

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051548.D
 Acq On : 27 Oct 2022 18:49
 Operator : JC/MD
 Sample : N5300-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE4

Quant Time: Oct 28 00:11:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

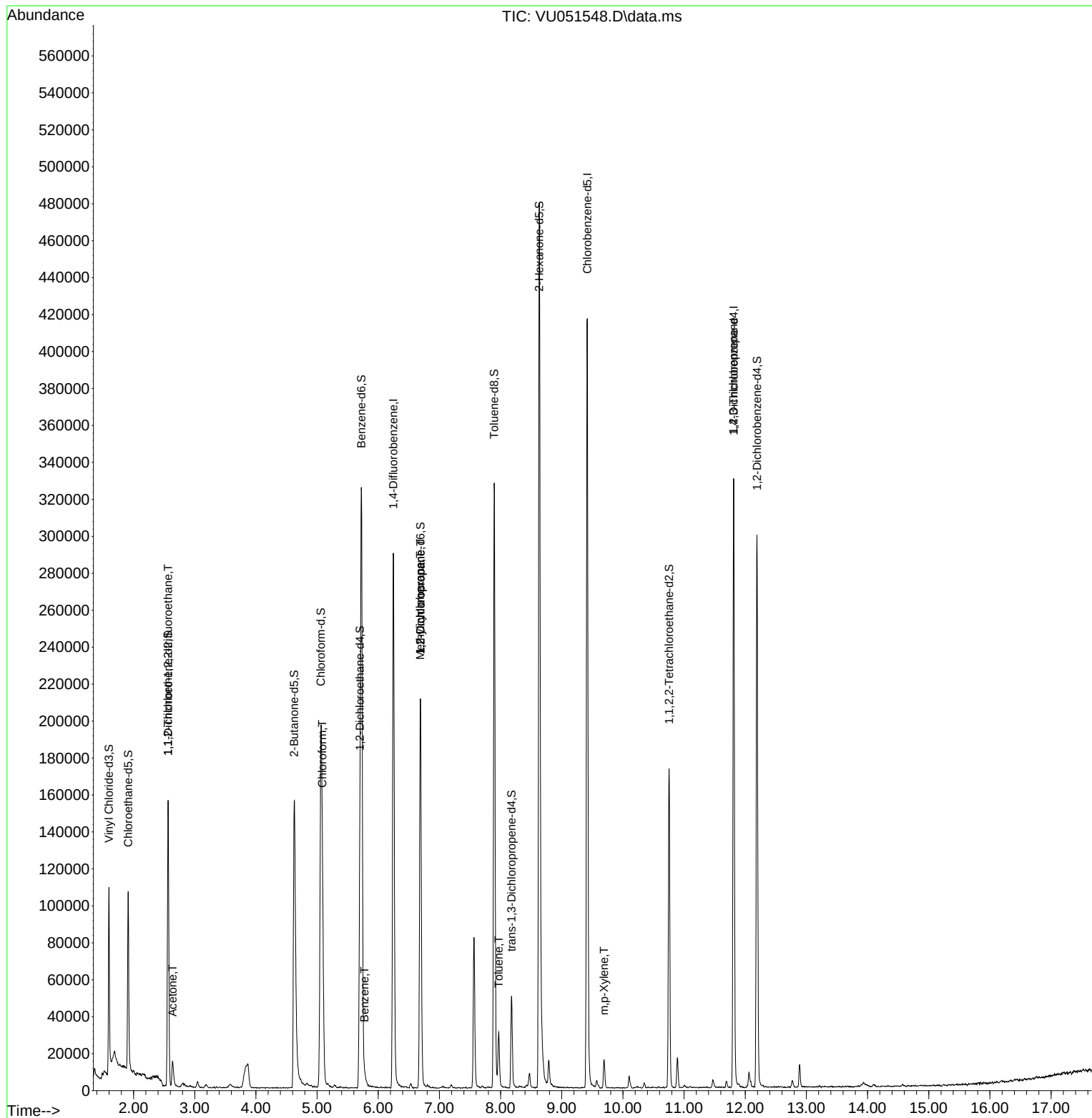
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	240864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	92529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74389	3.829	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.912	69	76337	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.565	65	29501	3.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	4.626	46	234596	54.842	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.680%	
24) Chloroform-d	5.063	84	165187	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.700	65	84786	4.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.726	84	312625	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.690	67	108565	4.712	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.896	98	232139	3.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.179	79	29964	3.958	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.632	63	169057	66.261	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.520%#	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89585	4.867	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	84040	5.226	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	849	0.045	ug/L #	21
13) Acetone	2.639	43	16747	5.220	ug/L	96
25) Chloroform	5.086	83	83062	2.085	ug/L	99
33) Benzene	5.774	78	5357	0.065	ug/L	100
35) Methylcyclohexane	6.687	83	23952	0.924	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10777	0.478	ug/L #	88
42) Toluene	7.970	91	21822	0.250	ug/L	97
53) m,p-Xylene	9.693	106	4643	0.152	ug/L	97
61) 1,2,3-Trichloropropane	11.809	75	11177	0.957	ug/L #	70

