

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061681.D
 Acq On : 14 Nov 2024 19:00
 Operator : MD/SY
 Sample : P4761-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

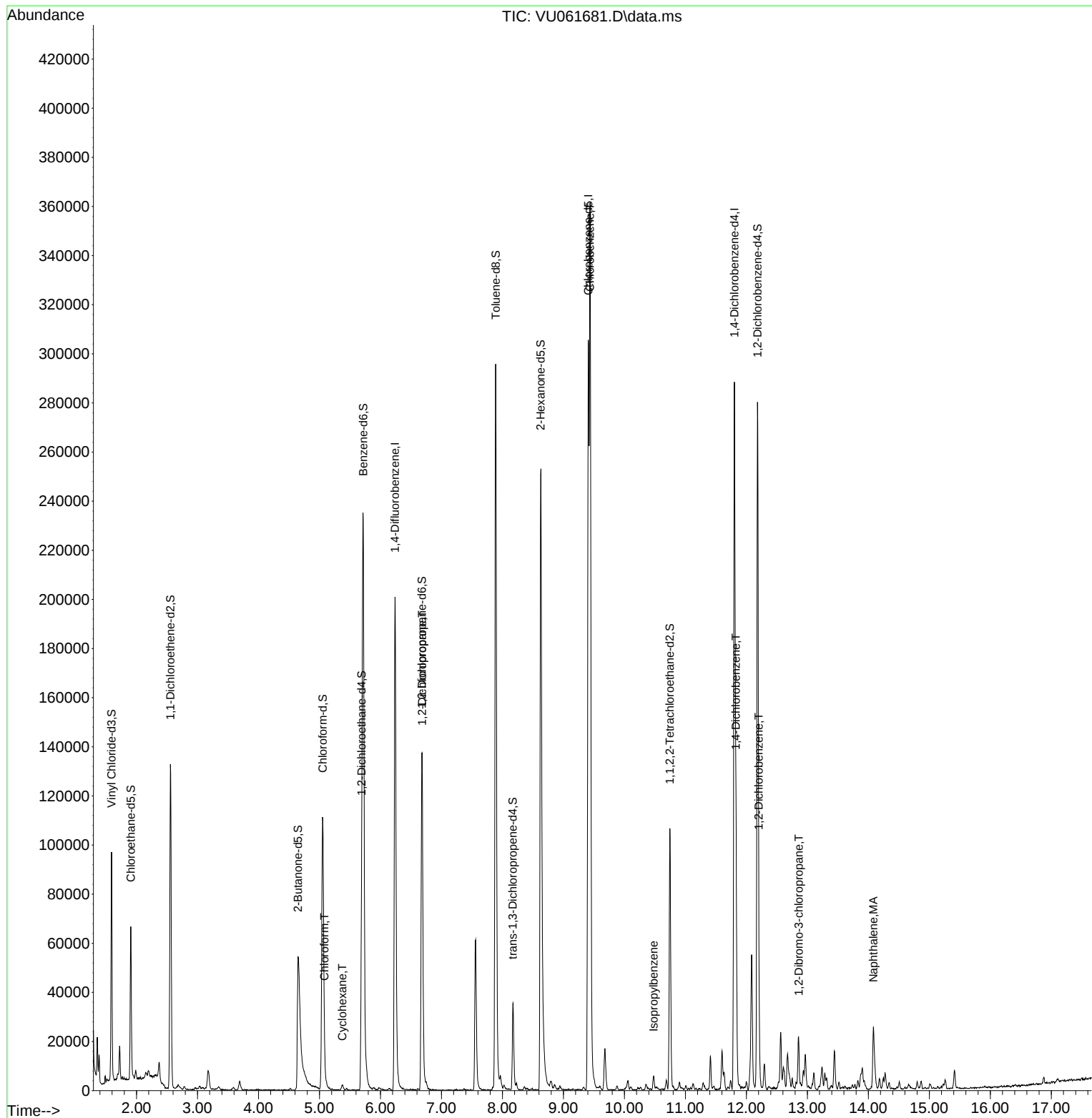
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	176433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	57369	5.033	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.907	69	46225	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.557	65	24249	4.741	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.800%	
20) 2-Butanone-d5	4.650	46	112994	46.700	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.400%	
24) Chloroform-d	5.052	84	107841	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.692	65	55853	5.136	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.718	84	230330	4.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.679	67	68766	5.002	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.891	98	211394	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	8.171	79	21206	4.187	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.627	63	97534	48.739	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.480%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51495	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	71732	5.194	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						Qvalue
25) Chloroform	5.081	83	4601	0.205	ug/L	94
30) Cyclohexane	5.374	56	1124	0.059	ug/L #	78
37) 1,2-Dichloropropane	6.685	63	7389	0.571	ug/L #	89
51) Chlorobenzene	9.438	112	200004	5.659	ug/L	99
60) Isopropylbenzene	10.479	105	4337	0.081	ug/L #	81
65) 1,4-Dichlorobenzene	11.830	146	42702	1.705	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	7993	0.348	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.859	75	121	0.095	ug/L #	3
71) Naphthalene	14.084	128	23278	1.215	ug/L	96

