

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058420.D
 Acq On : 05 Apr 2024 15:36
 Operator : MD/SY
 Sample : P1925-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:36:43 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)

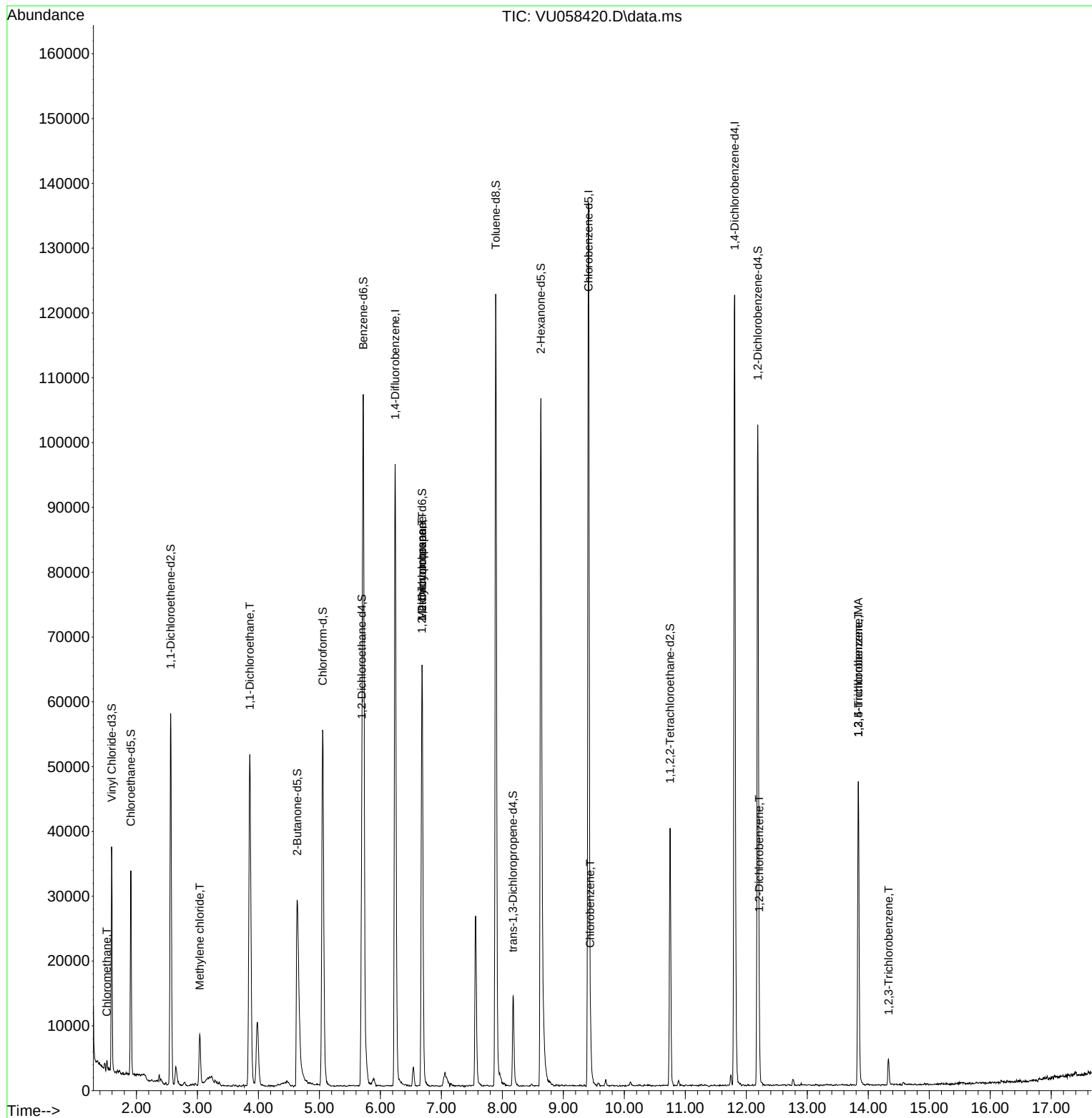
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75202	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23438	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.908	69	21563	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	11125	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.634	46	55439	51.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	5.052	84	50445	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.695	65	24471	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.718	84	99020	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	31909	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	82328	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	8896	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.631	63	37453	46.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20078	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	26924	4.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1150	0.145	ug/L	96
16) Methylene chloride	3.036	84	3604	0.494	ug/L	99
19) 1,1-Dichloroethane	3.859	63	60749	4.829	ug/L	99
35) Methylcyclohexane	6.682	83	6896	0.666	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3388	0.472	ug/L #	90
51) Chlorobenzene	9.441	112	2875	0.166	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	1805	0.171	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.836	180	15369	1.794	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	15369	2.327	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	1636	0.300	ug/L	96

