

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055478.D
 Acq On : 22 Sep 2023 22:42
 Operator : MD/SY
 Sample : 04579-03 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:15:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

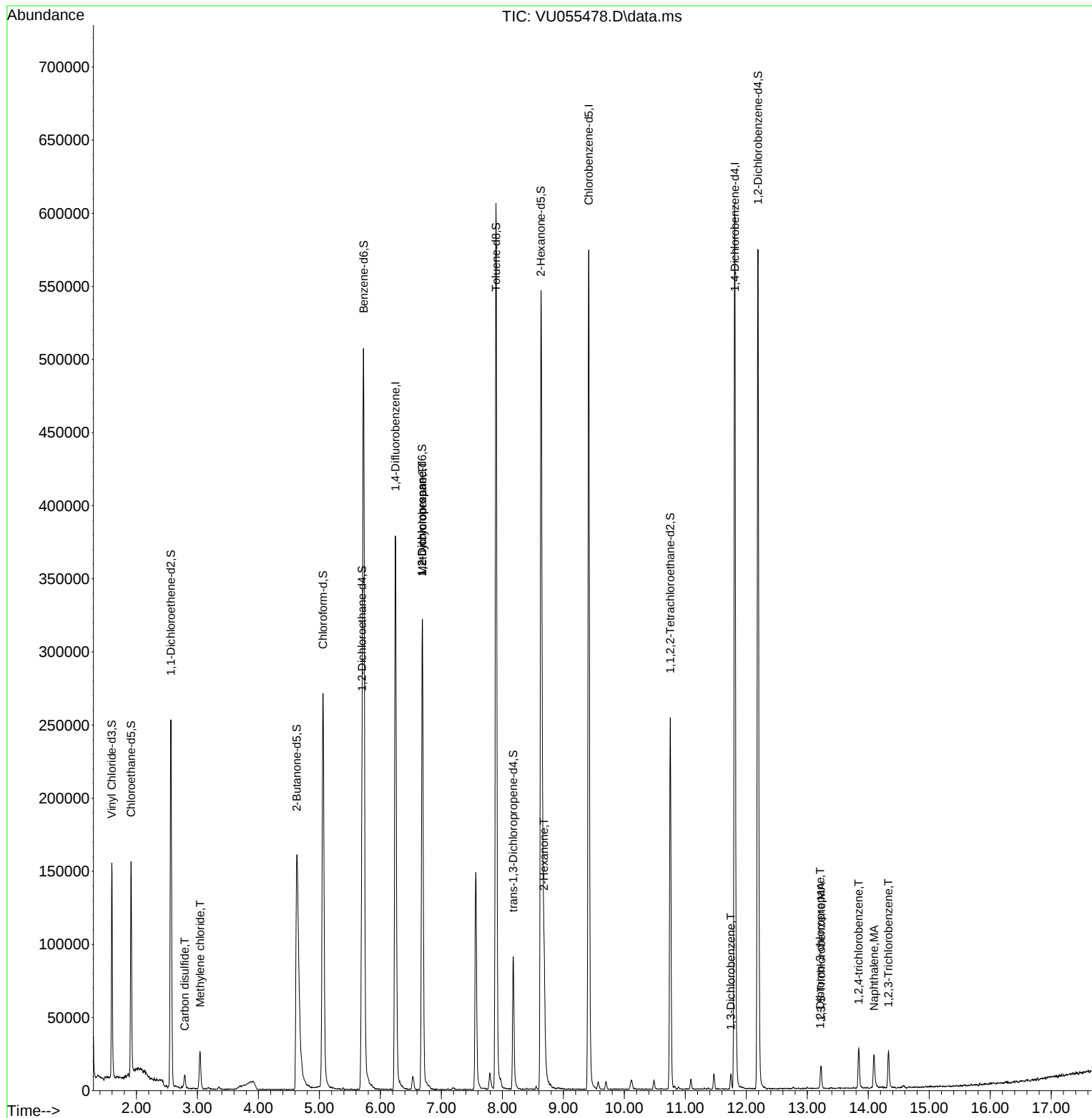
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	319556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	329155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	161564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103121	3.193	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.800%	
7) Chloroethane-d5	1.911	69	103265	3.628	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.600%	
11) 1,1-Dichloroethene-d2	2.564	65	47750	3.592	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	4.628	46	323363	55.431	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.860%	
24) Chloroform-d	5.059	84	256691	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.699	65	135134	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.724	84	490180	4.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.686	67	158471	4.607	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.895	98	421451	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.178	79	54934	4.551	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.631	63	174299	47.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.940%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	127109	4.930	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	155714	4.775	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
14) Carbon disulfide	2.792	76	12459	0.186	ug/L	96
16) Methylene chloride	3.043	84	12245	0.457	ug/L	94
35) Methylcyclohexane	6.689	83	37333	0.967	ug/L #	20
37) 1,2-Dichloropropane	6.686	63	17048	0.688	ug/L #	89
48) 2-Hexanone	8.682	43	54593	6.268	ug/L #	86
64) 1,3-Dichlorobenzene	11.747	146	4632	0.104	ug/L	90
68) 1,2-Dibromo-3-chloropr...	13.213	75	546	0.250	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.226	180	5573	0.182	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	8979	0.384	ug/L	97
71) Naphthalene	14.094	128	23765	0.701	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	8637	0.424	ug/L	95