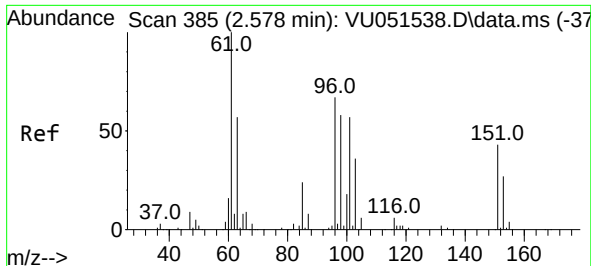
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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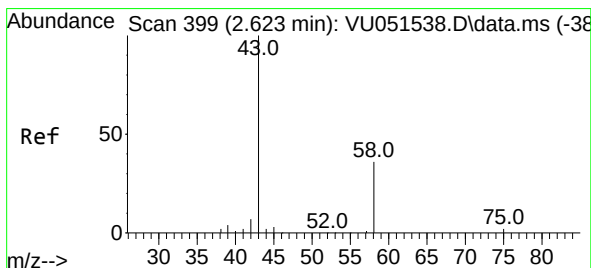
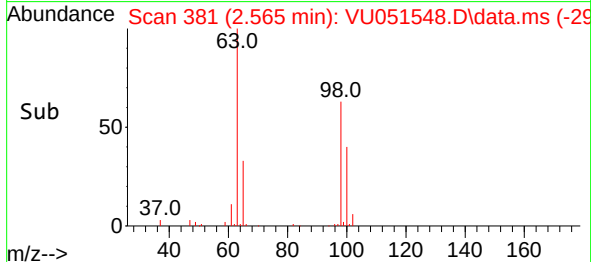
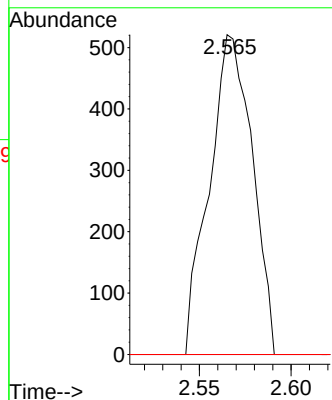
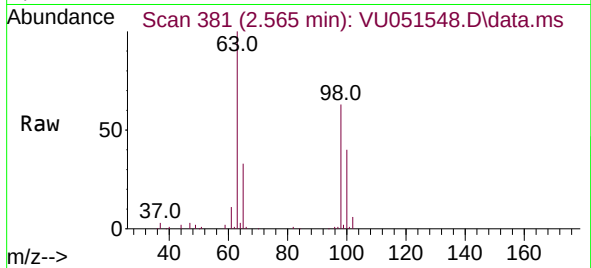




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051548.D
Acq: 27 Oct 2022 18:49

