

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051825.D
 Acq On : 11 Nov 2022 19:23
 Operator : JC/MD
 Sample : N5593-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 01:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

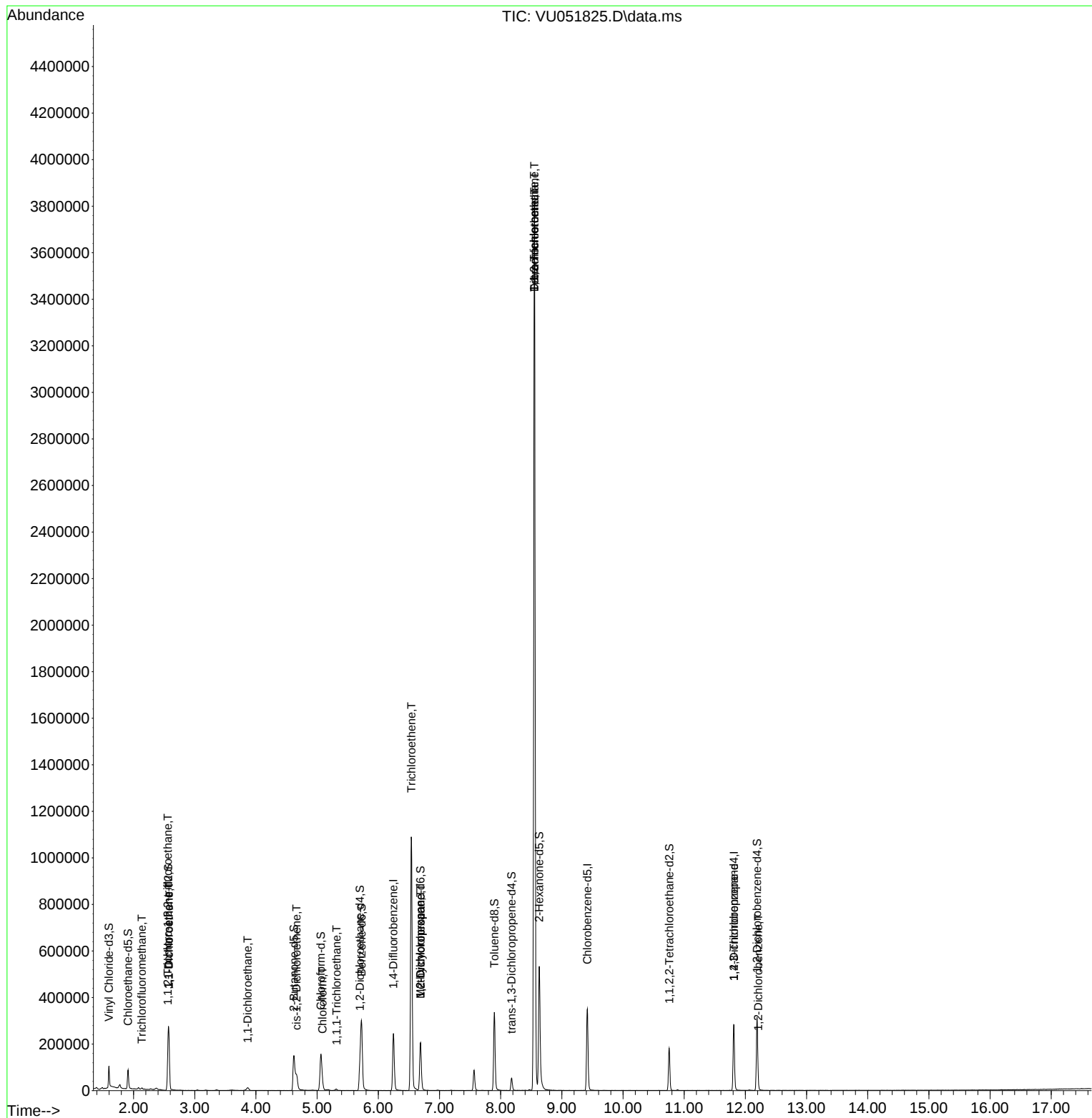
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	205679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66390	4.403	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.909	69	65679	4.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.600%	
11) 1,1-Dichloroethene-d2	2.565	65	27937	5.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	4.620	46	217300	39.797	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.600%	
24) Chloroform-d	5.060	84	145066	4.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.700	65	79777	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
32) Benzene-d6	5.726	84	295747	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.690	67	104672	4.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.896	98	234845	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.179	79	31621	4.557	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.629	63	190430	45.584	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.160%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91990	4.423	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87459	5.910	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.200%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.134	101	2616	0.090	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	948	0.056	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	64666	3.716	ug/L	89
19) 1,1-Dichloroethane	3.864	63	8238	0.239	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	28537	1.381	ug/L	99
25) Chloroform	5.089	83	21539	0.603	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	4516	0.162	ug/L	87
34) Trichloroethene	6.539	95	376346	19.213	ug/L	99
35) Methylcyclohexane	6.687	83	22954	0.848	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10172	0.487	ug/L #	89
45) 1,1,2-Trichloroethane	8.549	97	6417	0.419	ug/L #	1
47) Tetrachloroethene	8.552	164	856836	57.116	ug/L	95
49) Dibromochloromethane	8.552	129	826319	47.282	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9524	0.913	ug/L #	65
67) 1,2-Dichlorobenzene	12.211	146	2300	0.081	ug/L	92

