

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058199.D
 Acq On : 22 Mar 2024 18:22
 Operator : MD/SY
 Sample : P1796-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:47:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

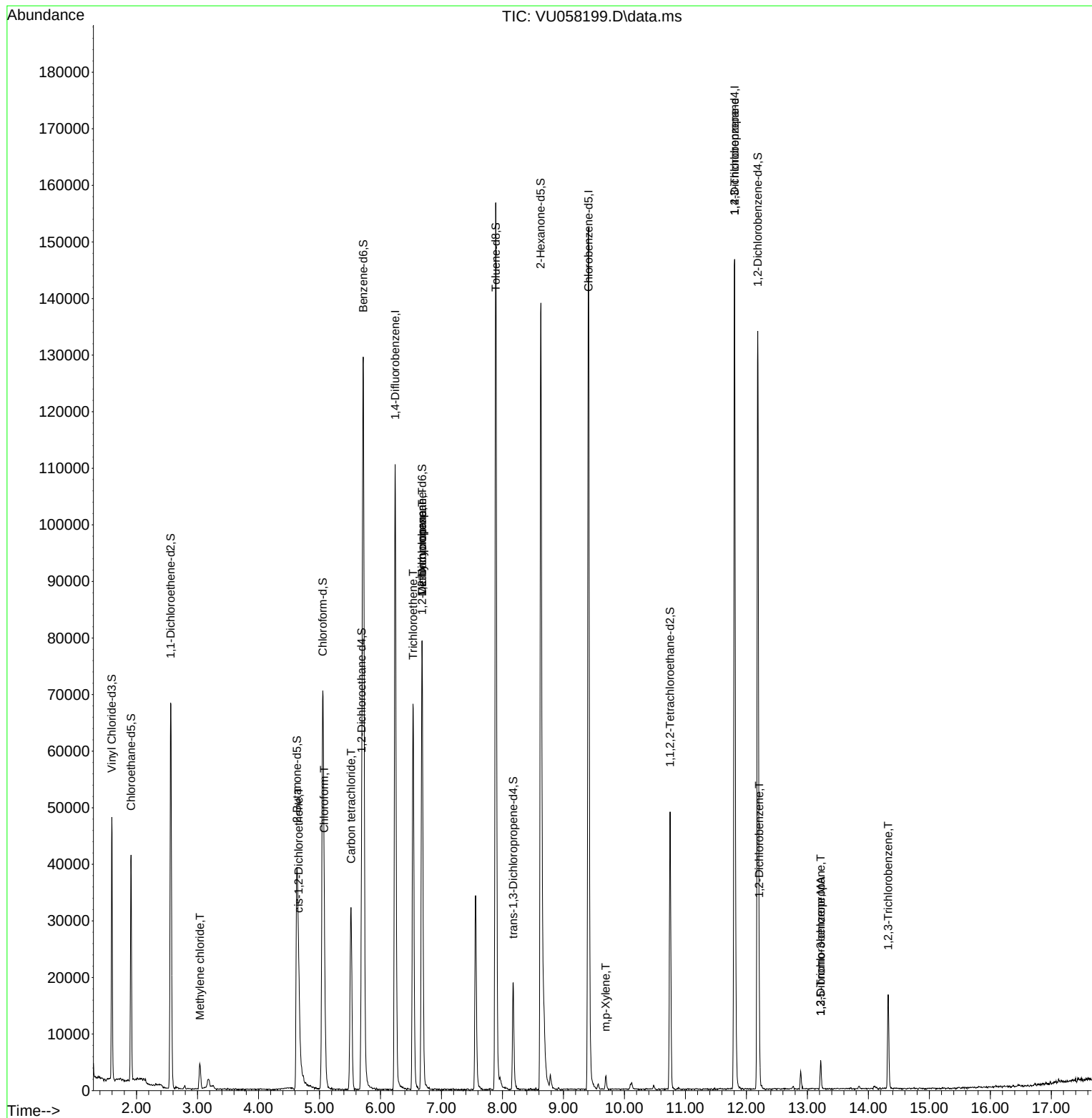
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	89766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32092	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	27936	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	13454	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.631	46	68140	50.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	5.052	84	62404	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	29790	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.718	84	124758	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	39600	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	107981	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	11966	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	51714	47.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	25037	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34389	4.779	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	2259	0.354	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	3567	0.614	ug/L	95
25) Chloroform	5.078	83	18904	1.706	ug/L	97
31) Carbon tetrachloride	5.518	117	22325	2.902	ug/L	100
34) Trichloroethene	6.534	95	24438	4.086	ug/L	98
35) Methylcyclohexane	6.682	83	8564	1.027	ug/L #	34
37) 1,2-Dichloropropane	6.685	63	4267	0.665	ug/L #	90
53) m,p-Xylene	9.695	106	948	0.098	ug/L	76
61) 1,2,3-Trichloropropane	11.807	75	5831	1.802	ug/L #	66
67) 1,2-Dichlorobenzene	12.209	146	3133	0.313	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.219	75	316	0.648	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.219	180	1874	0.248	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	5509	1.193	ug/L	97