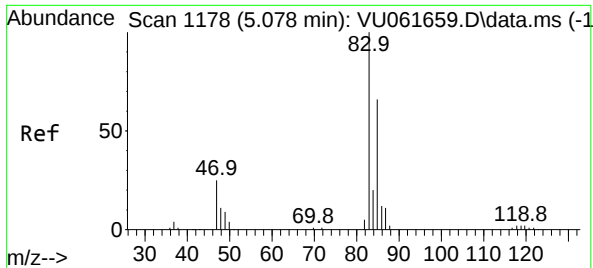
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.205 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061681.D

Acq: 14 Nov 2024 19:00

Instrument :

MSVOA_U

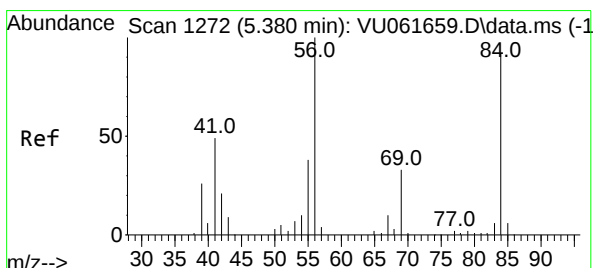
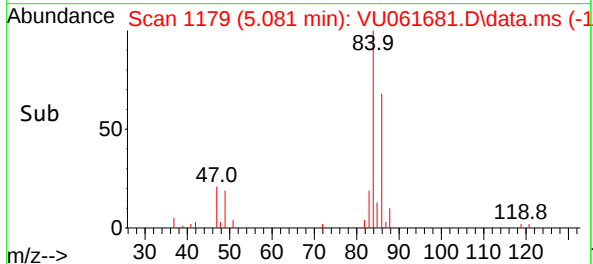
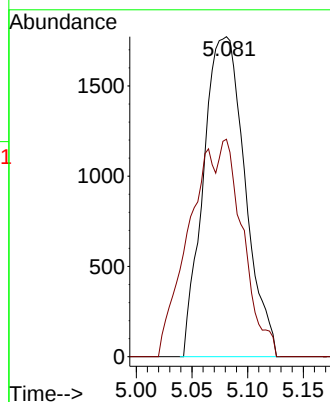
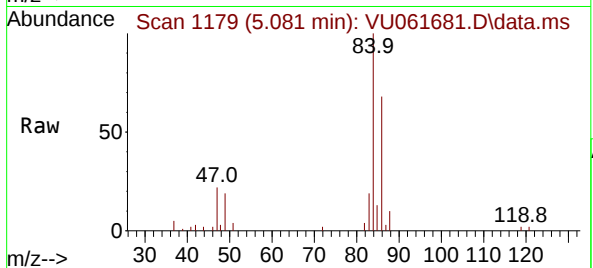
ClientSampleId :