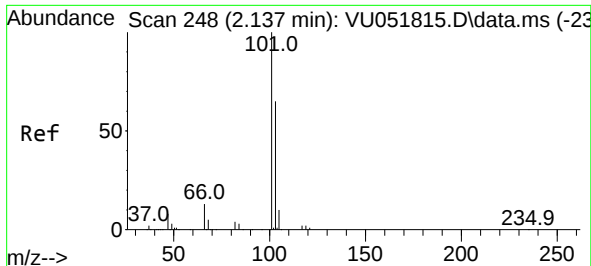
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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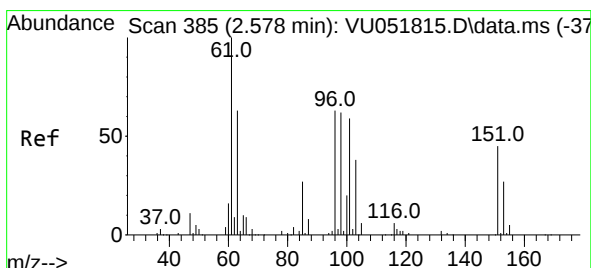
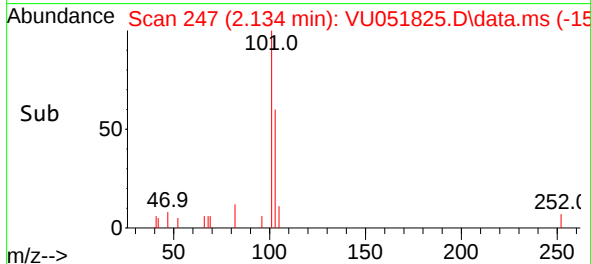
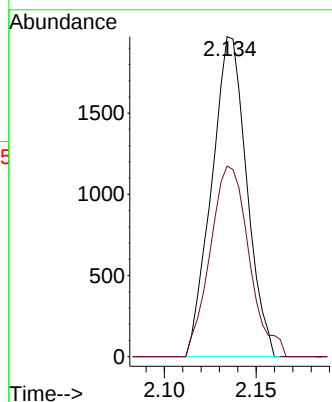
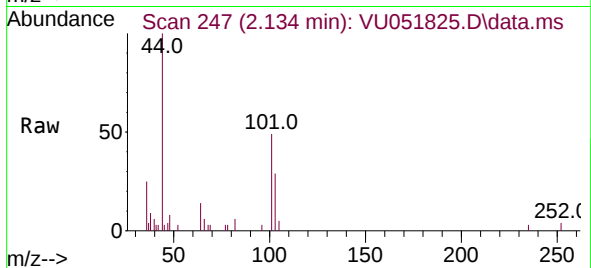




#9
 Trichlorofluoromethane
 Concen: 0.090 ug/L
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU051825.D
 Acq: 11 Nov 2022 19:23

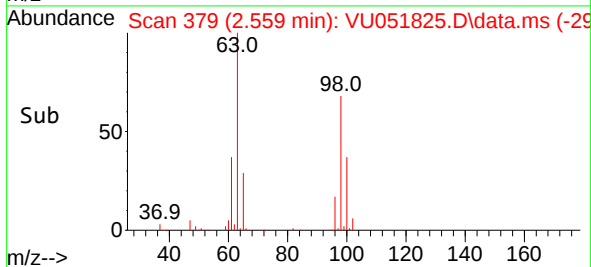
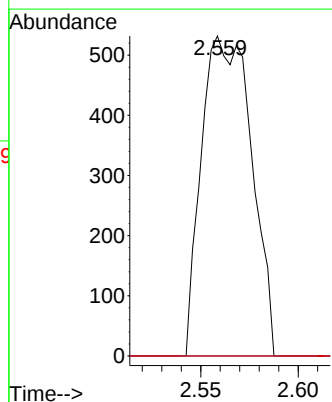
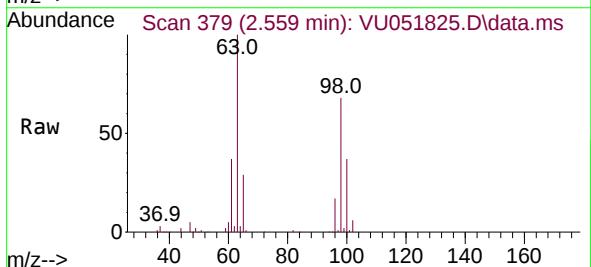
Instrument :
 MSVOA_U
 ClientSampleId :

