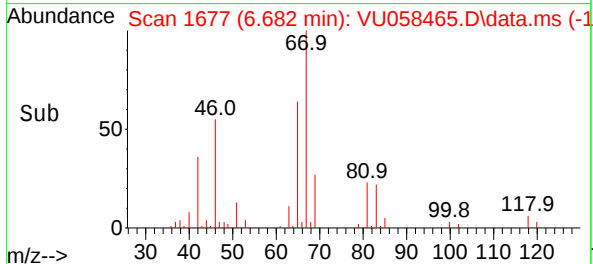
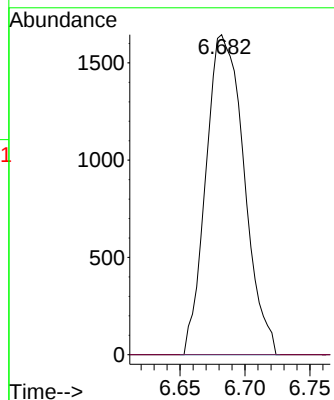
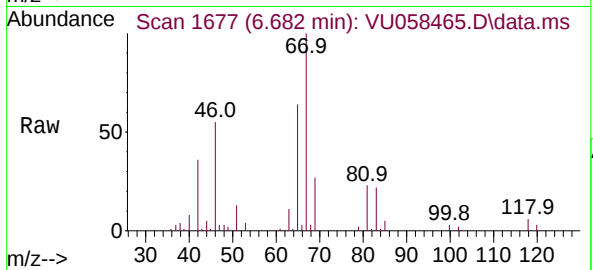




#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU058465.D
Acq: 08 Apr 2024 13:50

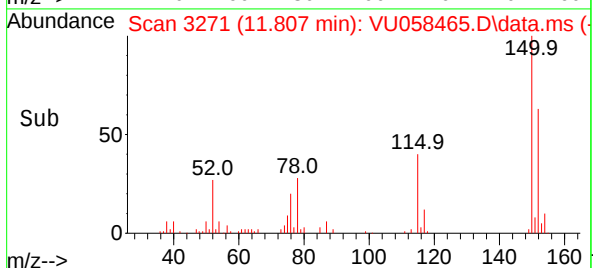
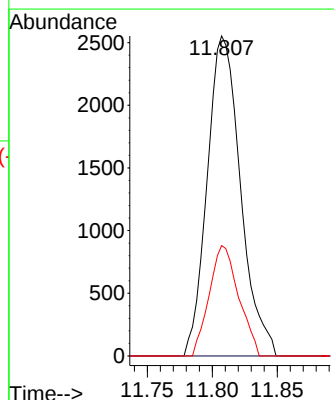
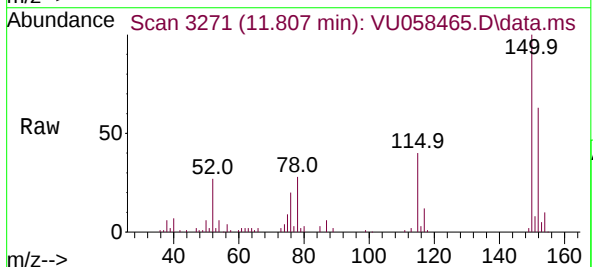
Instrument :
MSVOA_U
ClientSampleId :

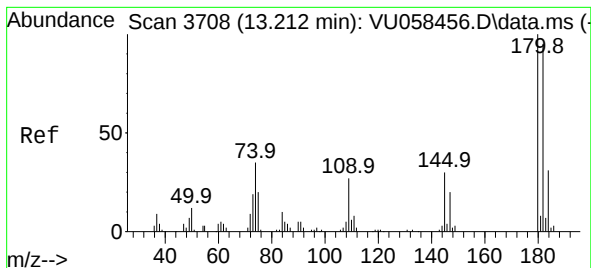
Tgt Ion: 63 Resp: 3358
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.414 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058465.D
Acq: 08 Apr 2024 13:50

Tgt Ion: 75 Resp: 4552
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.4 25.1 37.7