Tgt Ion: 83 Resp: 4601

Ion Ratio Lower Upper

83 100

85 68.0 44.1 81.9



#30

Cyclohexane

Concen: 0.059 ug/L

RT: 5.374 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VU061681.D

Acq: 14 Nov 2024 19:00

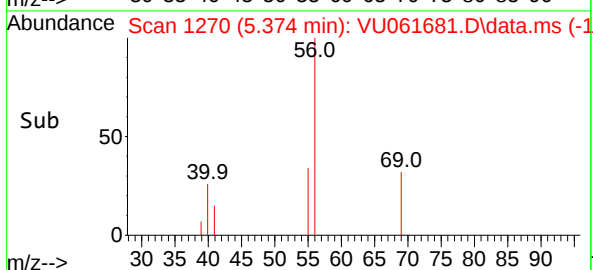
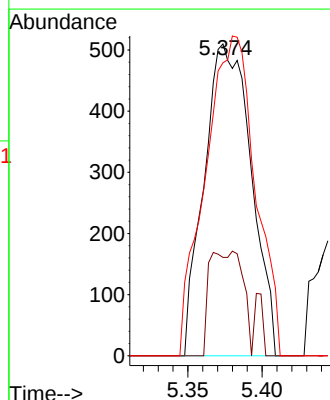
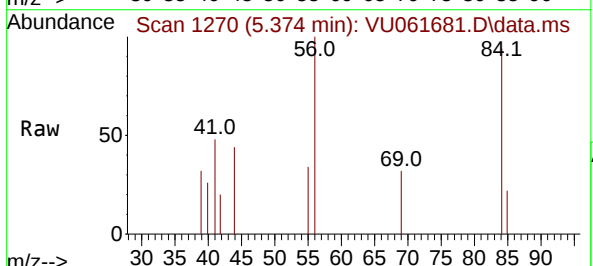
Tgt Ion: 56 Resp: 1124

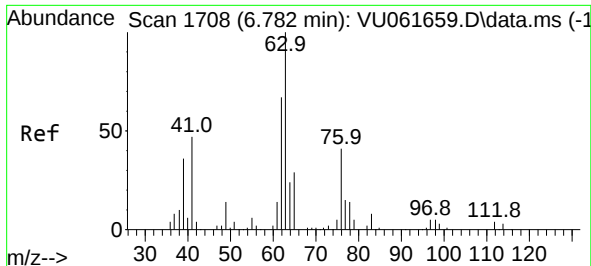
Ion Ratio Lower Upper

56 100

69 11.1 25.6 38.4#

84 108.9 74.3 111.5

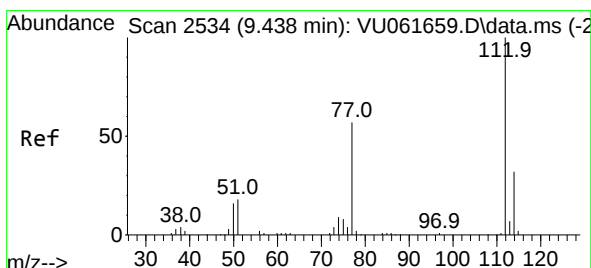
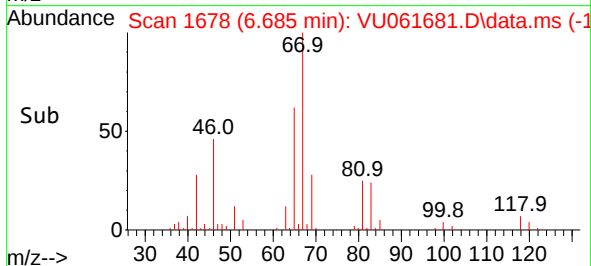
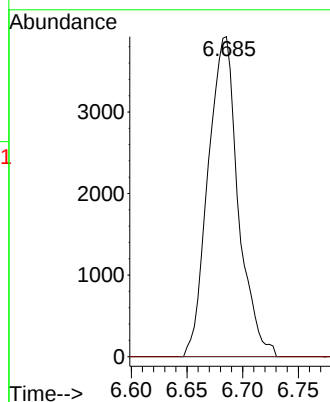
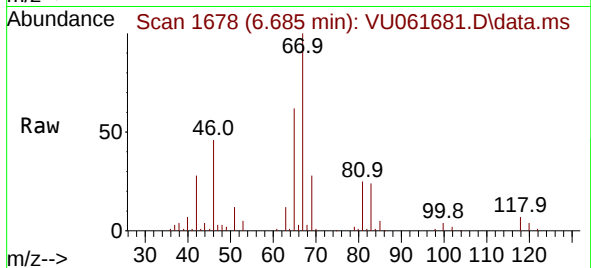




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU061681.D
Acq: 14 Nov 2024 19:00