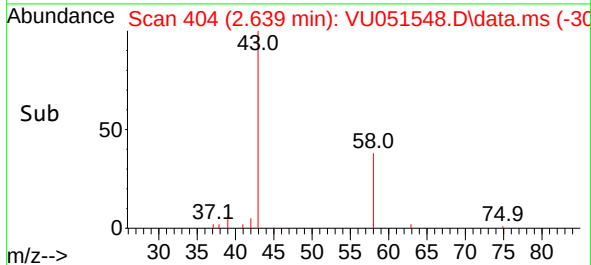
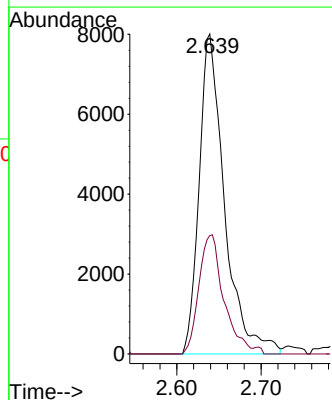
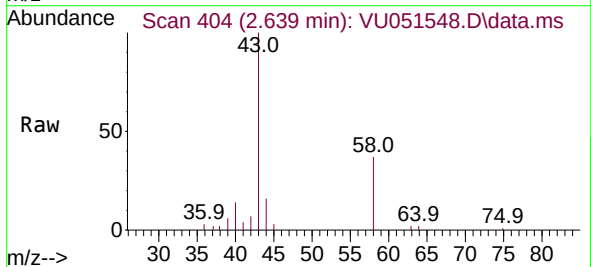
Instrument :
MSVOA_U
ClientSampleId :
BHA4

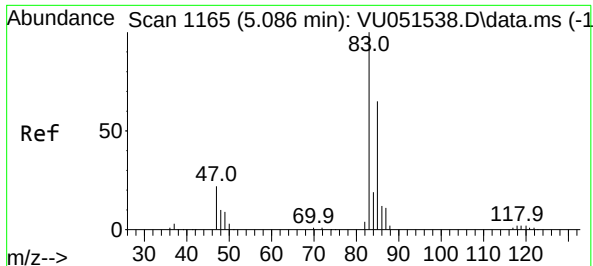
Tgt Ion:101 Resp: 849
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#13
Acetone
Concen: 5.220 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.016 min
Lab File: VU051548.D
Acq: 27 Oct 2022 18:49

Tgt Ion: 43 Resp: 16747
Ion Ratio Lower Upper
43 100
58 36.5 0.0 68.8





#25

Chloroform

Concen: 2.085 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051548.D

Acq: 27 Oct 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

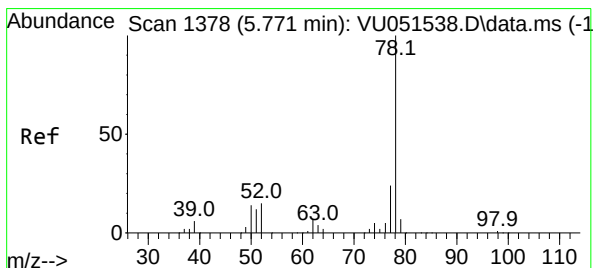
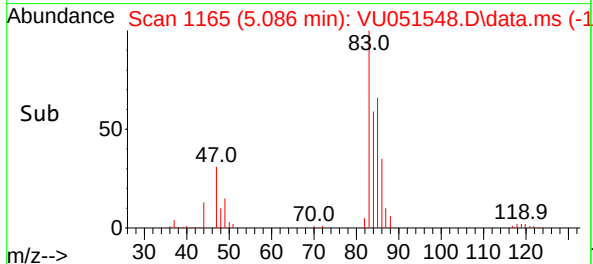
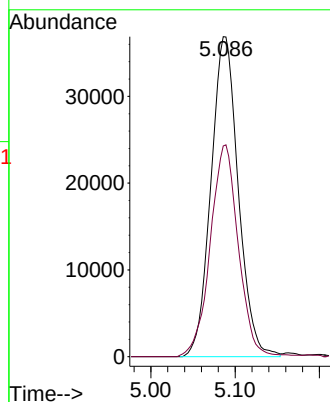
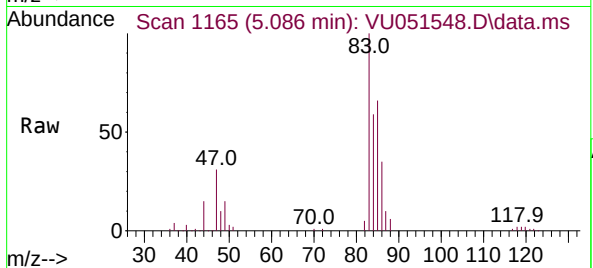
BHAE4

