

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051611.D
 Acq On : 31 Oct 2022 15:04
 Operator : JC/MD
 Sample : N5319-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA9

Quant Time: Nov 01 01:27:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

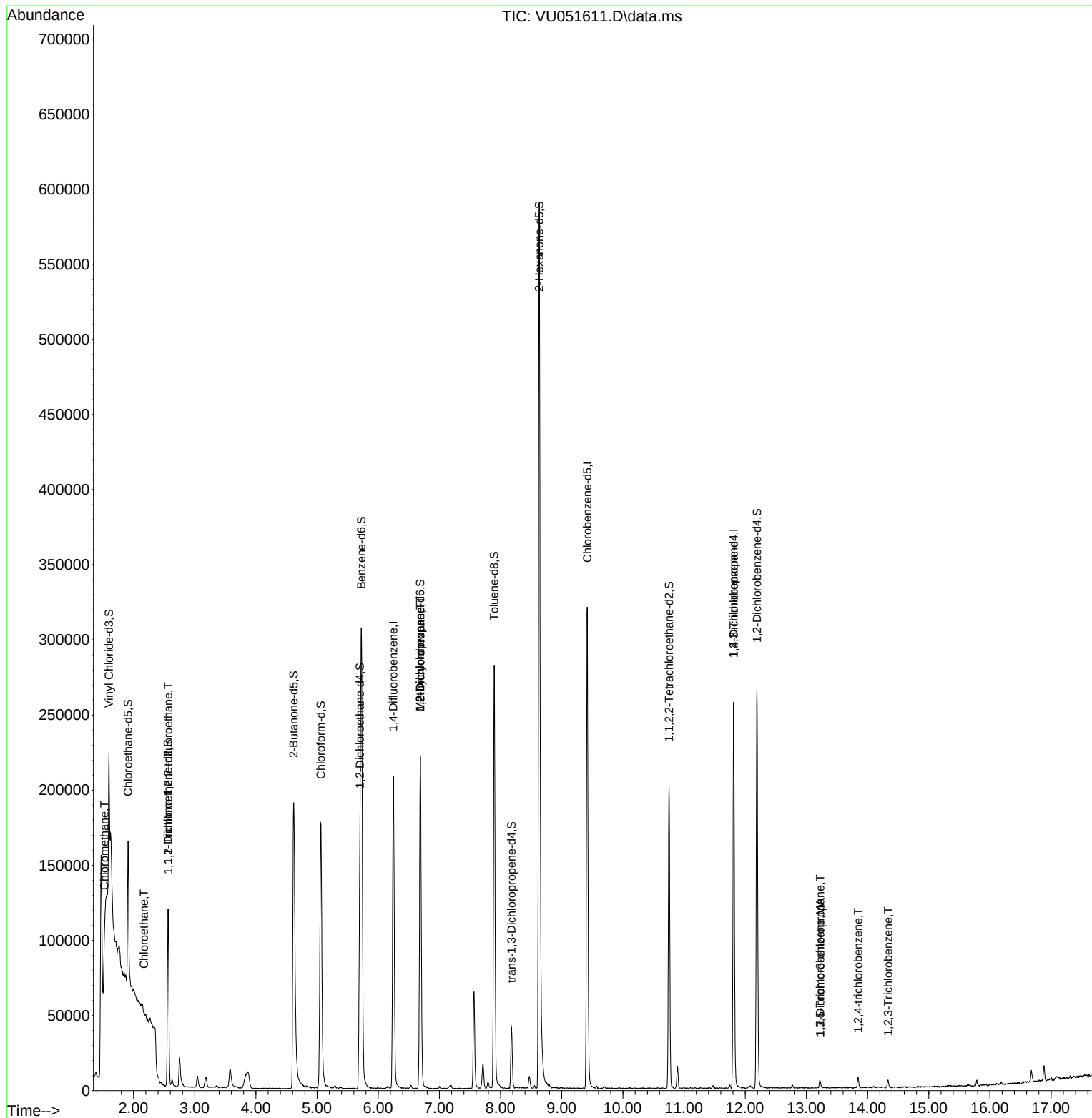
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	187835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62722	4.701	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.909	69	74936	5.386	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.800%	
11) 1,1-Dichloroethene-d2	2.565	65	23026	4.756	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.616	46	279201	57.787	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.580%	
24) Chloroform-d	5.060	84	168559	5.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.000%	
26) 1,2-Dichloroethane-d4	5.700	65	95286	5.650	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.726	84	296133	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.687	67	111449	5.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.896	98	197776	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.179	79	24094	3.802	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.632	63	189540	49.681	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.360%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105297	5.544	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	74774	5.658	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	5072	0.208	ug/L #	71
8) Chloroethane	2.170	64	6832	0.481	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	888	0.059	ug/L #	37
35) Methylcyclohexane	6.687	83	25457	1.029	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11377	0.597	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	9276	0.996	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	13.224	75	291	0.152	ug/L #	3
69) 1,3,5-Trichlorobenzene	13.227	180	2077	0.111	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	2959	0.207	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.336	180	1957	0.135	ug/L #	84