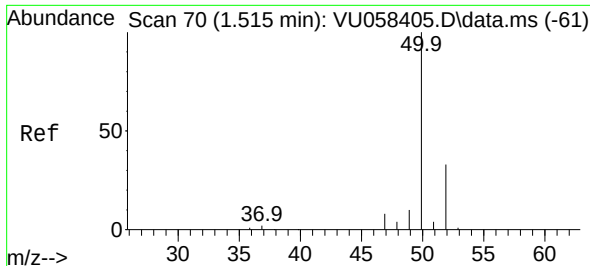
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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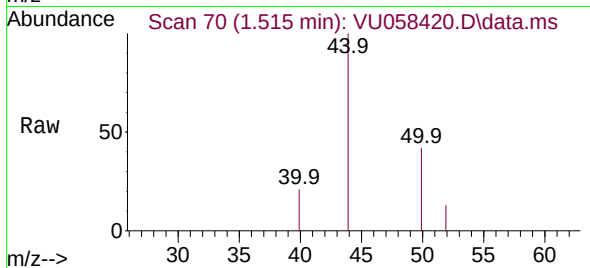
Quant Time: Apr 05 23:36:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
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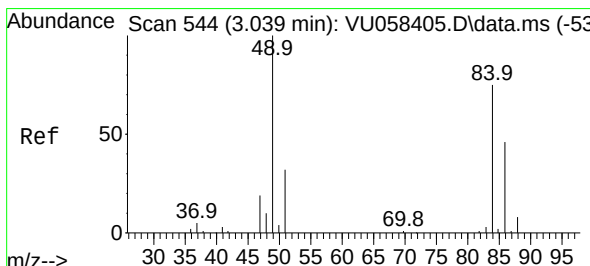
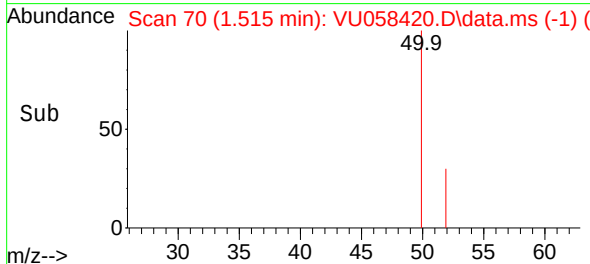
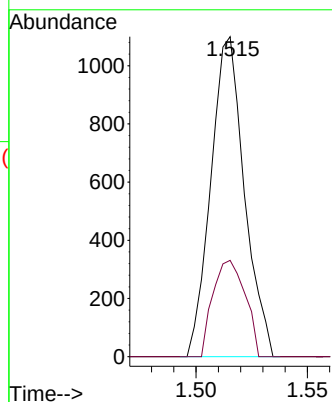


#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058420.D
Acq: 05 Apr 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :

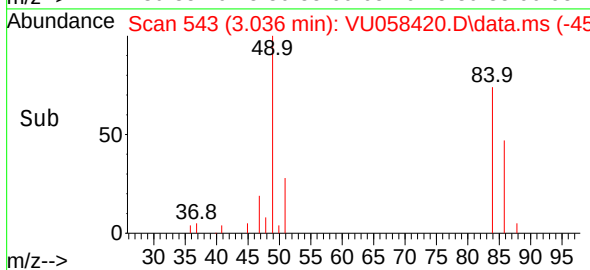
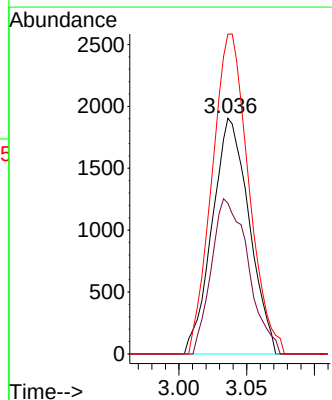
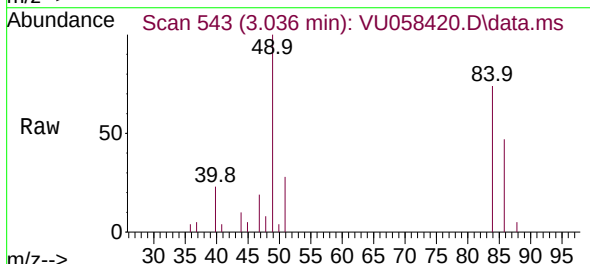


