

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053692.D
 Acq On : 13 Apr 2023 19:21
 Operator : JC/MD
 Sample : 02340-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE02

Quant Time: Apr 14 02:26:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

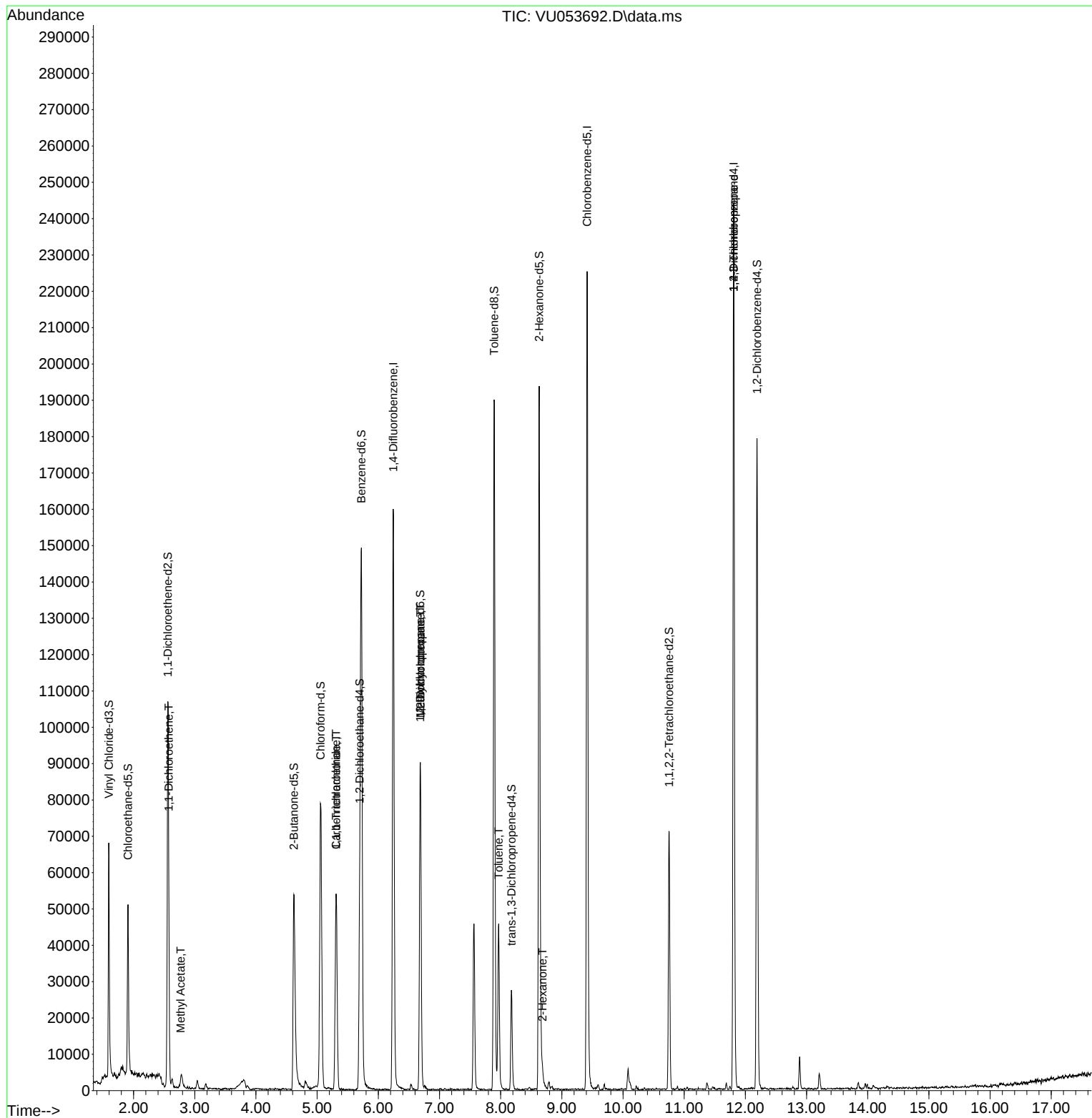
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	49355	5.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.400%	
7) Chloroethane-d5	1.909	69	37976	4.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.559	65	17527	4.389	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.620	46	76677	35.706	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.420%	
24) Chloroform-d	5.057	84	71977	4.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.697	65	35807	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
32) Benzene-d6	5.723	84	146519	3.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.684	67	45040	3.968	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.893	98	135037	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.176	79	16881	3.875	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.629	63	69020	39.008	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.020%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34340	3.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	72.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	47015	3.987	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.800%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	7991	1.036	ug/L #	11
15) Methyl Acetate	2.771	43	1480	0.495	ug/L #	49
29) 1,1,1-Trichloroethane	5.311	97	40864	3.149	ug/L	96
31) Carbon tetrachloride	5.311	117	5523	0.503	ug/L	100
35) Methylcyclohexane	6.687	83	10422	0.648	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4829	0.519	ug/L #	89
42) Toluene	7.967	91	34220	0.889	ug/L	96
48) 2-Hexanone	8.684	43	2247	0.668	ug/L #	81
61) 1,2,3-Trichloropropane	11.809	75	8168	1.504	ug/L #	66