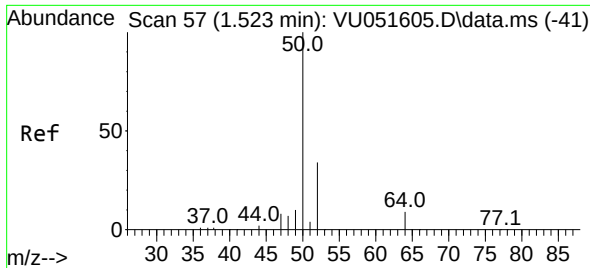
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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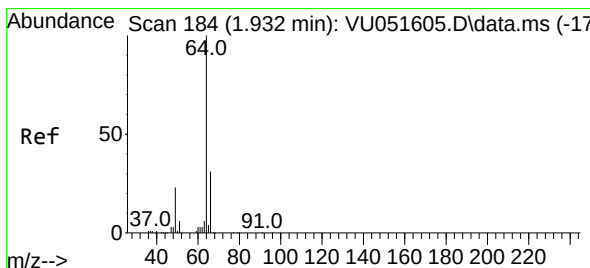
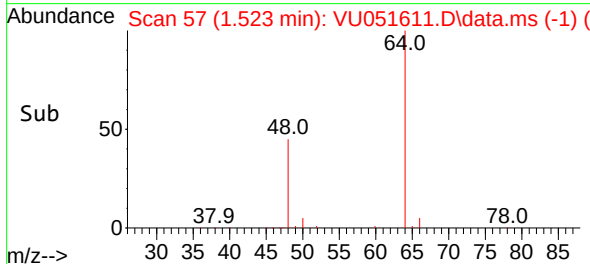
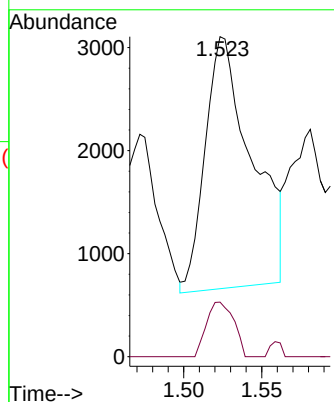
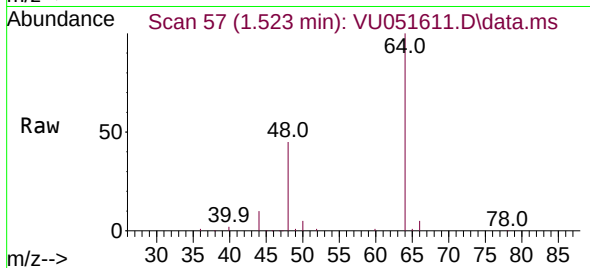




