

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059678.D
 Acq On : 01 Jul 2024 12:34
 Operator : MD/SY
 Sample : P3059-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:38:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

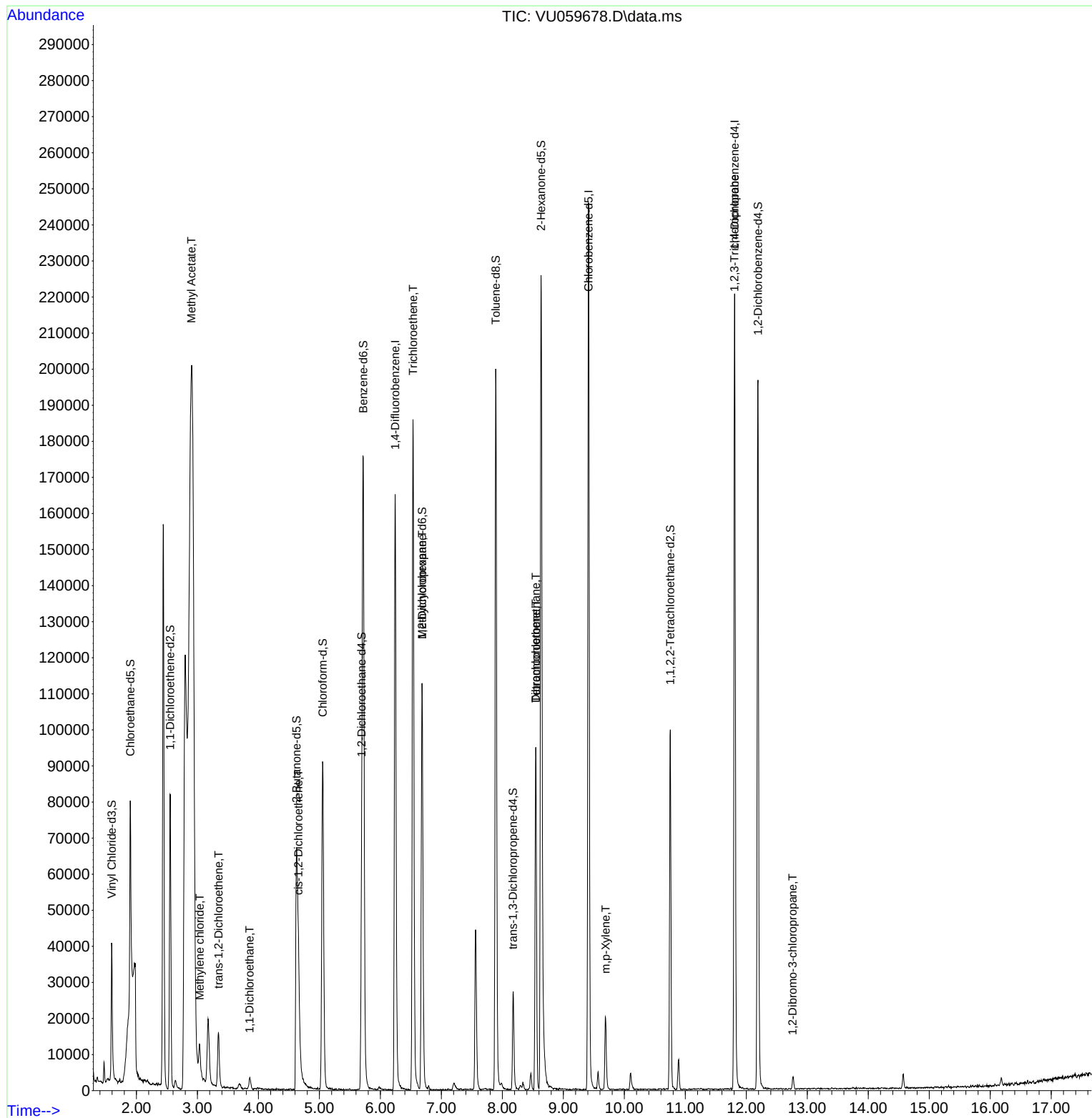
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32196	3.245	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.898	69	45185	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.551	65	14862	3.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.624	46	103823	50.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.620%
24) Chloroform-d	5.052	84	88156	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.692	65	44839	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	173741	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	57614	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	143299	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.174	79	16848	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.634	63	86825	54.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51892	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	56126	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
15) Methyl Acetate	2.901	43	144260	41.240	ug/L #	51
16) Methylene chloride	3.036	84	4188	0.349	ug/L	93
18) trans-1,2-Dichloroethene	3.345	96	7084	0.673	ug/L	89
19) 1,1-Dichloroethane	3.856	63	3639	0.188	ug/L	88
22) cis-1,2-Dichloroethene	4.657	96	9345	0.806	ug/L	94
34) Trichloroethene	6.534	95	63611	5.323	ug/L	96
35) Methylcyclohexane	6.682	83	12910	0.759	ug/L #	21
47) Tetrachloroethene	8.547	164	22329	2.408	ug/L	97
49) Dibromochloromethane	8.547	129	20578	2.207	ug/L #	12
53) m,p-Xylene	9.692	106	6288	0.342	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	7232	1.230	ug/L #	70
68) 1,2-Dibromo-3-chloropr...	12.756	75	75	0.065	ug/L #	6

