

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051839.D
 Acq On : 14 Nov 2022 17:08
 Operator : JC/MD
 Sample : N5593-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD9

Quant Time: Nov 15 03:04:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

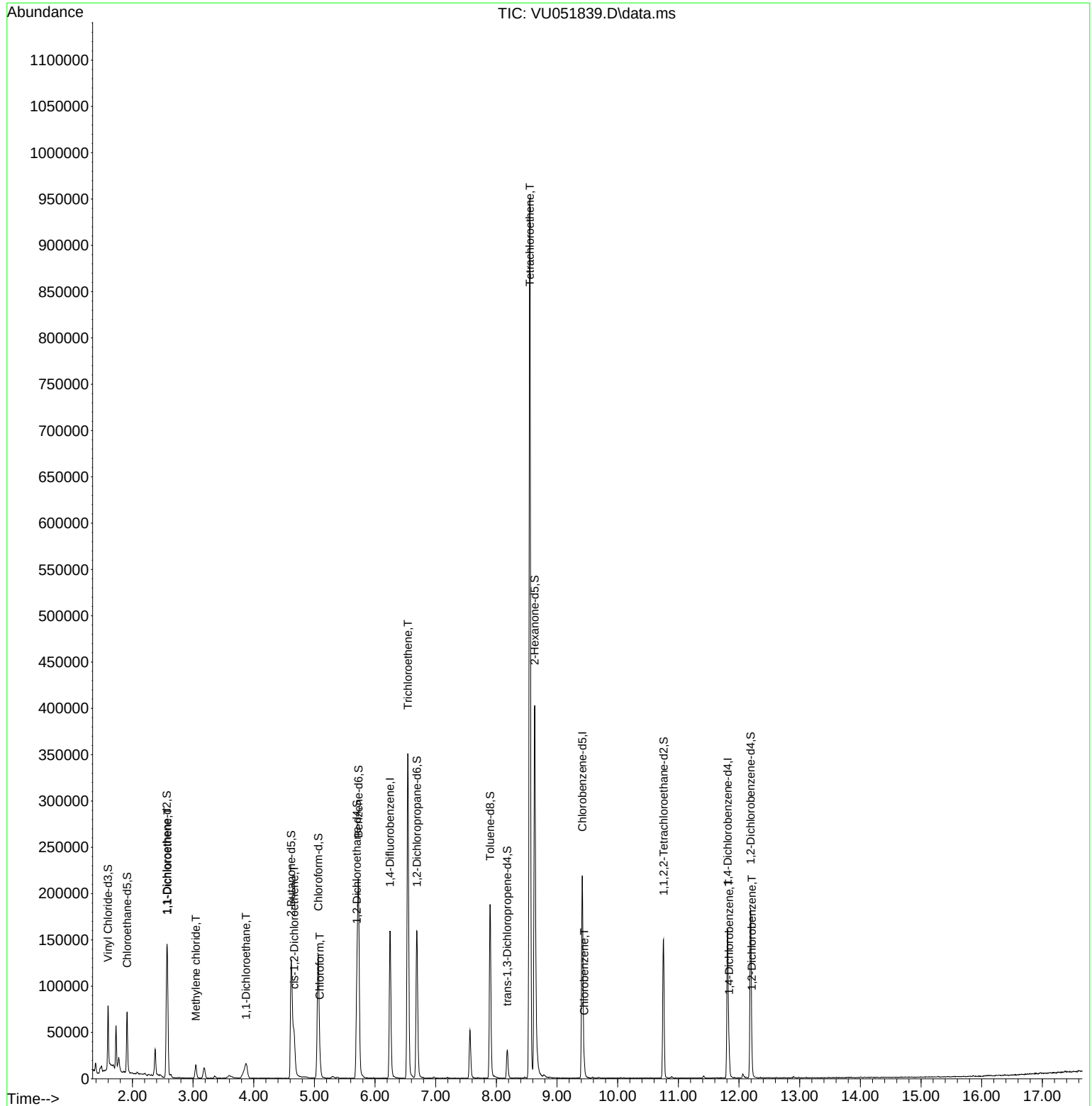
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46372	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.912	69	51268	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.565	65	17942	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.616	46	179454	50.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.063	84	122808	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.700	65	67509	5.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.726	84	209113	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.690	67	79640	5.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.896	98	134302	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	19498	4.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.629	63	132398	50.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77287	5.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	52898	6.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	30136	2.642	ug/L #	76
16) Methylene chloride	3.044	84	7157	0.383	ug/L	94
19) 1,1-Dichloroethane	3.870	63	6245	0.277	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	20554	1.517	ug/L	98
25) Chloroform	5.089	83	9551	0.408	ug/L	97
34) Trichloroethene	6.539	95	124974	10.245	ug/L	99
47) Tetrachloroethene	8.552	164	215665	23.084	ug/L	97
51) Chlorobenzene	9.449	112	7541	0.231	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	11141	0.688	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	3764	0.239	ug/L #	88