#3
Chloromethane
Concen: 0.208 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

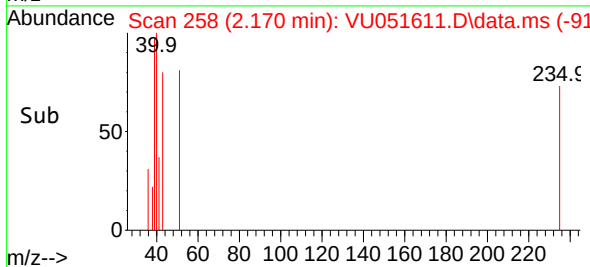
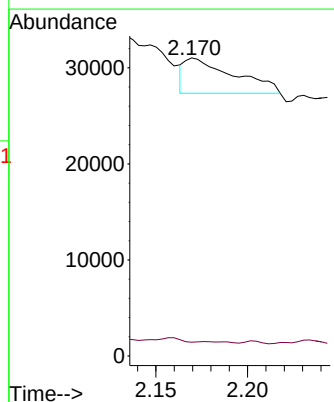
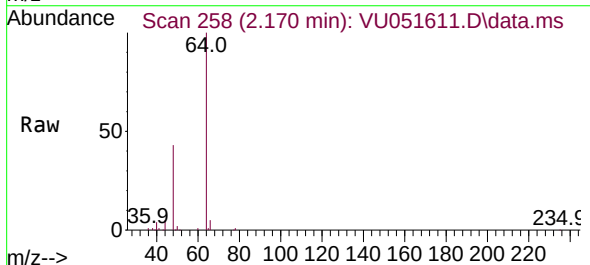
Instrument :
MSVOA_U
ClientSampleId :
BHAA9

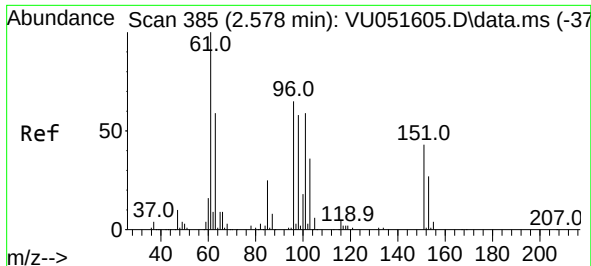
Tgt Ion: 50 Resp: 5072
Ion Ratio Lower Upper
50 100
52 17.0 23.2 43.2#



#8
Chloroethane
Concen: 0.481 ug/L
RT: 2.170 min Scan# 258
Delta R.T. 0.238 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

Tgt Ion: 64 Resp: 6832
Ion Ratio Lower Upper
64 100
66 4.6 22.3 41.5#

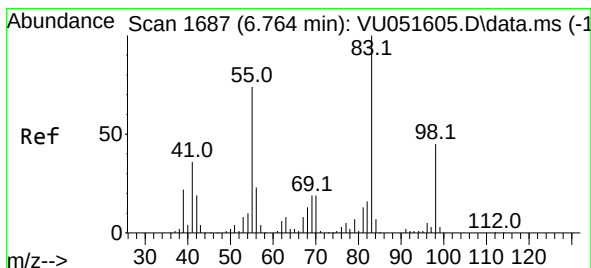
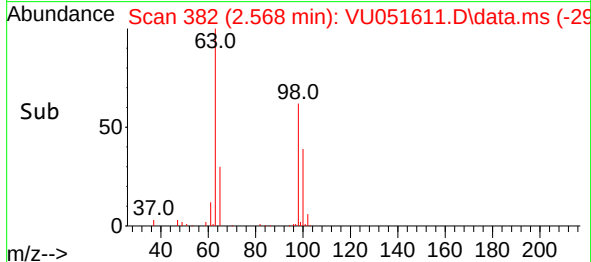
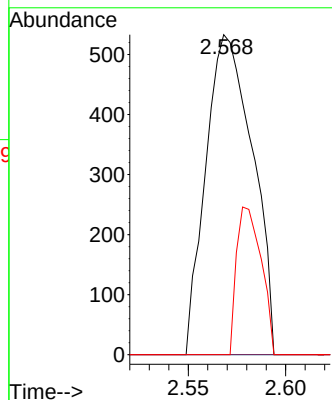
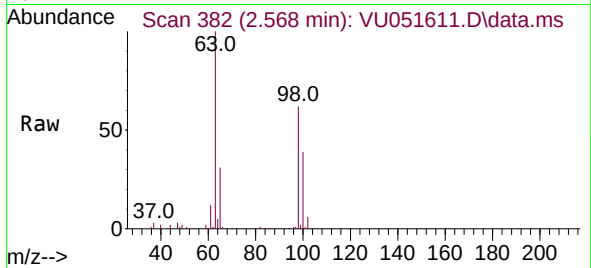