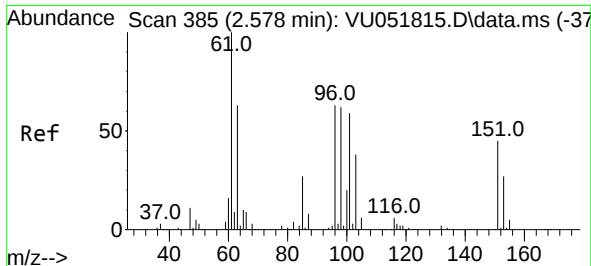
Tgt Ion:101 Resp: 2616
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU051825.D
 Acq: 11 Nov 2022 19:23

Tgt Ion:101 Resp: 948
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#

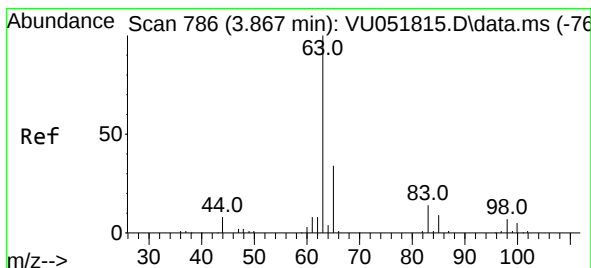
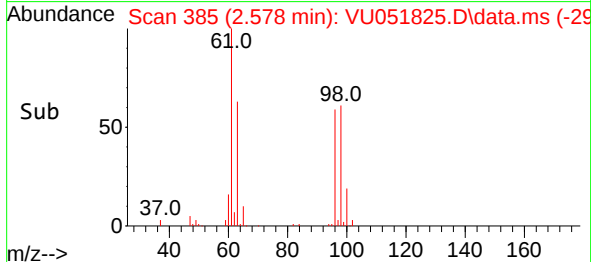
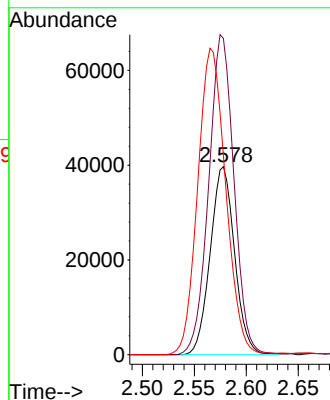
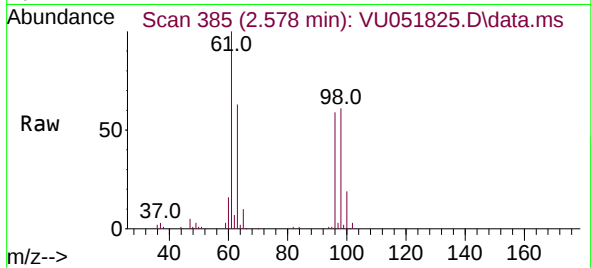




#12
1,1-Dichloroethene
Concen: 3.716 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051825.D
Acq: 11 Nov 2022 19:23

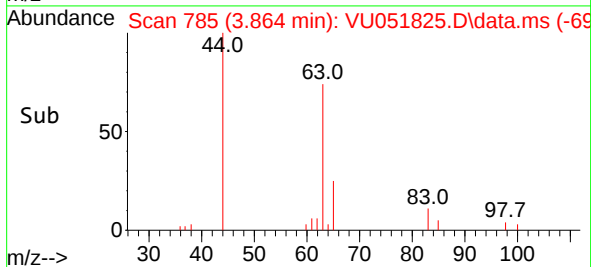
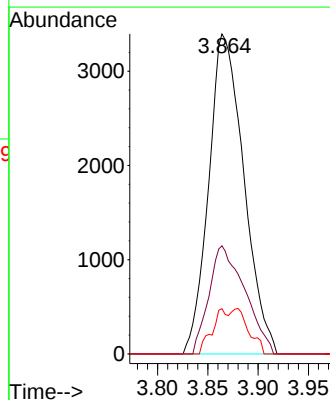
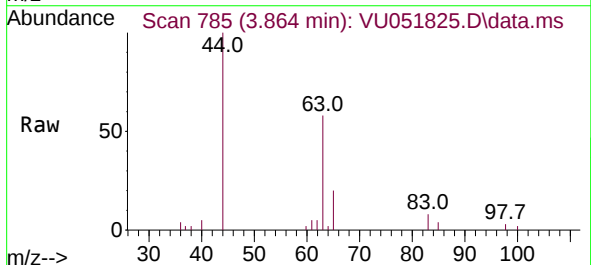
Instrument :
MSVOA_U
ClientSampleId :

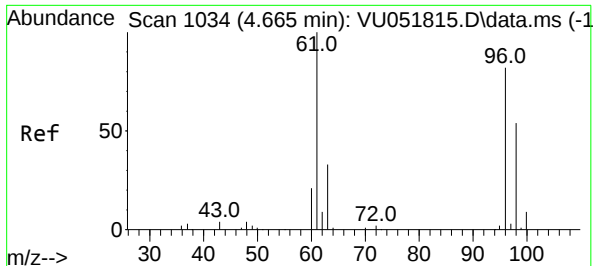
Tgt Ion: 96 Resp: 64666
Ion Ratio Lower Upper
96 100
61 168.3 108.8 202.0
63 106.1 64.9 120.5



