

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056256.D
 Acq On : 13 Nov 2023 16:27
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:53:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:42:10 2023
 Response via : Initial Calibration

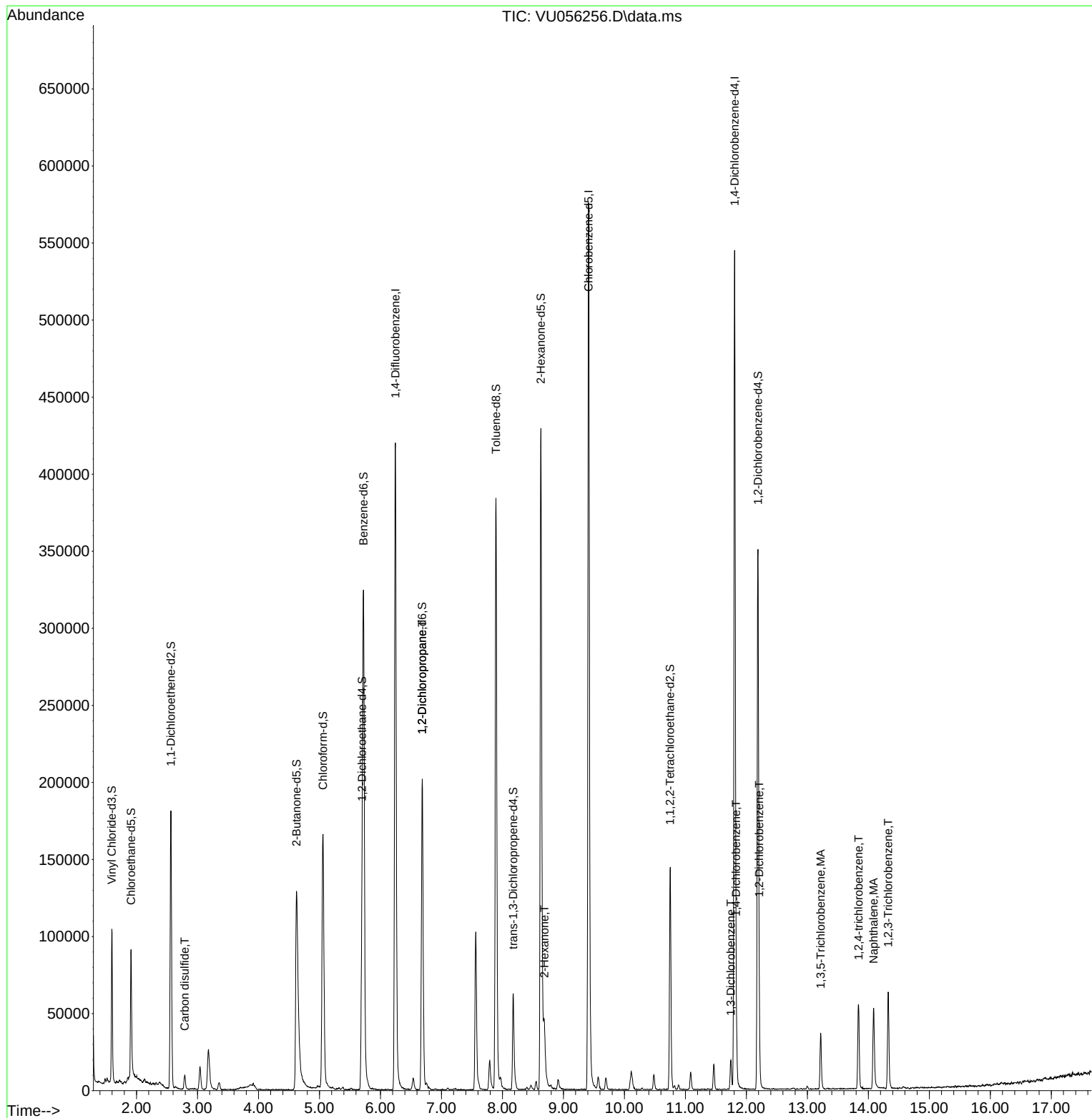
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	351312	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	332797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	145331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71776	2.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.911	69	60910	3.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.400%#
11) 1,1-Dichloroethene-d2	2.563	65	34783	2.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.624	46	182919	34.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.820%
24) Chloroform-d	5.058	84	159187	3.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.600%#
26) 1,2-Dichloroethane-d4	5.698	65	77312	3.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
32) Benzene-d6	5.721	84	316490	3.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.800%#
36) 1,2-Dichloropropane-d6	6.685	67	103587	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.400%
41) Toluene-d8	7.894	98	269882	3.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.600%#
43) trans-1,3-Dichloroprop...	8.177	79	37607	3.281	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.631	63	158595	35.212	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	74809	3.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	90883	3.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.800%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	12212	0.175	ug/L	96
37) 1,2-Dichloropropane	6.685	63	10205	0.412	ug/L #	88
48) 2-Hexanone	8.688	43	28643	2.995	ug/L #	82
64) 1,3-Dichlorobenzene	11.746	146	7942	0.186	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	10469	0.245	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	8629	0.221	ug/L	93
69) 1,3,5-Trichlorobenzene	13.219	180	11618	0.362	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	17724	0.678	ug/L	98
71) Naphthalene	14.087	128	47687	1.207	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19166	0.890	ug/L	98