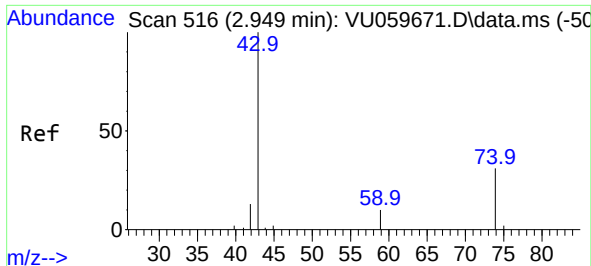
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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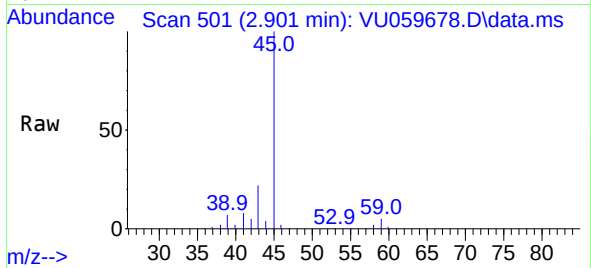
Quant Time: Jul 02 01:38:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration



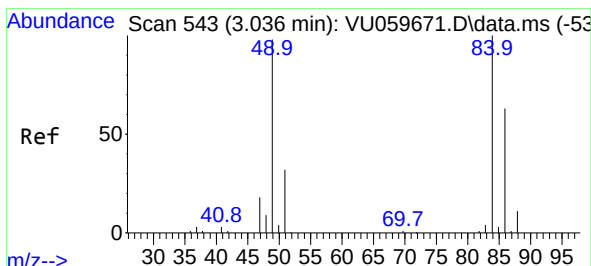
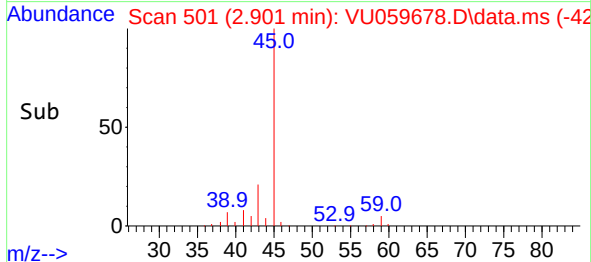
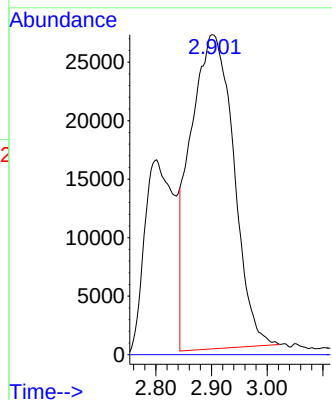


#15
Methyl Acetate
Concen: 41.240 ug/L
RT: 2.901 min Scan# 501
Delta R.T. -0.048 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