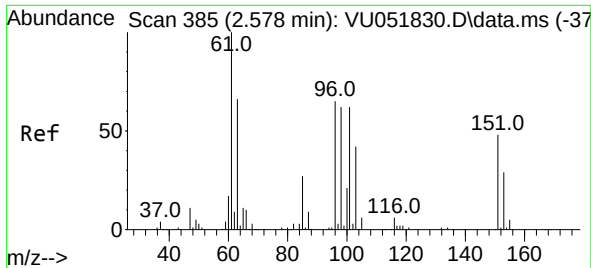
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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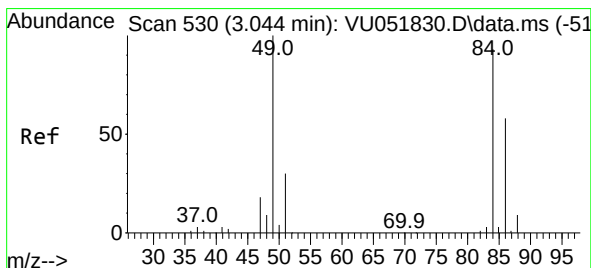
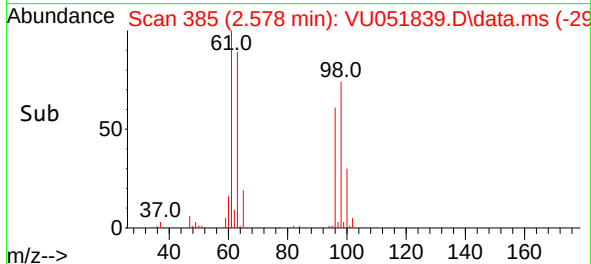
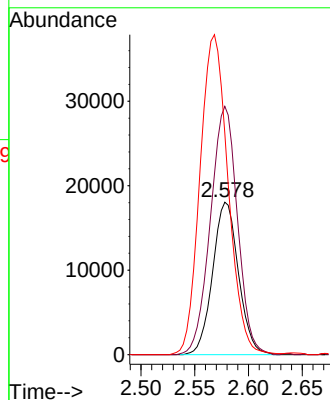
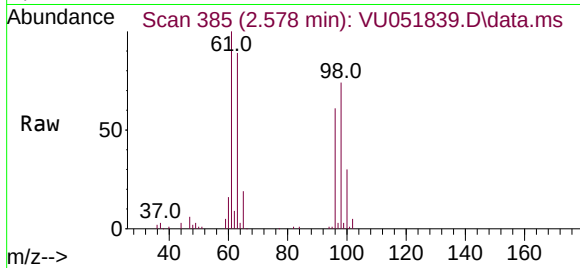




#12
1,1-Dichloroethene
Concen: 2.642 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051839.D
Acq: 14 Nov 2022 17:08