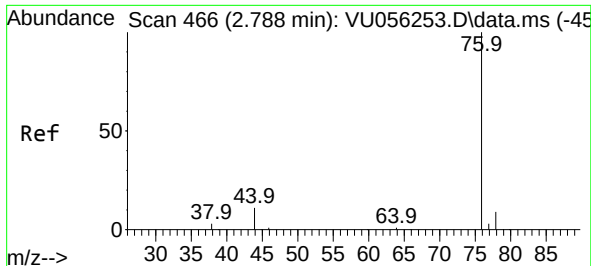
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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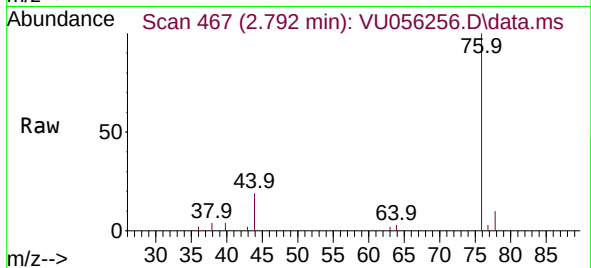
Quant Time: Nov 13 23:53:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
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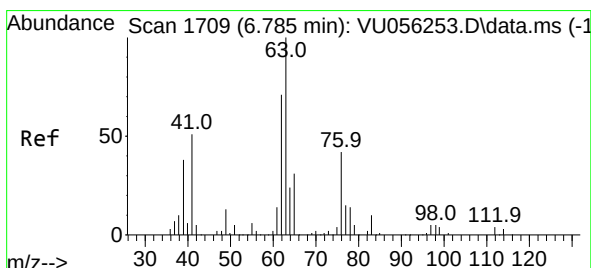
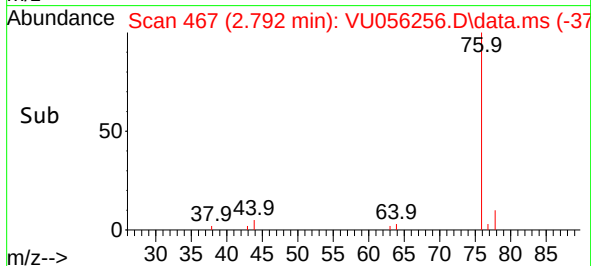
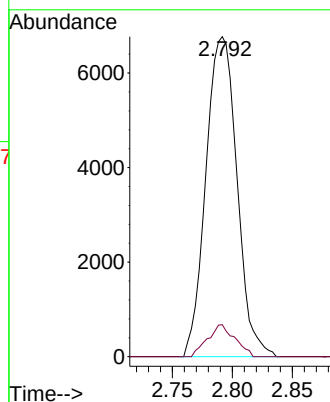


