

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053721.D
 Acq On : 14 Apr 2023 18:16
 Operator : JC/MD
 Sample : 02340-05DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

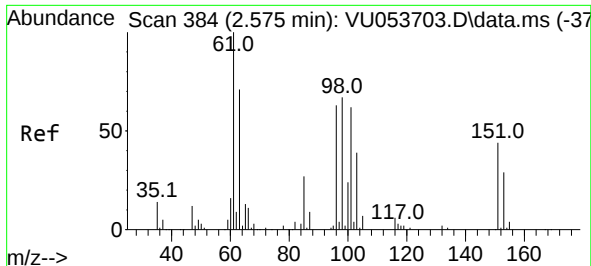
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE07DL

Quant Time: Apr 15 05:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47782	5.104	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.000%	
7) Chloroethane-d5	1.912	69	38792	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.565	65	17499	4.388	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.629	46	83963	39.146	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.300%	
24) Chloroform-d	5.060	84	74682	4.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.697	65	38102	4.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.722	84	152504	4.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47874	4.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.896	98	138619	3.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17589	4.023	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.629	63	70436	39.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.320%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35447	3.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.800%	
66) 1,2-Dichlorobenzene-d4	12.188	152	47628	4.259	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1312	0.170	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	6371	0.591	ug/L	87
34) Trichloroethene	6.539	95	77281	8.209	ug/L	92
35) Methylcyclohexane	6.687	83	10525	0.652	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4936	0.529	ug/L #	89
47) Tetrachloroethene	8.549	164	50687	7.328	ug/L	95
49) Dibromochloromethane	8.549	129	50882	7.763	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7400	1.437	ug/L #	67

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



#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

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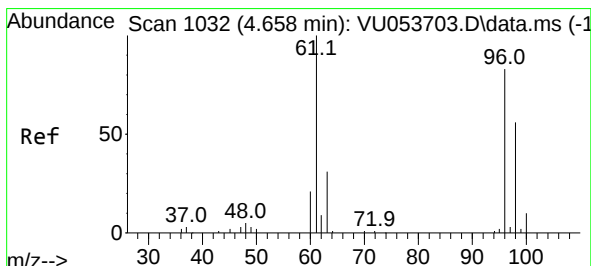
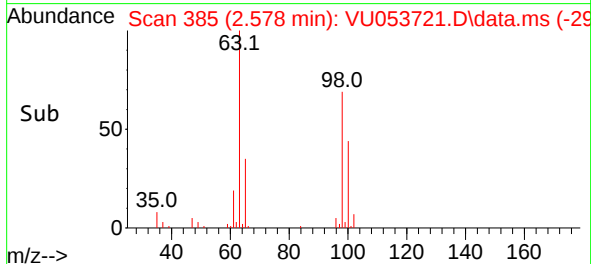
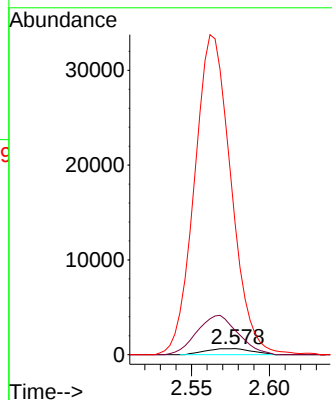
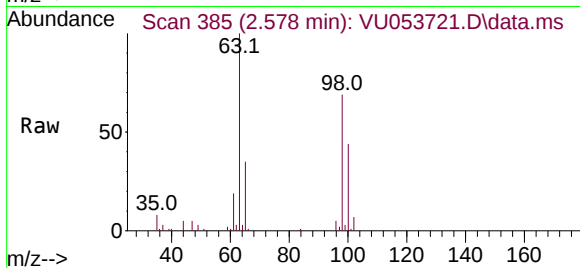
Tgt Ion: 96 Resp: 1312

