

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058390.D
 Acq On : 05 Apr 2024 01:08
 Operator : MD/SY
 Sample : P1970-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3

Quant Time: Apr 05 02:24:29 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)

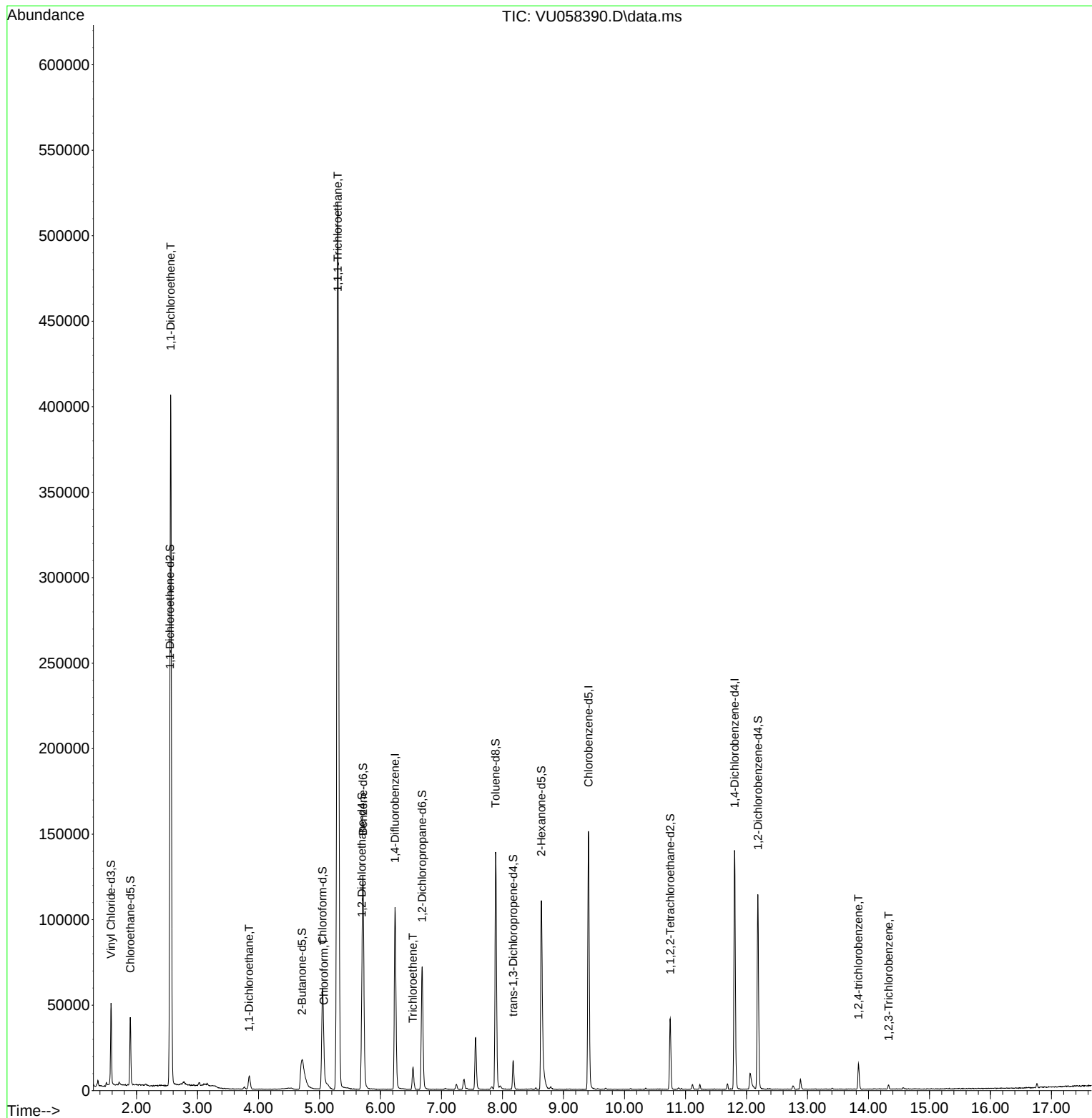
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	83131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	30725	5.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.898	69	26278	5.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.547	65	14056	5.642	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	4.714	46	52051	44.877	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.760%
24) Chloroform-d	5.049	84	53071	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	25791	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.714	84	109048	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	34371	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.888	98	91970	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	9419	4.485	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.637	63	37185	42.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20828	4.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	28522	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
12) 1,1-Dichloroethene	2.560	96	108156	18.358	ug/L	Qvalue # 81
19) 1,1-Dichloroethane	3.846	63	8986	0.667	ug/L	98
25) Chloroform	5.074	83	6324	0.485	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	366245	34.093	ug/L	99
34) Trichloroethene	6.531	95	4309	0.589	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	4747	0.650	ug/L	92
72) 1,2,3-Trichlorobenzene	14.331	180	960	0.159	ug/L	87

