

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053848.D
 Acq On : 24 Apr 2023 17:43
 Operator : JC/MD
 Sample : 02433-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE37

Quant Time: Apr 25 05:03:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 05:01:02 2023
 Response via : Initial Calibration

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

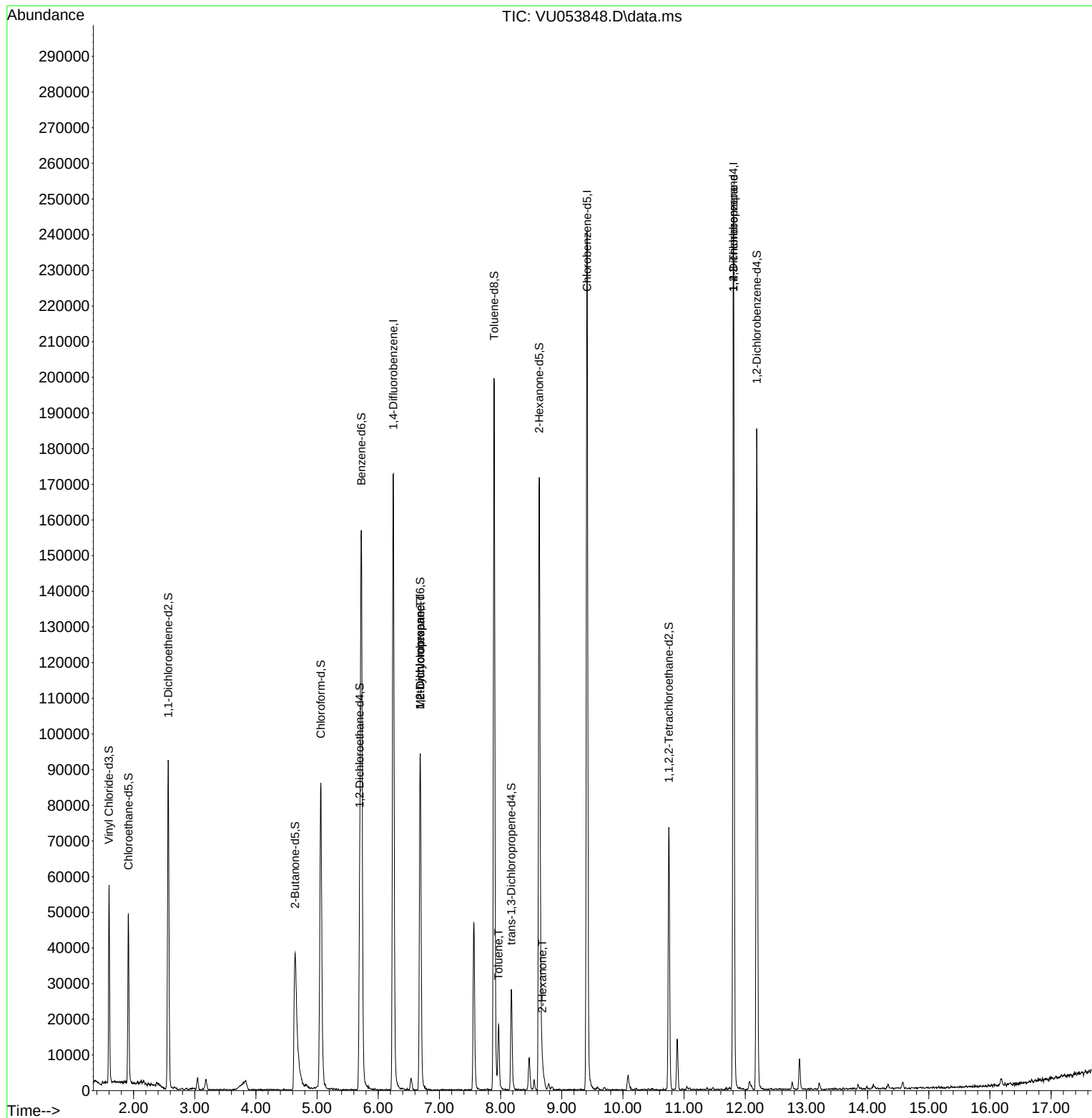
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	154213	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	146225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41454	4.413	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.916	69	35657	4.523	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.568	65	17045	4.409	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.642	46	78347	45.540	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.080%	
24) Chloroform-d	5.060	84	79432	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.697	65	36415	4.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.722	84	157656	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.687	67	48366	4.641	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.896	98	142950	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.176	79	18174	4.434	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.632	63	67336	46.424	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.840%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36784	4.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	50752	4.502	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	11096	0.640	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4974	0.486	ug/L #	87
42) Toluene	7.967	91	13966	0.320	ug/L	100
48) 2-Hexanone	8.684	43	3091	0.882	ug/L #	77
61) 1,2,3-Trichloropropane	11.806	75	8143	1.502	ug/L #	63