Ion Ratio Lower Upper

96 100

61 398.0 116.8 216.8#

63 2151.1 88.6 164.6#



#22

cis-1,2-Dichloroethene

Concen: 0.591 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

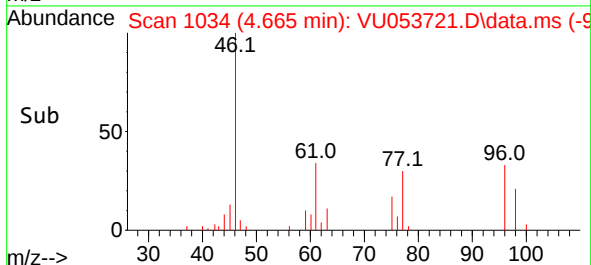
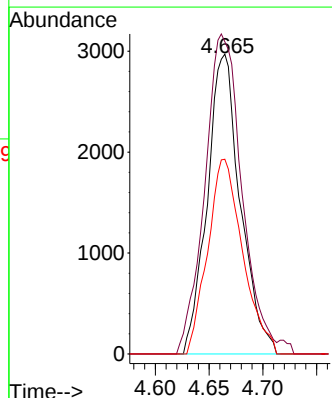
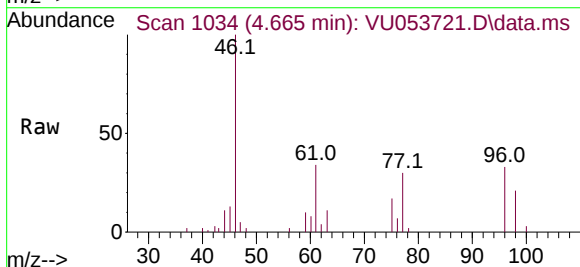
Tgt Ion: 96 Resp: 6371

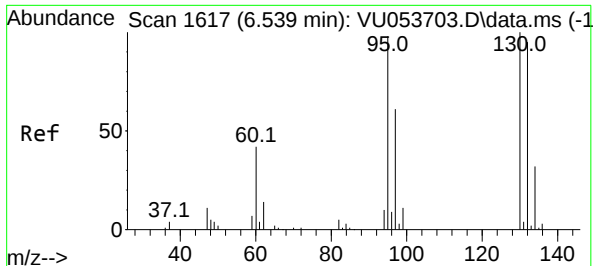
Ion Ratio Lower Upper

96 100

61 104.1 86.6 160.8

98 64.9 47.7 88.5



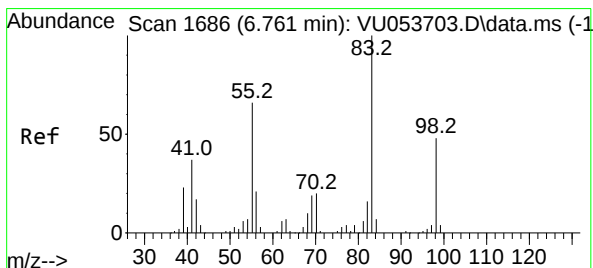
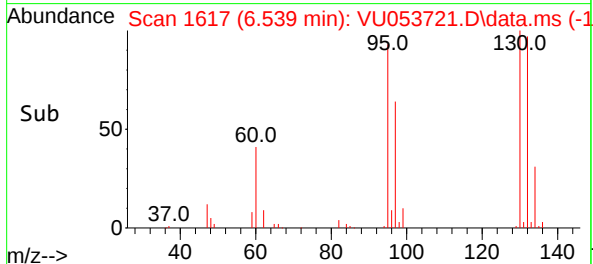
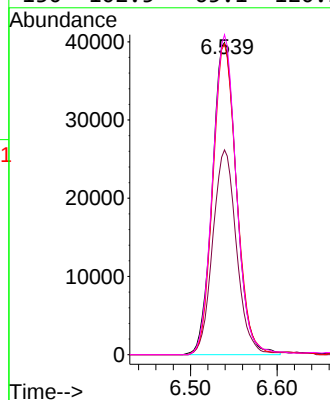
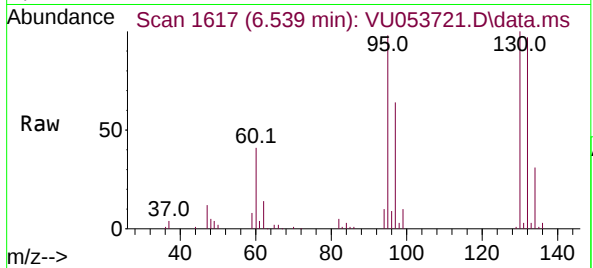


#34
Trichloroethene
Concen: 8.209 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053721.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 77281

