

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051641.D
 Acq On : 01 Nov 2022 04:06
 Operator : JC/MD
 Sample : N5319-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAF2

Quant Time: Nov 01 06:01:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

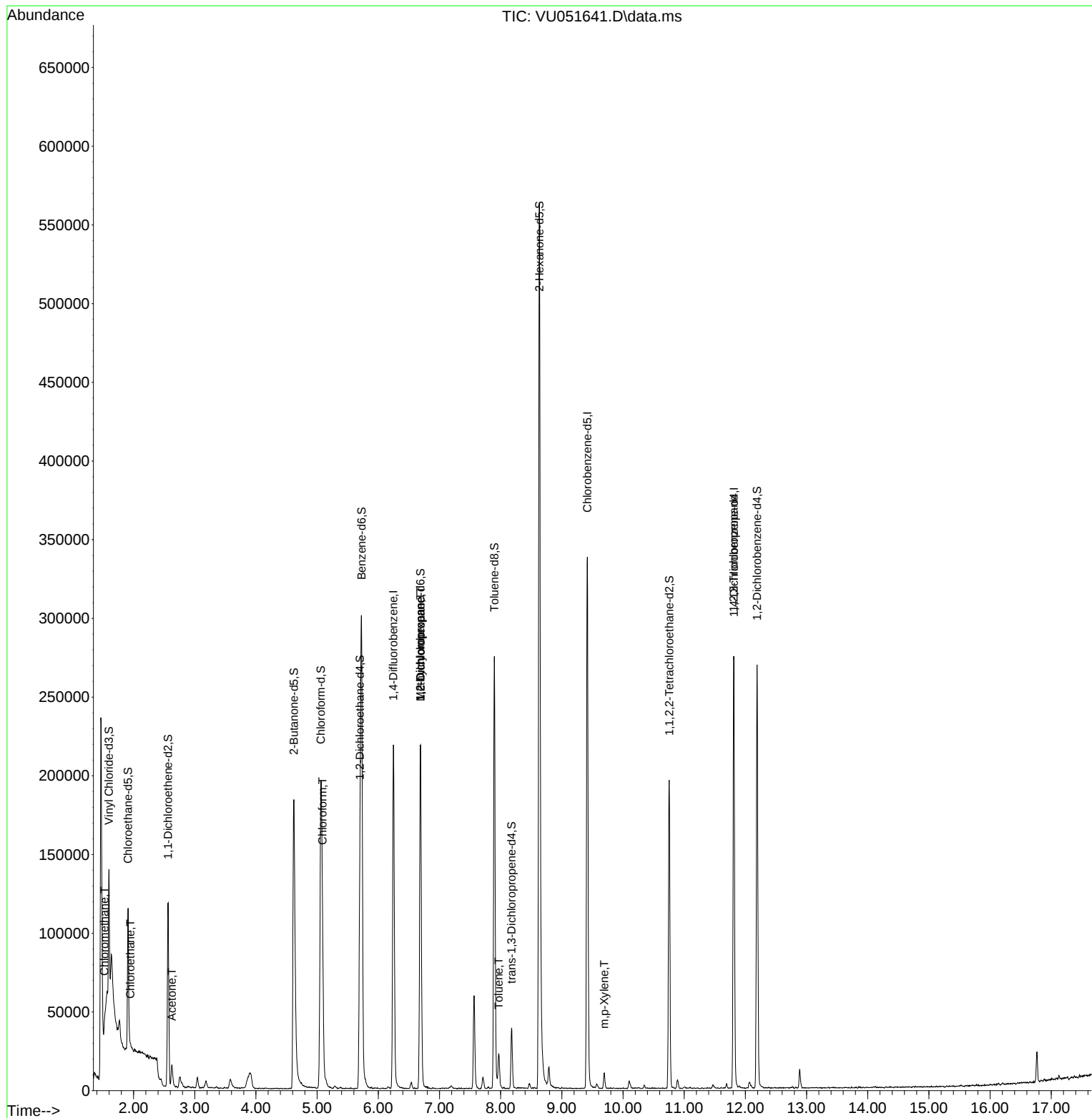
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	179916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59302	4.376	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.909	69	70885	5.016	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.562	65	21861	4.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.620	46	268615	54.737	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.480%	
24) Chloroform-d	5.060	84	171183	5.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.000%	
26) 1,2-Dichloroethane-d4	5.700	65	92432	5.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.726	84	289758	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.690	67	109780	5.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.896	98	189683	3.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	8.179	79	22485	3.398	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.000%	
46) 2-Hexanone-d5	8.633	63	173995	43.686	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.380%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103358	5.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75806	5.329	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4045	0.163	ug/L	100
8) Chloroethane	1.948	64	1649	0.114	ug/L #	53
13) Acetone	2.623	43	14911	5.989	ug/L	94
25) Chloroform	5.086	83	74174	2.309	ug/L	100
35) Methylcyclohexane	6.687	83	25288	0.979	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10781	0.542	ug/L #	88
42) Toluene	7.967	91	17004	0.214	ug/L	91
53) m,p-Xylene	9.694	106	2930	0.098	ug/L	85
61) 1,2,3-Trichloropropane	11.809	75	8628	0.861	ug/L #	69