#14
Carbon disulfide
Concen: 0.175 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

Instrument :
MSVOA_U
ClientSampleId :

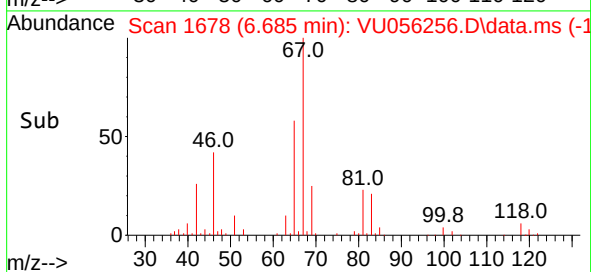
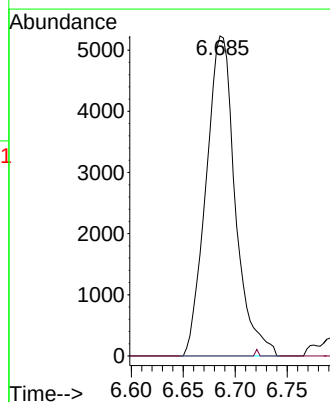
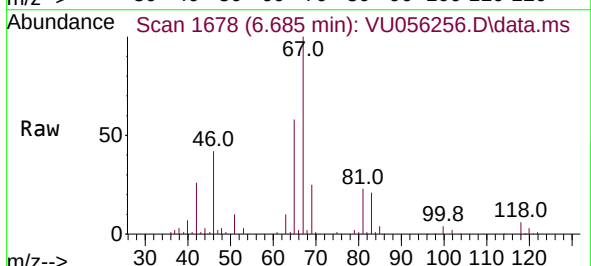


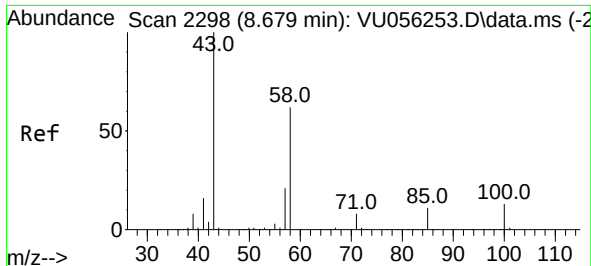
Tgt Ion: 76 Resp: 12212
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#37
1,2-Dichloropropane
Concen: 0.412 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

Tgt Ion: 63 Resp: 10205
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#

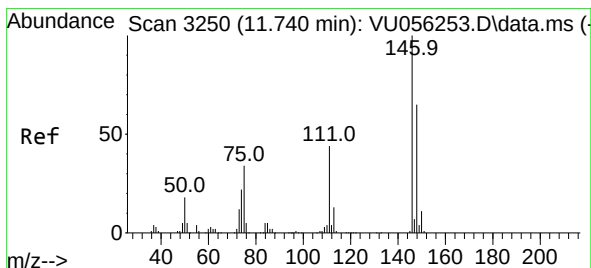
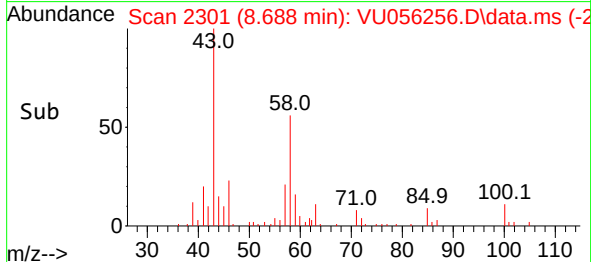
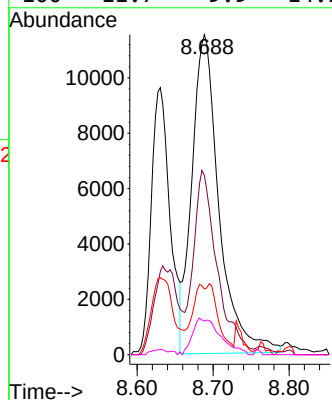
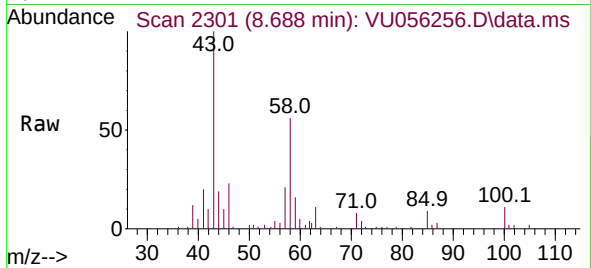