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

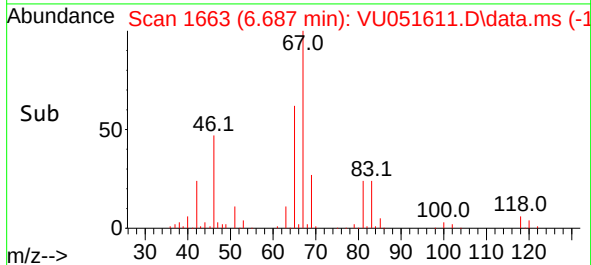
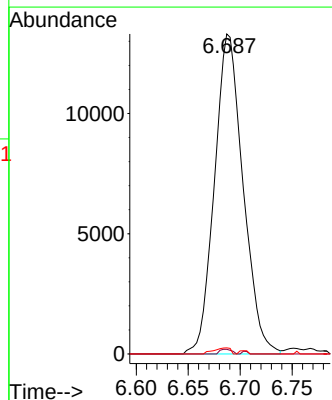
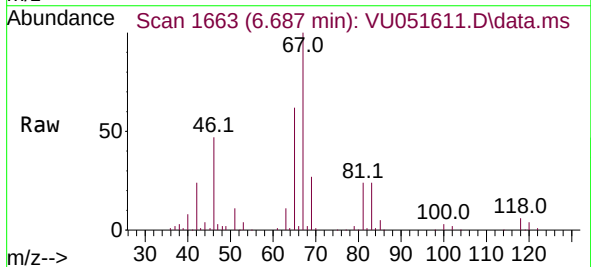
Instrument :
MSVOA_U
ClientSampleId :
BHAA9

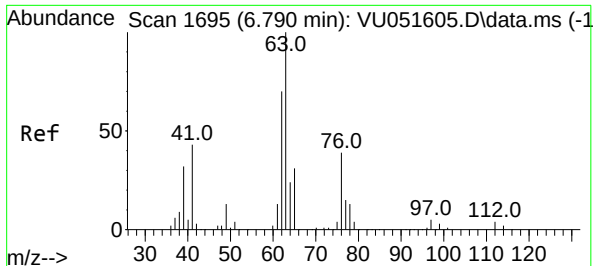
Tgt Ion:101 Resp: 888
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 24.3 59.6 89.4#



#35
Methylcyclohexane
Concen: 1.029 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

Tgt Ion: 83 Resp: 25457
Ion Ratio Lower Upper
83 100
55 0.6 60.6 90.8#
98 1.1 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051611.D