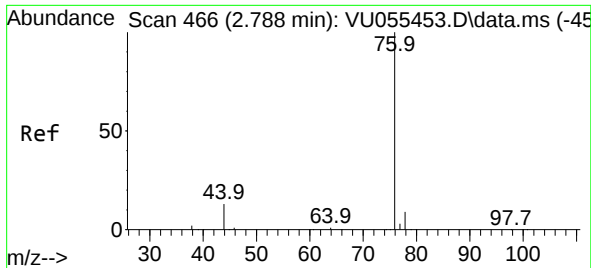
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.186 ug/L

RT: 2.792 min Scan# 4

Delta R.T. 0.004 min

Lab File: VU055478.D

Acq: 22 Sep 2023 22:42

Instrument :

MSVOA_U

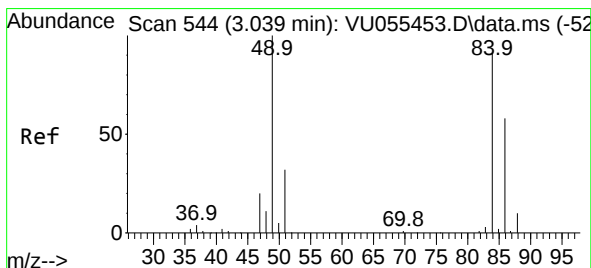
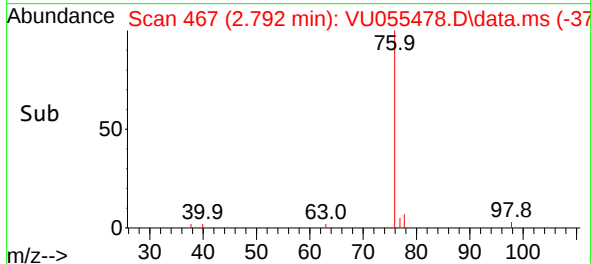
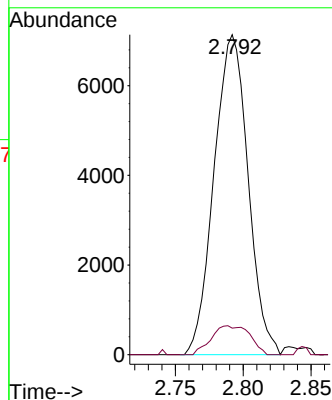
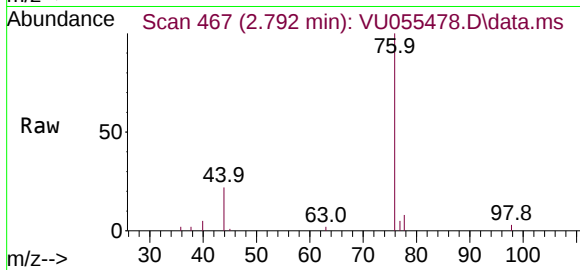
ClientSampleId :