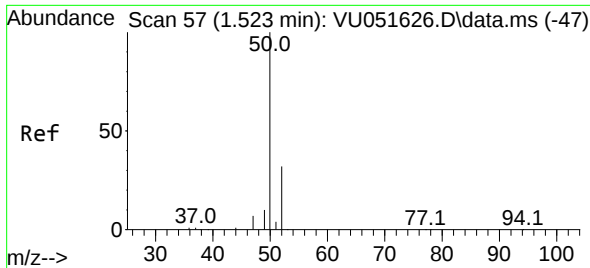
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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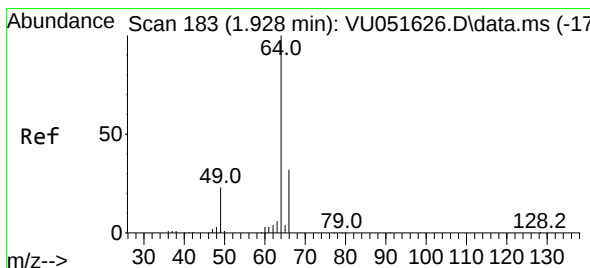
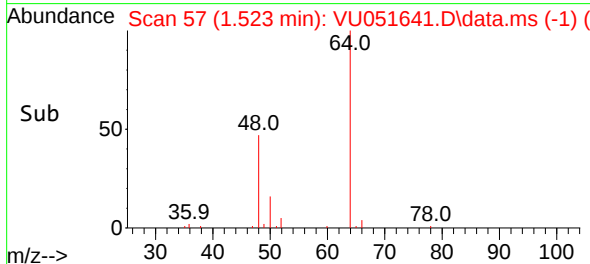
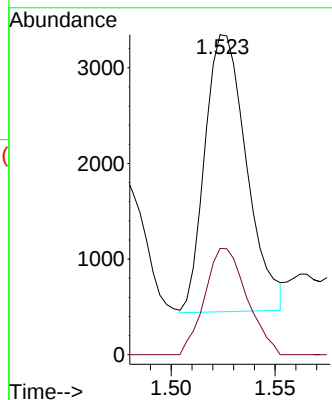
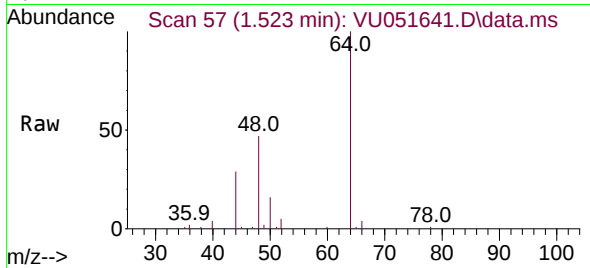




#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051641.D
Acq: 01 Nov 2022 04:06