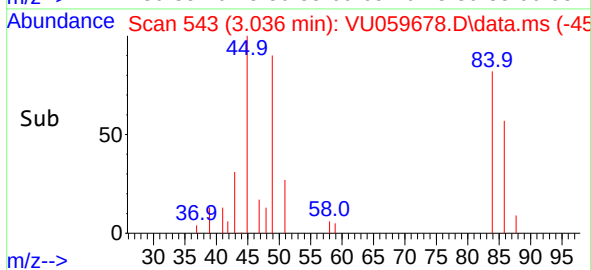
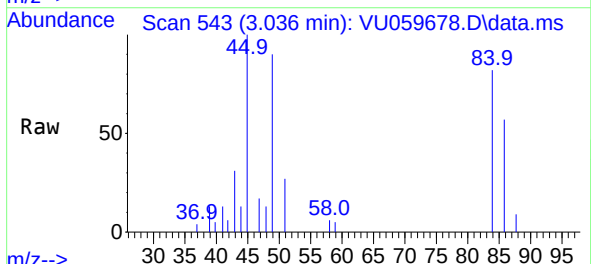
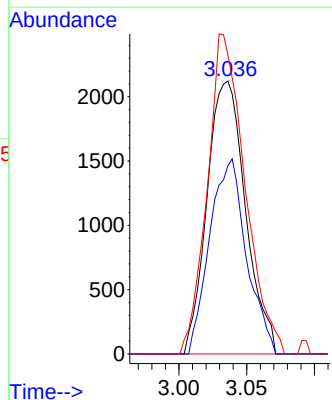


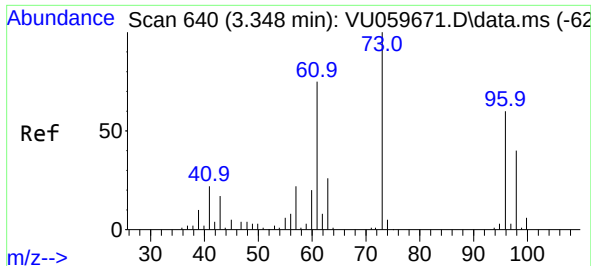
Tgt Ion: 43 Resp: 144260
Ion Ratio Lower Upper
43 100
74 0.1 19.2 28.8#



#16
Methylene chloride
Concen: 0.349 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34

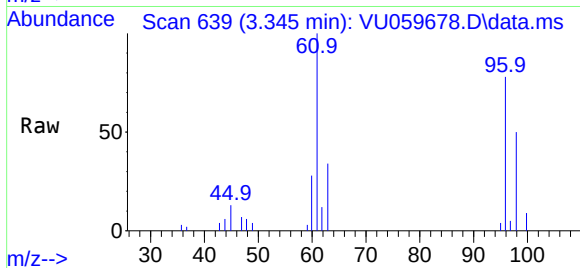
Tgt Ion: 84 Resp: 4188
Ion Ratio Lower Upper
84 100
86 69.0 42.1 78.1
49 109.6 80.6 149.8





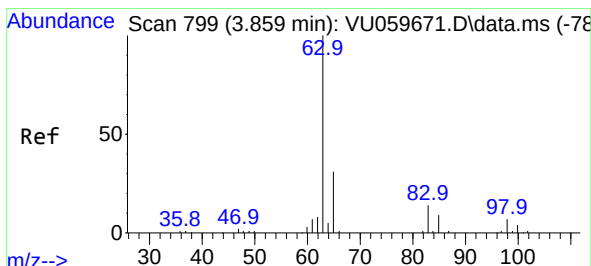
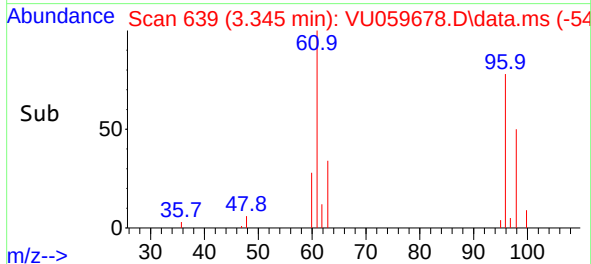
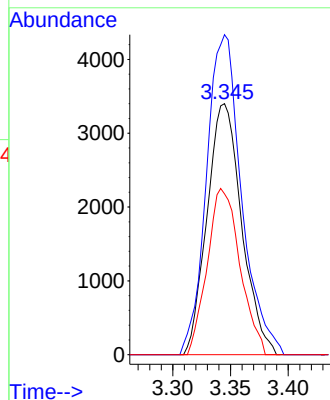
#18
trans-1,2-Dichloroethene
Concen: 0.673 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 7084