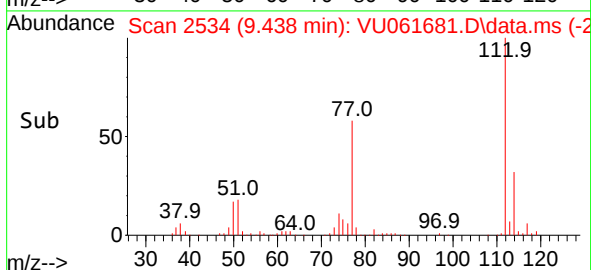
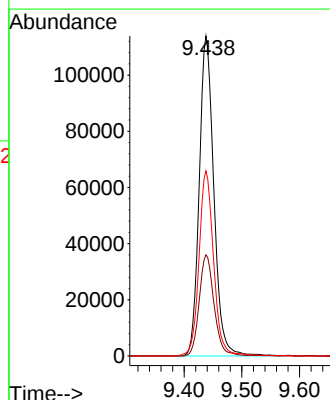
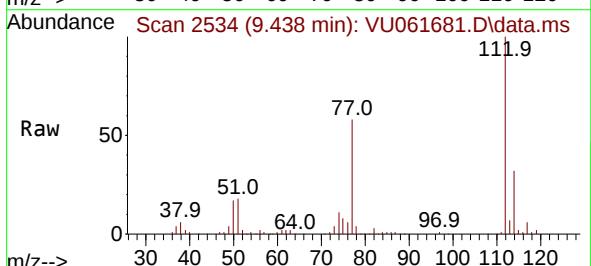
Instrument :
MSVOA_U
ClientSampleId :

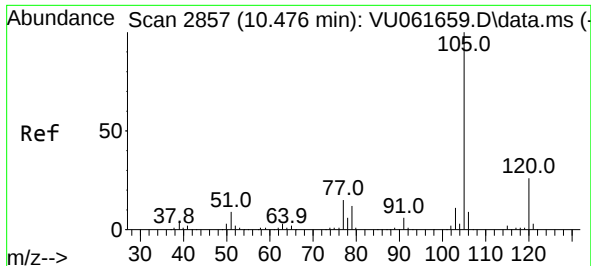
Tgt Ion: 63 Resp: 7389
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#51
Chlorobenzene
Concen: 5.659 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061681.D
Acq: 14 Nov 2024 19:00

Tgt Ion: 112 Resp: 200004
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 57.8 45.3 67.9

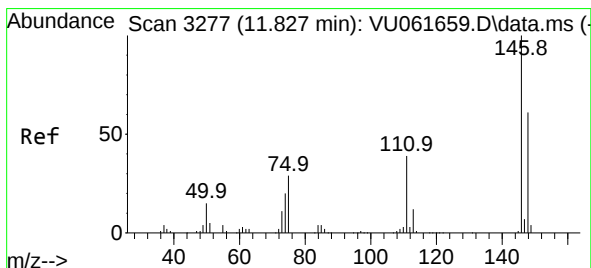
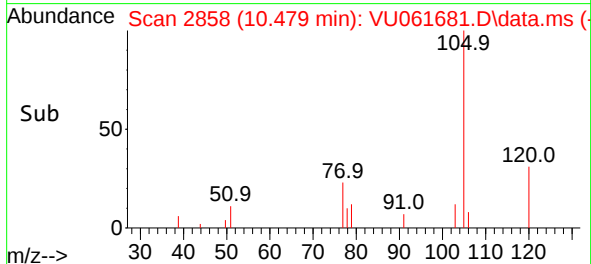
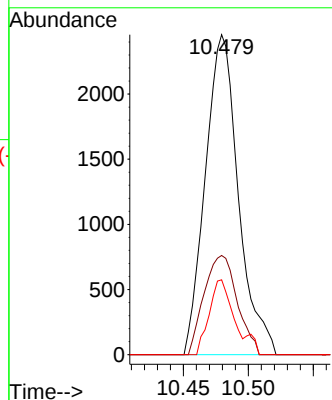
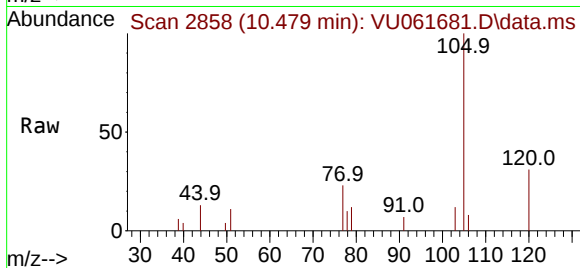