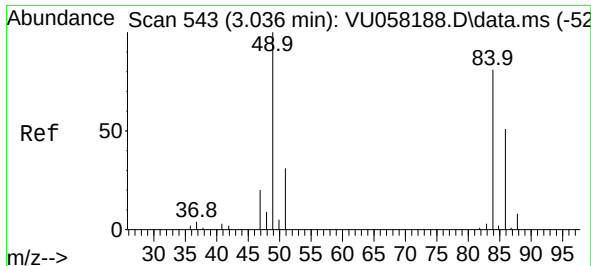
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
Data File : VU058199.D
Acq On : 22 Mar 2024 18:22
Operator : MD/SY
Sample : P1796-01DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

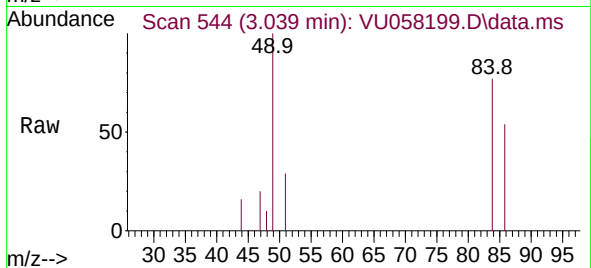
Quant Time: Mar 22 23:47:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 22 23:43:24 2024
Response via : Initial Calibration





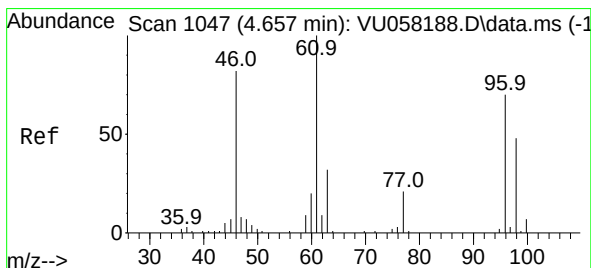
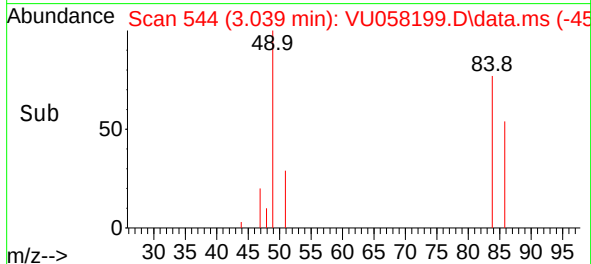
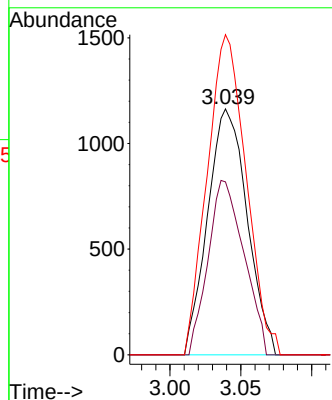
#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2259