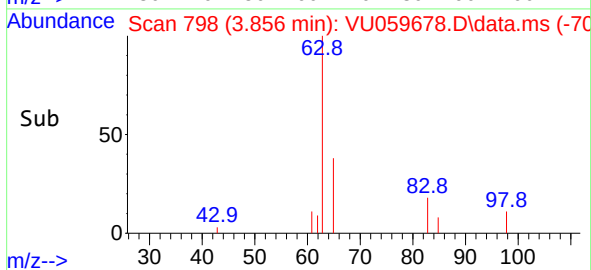
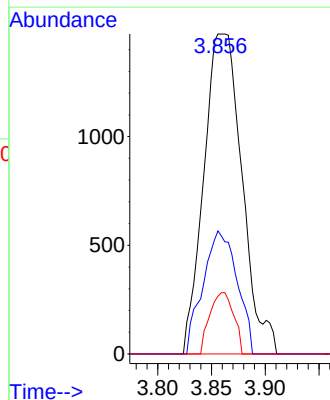
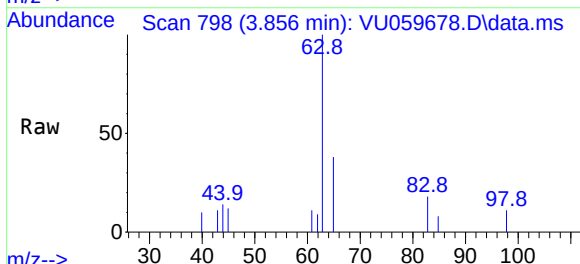
Ion	Ratio	Lower	Upper
96	100		
61	127.5	101.8	189.0
98	64.1	43.3	80.5

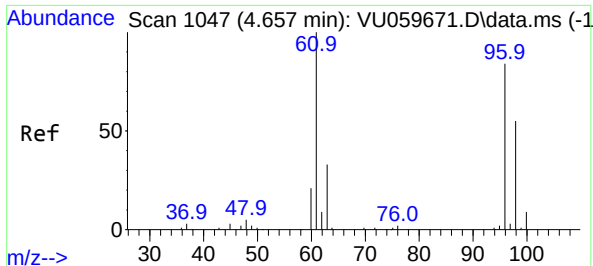


#19
1,1-Dichloroethane
Concen: 0.188 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34

Tgt Ion: 63 Resp: 3639

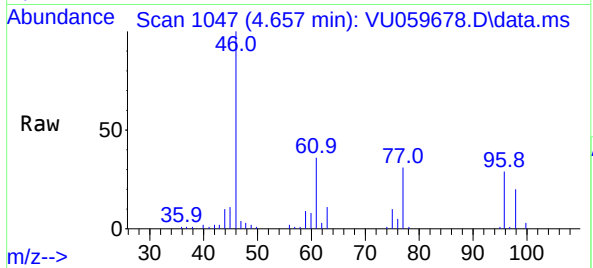
Ion	Ratio	Lower	Upper
63	100		
65	38.5	21.8	40.6
83	18.1	9.9	18.5