Tgt Ion: 76 Resp: 12459

Ion Ratio Lower Upper

76 100

78 8.3 7.7 11.5



#16

Methylene chloride

Concen: 0.457 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.004 min

Lab File: VU055478.D

Acq: 22 Sep 2023 22:42

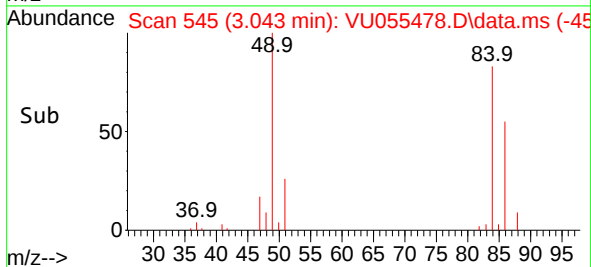
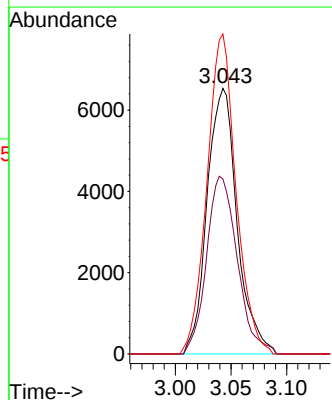
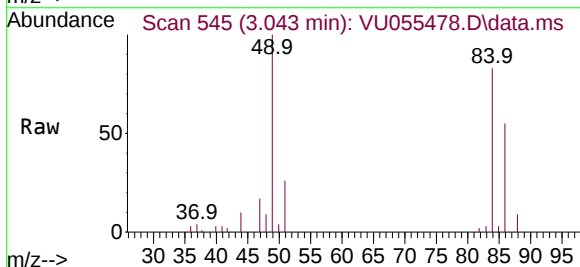
Tgt Ion: 84 Resp: 12245

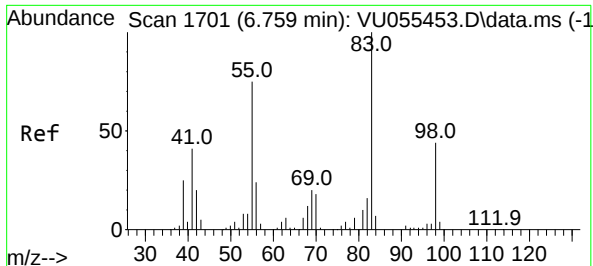
Ion Ratio Lower Upper

84 100

86 65.9 44.9 83.3

49 120.5 78.8 146.3

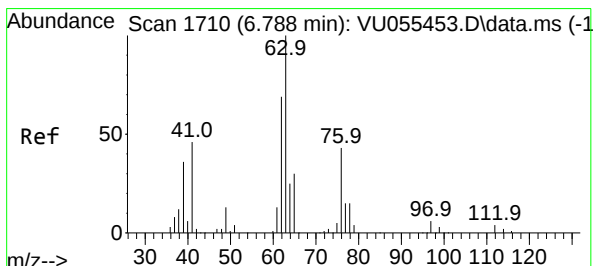
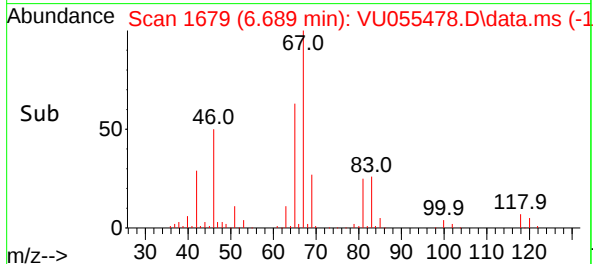
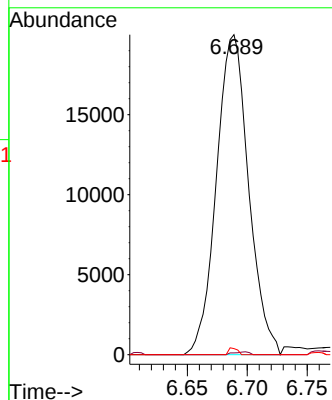
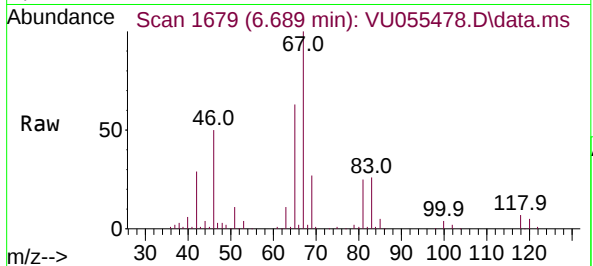




#35
Methylcyclohexane
Concen: 0.967 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.070 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42