#19
1,1-Dichloroethane
Concen: 0.239 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU051825.D
Acq: 11 Nov 2022 19:23

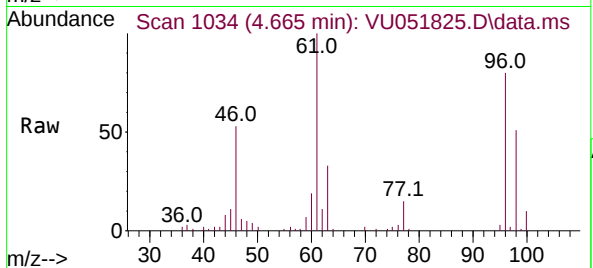
Tgt Ion: 63 Resp: 8238
Ion Ratio Lower Upper
63 100
65 33.8 22.7 42.1
83 14.2 9.2 17.0





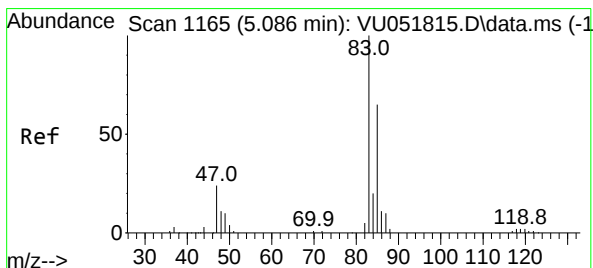
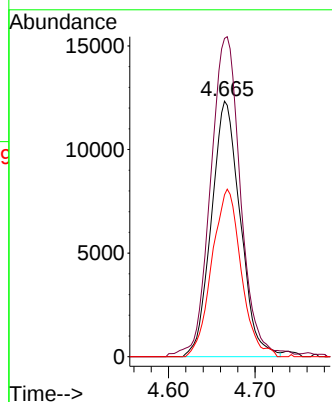
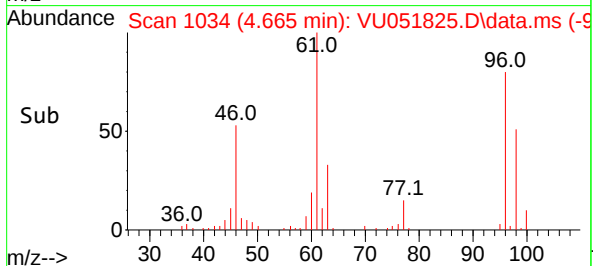
#22
 cis-1,2-Dichloroethene
 Concen: 1.381 ug/L
 RT: 4.665 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VU051825.D
 Acq: 11 Nov 2022 19:23

Instrument :
 MSVOA_U
 ClientSampleId :

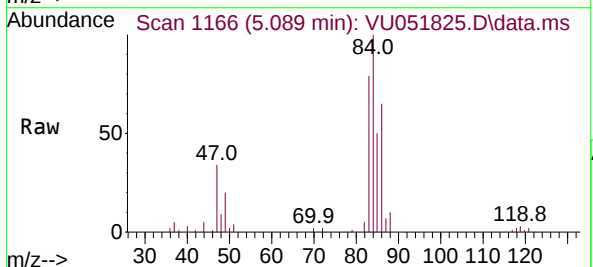


Tgt Ion: 96 Resp: 28537

Ion	Ratio	Lower	Upper
96	100		
61	124.5	86.4	160.4
98	63.4	44.2	82.2

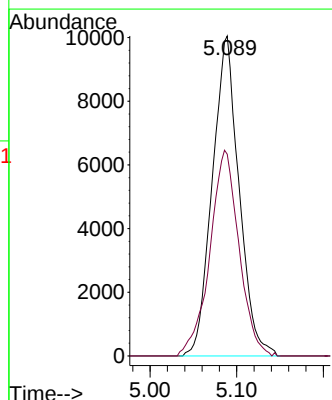
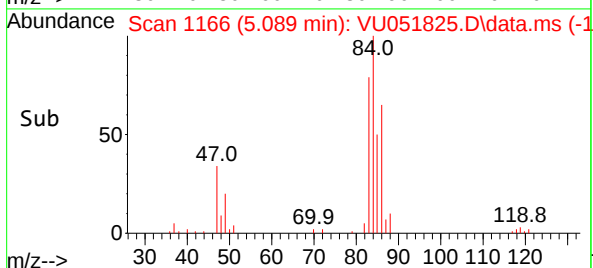