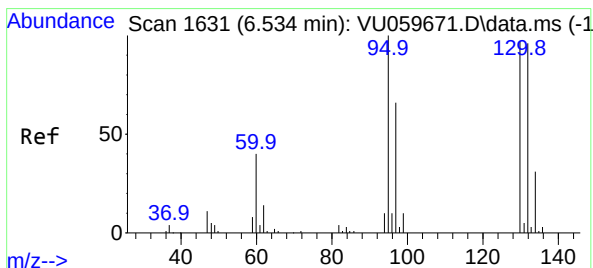
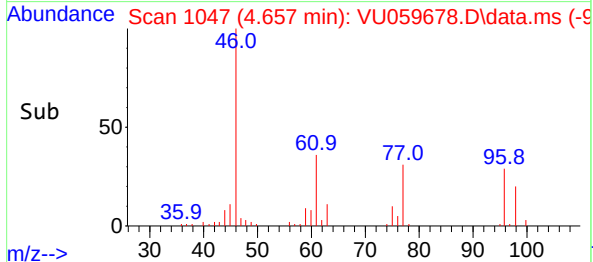
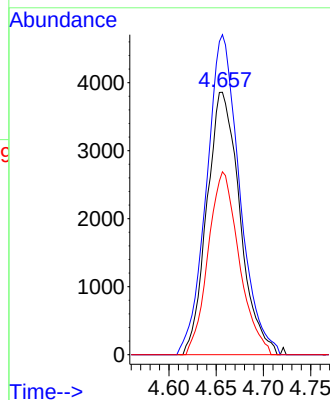
#22
 cis-1,2-Dichloroethene
 Concen: 0.806 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059678.D
 Acq: 01 Jul 2024 12:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 9345

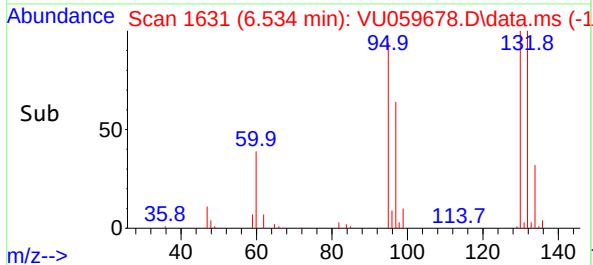
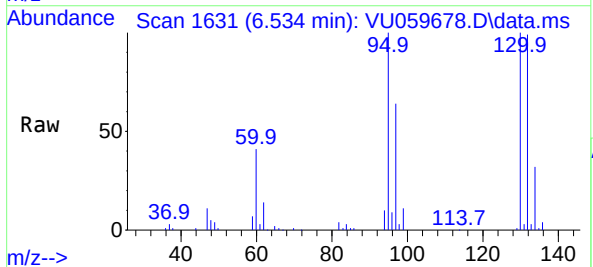
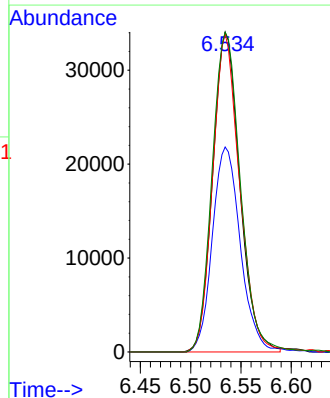
Ion	Ratio	Lower	Upper
96	100		
61	121.9	87.4	162.2
98	69.7	42.3	78.5

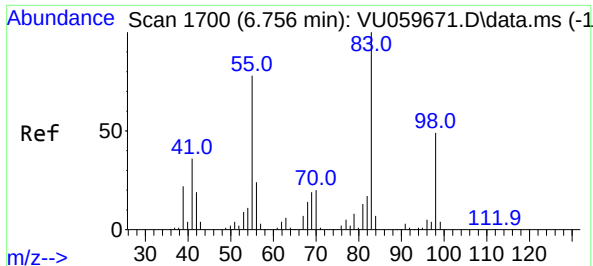


#34
 Trichloroethene
 Concen: 5.323 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU059678.D
 Acq: 01 Jul 2024 12:34

Tgt Ion: 95 Resp: 63611

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.3	84.1
132	99.4	64.0	119.0
130	99.9	69.1	128.3