#48
2-Hexanone
Concen: 2.995 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

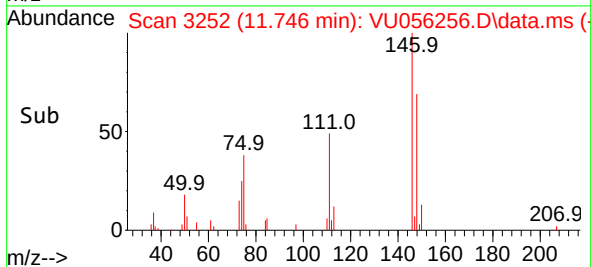
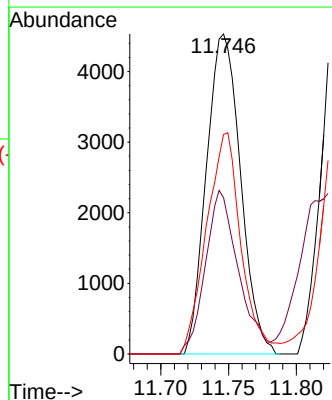
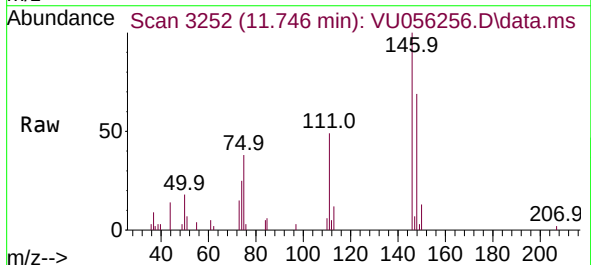
Instrument :
MSVOA_U
ClientSampleId :

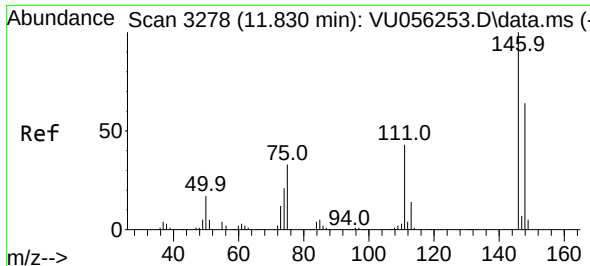
Tgt Ion: 43 Resp: 28643
Ion Ratio Lower Upper
43 100
58 48.6 48.7 73.1#
57 5.4 16.8 25.2#
100 11.7 9.9 14.9



#64
1,3-Dichlorobenzene
Concen: 0.186 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

Tgt Ion:146 Resp: 7942
Ion Ratio Lower Upper
146 100
111 48.9 31.1 57.7
148 68.6 45.1 83.9