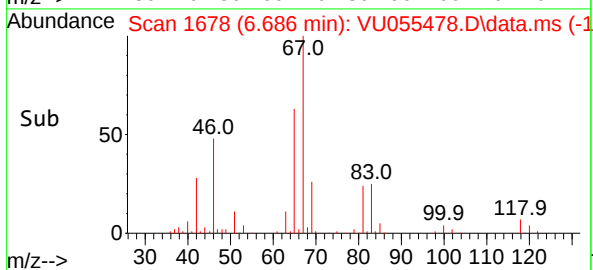
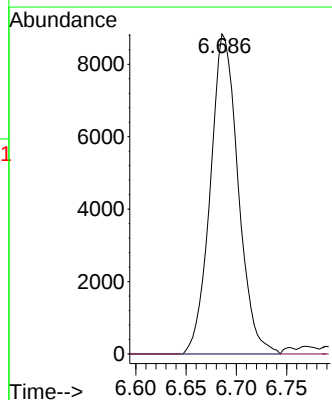
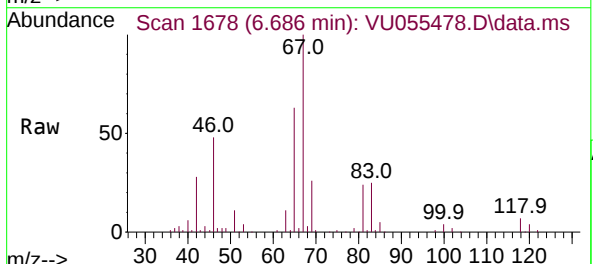
Instrument :
MSVOA_U
ClientSampleId :

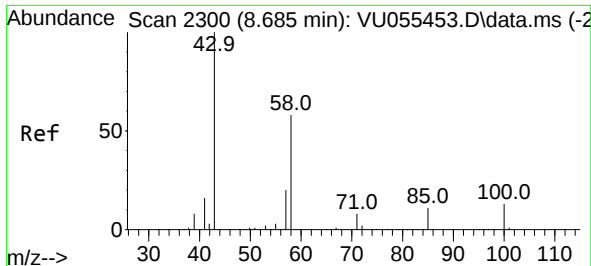
Tgt Ion: 83 Resp: 37333
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.6 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42

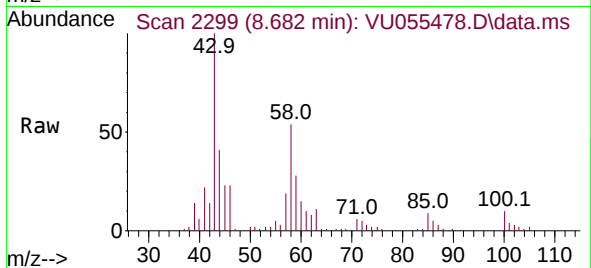
Tgt Ion: 63 Resp: 17048
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



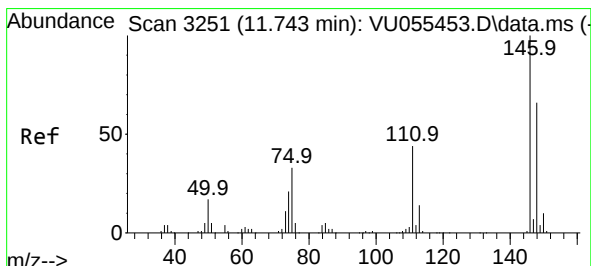
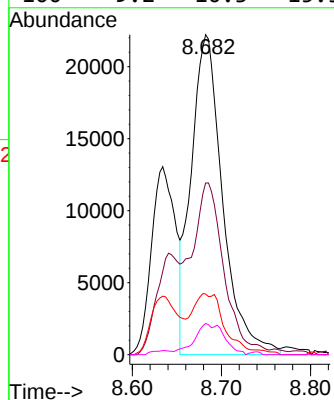
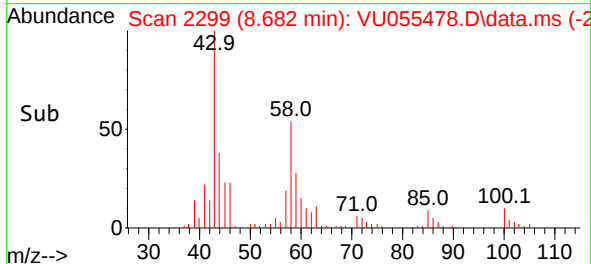


#48
2-Hexanone
Concen: 6.268 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42