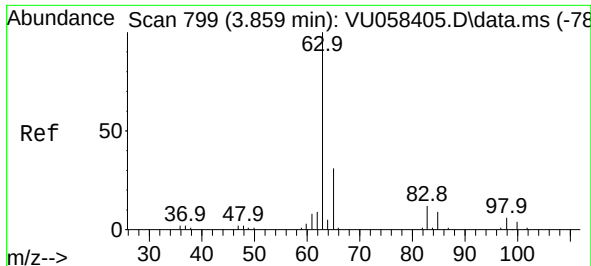
Tgt Ion: 50 Resp: 1150
Ion Ratio Lower Upper
50 100
52 30.1 22.6 42.0



#16
Methylene chloride
Concen: 0.494 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU058420.D
Acq: 05 Apr 2024 15:36

Tgt Ion: 84 Resp: 3604
Ion Ratio Lower Upper
84 100
86 63.9 44.3 82.3
49 135.6 96.0 178.2





#19

1,1-Dichloroethane

Concen: 4.829 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058420.D

Acq: 05 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

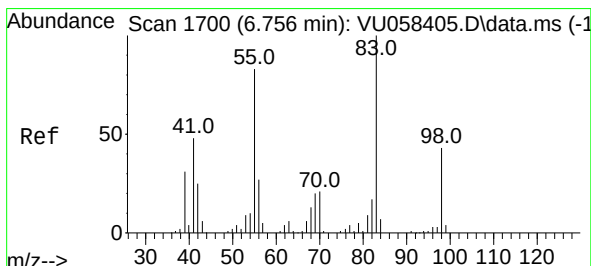
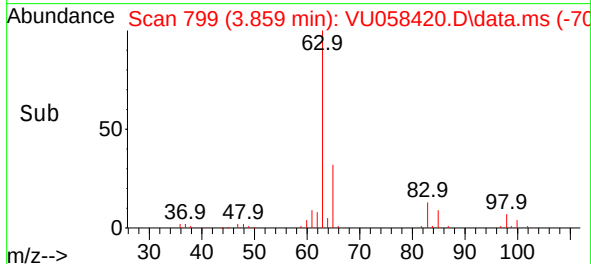
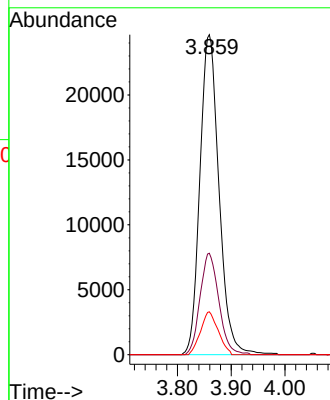
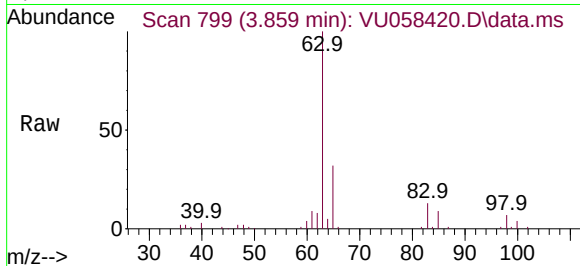
Tgt Ion: 63 Resp: 60749

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 13.4 9.6 17.8



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058420.D

Acq: 05 Apr 2024 15:36

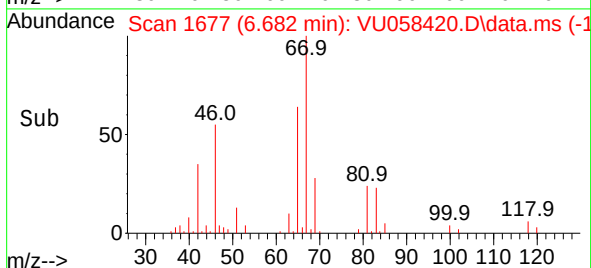
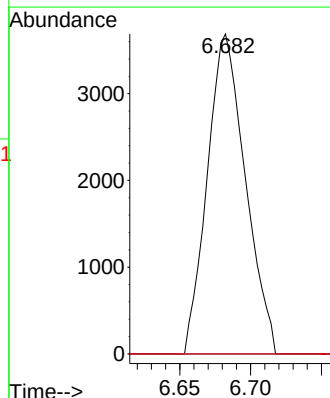
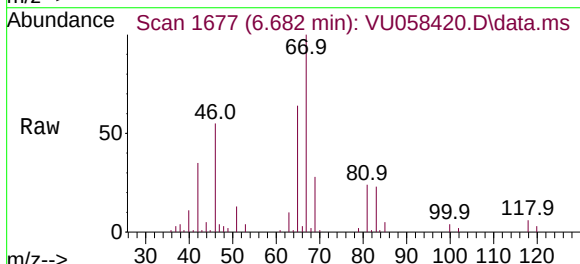
Tgt Ion: 83 Resp: 6896