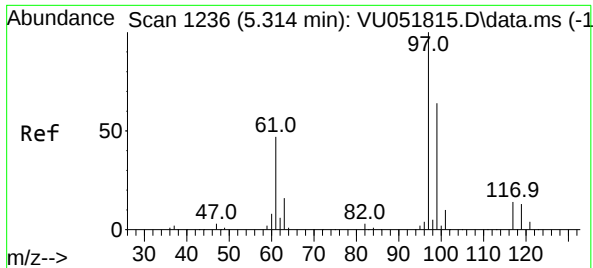
#25
 Chloroform
 Concen: 0.603 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. 0.003 min
 Lab File: VU051825.D
 Acq: 11 Nov 2022 19:23



Tgt Ion: 83 Resp: 21539

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.2	84.0





#29

1,1,1-Trichloroethane

Concen: 0.162 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

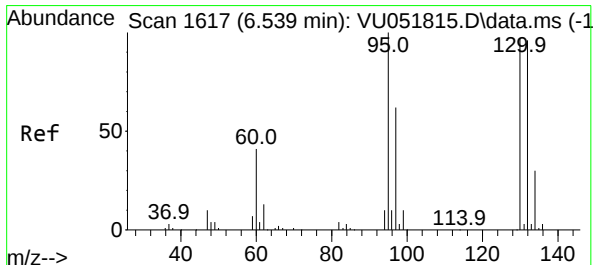
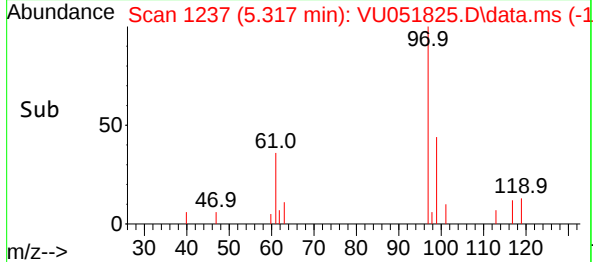
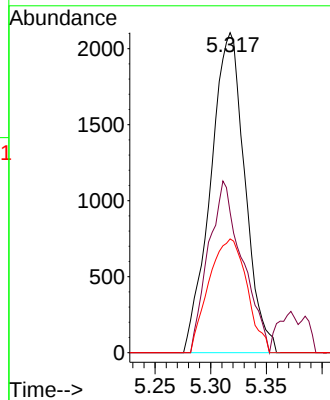
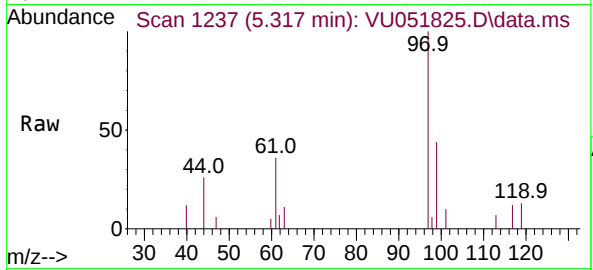
Tgt Ion: 97 Resp: 4516

Ion Ratio Lower Upper

97 100

99 52.9 51.1 76.7

61 39.4 37.4 56.0



#34

Trichloroethene

Concen: 19.213 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Tgt Ion: 95 Resp: 376346

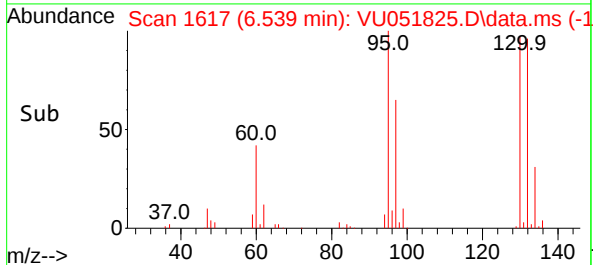
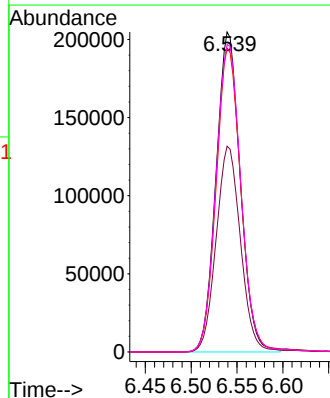
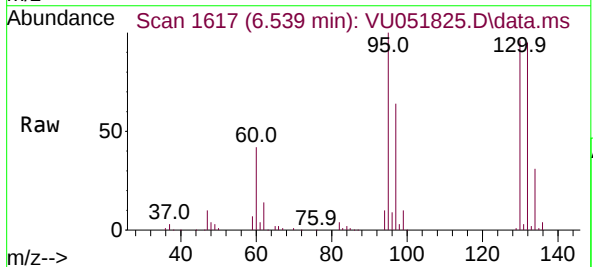
Ion Ratio Lower Upper