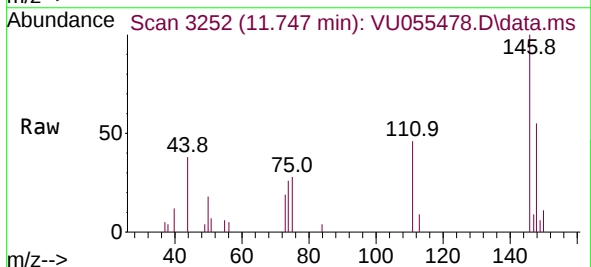
Instrument :
MSVOA_U
ClientSampleId :



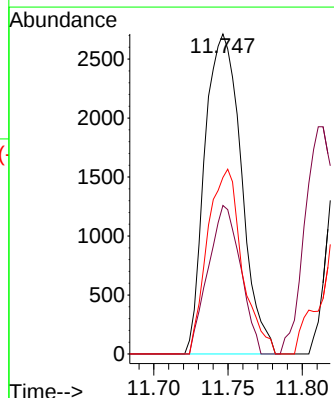
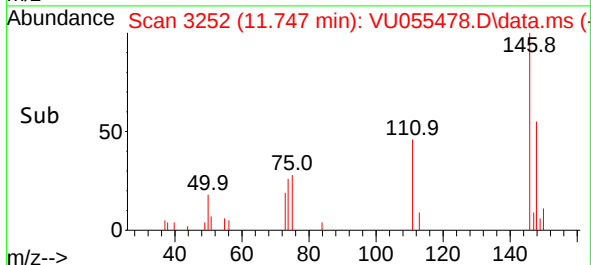
Tgt Ion: 43 Resp: 54593
Ion Ratio Lower Upper
43 100
58 46.6 48.5 72.7#
57 20.2 17.0 25.4
100 9.2 10.3 15.5#

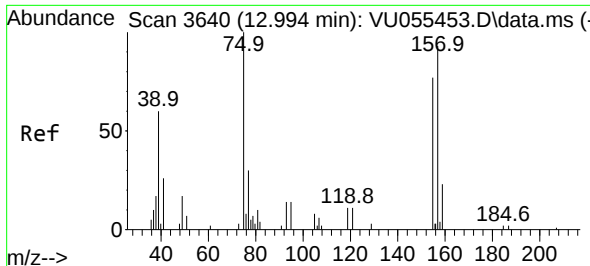


#64
1,3-Dichlorobenzene
Concen: 0.104 ug/L
RT: 11.747 min Scan# 3252
Delta R.T. 0.004 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42



Tgt Ion: 146 Resp: 4632
Ion Ratio Lower Upper
146 100
111 46.4 28.8 53.6
148 55.2 44.6 82.8





#68

1,2-Dibromo-3-chloropropane

Concen: 0.250 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.219 min

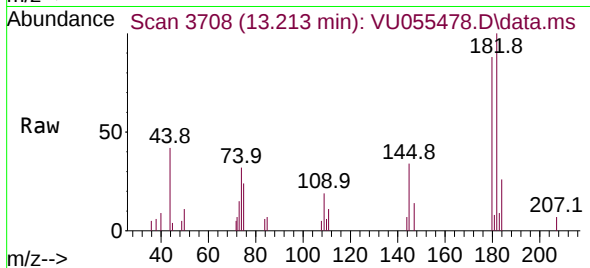
Lab File: VU055478.D

Acq: 22 Sep 2023 22:42

Instrument :

MSVOA_U

ClientSampleId :



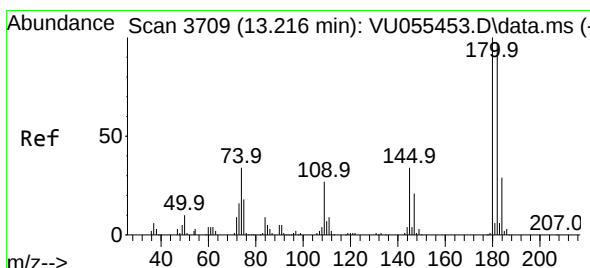
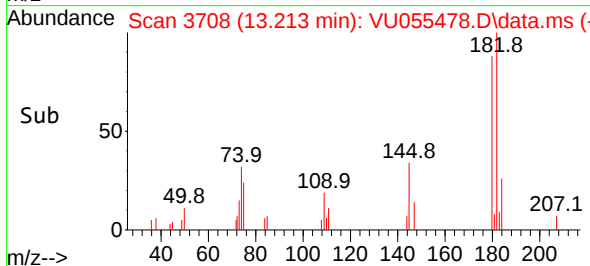
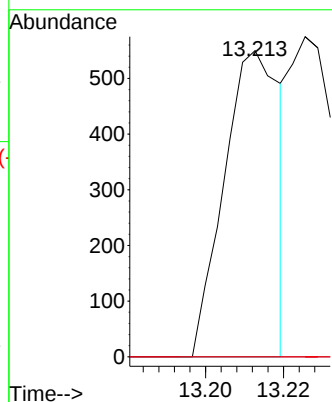
Tgt Ion: 75 Resp: 546