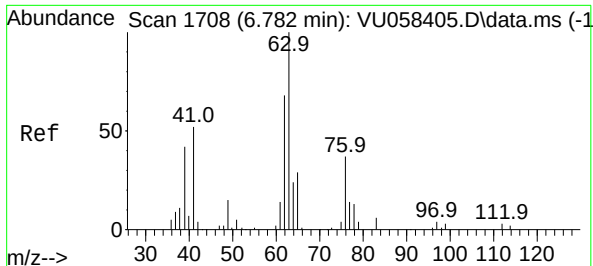
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

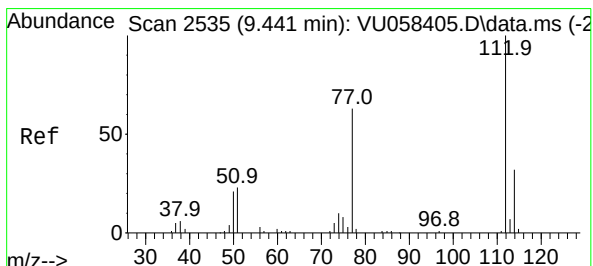
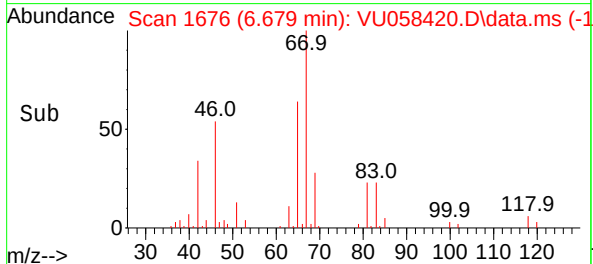
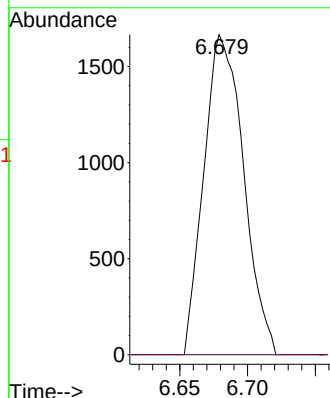
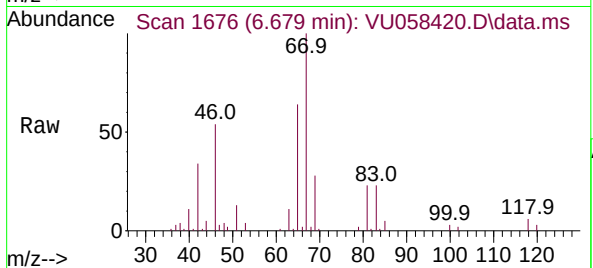




#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058420.D
Acq: 05 Apr 2024 15:36

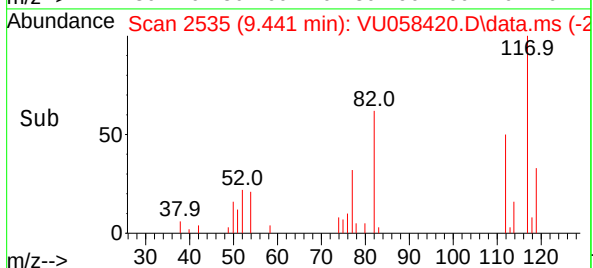
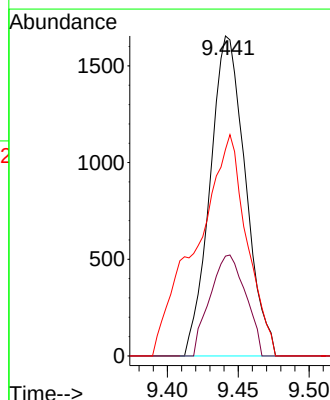
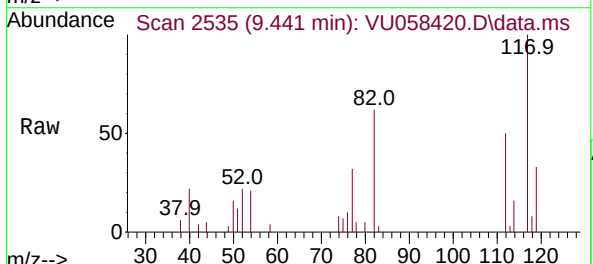
Instrument :
MSVOA_U
ClientSampleId :