Tgt Ion: 83 Resp: 83062

Ion Ratio Lower Upper

83 100

85 65.9 45.6 84.6



#33

Benzene

Concen: 0.065 ug/L

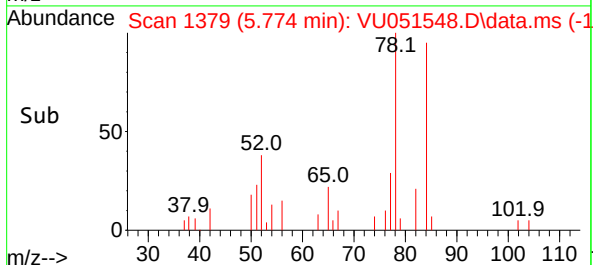
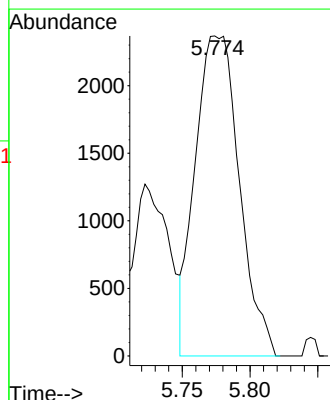
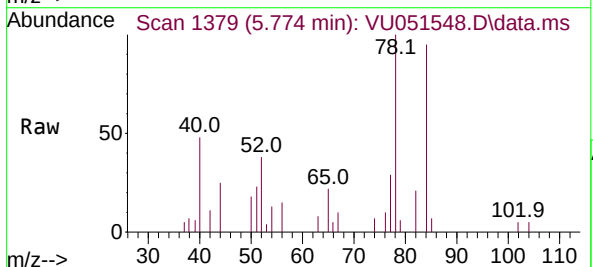
RT: 5.774 min Scan# 1379

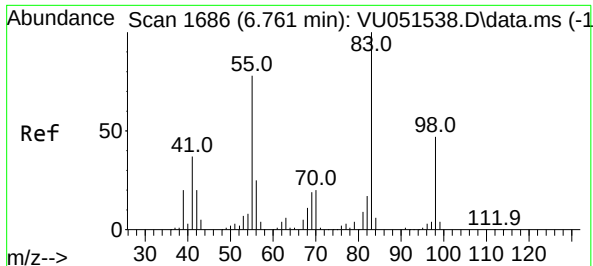
Delta R.T. 0.003 min

Lab File: VU051548.D

Acq: 27 Oct 2022 18:49

Tgt Ion: 78 Resp: 5357





#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051548.D

Acq: 27 Oct 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

BHAE4

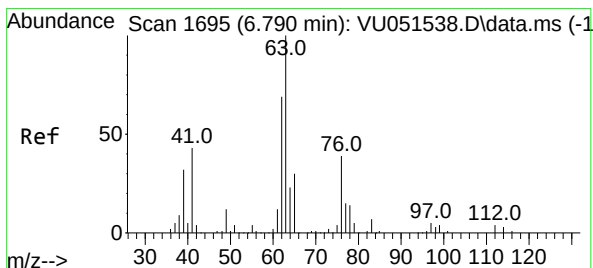
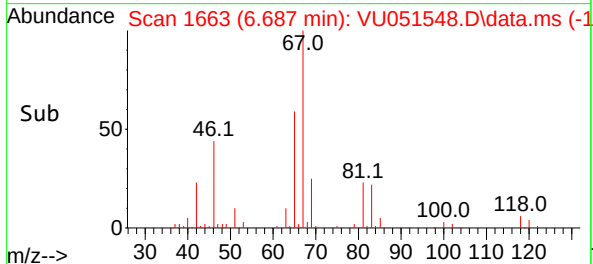
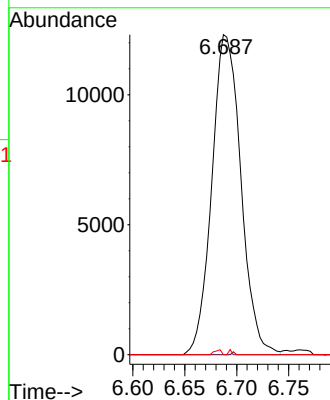
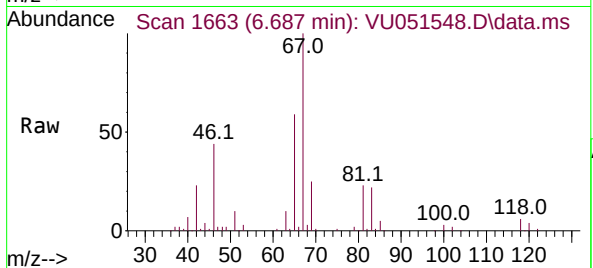
Tgt Ion: 83 Resp: 23952