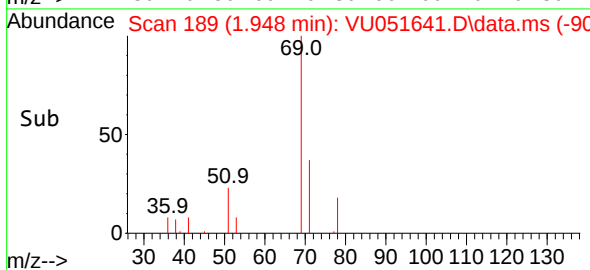
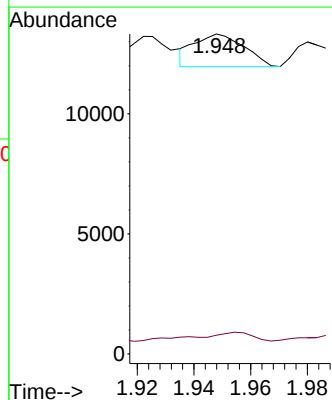
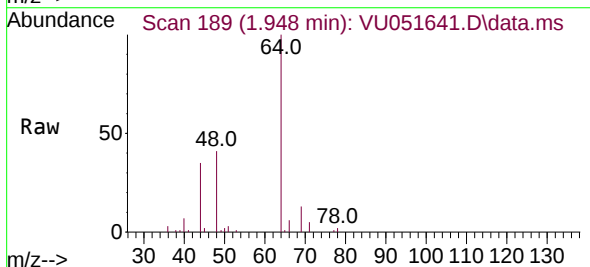
Instrument :
MSVOA_U
ClientSampleId :
BHAf2

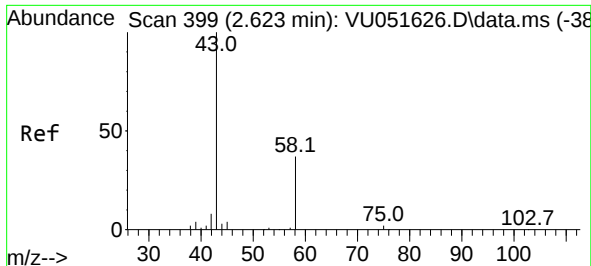
Tgt Ion: 50 Resp: 4045
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2



#8
Chloroethane
Concen: 0.114 ug/L
RT: 1.948 min Scan# 189
Delta R.T. 0.019 min
Lab File: VU051641.D
Acq: 01 Nov 2022 04:06

Tgt Ion: 64 Resp: 1649
Ion Ratio Lower Upper
64 100
66 5.8 22.3 41.5#

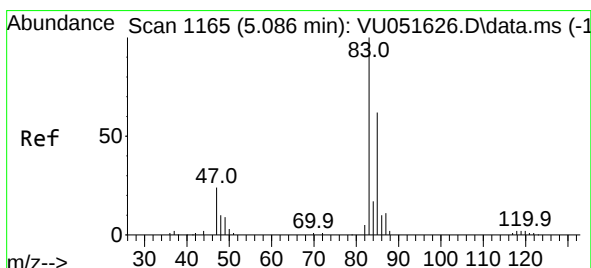
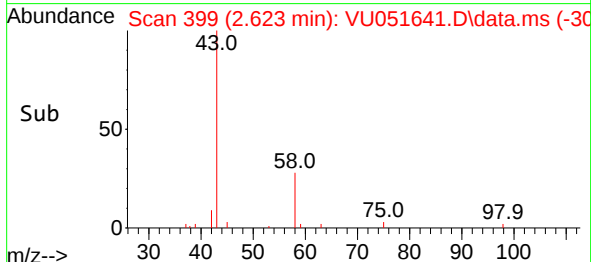
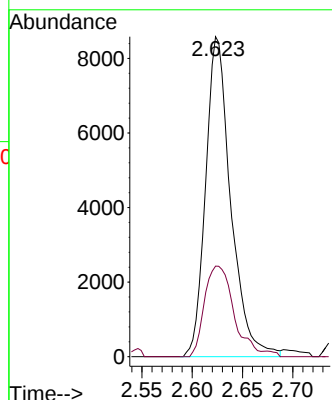
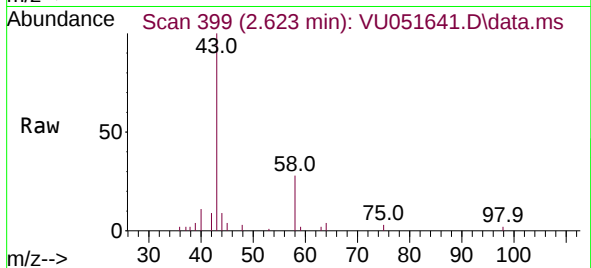