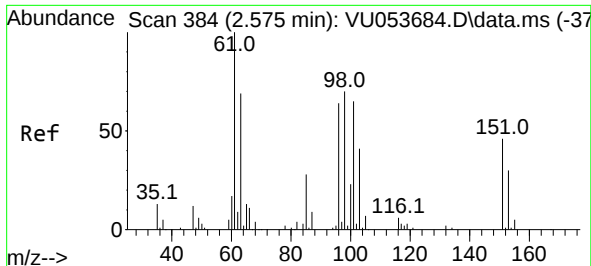
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.036 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU053692.D

Acq: 13 Apr 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

BHE02

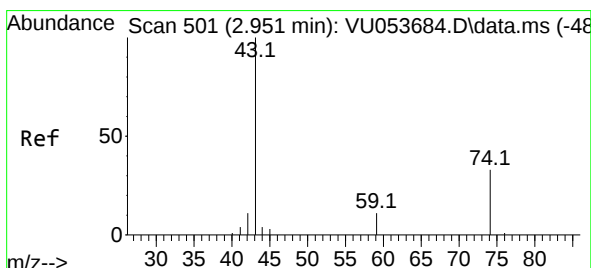
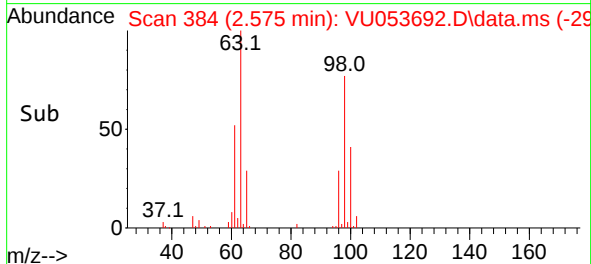
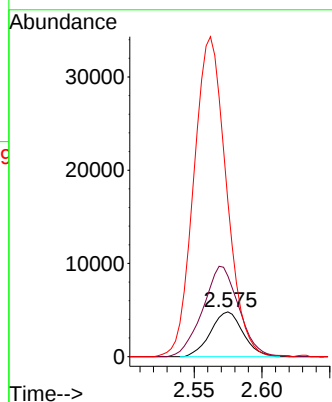
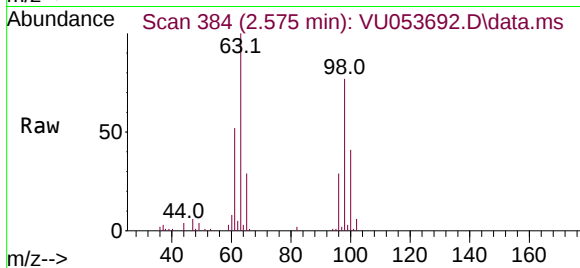
Tgt Ion: 96 Resp: 7991