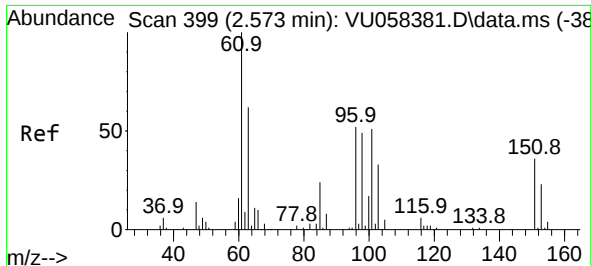
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 18.358 ug/L

RT: 2.560 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU058390.D

Acq: 05 Apr 2024 01:08

Instrument :

MSVOA_U

ClientSampleId :

C0AJ3

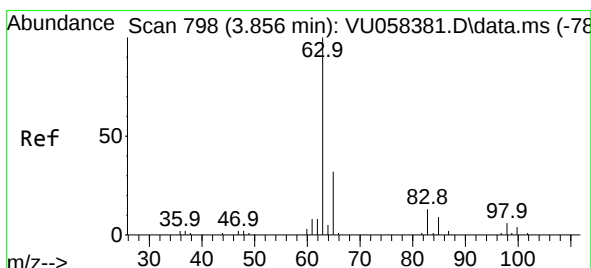
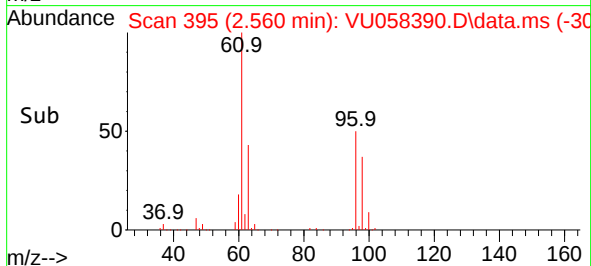
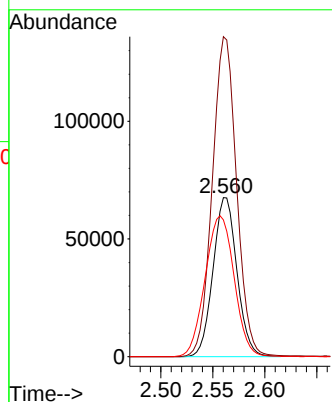
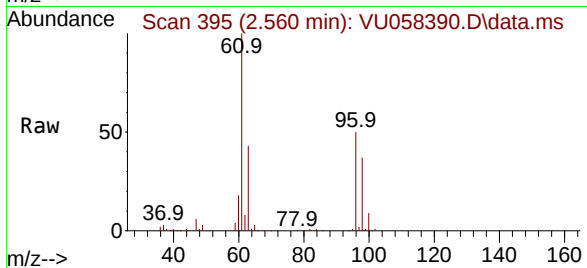
Tgt Ion: 96 Resp: 108156