#13
Acetone
Concen: 5.989 ug/L
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU051641.D
Acq: 01 Nov 2022 04:06

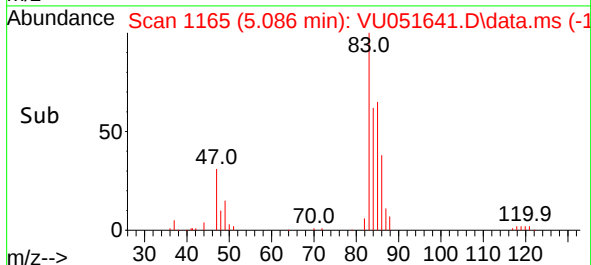
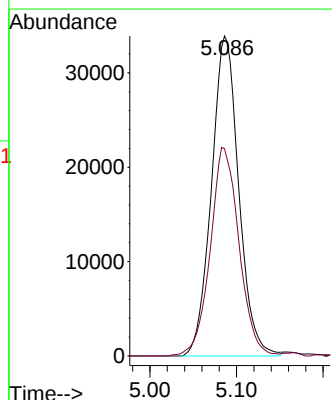
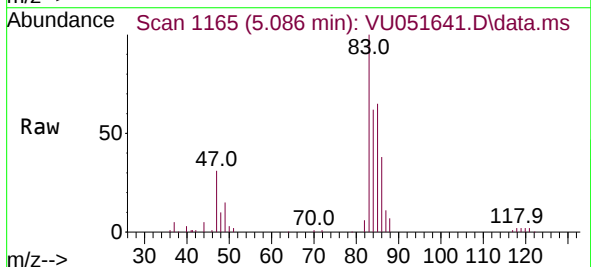
Instrument :
MSVOA_U
ClientSampleId :
BHA2

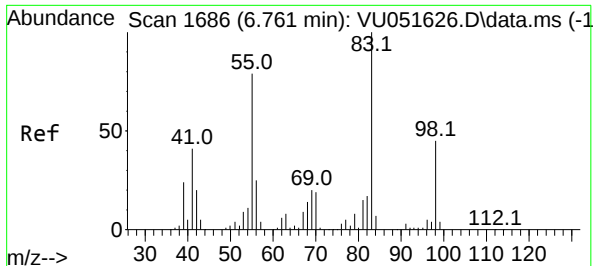
Tgt Ion: 43 Resp: 14911
Ion Ratio Lower Upper
43 100
58 33.6 0.0 73.8



#25
Chloroform
Concen: 2.309 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051641.D
Acq: 01 Nov 2022 04:06

Tgt Ion: 83 Resp: 74174
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0





#35

Methylcyclohexane

Concen: 0.979 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU051641.D

Acq: 01 Nov 2022 04:06

Instrument :

MSVOA_U

ClientSampleId :