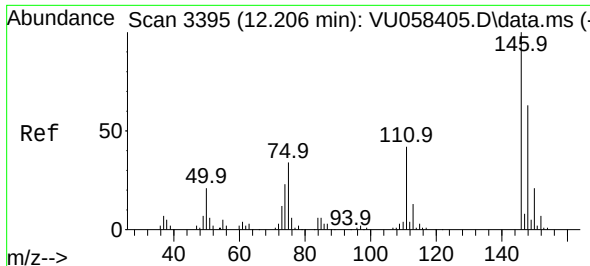
Tgt Ion: 63 Resp: 3388
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 0.166 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058420.D
Acq: 05 Apr 2024 15:36

Tgt Ion: 112 Resp: 2875
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 64.5 50.1 75.1





#67

1,2-Dichlorobenzene

Concen: 0.171 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058420.D

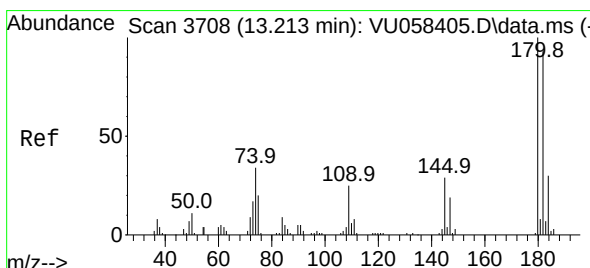
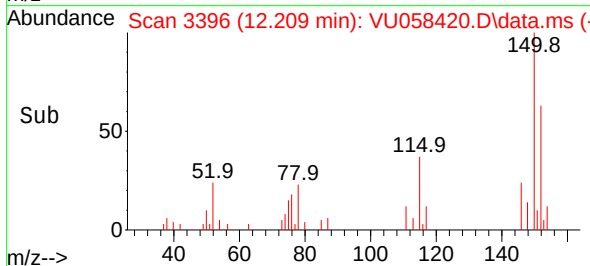
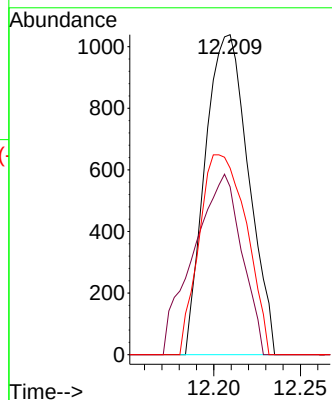
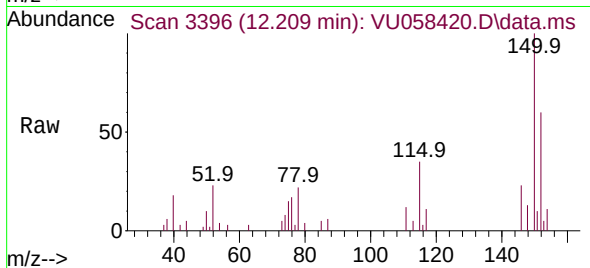
Acq: 05 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	1805
Ion Ratio	Lower	Upper
146	100	
111	52.5	35.0 52.4#
148	58.3	52.5 78.7