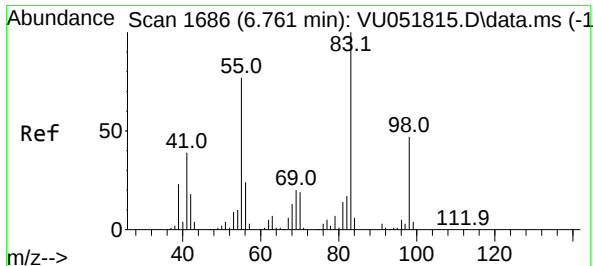
95 100

97 64.3 45.2 84.0

132 94.9 66.5 123.5

130 96.0 68.3 126.8





#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

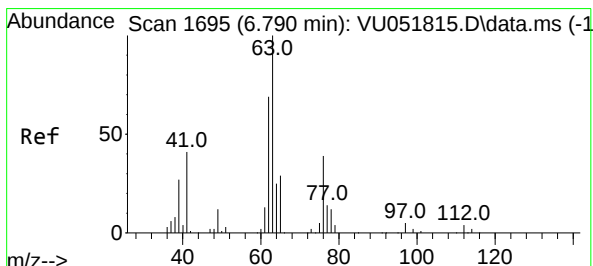
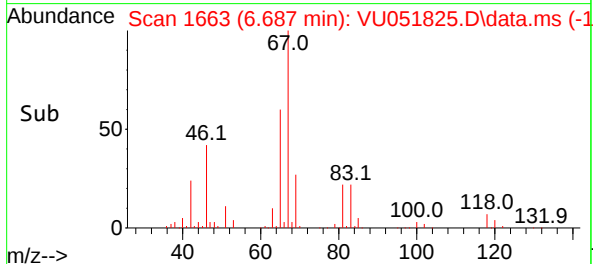
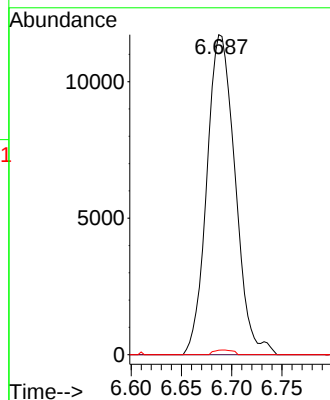
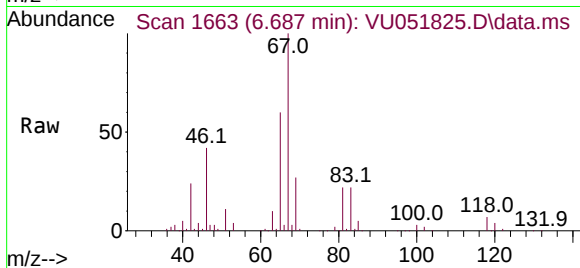
Tgt Ion: 83 Resp: 22954

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 0.0 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.487 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051825.D

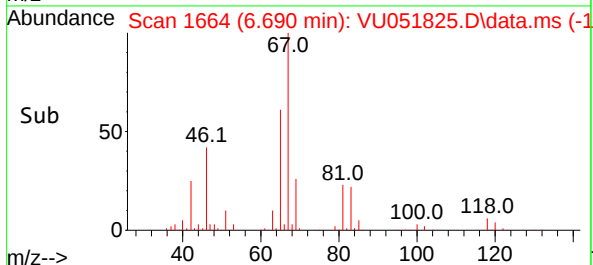
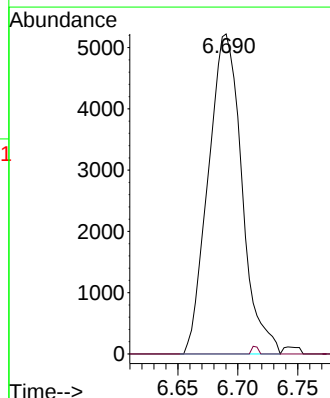
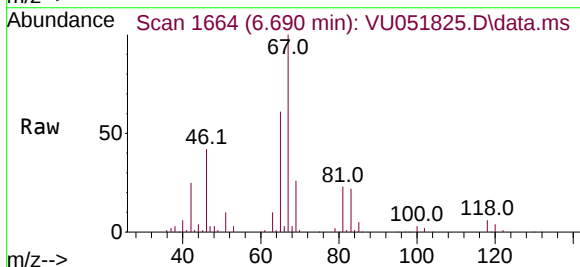
Acq: 11 Nov 2022 19:23

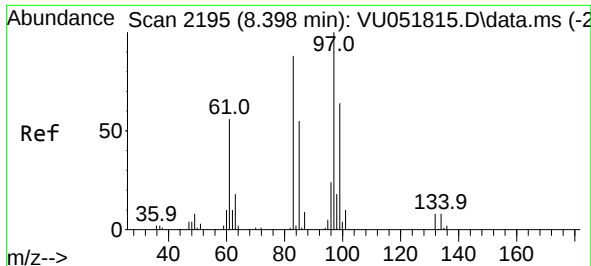
Tgt Ion: 63 Resp: 10172

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.419 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 6417