BHAF2

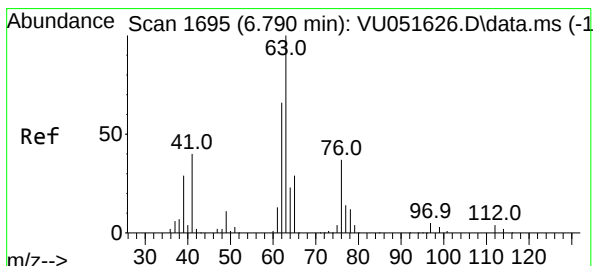
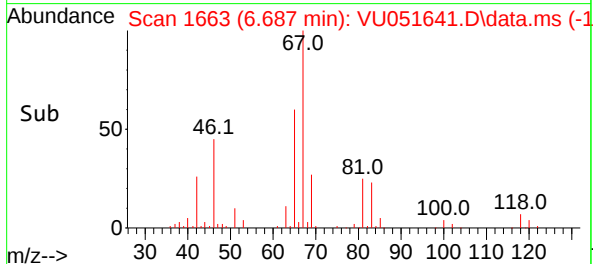
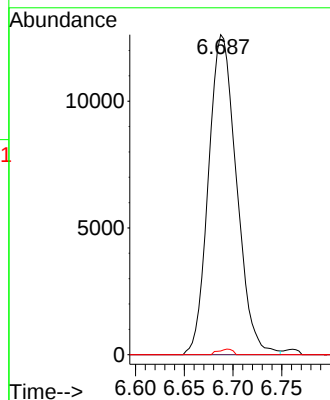
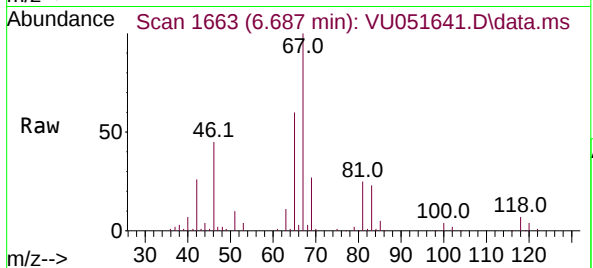
Tgt Ion: 83 Resp: 25288

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 0.9 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051641.D

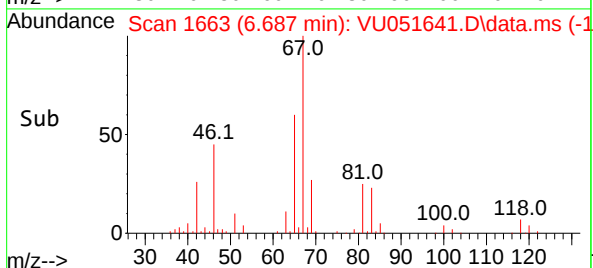
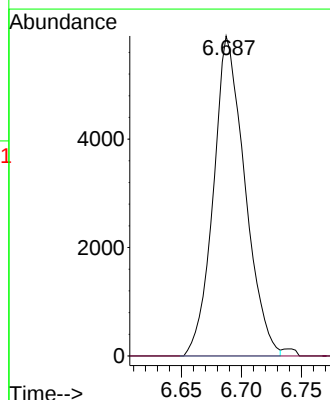
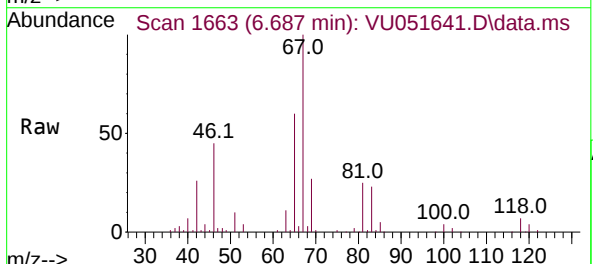
Acq: 01 Nov 2022 04:06

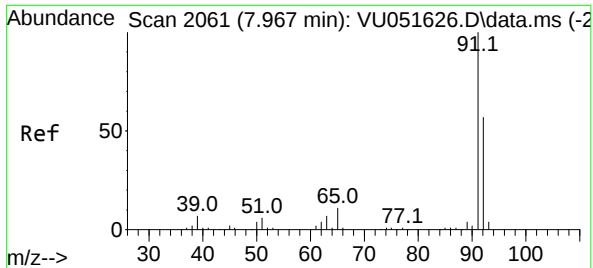
Tgt Ion: 63 Resp: 10781

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.214 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051641.D

Acq: 01 Nov 2022 04:06

Instrument :

MSVOA_U

ClientSampleId :