Ion Ratio Lower Upper

96 100

61 180.3 116.8 216.8

63 347.0 88.6 164.6#



#15

Methyl Acetate

Concen: 0.495 ug/L

RT: 2.771 min Scan# 445

Delta R.T. -0.180 min

Lab File: VU053692.D

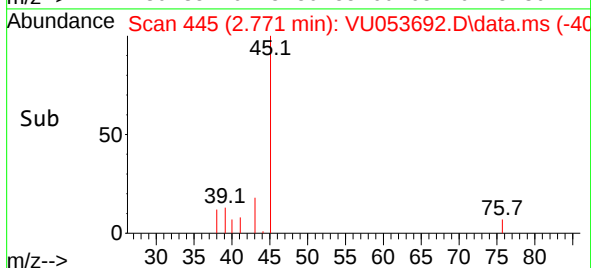
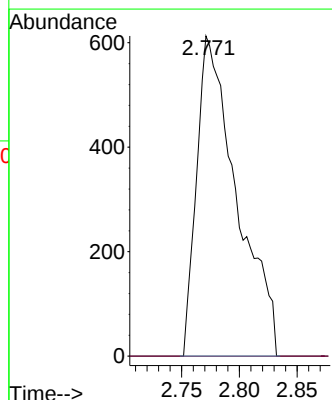
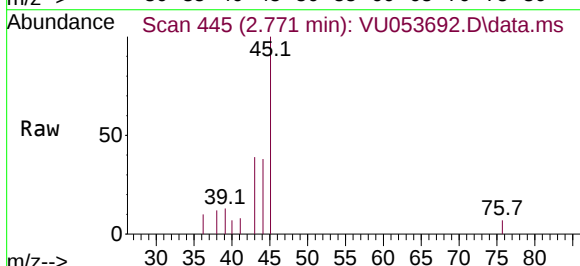
Acq: 13 Apr 2023 19:21

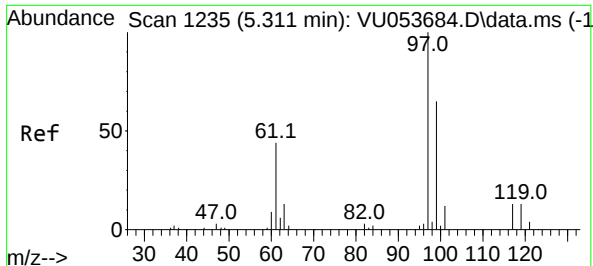
Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#

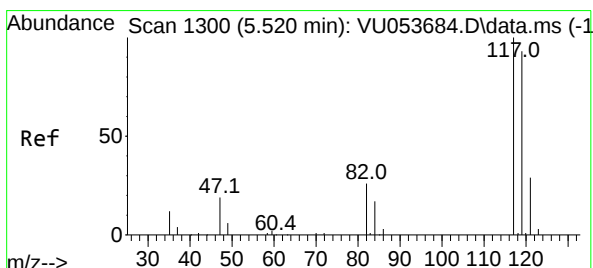
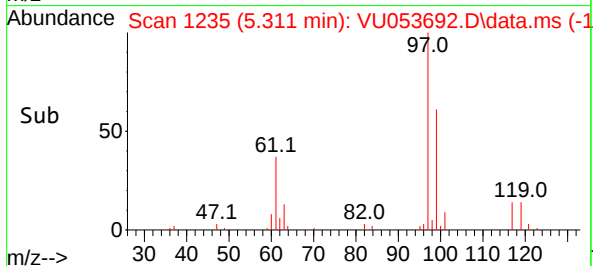
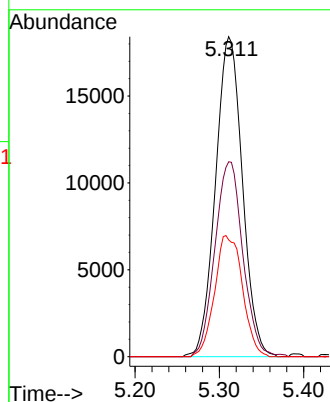
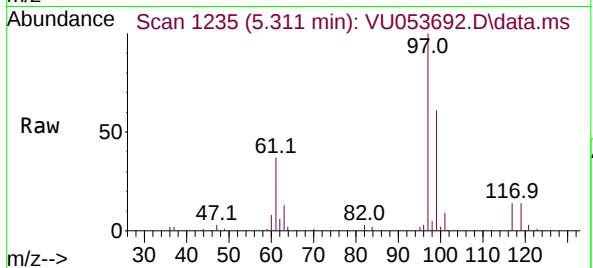