Acq: 31 Oct 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

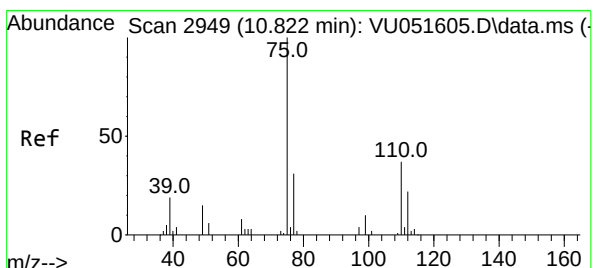
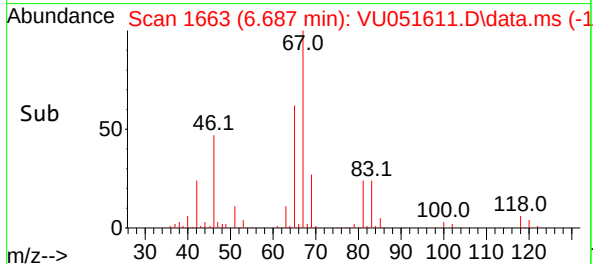
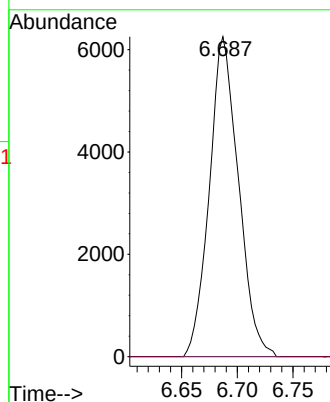
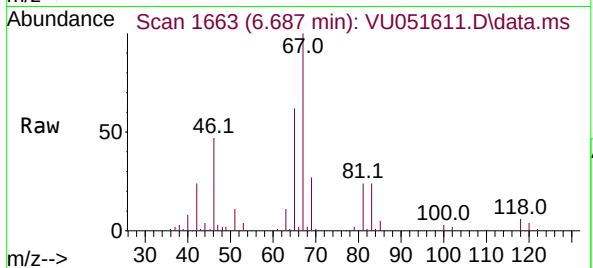
BHAA9

Tgt Ion: 63 Resp: 11377

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 0.996 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051611.D

Acq: 31 Oct 2022 15:04

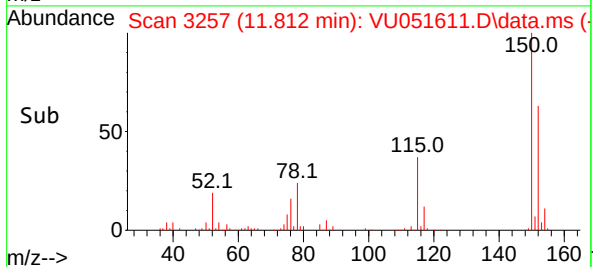
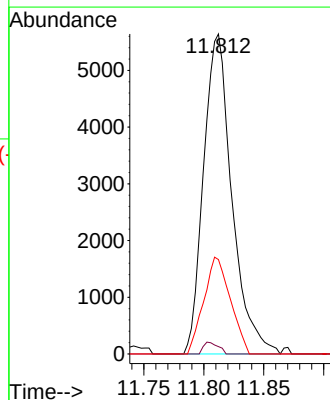
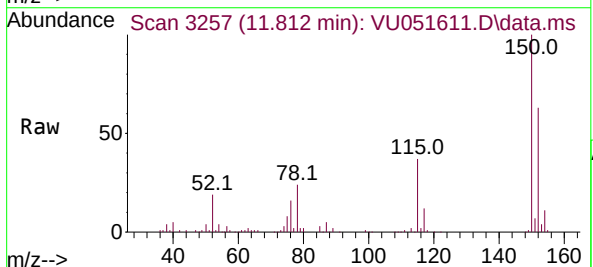
Tgt Ion: 75 Resp: 9276