Ion Ratio Lower Upper

75 100

155 0.0 69.2 103.8#

157 0.0 81.9 122.9#



#69

1,3,5-Trichlorobenzene

Concen: 0.182 ug/L

RT: 13.226 min Scan# 3712

Delta R.T. 0.010 min

Lab File: VU055478.D

Acq: 22 Sep 2023 22:42

Tgt Ion:180 Resp: 5573

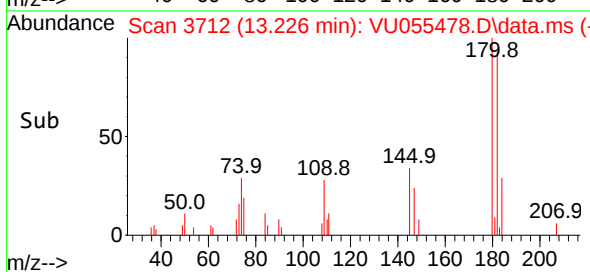
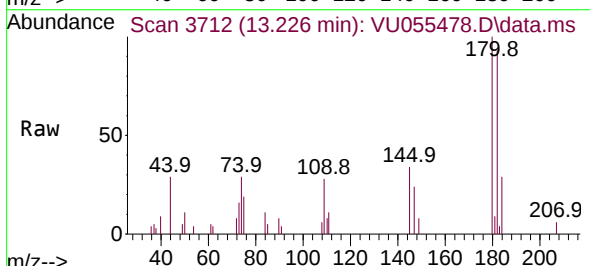
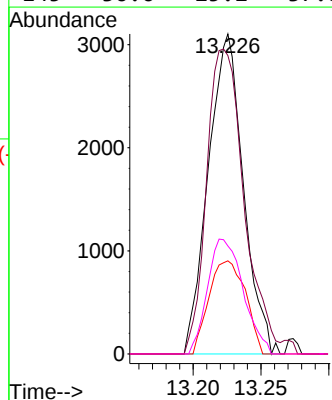
Ion Ratio Lower Upper