#29
1,1,1-Trichloroethane
Concen: 3.149 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU053692.D
Acq: 13 Apr 2023 19:21

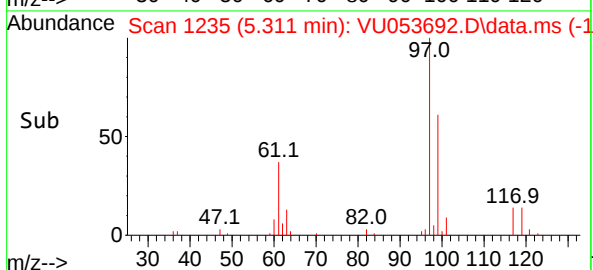
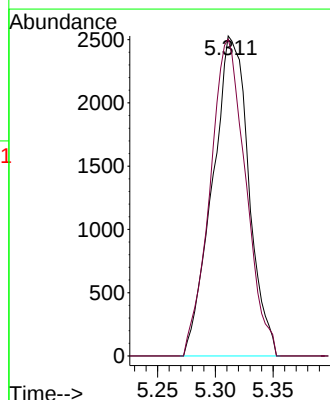
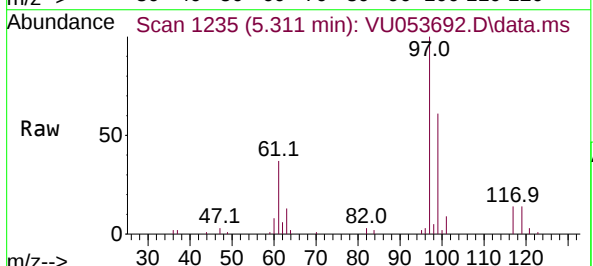
Instrument :
MSVOA_U
ClientSampleId :
BHE02

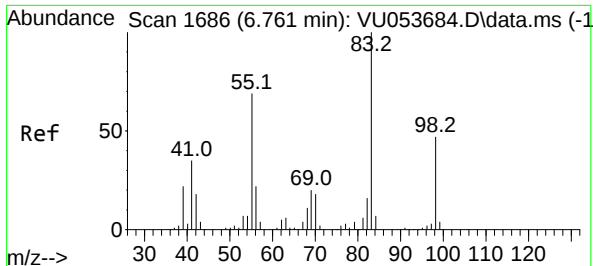
Tgt Ion: 97 Resp: 40864
Ion Ratio Lower Upper
97 100
99 63.1 49.9 74.9
61 39.1 35.7 53.5



#31
Carbon tetrachloride
Concen: 0.503 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.209 min
Lab File: VU053692.D
Acq: 13 Apr 2023 19:21

Tgt Ion: 117 Resp: 5523
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5





#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU053692.D

Acq: 13 Apr 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

BHE02

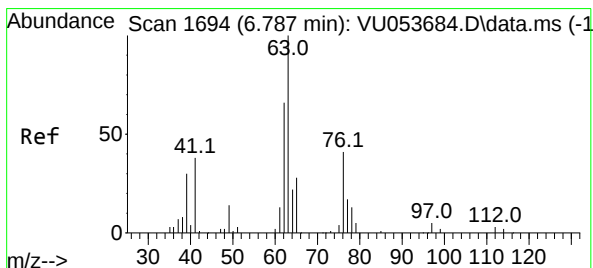
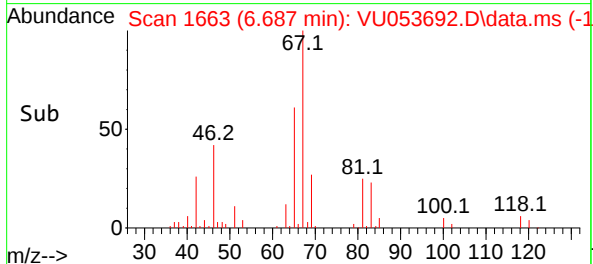
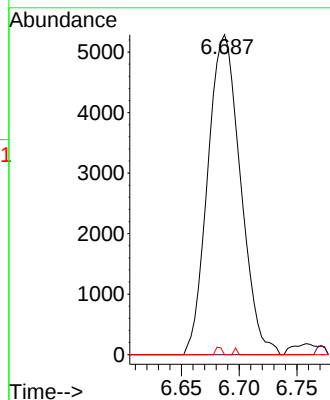
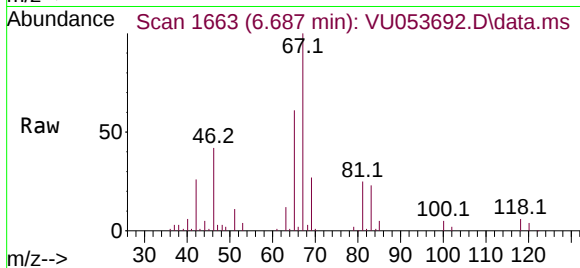
Tgt Ion: 83 Resp: 10422