#69

1,3,5-Trichlorobenzene

Concen: 2.224 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.624 min

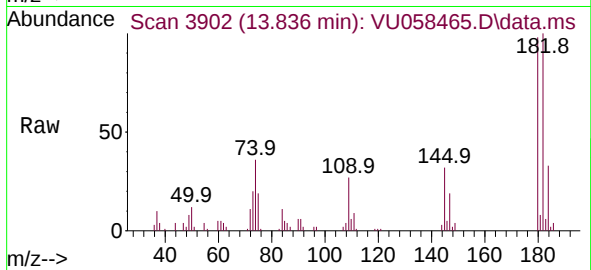
Lab File: VU058465.D

Acq: 08 Apr 2024 13:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 18449

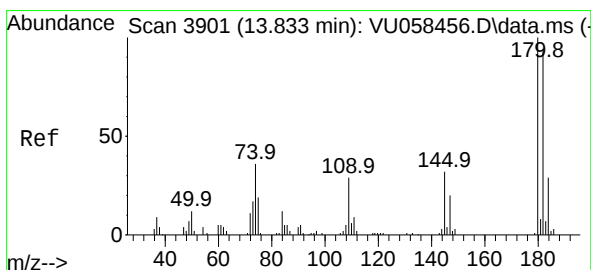
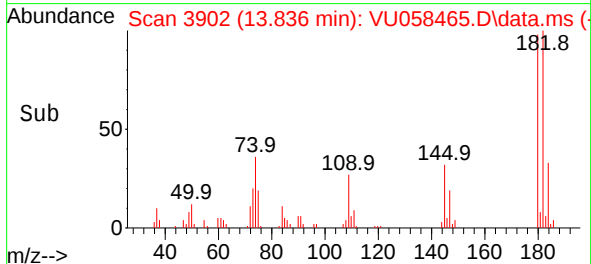
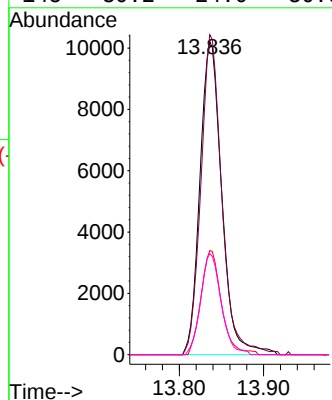
Ion Ratio Lower Upper

180 100

182 97.7 75.7 113.5

184 31.1 24.3 36.5

145 30.2 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 2.884 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058465.D

Acq: 08 Apr 2024 13:50

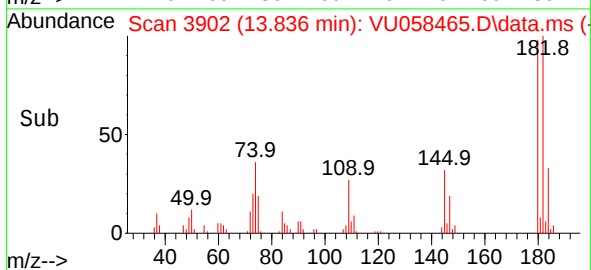
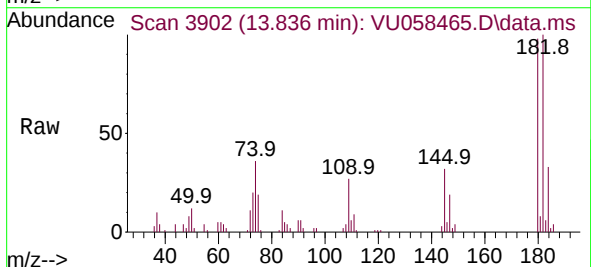
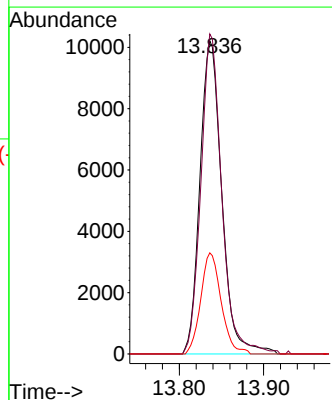
Tgt Ion:180 Resp: 18449

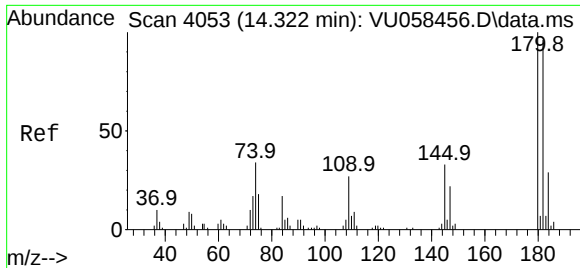
Ion Ratio Lower Upper

180 100

182 97.7 74.4 111.6

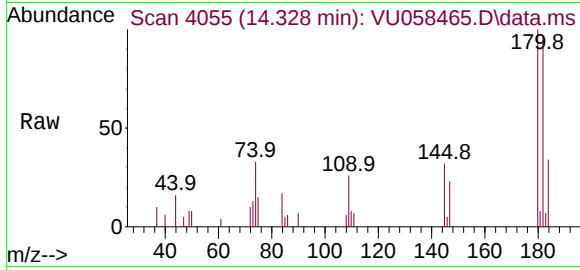
145 30.2 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.769 ug/L
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU058465.D
 Acq: 08 Apr 2024 13:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4065
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.9	113.9
145	29.4	25.2	37.8