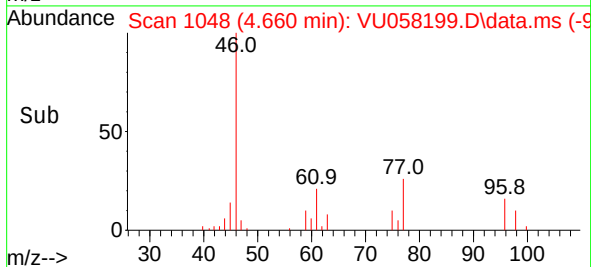
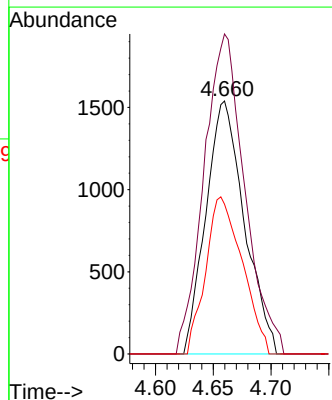
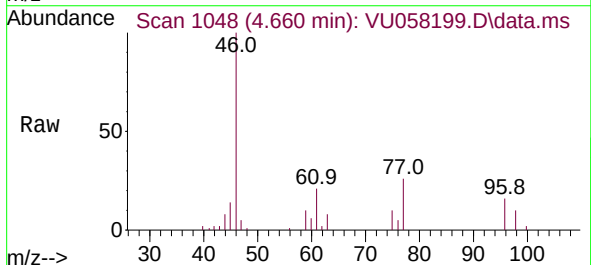
Ion	Ratio	Lower	Upper
84	100		
86	70.3	45.6	84.6
49	130.2	88.3	163.9

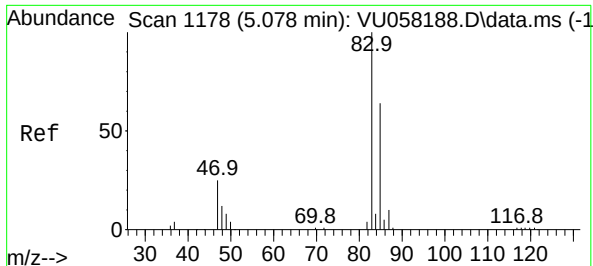


#22
cis-1,2-Dichloroethene
Concen: 0.614 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

Tgt Ion: 96 Resp: 3567

Ion	Ratio	Lower	Upper
96	100		
61	126.5	92.8	172.4
98	59.2	43.2	80.2

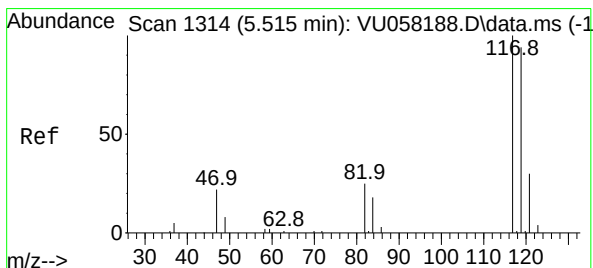
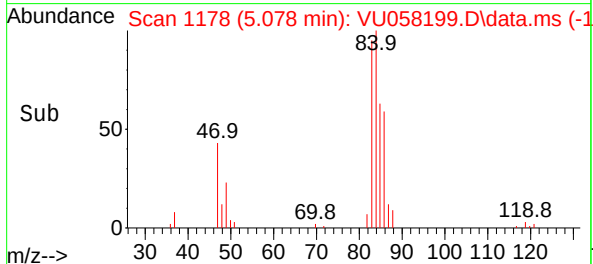
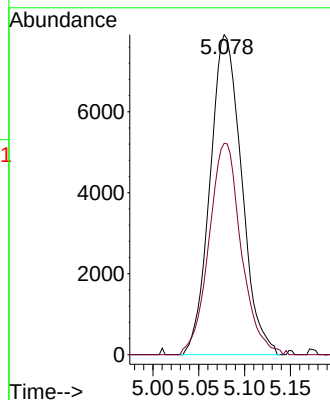
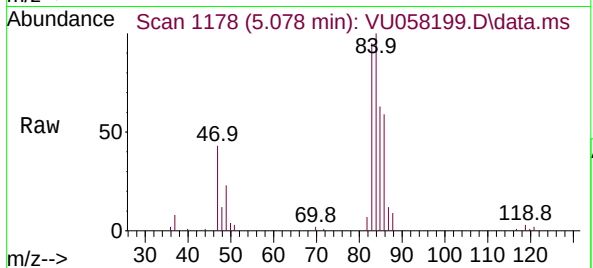




#25
Chloroform
Concen: 1.706 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