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059678.D

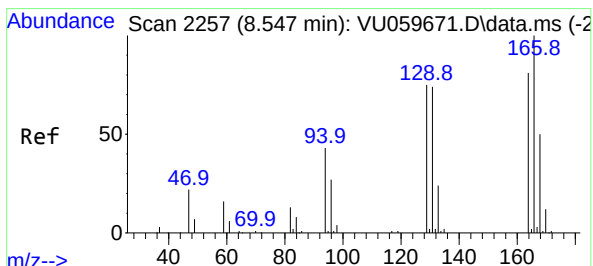
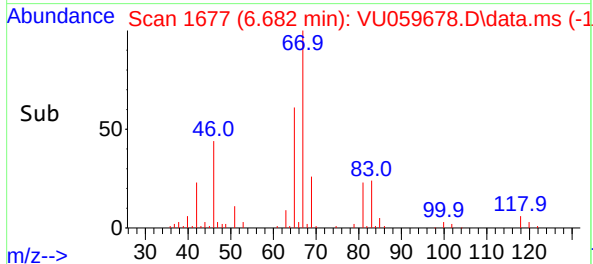
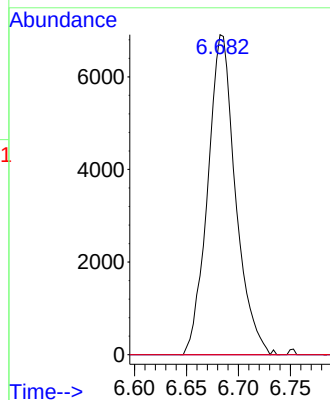
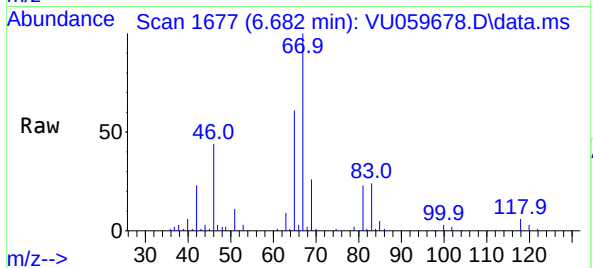
Acq: 01 Jul 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12910
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 4.9	35.4 53.0#



#47

Tetrachloroethene

Concen: 2.408 ug/L

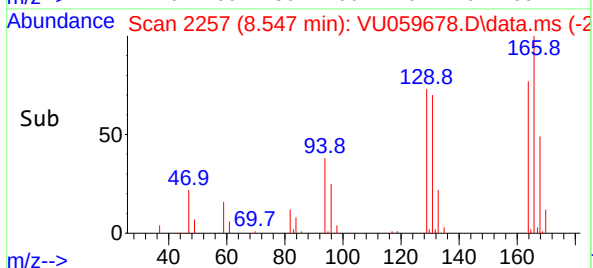
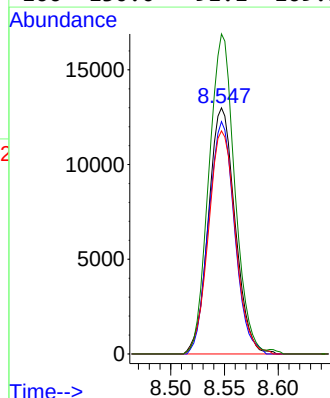
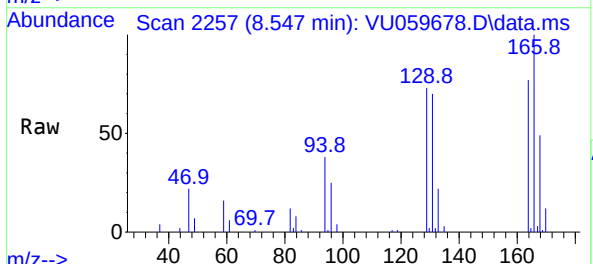
RT: 8.547 min Scan# 2257

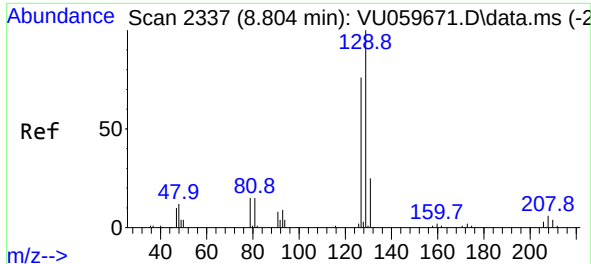
Delta R.T. 0.000 min

Lab File: VU059678.D

Acq: 01 Jul 2024 12:34

Tgt Ion: 164	Resp: 22329
Ion Ratio	Lower Upper
164 100	
129 94.4	70.8 131.4
131 90.6	64.8 120.3
166 130.0	91.1 169.1