#69

1,3,5-Trichlorobenzene

Concen: 1.794 ug/L

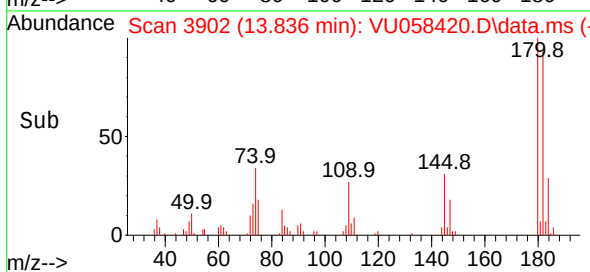
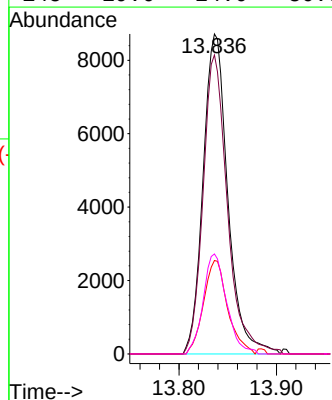
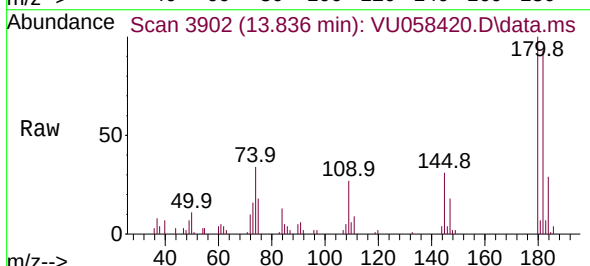
RT: 13.836 min Scan# 3902

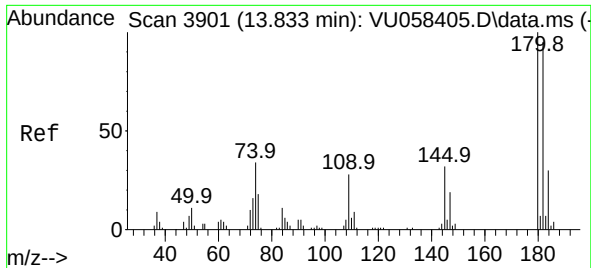
Delta R.T. 0.624 min

Lab File: VU058420.D

Acq: 05 Apr 2024 15:36

Tgt Ion:180	Resp:	15369
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.7 113.5
184	28.5	24.3 36.5
145	29.6	24.0 36.0





#70

1,2,4-trichlorobenzene

Concen: 2.327 ug/L

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU058420.D

Acq: 05 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

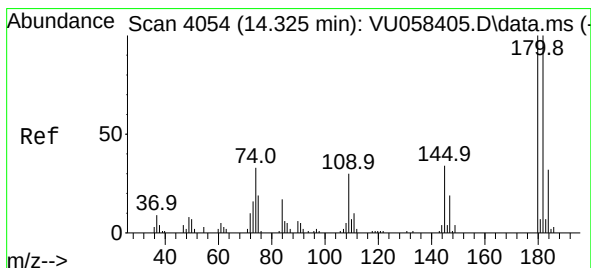
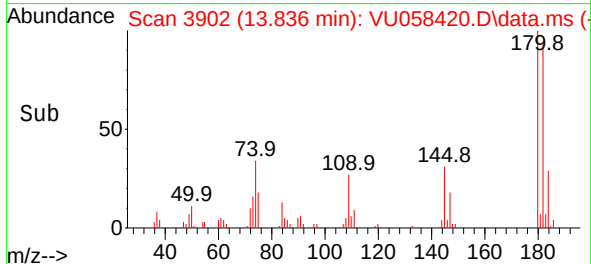
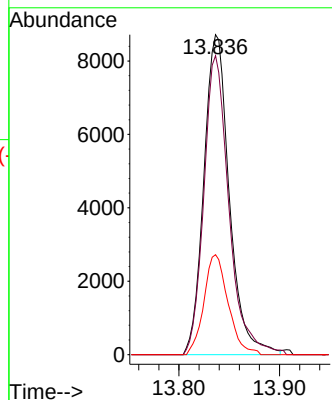
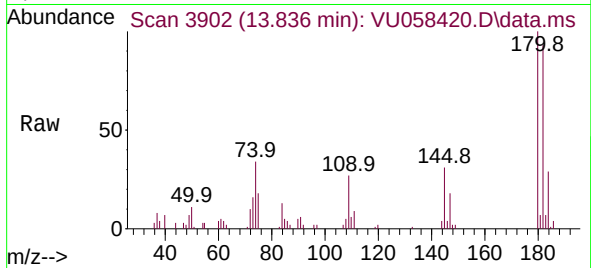
Tgt Ion:180 Resp: 15369

Ion Ratio Lower Upper

180 100

182 92.0 74.4 111.6

145 29.6 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 0.300 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU058420.D

Acq: 05 Apr 2024 15:36

Tgt Ion:180 Resp: 1636

Ion Ratio Lower Upper

180 100

182 98.6 75.9 113.9

145 28.9 25.2 37.8