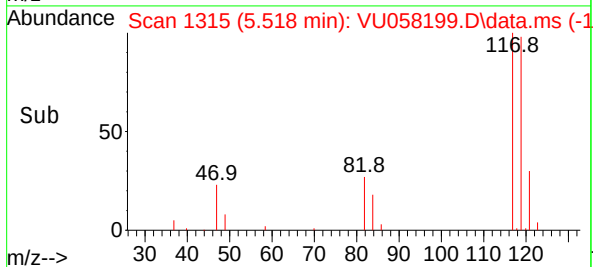
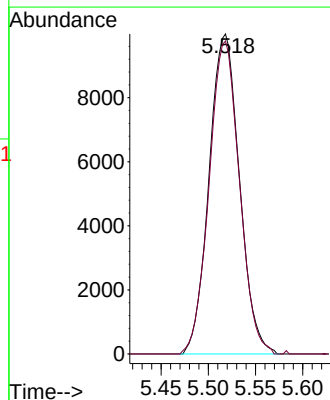
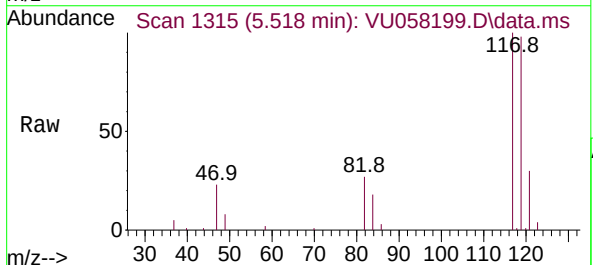
Instrument :
MSVOA_U
ClientSampleId :

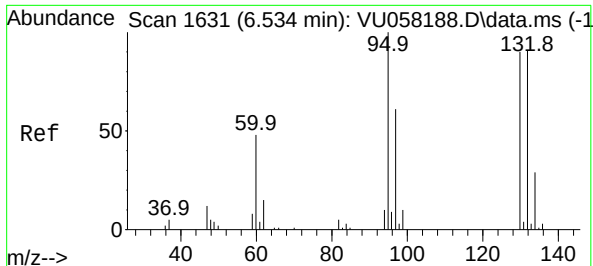
Tgt Ion: 83 Resp: 18904
Ion Ratio Lower Upper
83 100
85 66.1 47.9 88.9



#31
Carbon tetrachloride
Concen: 2.902 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

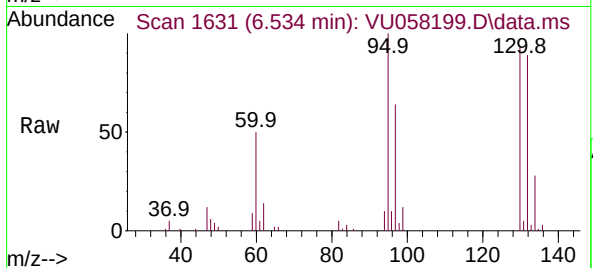
Tgt Ion: 117 Resp: 22325
Ion Ratio Lower Upper
117 100
119 97.4 78.1 117.1



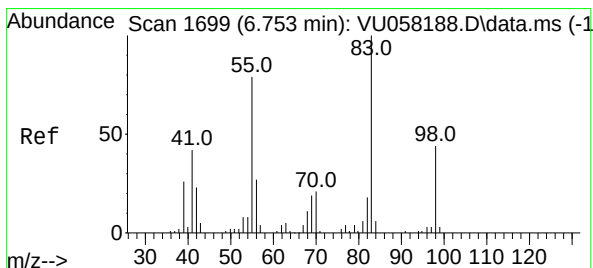
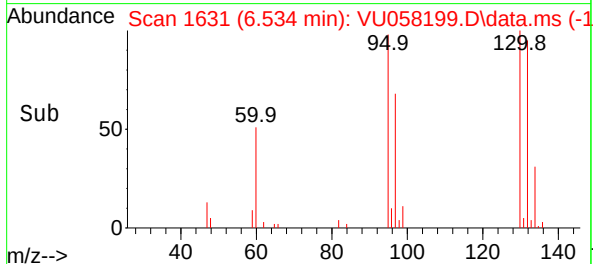
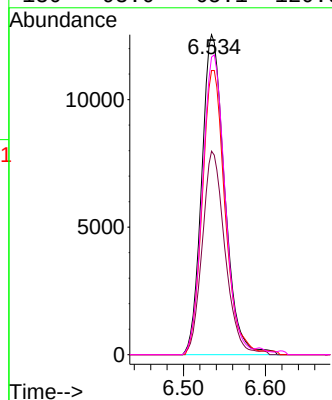