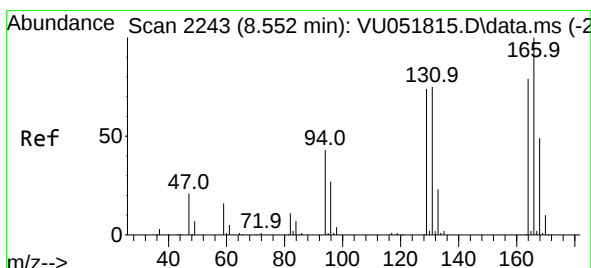
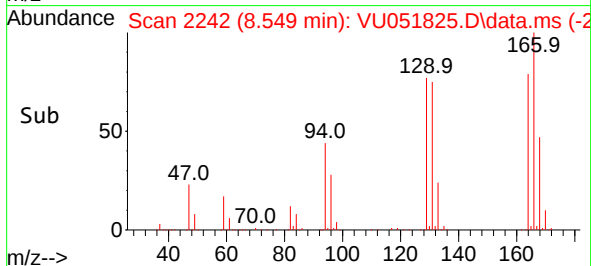
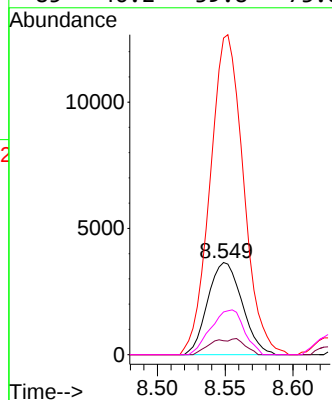
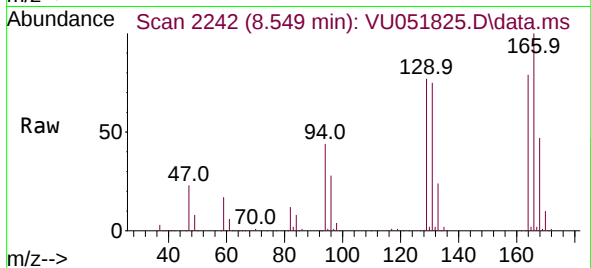
Ion Ratio Lower Upper

97 100

99 15.1 43.4 80.6#

83 343.2 61.3 113.9#

85 46.2 39.8 73.8



#47

Tetrachloroethene

Concen: 57.116 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Tgt Ion:164 Resp: 856836

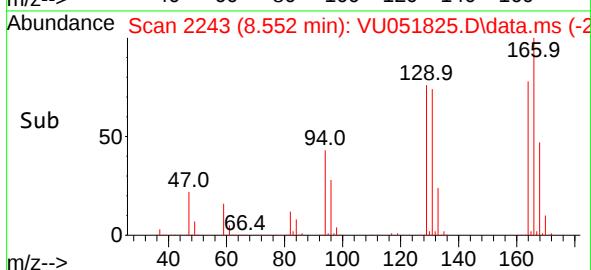
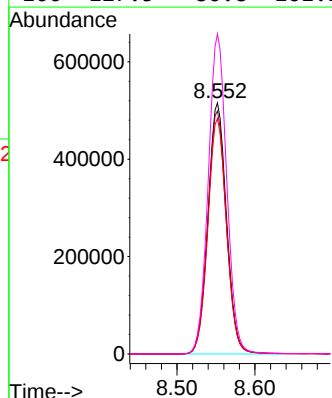
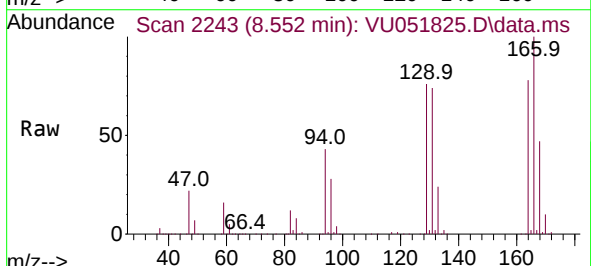
Ion Ratio Lower Upper

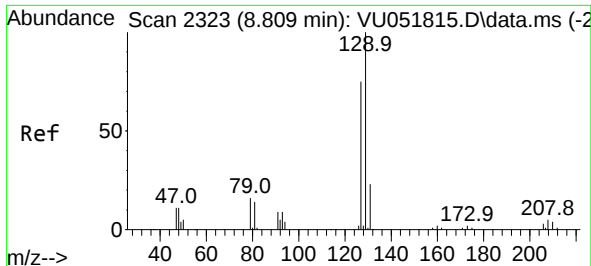
164 100

129 96.8 64.0 118.8

131 93.7 60.7 112.7

166 127.5 86.8 161.2





#49

Dibromochloromethane

Concen: 47.282 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Instrument :