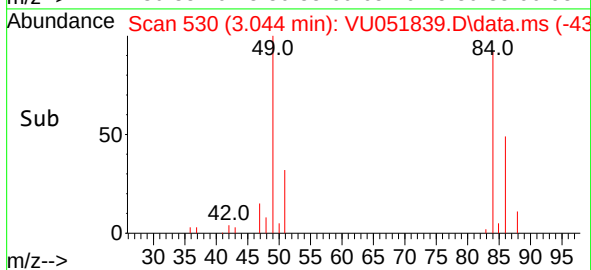
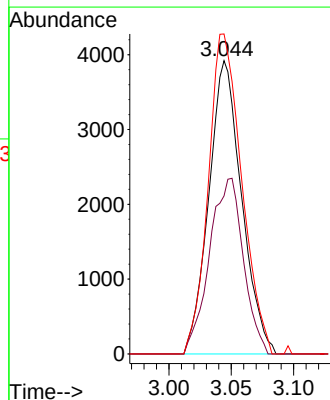
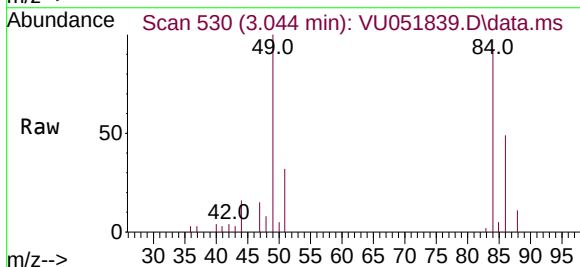
Instrument :
MSVOA_U
ClientSampleId :
H0AD9

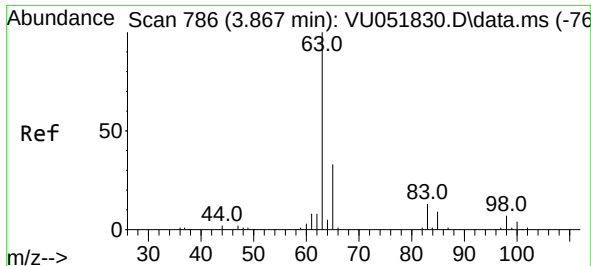
Tgt Ion: 96 Resp: 30136
Ion Ratio Lower Upper
96 100
61 162.9 108.8 202.0
63 145.1 64.9 120.5#



#16
Methylene chloride
Concen: 0.383 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051839.D
Acq: 14 Nov 2022 17:08

Tgt Ion: 84 Resp: 7157
Ion Ratio Lower Upper
84 100
86 53.9 46.3 85.9
49 109.2 76.0 141.2





#19

1,1-Dichloroethane

Concen: 0.277 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

H0AD9

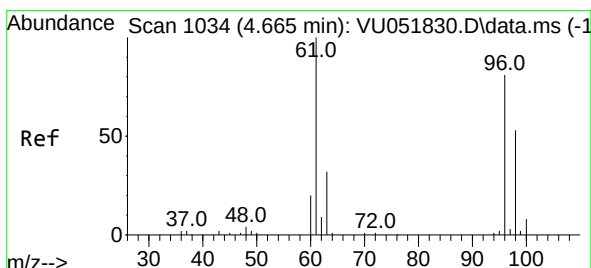
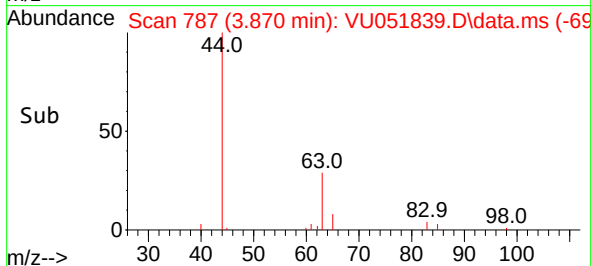
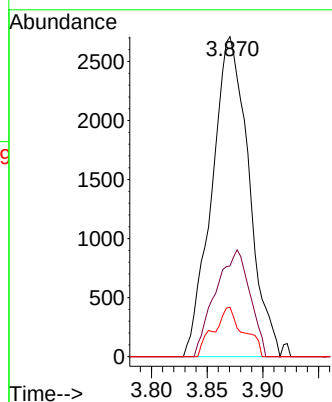
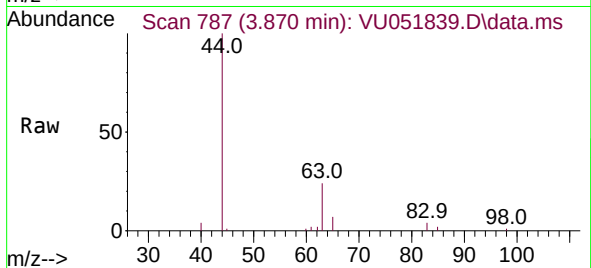
Tgt Ion: 63 Resp: 6245