#60
Isopropylbenzene
Concen: 0.081 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061681.D
Acq: 14 Nov 2024 19:00

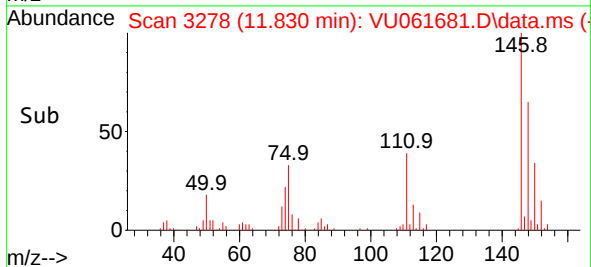
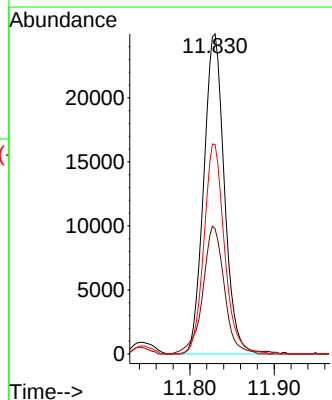
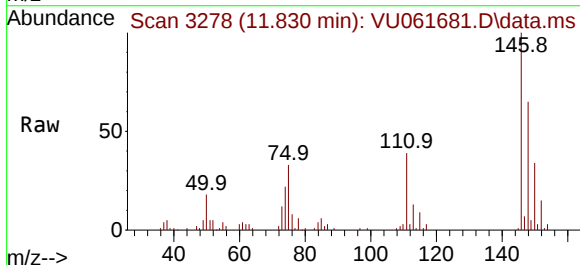
Instrument :
MSVOA_U
ClientSampleId :

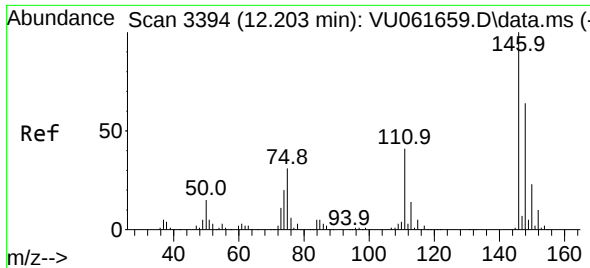
Tgt Ion:105 Resp: 4337
Ion Ratio Lower Upper
105 100
120 31.2 21.6 32.4
77 0.0 12.8 19.2#



#65
1,4-Dichlorobenzene
Concen: 1.705 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061681.D
Acq: 14 Nov 2024 19:00

Tgt Ion:146 Resp: 42702
Ion Ratio Lower Upper
146 100
111 39.1 28.8 53.4
148 65.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.348 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061681.D

Acq: 14 Nov 2024 19:00

Instrument :

MSVOA_U

ClientSampleId :

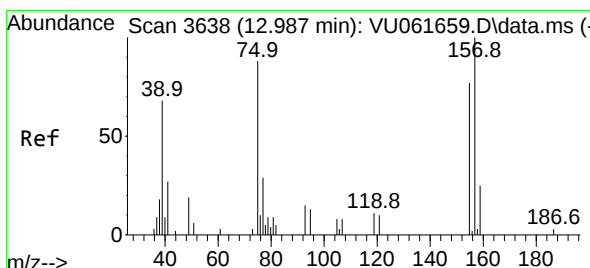
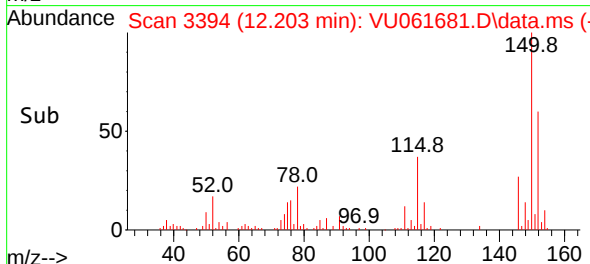
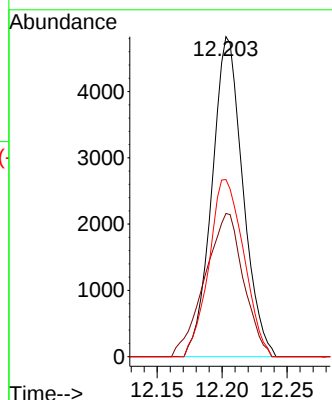
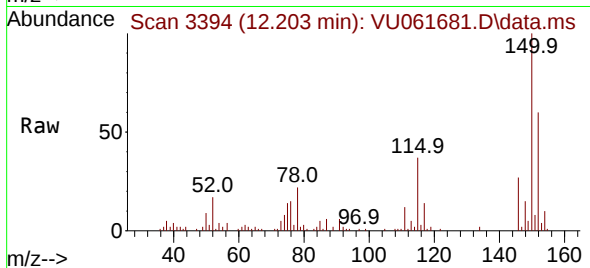
Tgt Ion:146 Resp: 7993