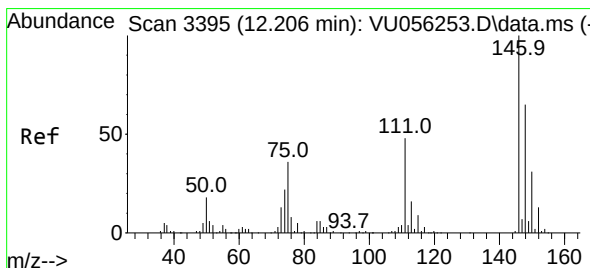
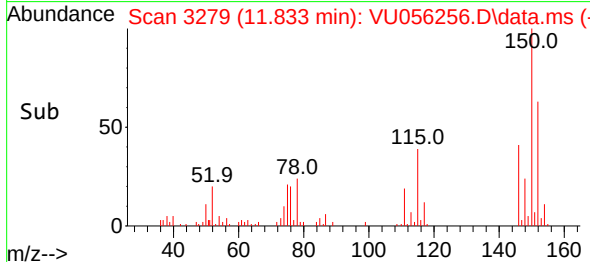
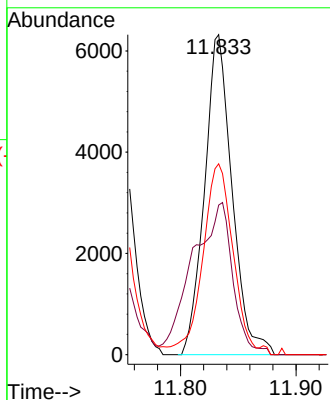
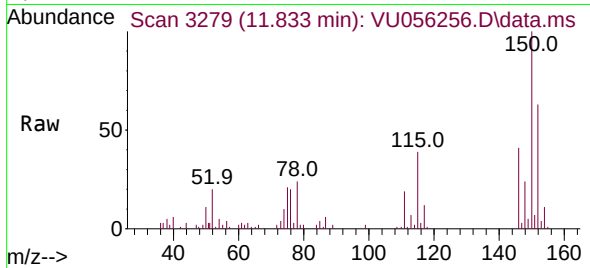




#65
1,4-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

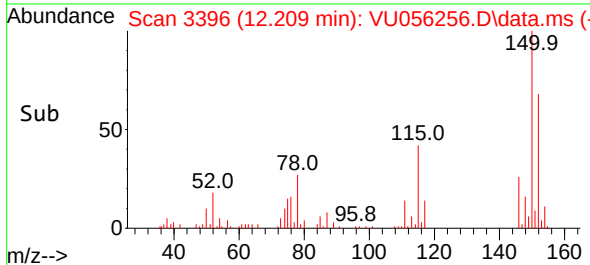
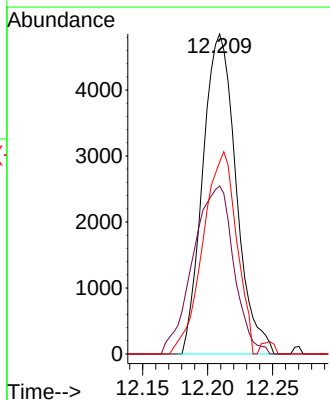
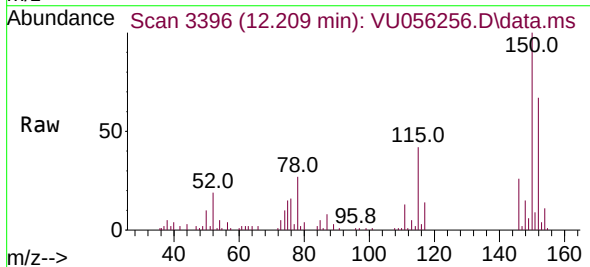
Instrument :
MSVOA_U
ClientSampleId :