#34
Trichloroethene
Concen: 4.086 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

Instrument :
MSVOA_U
ClientSampleId :

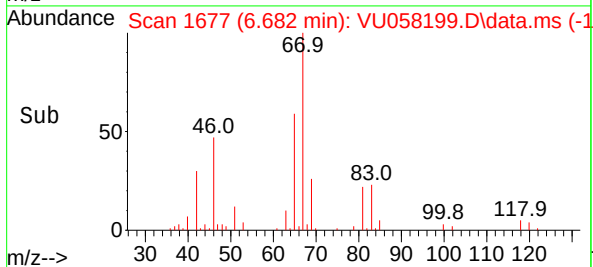
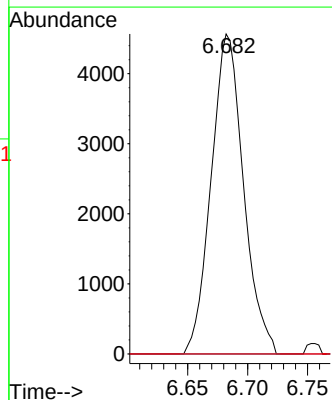
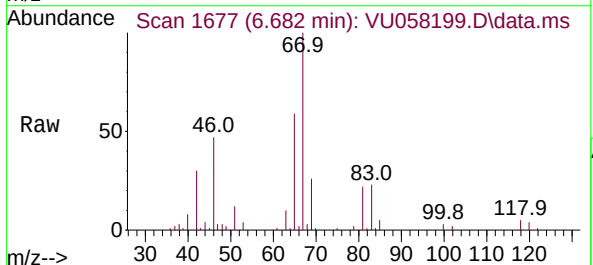


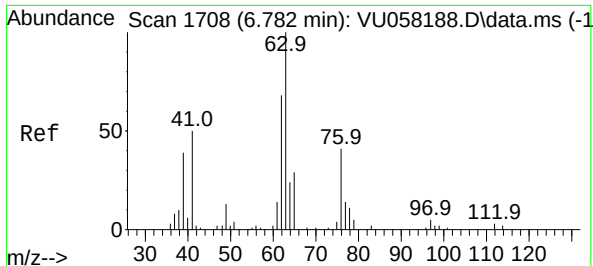
Tgt Ion: 95 Resp: 24438
Ion Ratio Lower Upper
95 100
97 63.6 47.7 88.7
132 88.8 63.6 118.2
130 93.0 65.1 120.9



#35
Methylcyclohexane
Concen: 1.027 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

Tgt Ion: 83 Resp: 8564
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 29.7 37.3 55.9#

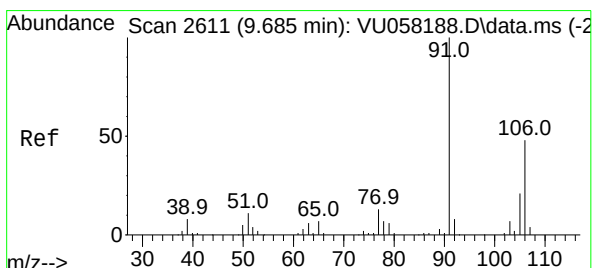
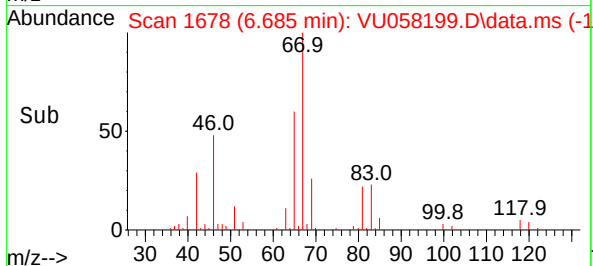
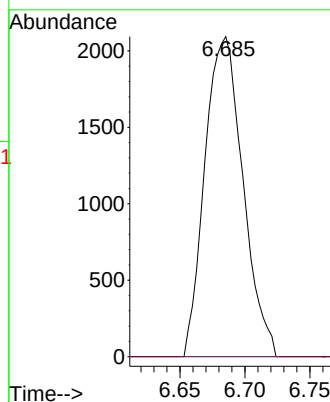
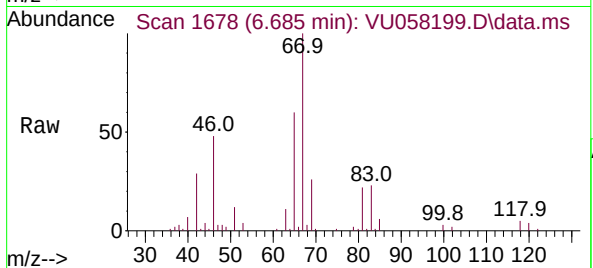