Ion Ratio Lower Upper

96 100

61 201.1 132.5 246.1

63 86.0 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 0.667 ug/L

RT: 3.846 min Scan# 795

Delta R.T. -0.010 min

Lab File: VU058390.D

Acq: 05 Apr 2024 01:08

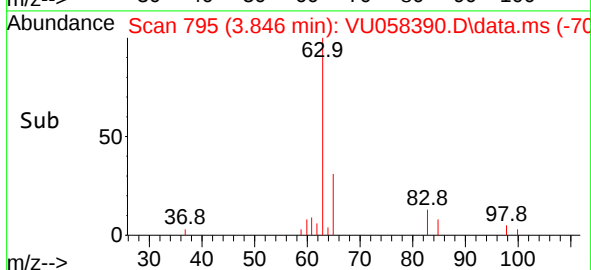
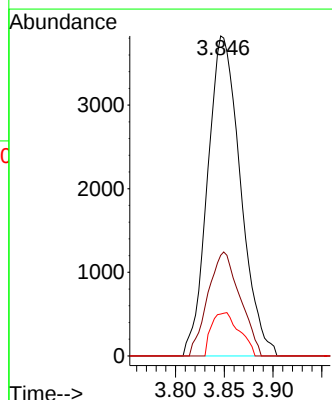
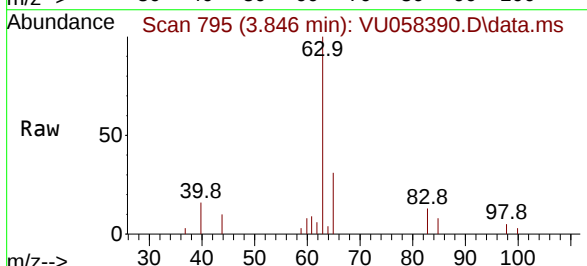
Tgt Ion: 63 Resp: 8986

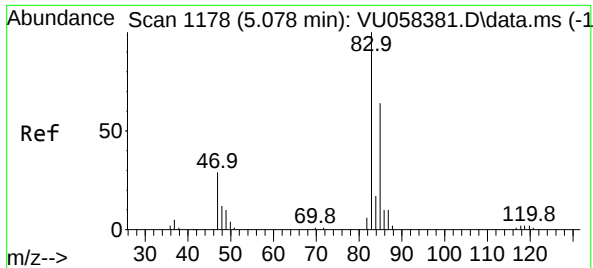
Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 13.1 9.6 17.8

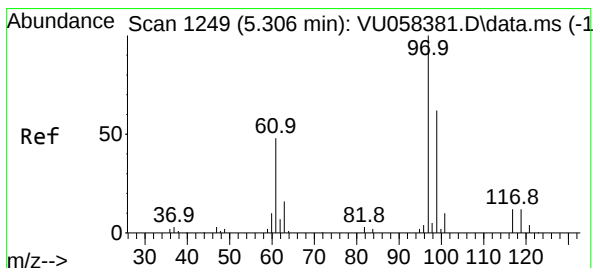
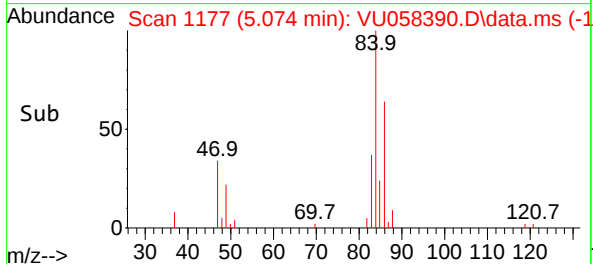
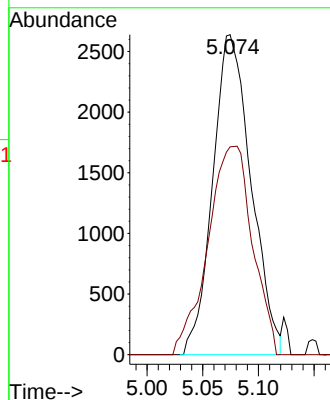
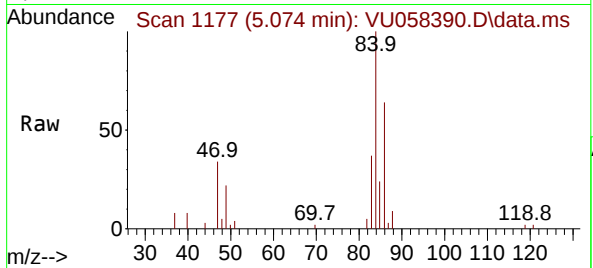