Ion Ratio Lower Upper

63 100

65 28.3 22.7 42.1

83 15.5 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.517 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

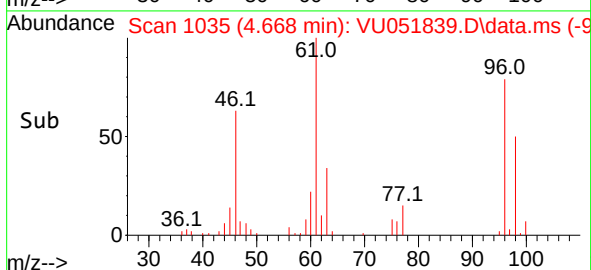
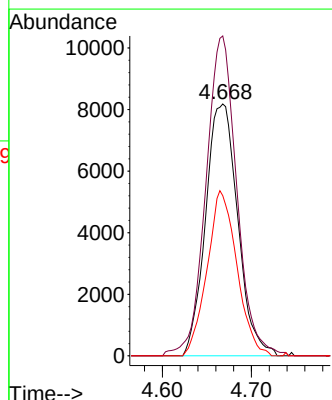
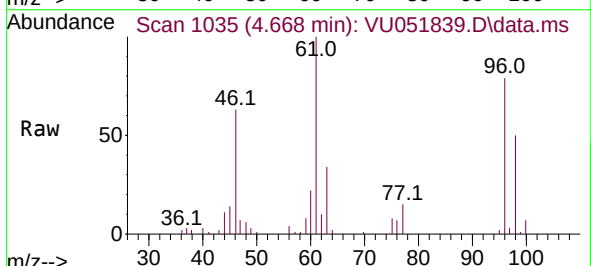
Tgt Ion: 96 Resp: 20554