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

98 0.4 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.478 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051548.D

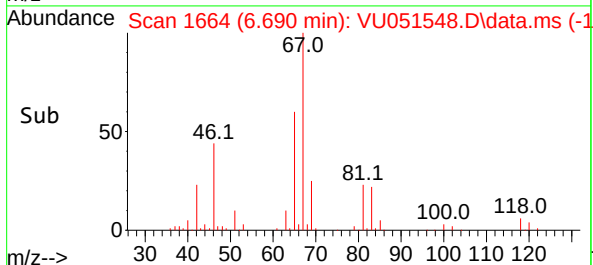
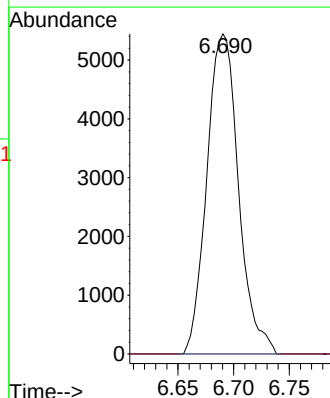
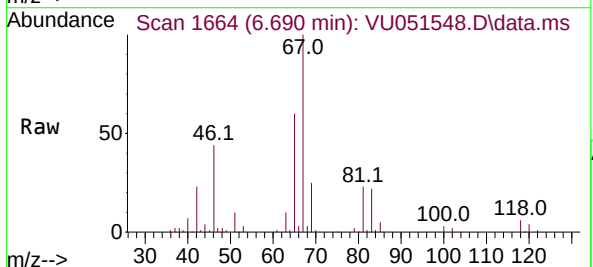
Acq: 27 Oct 2022 18:49

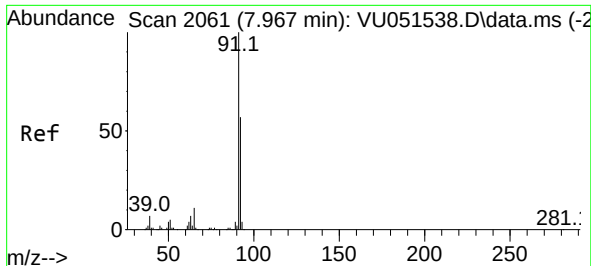
Tgt Ion: 63 Resp: 10777

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#





#42

Toluene

Concen: 0.250 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051548.D

Acq: 27 Oct 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

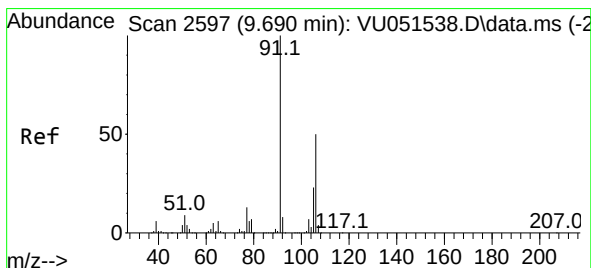
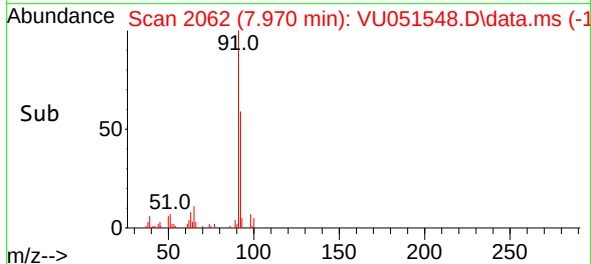
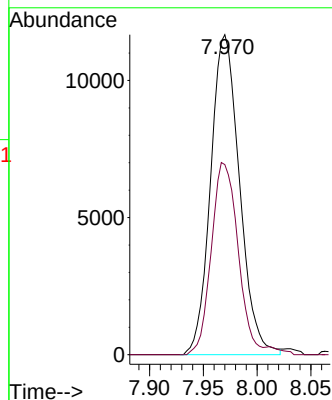
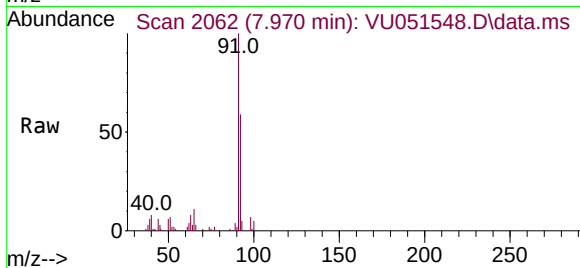
BHAE4