#25
Chloroform
Concen: 0.485 ug/L
RT: 5.074 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058390.D
Acq: 05 Apr 2024 01:08

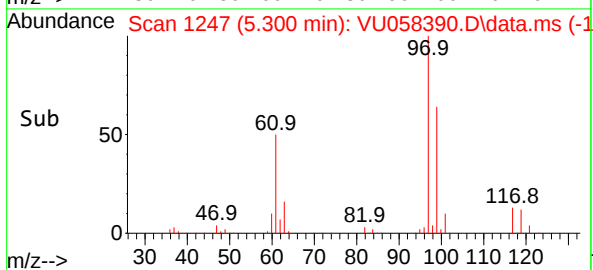
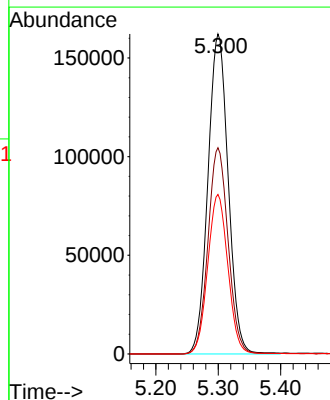
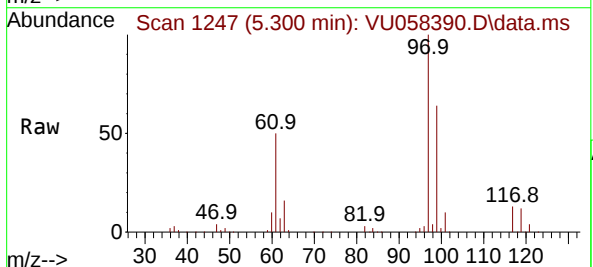
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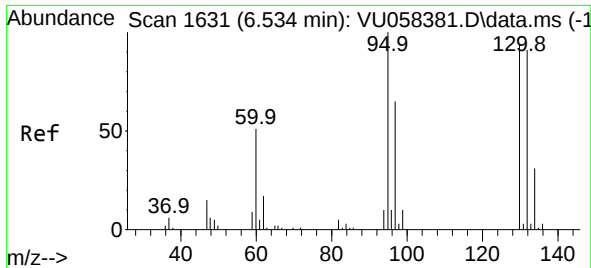
Tgt Ion: 83 Resp: 6324
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1



#29
1,1,1-Trichloroethane
Concen: 34.093 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VU058390.D
Acq: 05 Apr 2024 01:08

Tgt Ion: 97 Resp: 366245
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 49.6 39.4 59.0

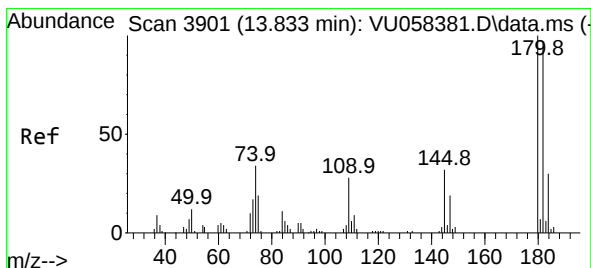
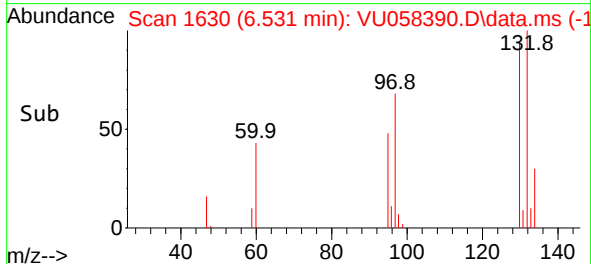
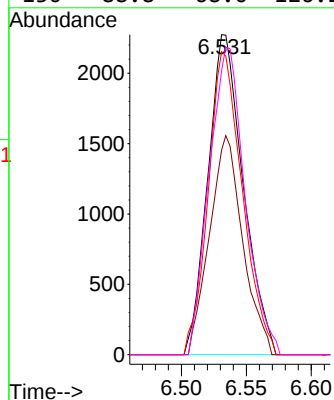
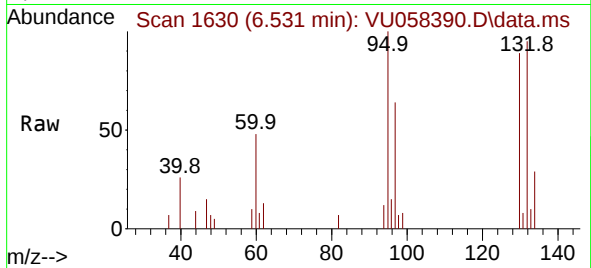