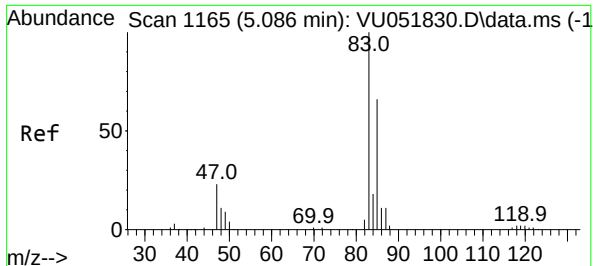
Ion Ratio Lower Upper

96 100

61 127.0 86.4 160.4

98 63.6 44.2 82.2





#25

Chloroform

Concen: 0.408 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

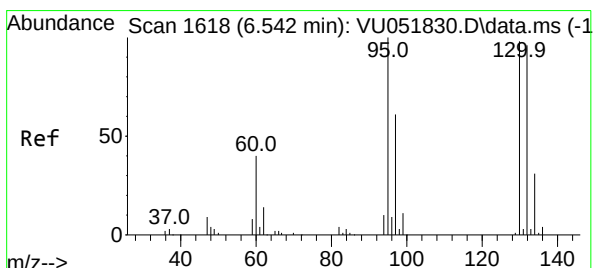
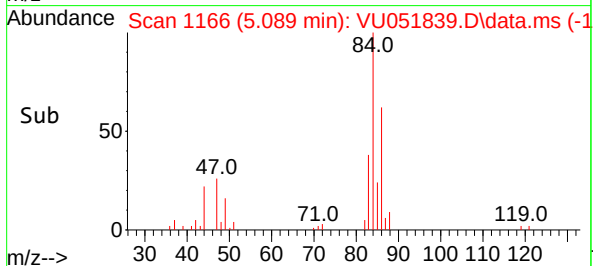
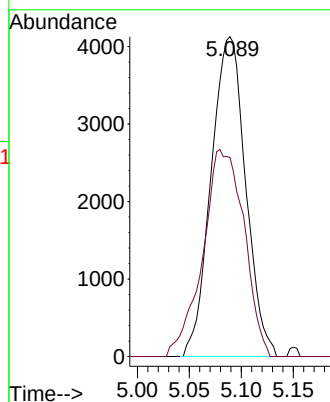
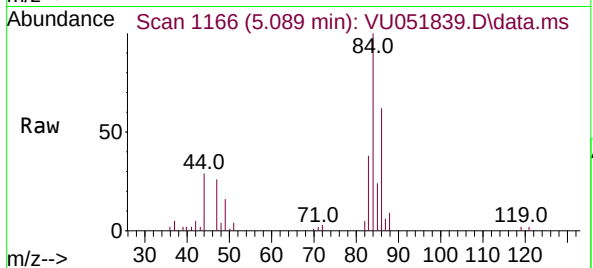
H0AD9

Tgt Ion: 83 Resp: 9551

Ion Ratio Lower Upper

83 100

85 62.2 45.2 84.0



#34

Trichloroethene

Concen: 10.245 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

Tgt Ion: 95 Resp: 124974

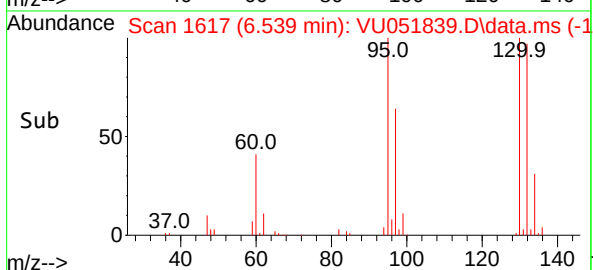
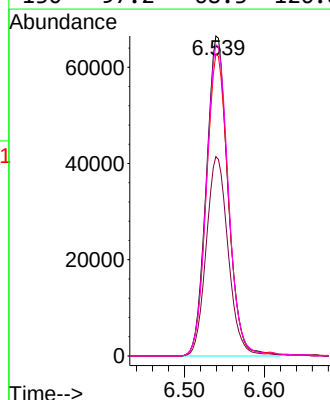
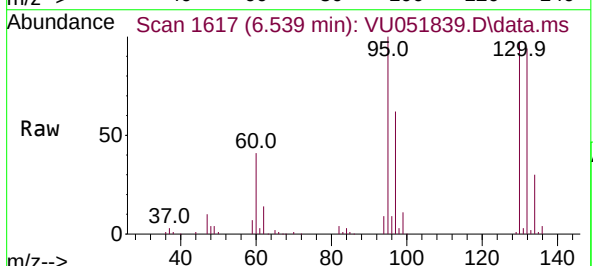
Ion Ratio Lower Upper