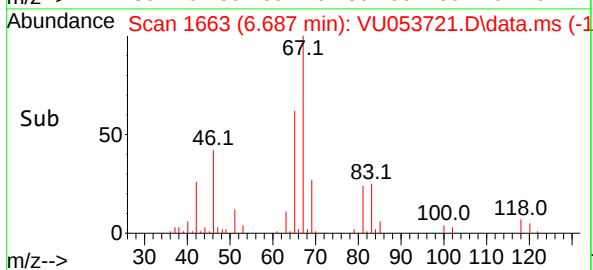
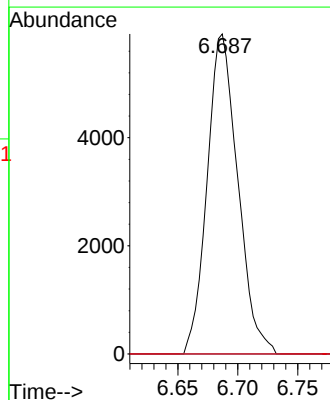
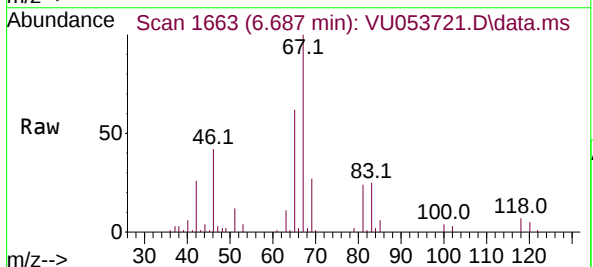
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.3	84.1
132	99.6	62.8	116.6
130	102.5	65.1	120.9

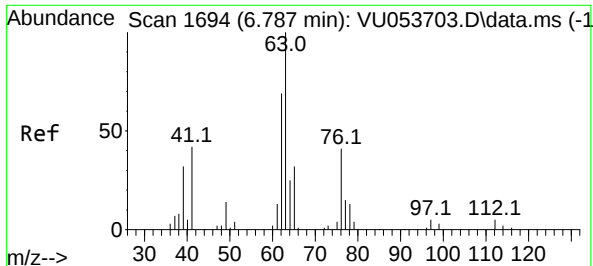


#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053721.D
Acq: 14 Apr 2023 18:16

Tgt Ion: 83 Resp: 10525

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.9	82.3#
98	0.0	34.9	52.3#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

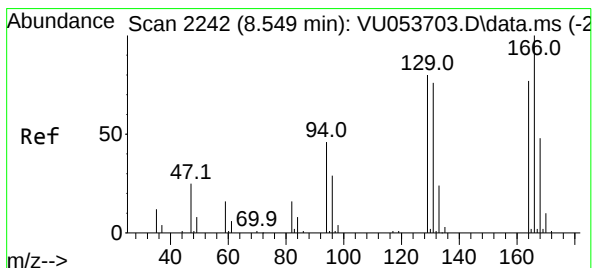
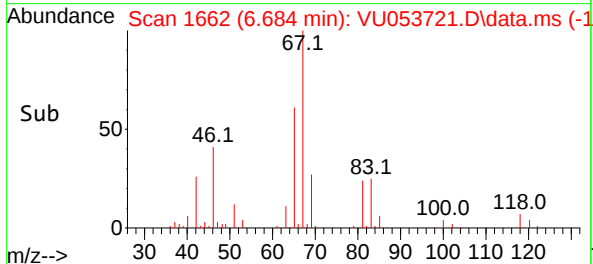
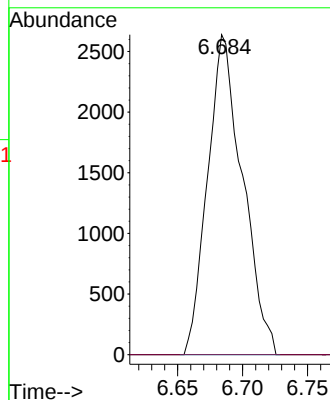
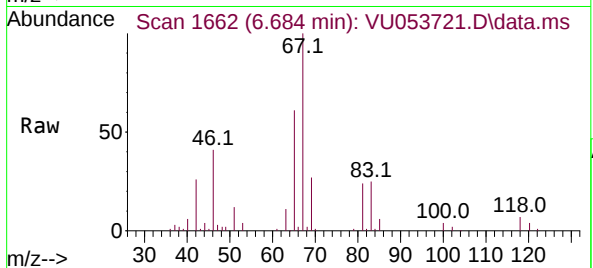
BHE07DL

Tgt Ion: 63 Resp: 4936

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 7.328 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Tgt Ion: 164 Resp: 50687