MSVOA_U

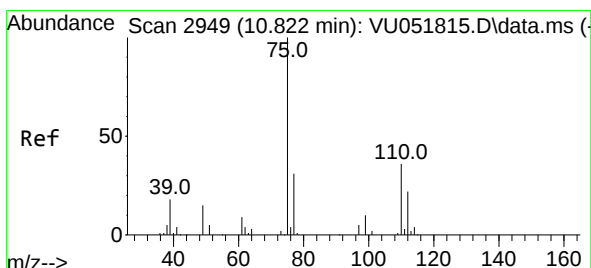
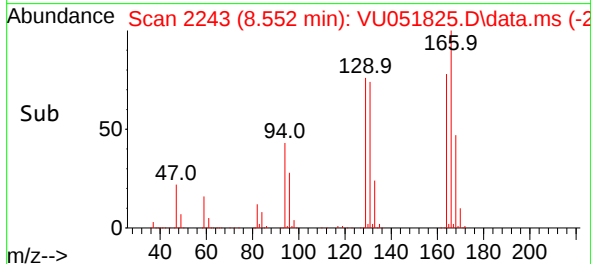
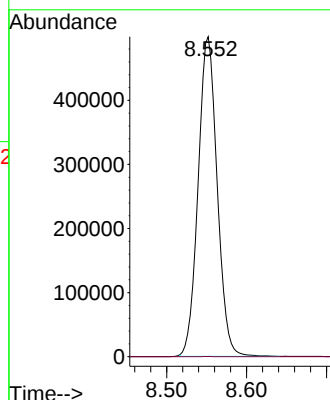
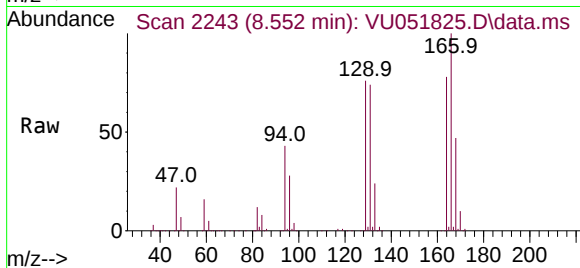
ClientSampleId :

Tgt Ion:129 Resp: 826319

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.913 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

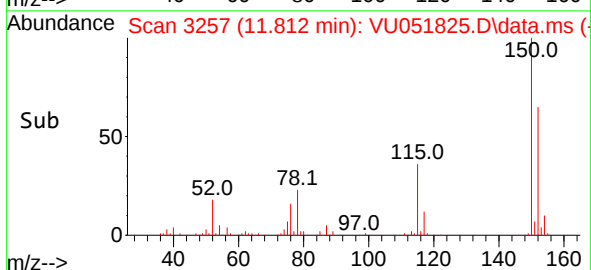
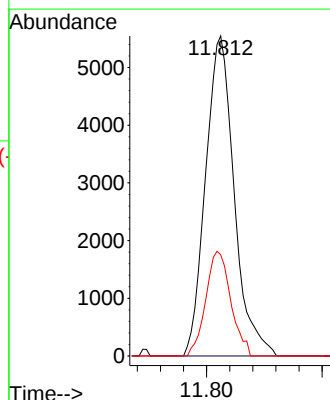
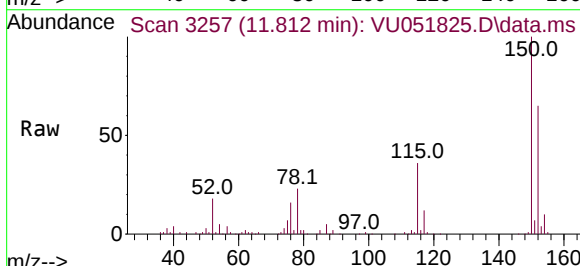
Tgt Ion: 75 Resp: 9524

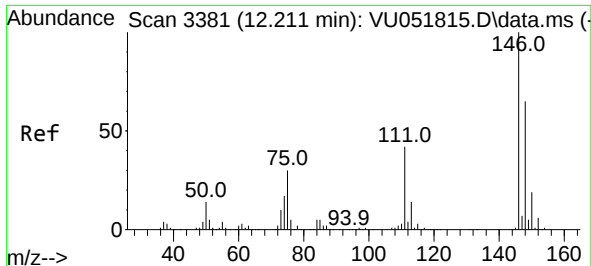
Ion Ratio Lower Upper

75 100

110 0.0 28.7 43.1#

77 28.6 26.1 39.1





#67

1,2-Dichlorobenzene

Concen: 0.081 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

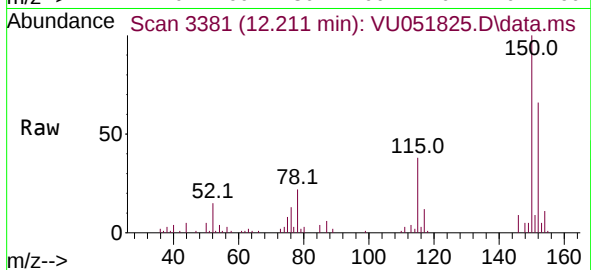
Lab File: VU051825.D

Acq: 11 Nov 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 2300

Ion Ratio Lower Upper

146 100

111 39.2 34.2 51.2

148 54.5 50.1 75.1