#34
Trichloroethene
Concen: 0.589 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058390.D
Acq: 05 Apr 2024 01:08

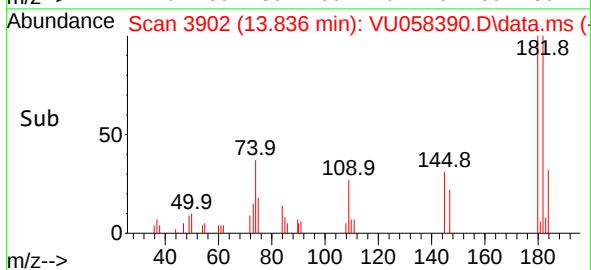
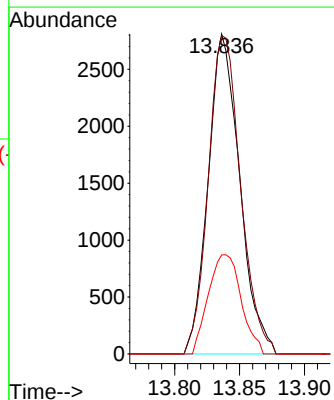
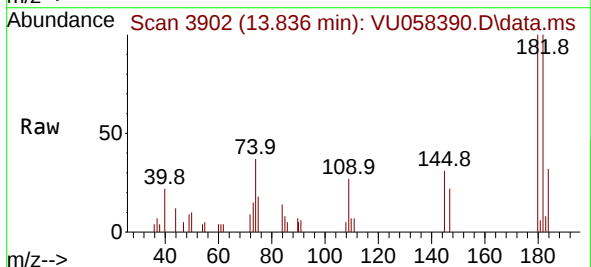
Instrument :
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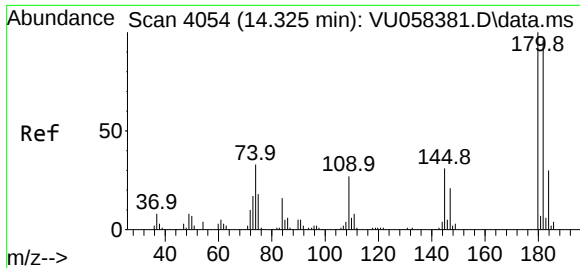
Tgt Ion: 95 Resp: 4309
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.6
132 94.7 64.8 120.3
130 88.8 68.0 126.2



#70
1,2,4-trichlorobenzene
Concen: 0.650 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU058390.D
Acq: 05 Apr 2024 01:08

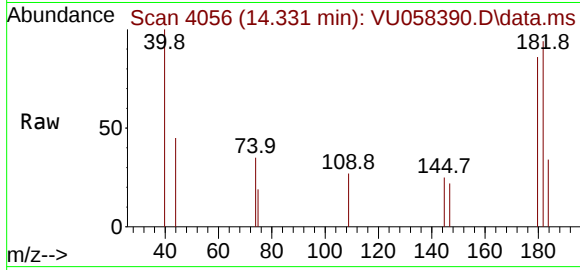
Tgt Ion:180 Resp: 4747
Ion Ratio Lower Upper
180 100
182 101.7 74.4 111.6
145 32.3 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.159 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU058390.D
 Acq: 05 Apr 2024 01:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ3



Tgt Ion:	180	Resp:	960
Ion	Ratio	Lower	Upper
180	100		
182	108.1	75.9	113.9
145	25.9	25.2	37.8