#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

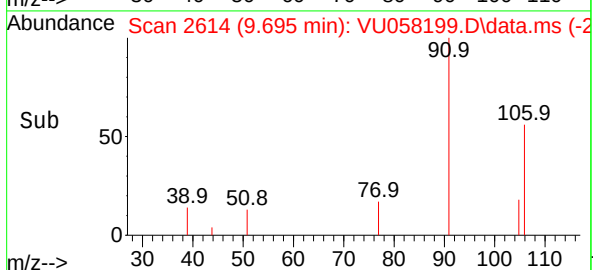
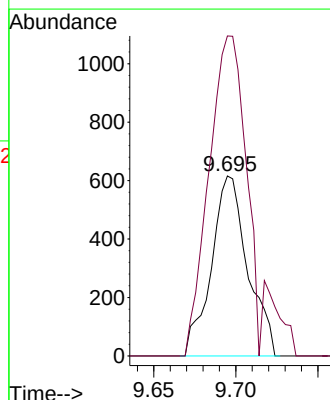
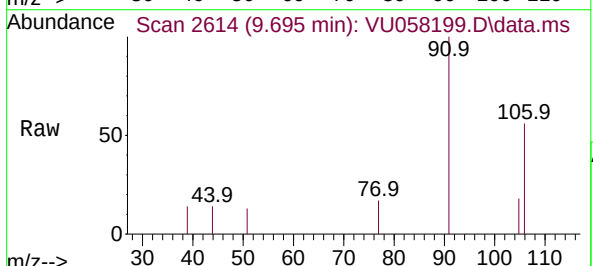
Instrument :
MSVOA_U
ClientSampleId :

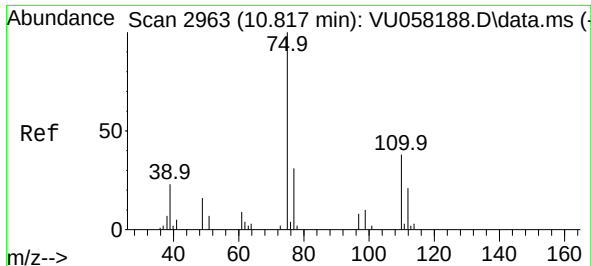
Tgt Ion: 63 Resp: 4267
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#53
m,p-Xylene
Concen: 0.098 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.010 min
Lab File: VU058199.D
Acq: 22 Mar 2024 18:22

Tgt Ion:106 Resp: 948
Ion Ratio Lower Upper
106 100
91 177.8 151.0 280.4





#61

1,2,3-Trichloropropane

Concen: 1.802 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058199.D

Acq: 22 Mar 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

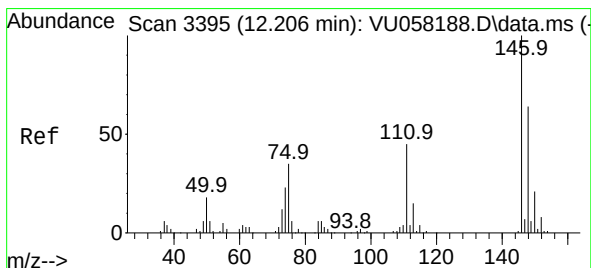
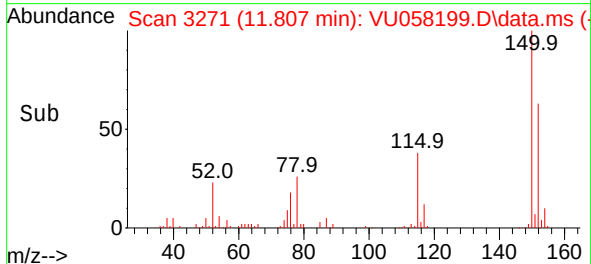
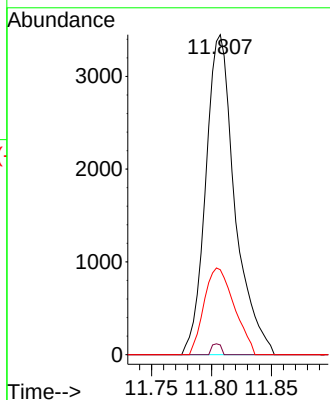
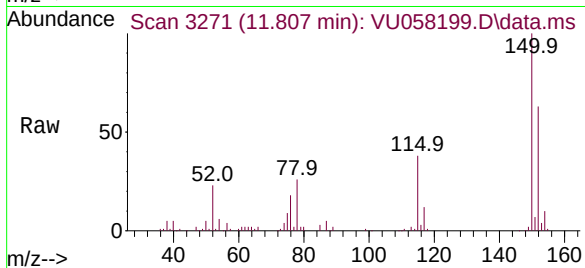
Tgt Ion: 75 Resp: 5831