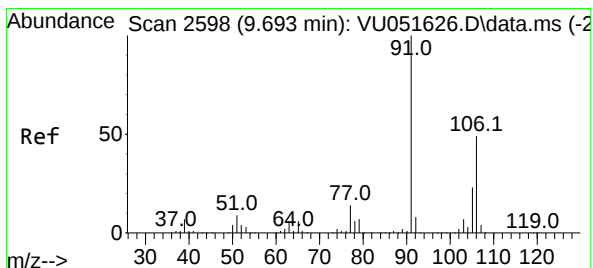
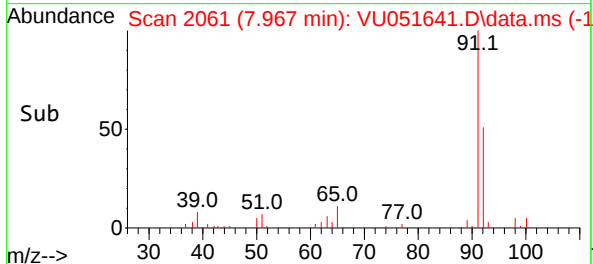
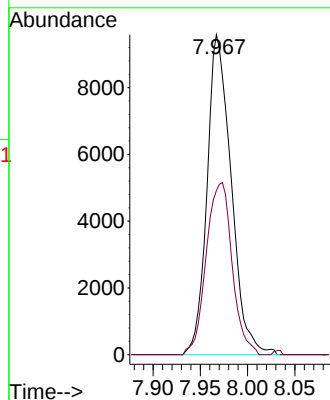
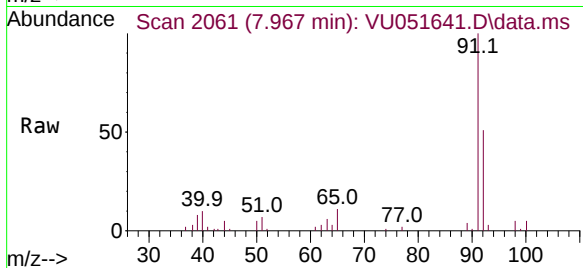
BHAF2

Tgt Ion: 91 Resp: 17004

Ion Ratio Lower Upper

91 100

92 51.3 40.5 75.3



#53

m,p-Xylene

Concen: 0.098 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051641.D

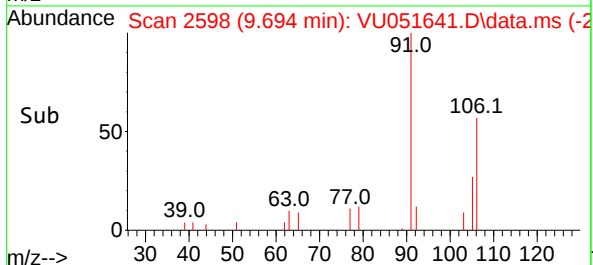
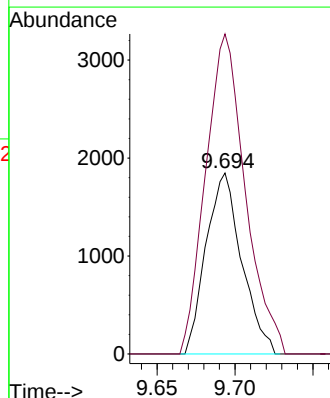
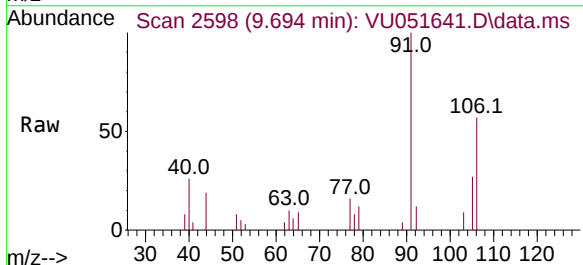
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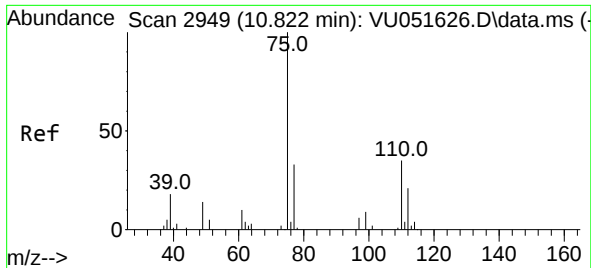
Tgt Ion: 106 Resp: 2930

Ion Ratio Lower Upper

106 100

91 176.8 139.4 259.0





#61
 1,2,3-Trichloropropane
 Concen: 0.861 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051641.D
 Acq: 01 Nov 2022 04:06

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Tgt Ion: 75 Resp: 8628
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.7 43.1#
 77 32.9 26.1 39.1