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.4 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053692.D

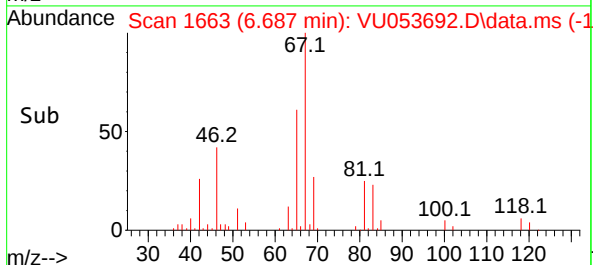
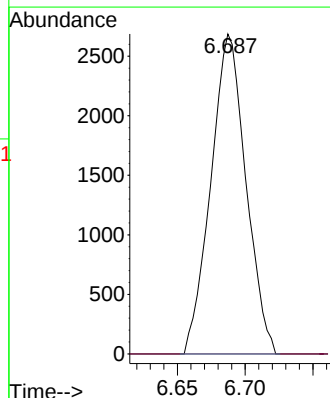
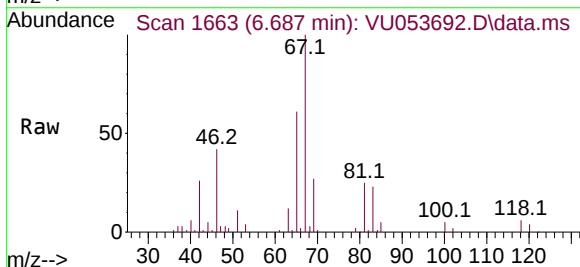
Acq: 13 Apr 2023 19:21

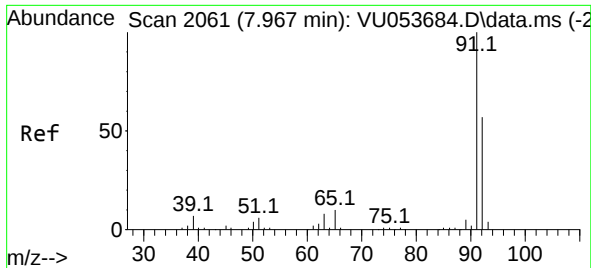
Tgt Ion: 63 Resp: 4829

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.889 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053692.D