Ion Ratio Lower Upper

75 100

110 1.1 28.1 42.1#

77 27.9 25.1 37.7



#67

1,2-Dichlorobenzene

Concen: 0.313 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU058199.D

Acq: 22 Mar 2024 18:22

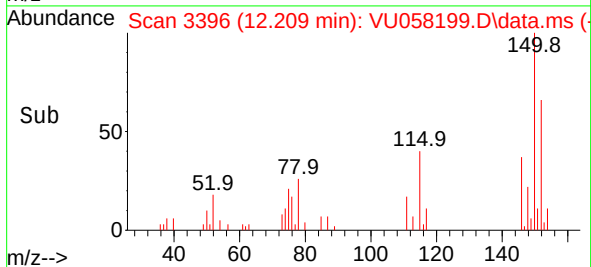
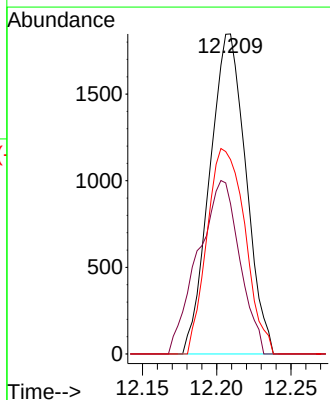
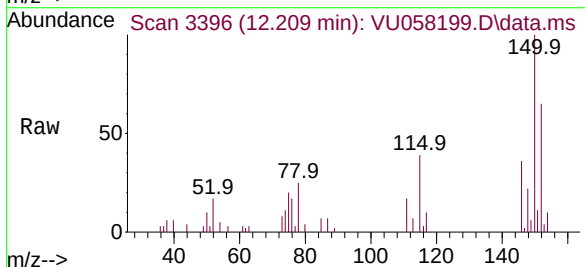
Tgt Ion:146 Resp: 3133

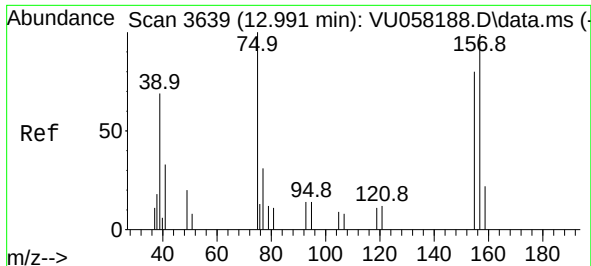
Ion Ratio Lower Upper

146 100

111 46.9 35.9 53.9

148 60.7 52.4 78.6





#68

1,2-Dibromo-3-chloropropane

Concen: 0.648 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.228 min

Lab File: VU058199.D

Acq: 22 Mar 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :

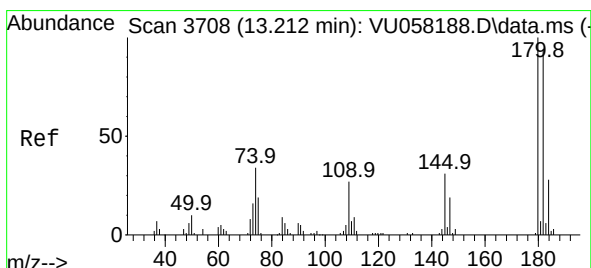
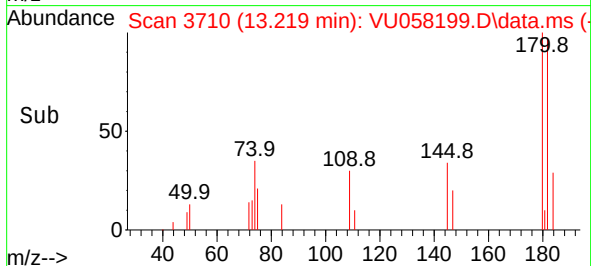
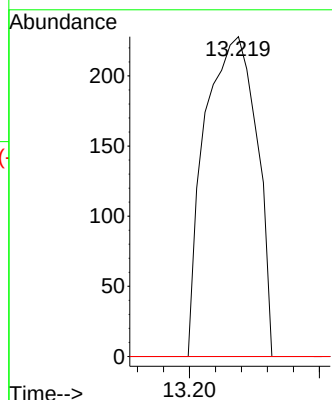
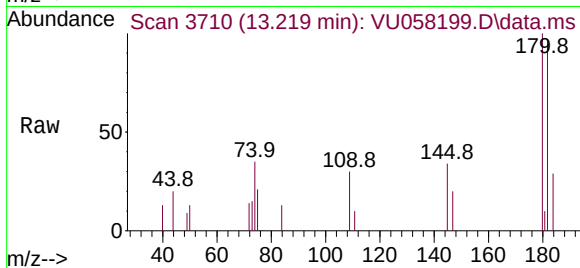
Tgt Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 0.0 60.2 90.2#

157 0.0 82.6 123.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.248 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.006 min

Lab File: VU058199.D

Acq: 22 Mar 2024 18:22

Tgt Ion:180 Resp: 1874

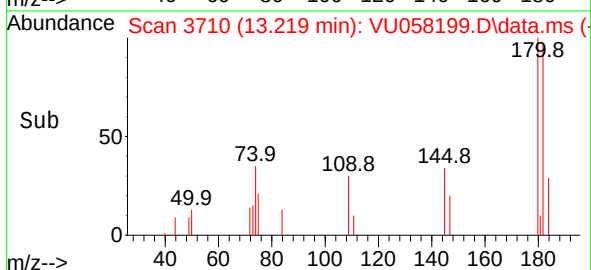
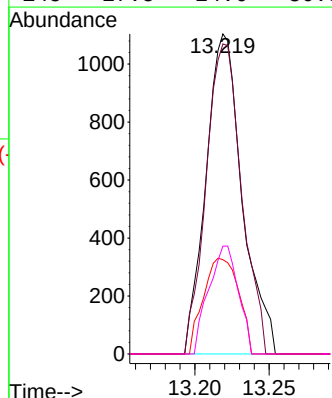
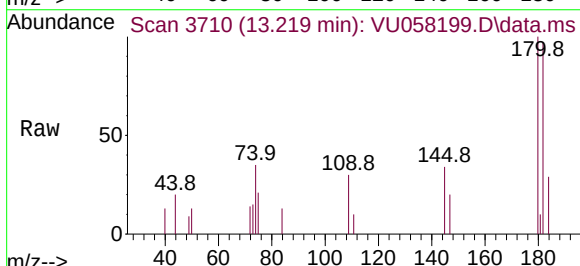
Ion Ratio Lower Upper

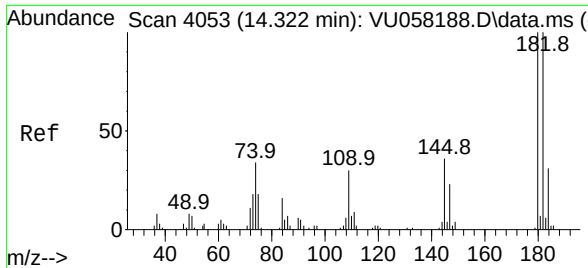
180 100

182 94.8 75.4 113.0

184 29.0 24.8 37.2

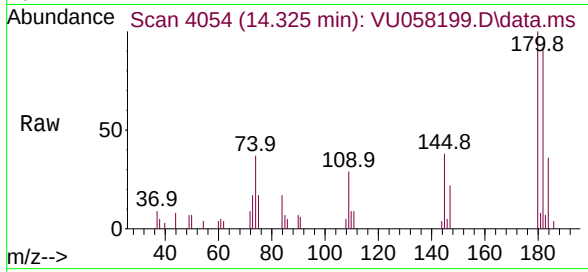
145 27.5 24.6 36.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.193 ug/L
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU058199.D
 Acq: 22 Mar 2024 18:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	5509
Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.4	111.6
145	33.1	26.3	39.5