#49

Dibromochloromethane

Concen: 2.207 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059678.D

Acq: 01 Jul 2024 12:34

Instrument :

MSVOA_U

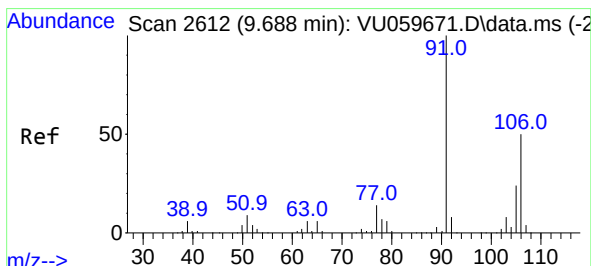
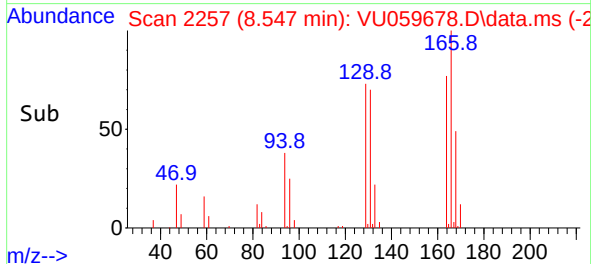
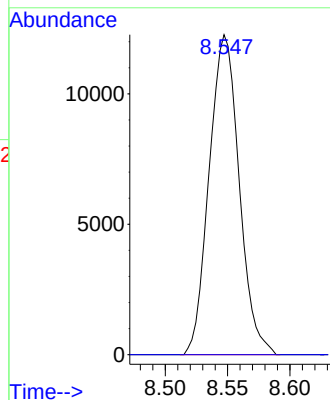
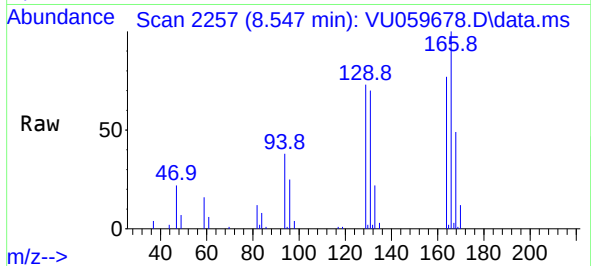
ClientSampleId :

Tgt Ion:129 Resp: 20578

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#53

m,p-Xylene

Concen: 0.342 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059678.D

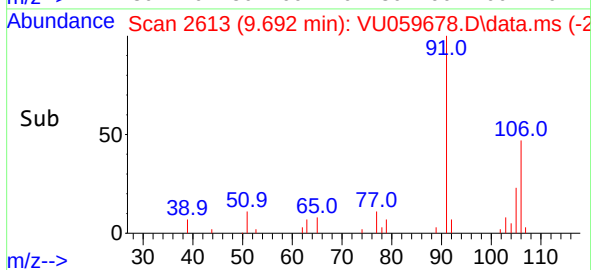
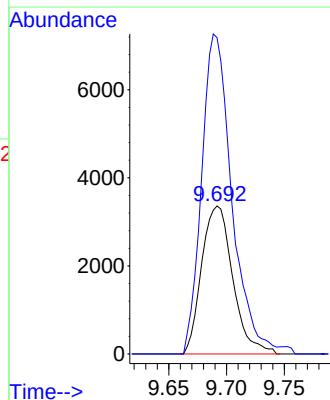
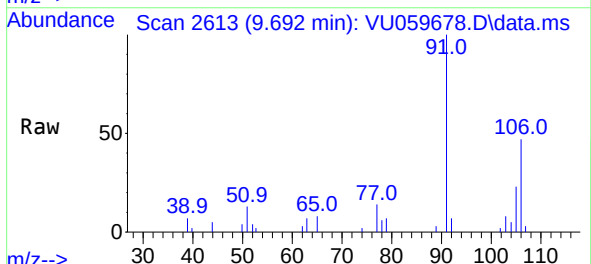
Acq: 01 Jul 2024 12:34