Acq: 13 Apr 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

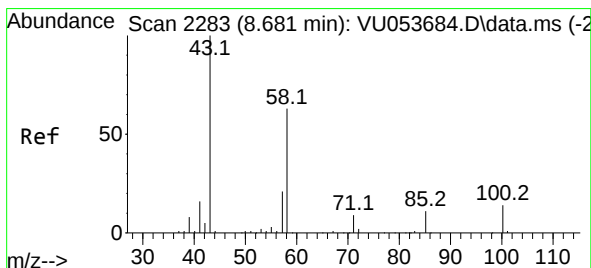
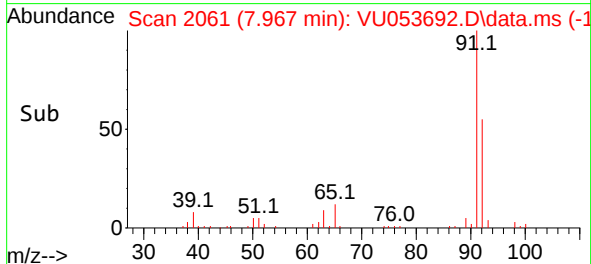
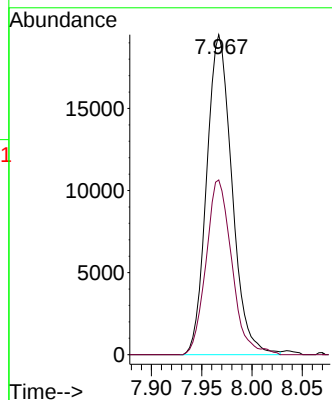
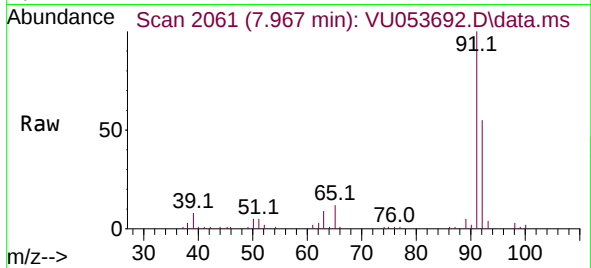
BHE02

Tgt Ion: 91 Resp: 34220

Ion Ratio Lower Upper

91 100

92 54.6 40.4 75.0



#48

2-Hexanone

Concen: 0.668 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.003 min

Lab File: VU053692.D

Acq: 13 Apr 2023 19:21

Tgt Ion: 43 Resp: 2247

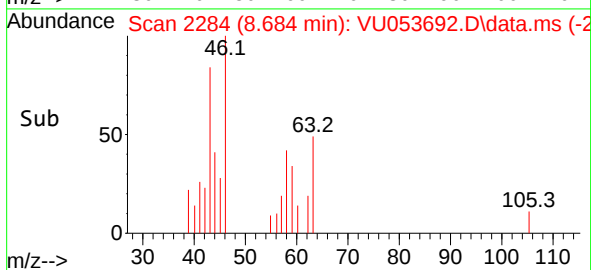
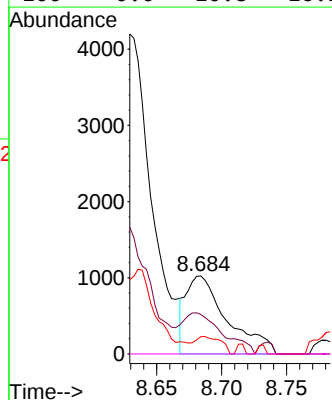
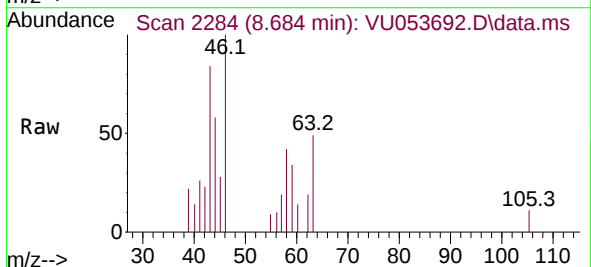
Ion Ratio Lower Upper

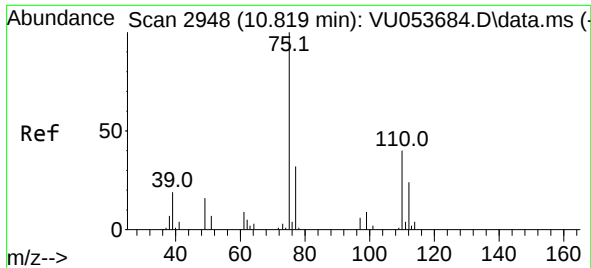
43 100

58 51.9 52.8 79.2#

57 14.4 17.1 25.7#

100 0.0 10.8 16.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.504 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053692.D
 Acq: 13 Apr 2023 19:21

Instrument :
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Tgt Ion: 75 Resp: 8168
 Ion Ratio Lower Upper
 75 100
 110 1.0 30.6 46.0#
 77 32.9 26.1 39.1