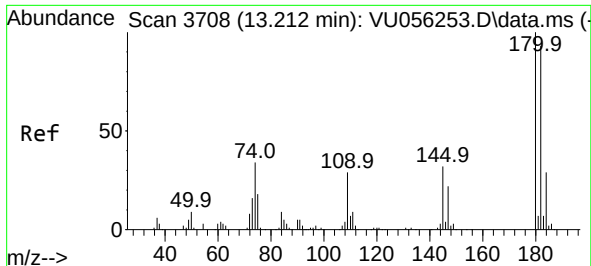
Tgt Ion:146 Resp: 10469
Ion Ratio Lower Upper
146 100
111 46.7 30.5 56.7
148 59.7 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.221 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU056256.D
Acq: 13 Nov 2023 16:27

Tgt Ion:146 Resp: 8629
Ion Ratio Lower Upper
146 100
111 52.5 38.3 57.5
148 60.0 52.2 78.4





#69

1,3,5-Trichlorobenzene

Concen: 0.362 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

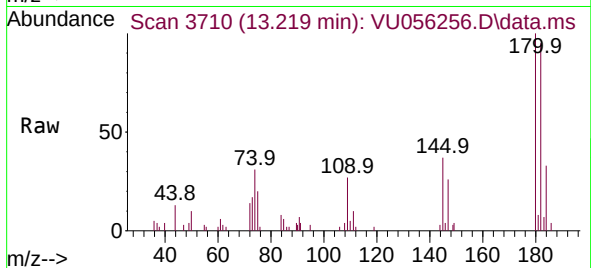
Lab File: VU056256.D

Acq: 13 Nov 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 11618

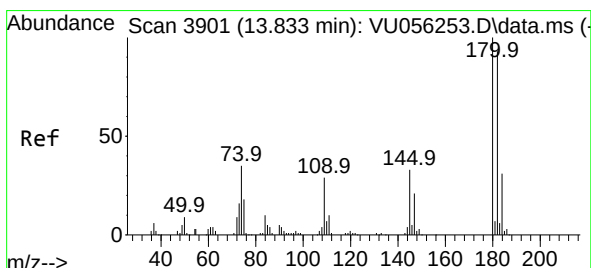
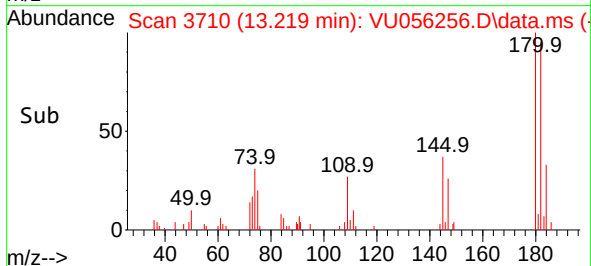
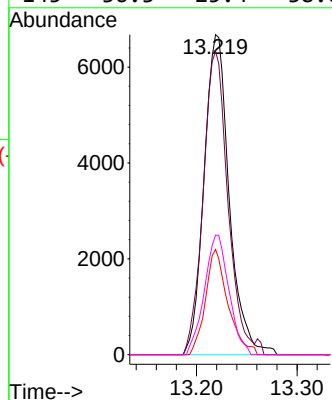
Ion Ratio Lower Upper

180 100

182 93.6 75.1 112.7

184 29.3 23.5 35.3

145 36.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.678 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU056256.D