Tgt Ion: 91 Resp: 21822

Ion Ratio Lower Upper

91 100

92 59.4 39.9 74.1



#53

m,p-Xylene

Concen: 0.152 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.003 min

Lab File: VU051548.D

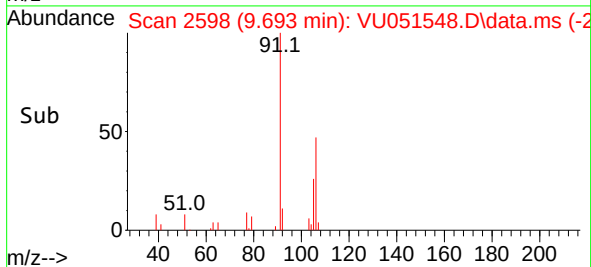
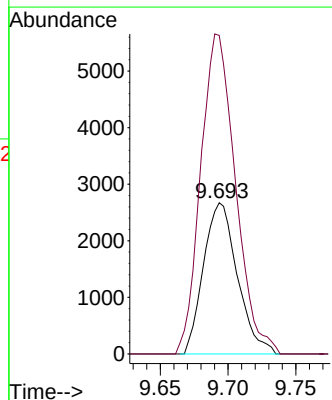
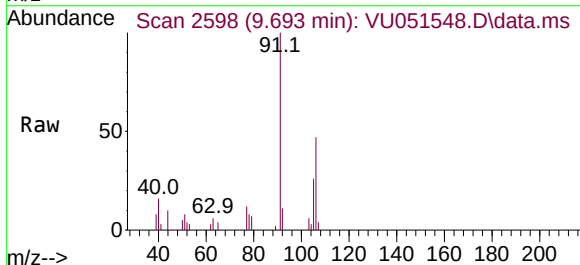
Acq: 27 Oct 2022 18:49

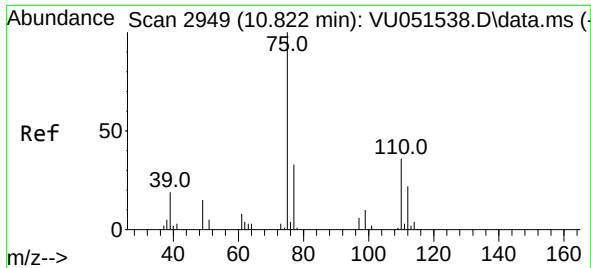
Tgt Ion: 106 Resp: 4643

Ion Ratio Lower Upper

106 100

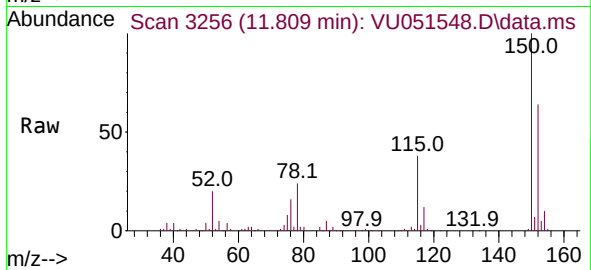
91 210.6 143.9 267.3





#61
 1,2,3-Trichloropropane
 Concen: 0.957 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051548.D
 Acq: 27 Oct 2022 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE4



Tgt Ion: 75 Resp: 11177
 Ion Ratio Lower Upper
 75 100
 110 2.4 27.0 40.6#
 77 30.9 26.4 39.6