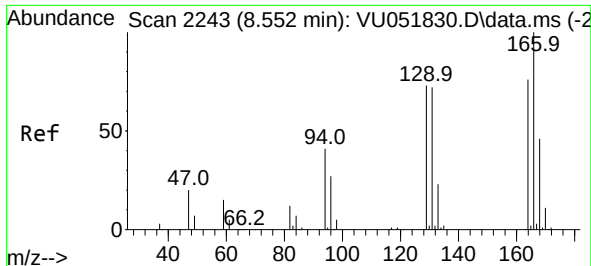
95 100

97 62.3 45.2 84.0

132 94.3 66.5 123.5

130 97.2 68.3 126.8





#47

Tetrachloroethene

Concen: 23.084 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

H0AD9

Tgt Ion:164 Resp: 215665

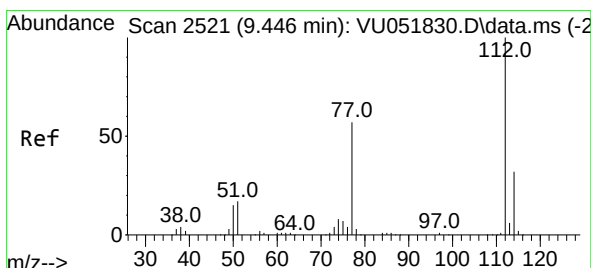
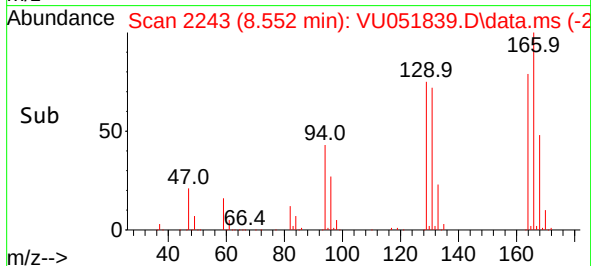
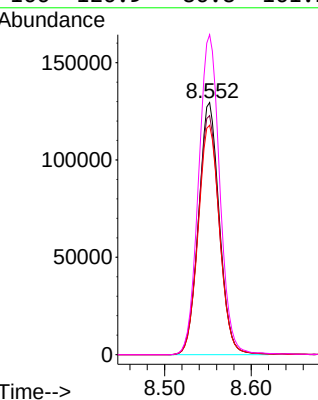
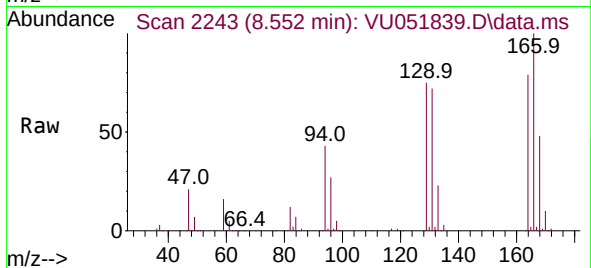
Ion Ratio Lower Upper

164 100

129 94.8 64.0 118.8

131 91.0 60.7 112.7

166 126.9 86.8 161.2



#51

Chlorobenzene

Concen: 0.231 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU051839.D

Acq: 14 Nov 2022 17:08

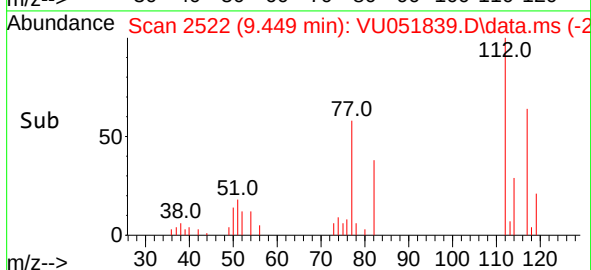
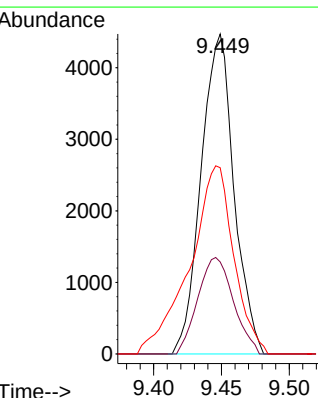
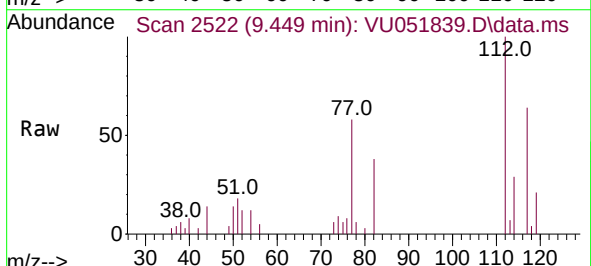
Tgt Ion:112 Resp: 7541