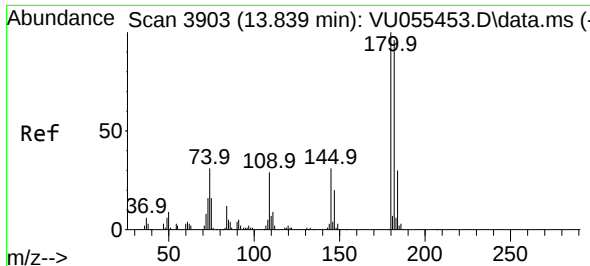
180 100

182 101.8 77.1 115.7

184 30.3 24.0 36.0

145 36.6 25.2 37.8

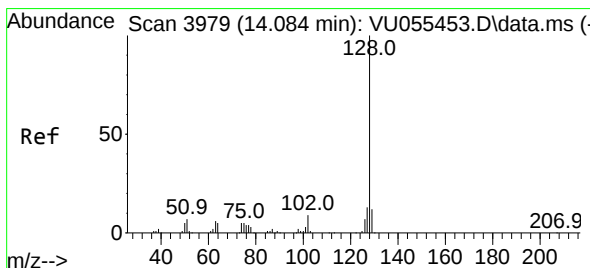
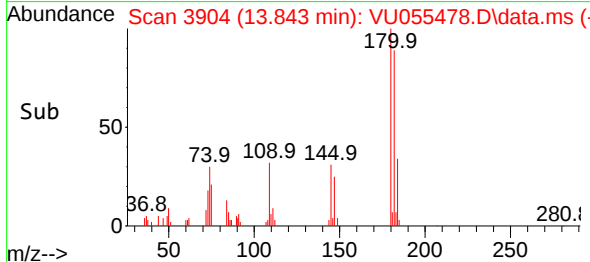
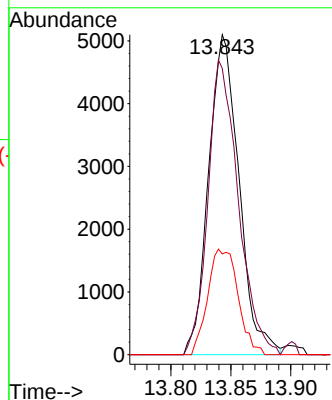
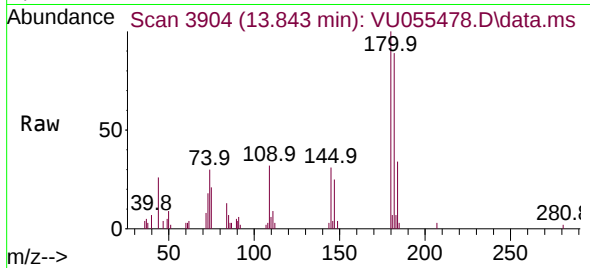




#70
1,2,4-trichlorobenzene
Concen: 0.384 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.004 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42

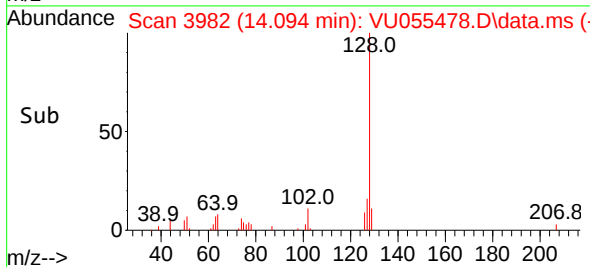
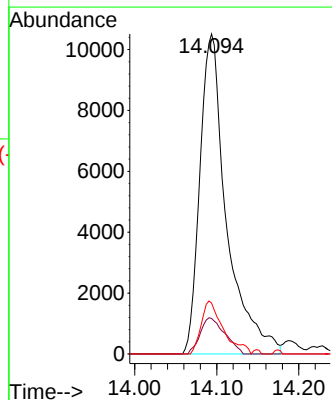
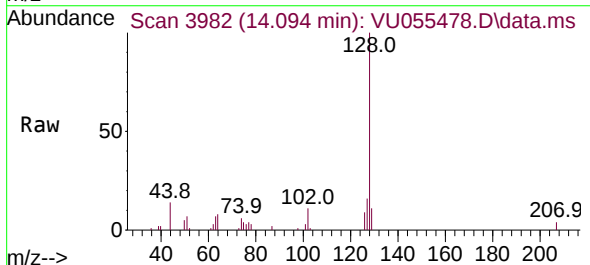
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ClientSampleId :

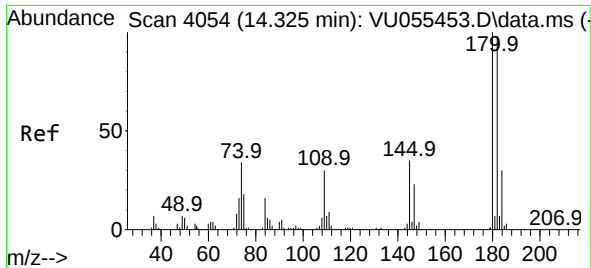
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.4	114.6
145	32.8	25.4	38.0



#71
Naphthalene
Concen: 0.701 ug/L
RT: 14.094 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU055478.D
Acq: 22 Sep 2023 22:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.6	10.2	15.4





#72

1,2,3-Trichlorobenzene

Concen: 0.424 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.004 min

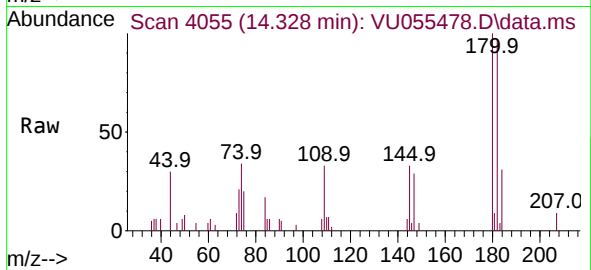
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Acq: 22 Sep 2023 22:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8637

Ion Ratio Lower Upper

180 100

182 101.8 76.2 114.4

145 32.8 26.0 39.0