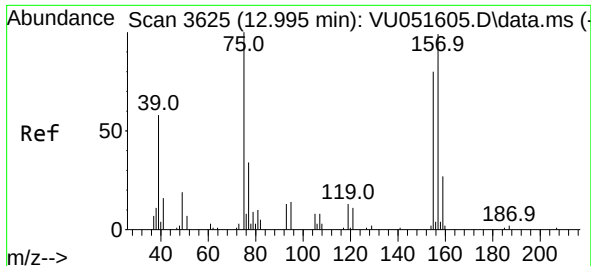
Ion Ratio Lower Upper

75 100

110 1.9 28.7 43.1#

77 28.3 26.1 39.1





#68

1,2-Dibromo-3-chloropropane

Concen: 0.152 ug/L

RT: 13.224 min Scan# 3696

Delta R.T. 0.228 min

Lab File: VU051611.D

Acq: 31 Oct 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

BHAA9

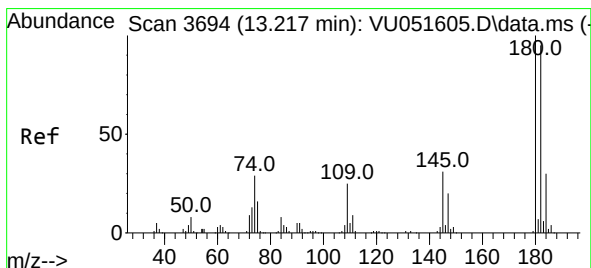
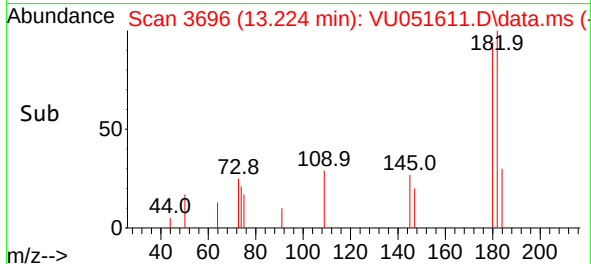
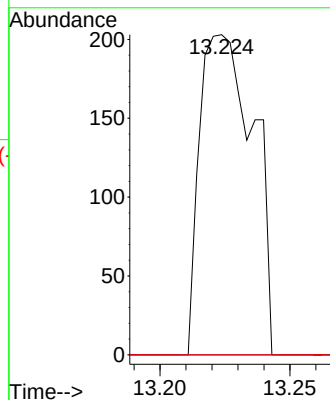
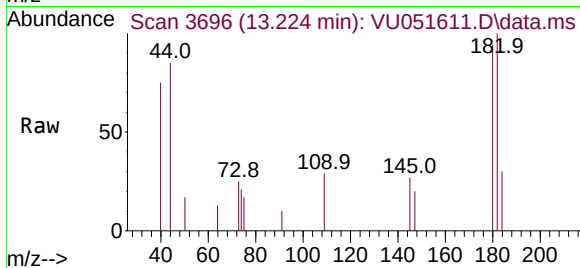
Tgt Ion: 75 Resp: 291

Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.2#

157 0.0 86.7 130.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.111 ug/L

RT: 13.227 min Scan# 3697

Delta R.T. 0.010 min

Lab File: VU051611.D

Acq: 31 Oct 2022 15:04

Tgt Ion: 180 Resp: 2077

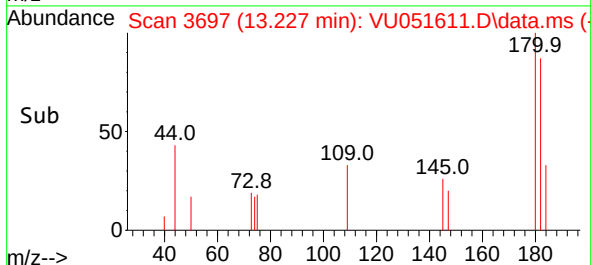
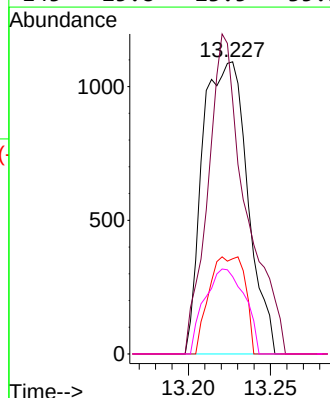
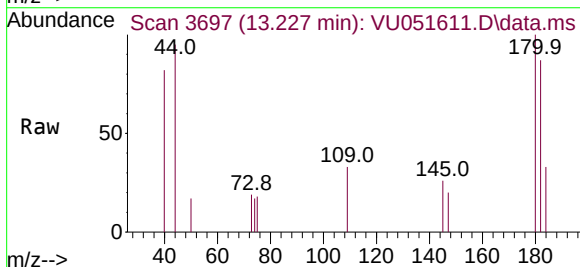
Ion Ratio Lower Upper