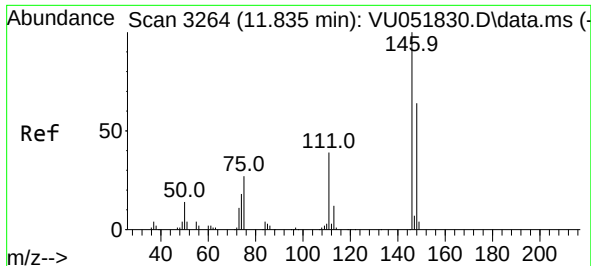
Ion Ratio Lower Upper

112 100

114 28.7 22.0 40.8

77 58.2 46.7 70.1

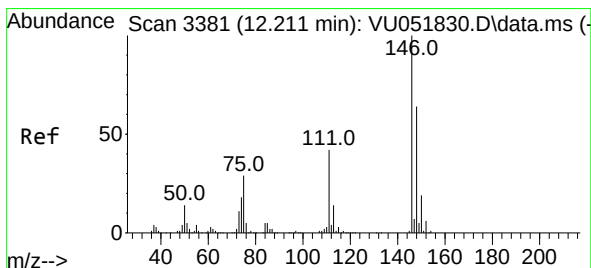
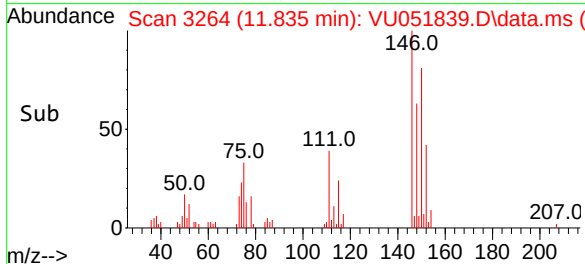
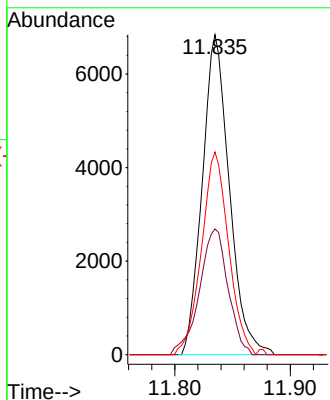
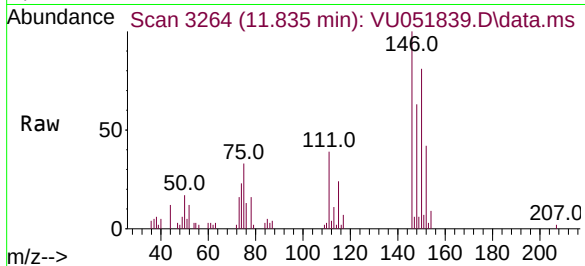




#65
1,4-Dichlorobenzene
Concen: 0.688 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051839.D
Acq: 14 Nov 2022 17:08

Instrument :
MSVOA_U
ClientSampleId :
H0AD9

Tgt Ion:	146	Resp:	11141
Ion Ratio	Lower	Upper	
146	100		
111	39.3	26.7	49.5
148	63.3	43.5	80.9



#67
1,2-Dichlorobenzene
Concen: 0.239 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051839.D
Acq: 14 Nov 2022 17:08

Tgt Ion:	146	Resp:	3764
Ion Ratio	Lower	Upper	
146	100		
111	33.1	34.2	51.2#
148	54.5	50.1	75.1