Acq: 13 Nov 2023 16:27

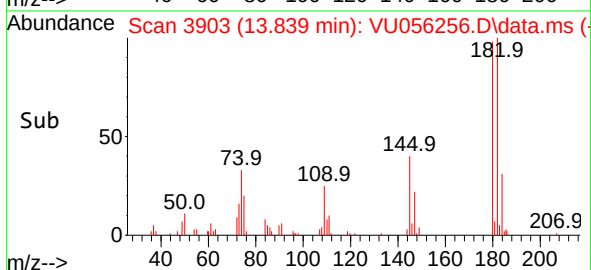
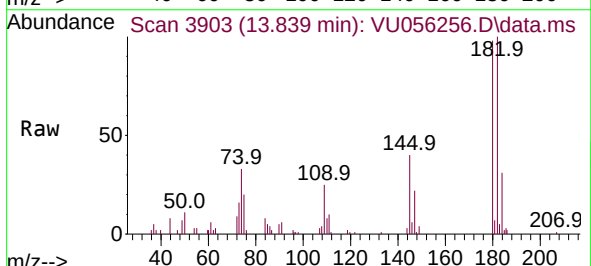
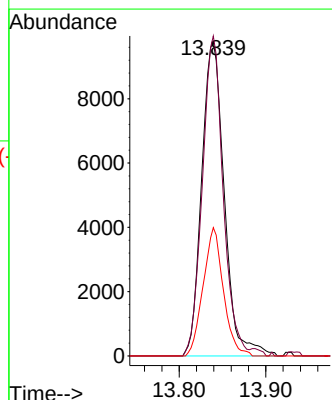
Tgt Ion:180 Resp: 17724

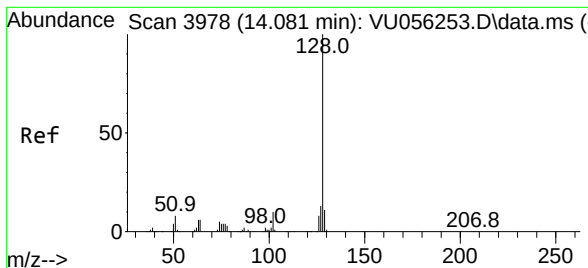
Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.2

145 36.6 26.8 40.2





#71

Naphthalene

Concen: 1.207 ug/L

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU056256.D

Acq: 13 Nov 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :

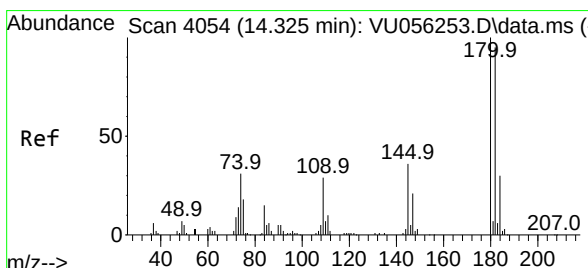
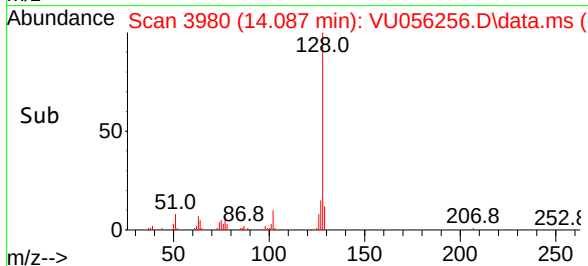
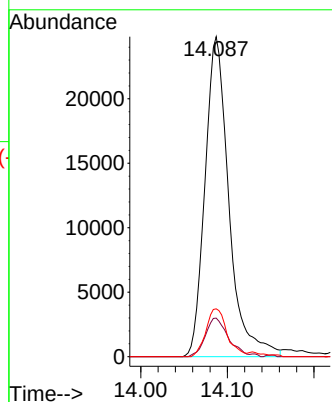
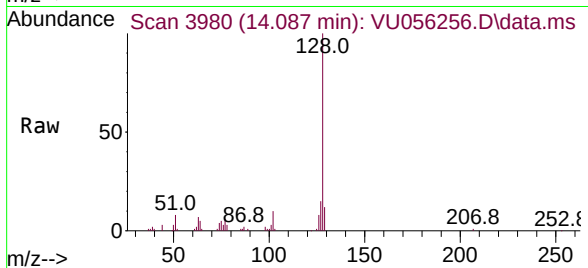
Tgt Ion:128 Resp: 47687

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 0.890 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056256.D

Acq: 13 Nov 2023 16:27

Tgt Ion:180 Resp: 19166

Ion Ratio Lower Upper

180 100

182 95.7 78.6 117.8

145 37.1 29.0 43.6