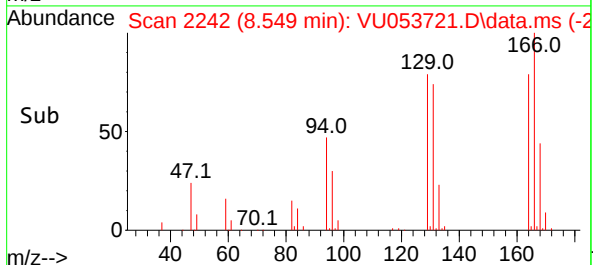
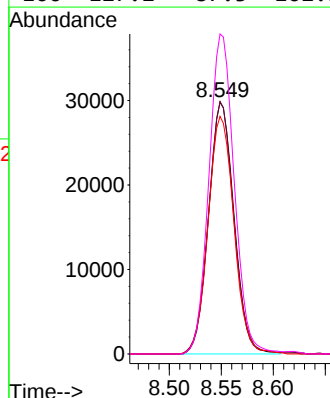
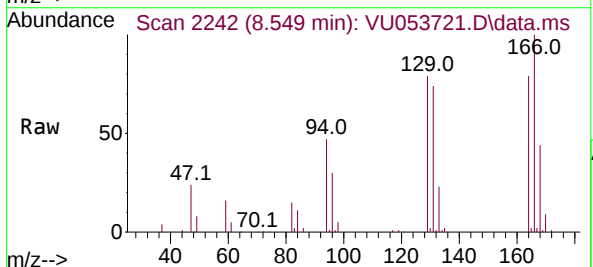
Ion Ratio Lower Upper

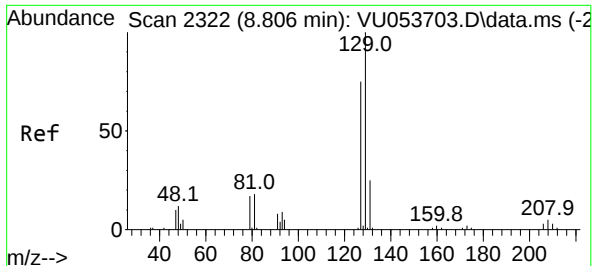
164 100

129 100.3 74.8 138.8

131 94.4 70.1 130.1

166 127.2 87.3 162.1





#49

Dibromochloromethane

Concen: 7.763 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

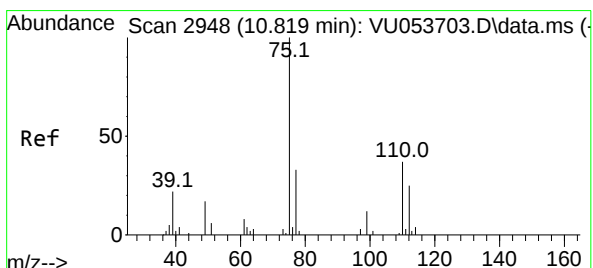
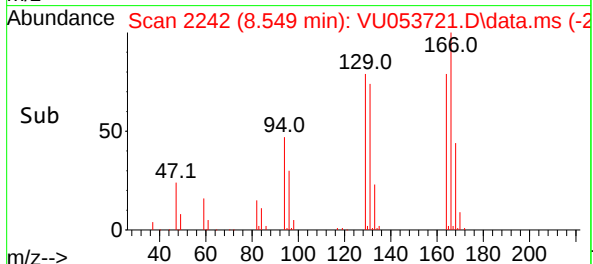
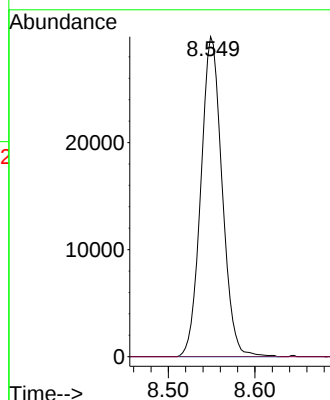
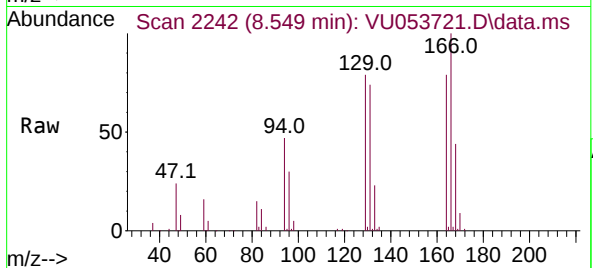
BHE07DL

Tgt Ion:129 Resp: 50882

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.437 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053721.D

Acq: 14 Apr 2023 18:16

Tgt Ion: 75 Resp: 7400

Ion Ratio Lower Upper

75 100

110 3.9 30.6 46.0#

77 30.3 26.1 39.1