Ion Ratio Lower Upper

146 100

111 44.8 35.2 52.8

148 55.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.095 ug/L

RT: 12.859 min Scan# 3598

Delta R.T. -0.128 min

Lab File: VU061681.D

Acq: 14 Nov 2024 19:00

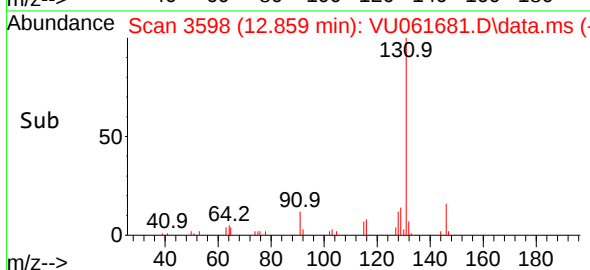
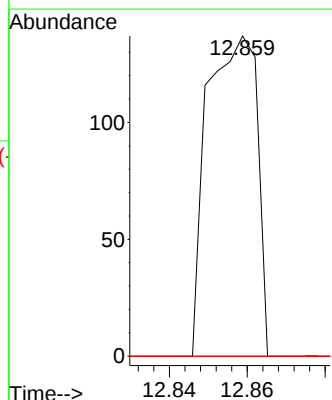
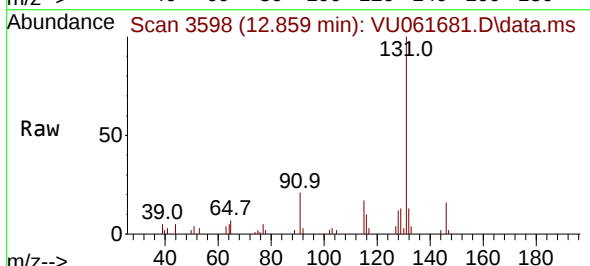
Tgt Ion: 75 Resp: 121

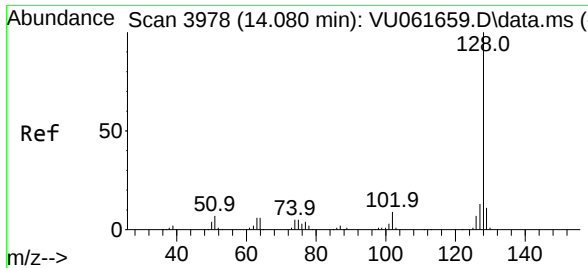
Ion Ratio Lower Upper

75 100

155 0.0 62.6 93.8#

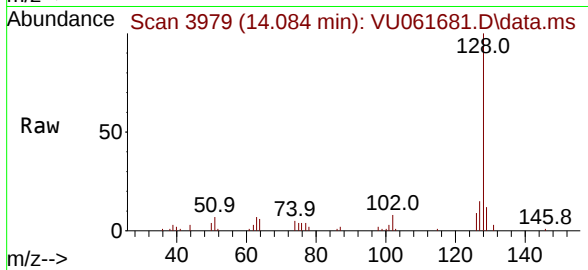
157 0.0 84.9 127.3#





#71
 Naphthalene
 Concen: 1.215 ug/L
 RT: 14.084 min Scan# 3979
 Delta R.T. 0.003 min
 Lab File: VU061681.D
 Acq: 14 Nov 2024 19:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	23278
Ion Ratio	Lower	Upper	
128	100		
129	12.2	8.5	12.7
127	14.2	10.4	15.6