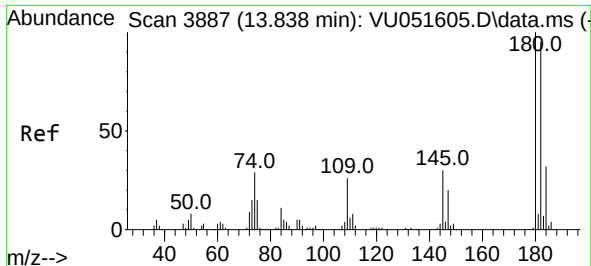
180 100

182 92.4 77.0 115.6

184 26.6 23.7 35.5

145 25.8 23.5 35.3

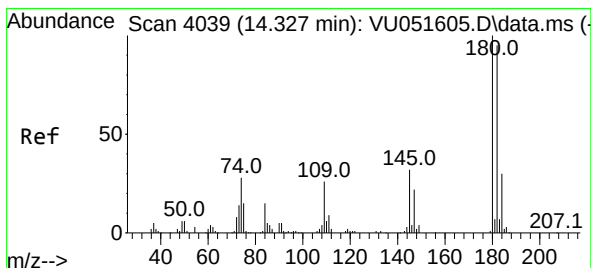
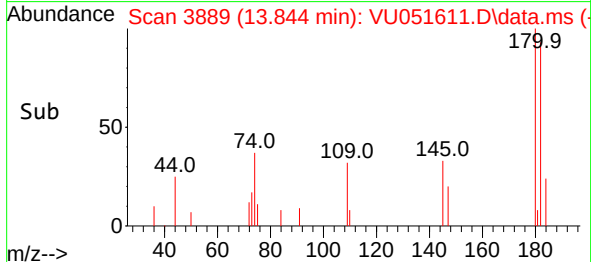
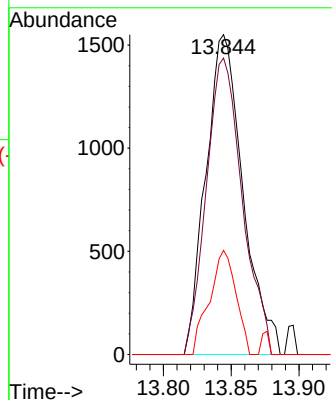
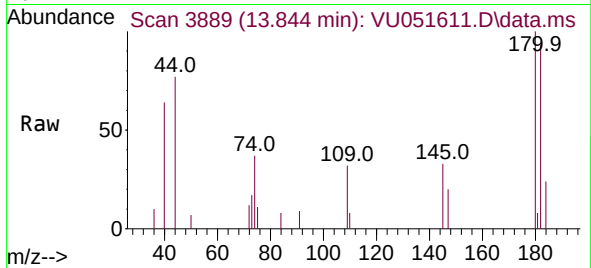




#70
1,2,4-trichlorobenzene
Concen: 0.207 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

Instrument :
MSVOA_U
ClientSampleId :
BHAA9

Tgt Ion:180 Resp: 2959
Ion Ratio Lower Upper
180 100
182 89.7 77.8 116.6
145 23.2 25.0 37.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.135 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.010 min
Lab File: VU051611.D
Acq: 31 Oct 2022 15:04

Tgt Ion:180 Resp: 1957
Ion Ratio Lower Upper
180 100
182 110.5 76.1 114.1
145 21.8 25.6 38.4#