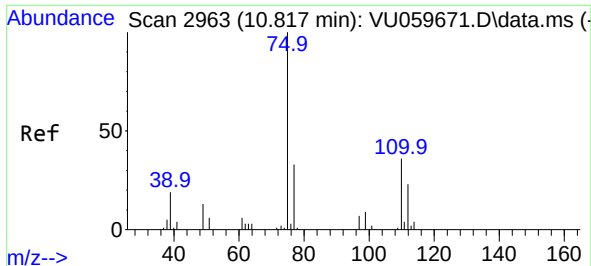
Tgt Ion:106 Resp: 6288

Ion Ratio Lower Upper

106 100

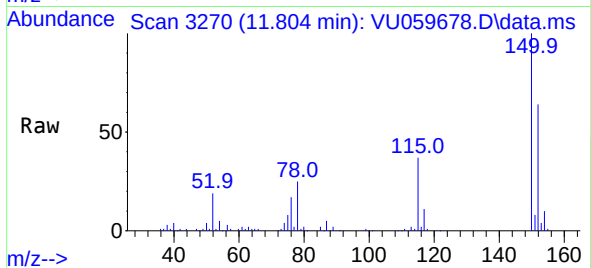
91 213.8 142.0 263.8



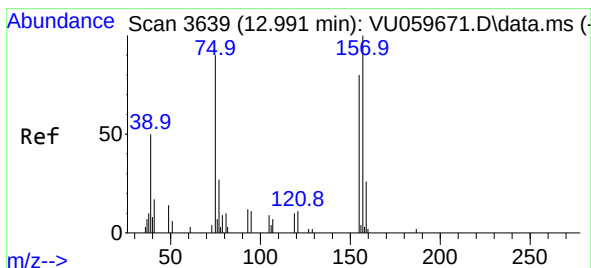
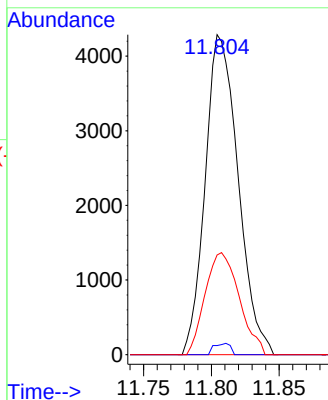
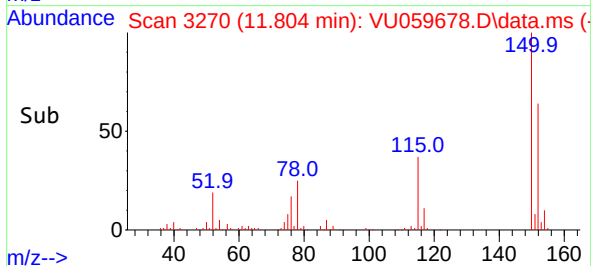


#61
1,2,3-Trichloropropane
Concen: 1.230 ug/L
RT: 11.804 min Scan# 311
Delta R.T. 0.987 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34

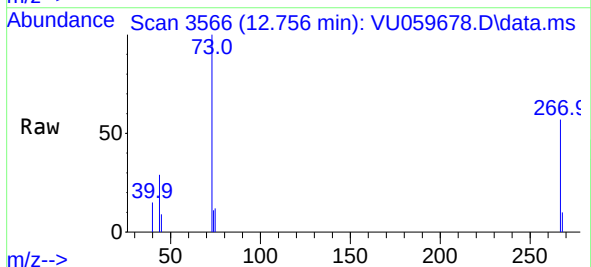
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7232
Ion Ratio Lower Upper
75 100
110 1.7 27.1 40.7#
77 33.0 25.4 38.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.065 ug/L
RT: 12.756 min Scan# 3566
Delta R.T. -0.235 min
Lab File: VU059678.D
Acq: 01 Jul 2024 12:34



Tgt Ion: 75 Resp: 75
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#