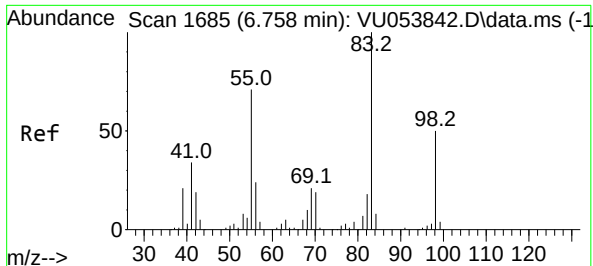
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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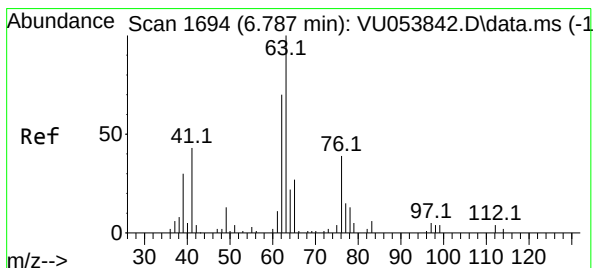
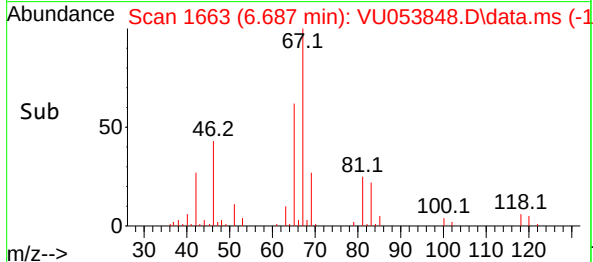
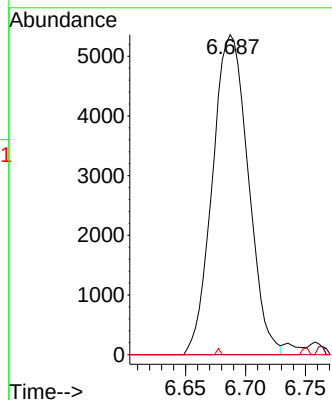
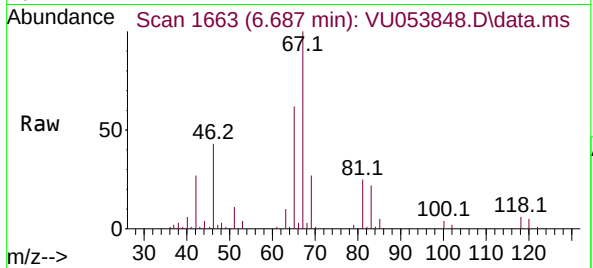




#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053848.D
Acq: 24 Apr 2023 17:43

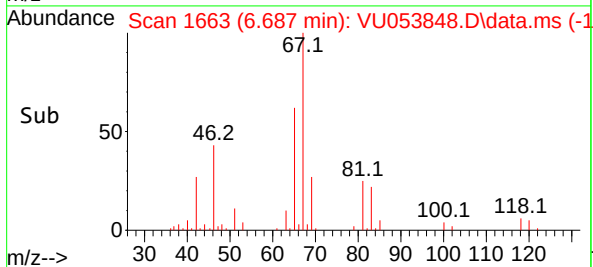
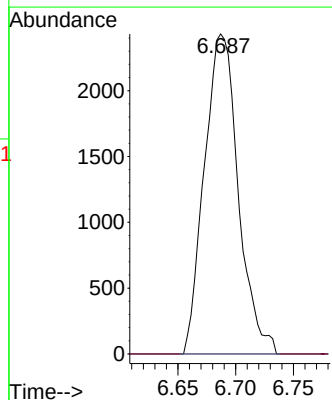
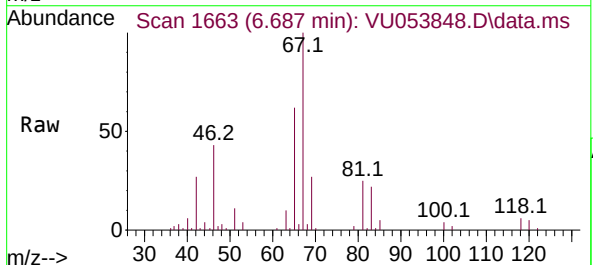
Instrument :
MSVOA_U
ClientSampleId :
BHE37

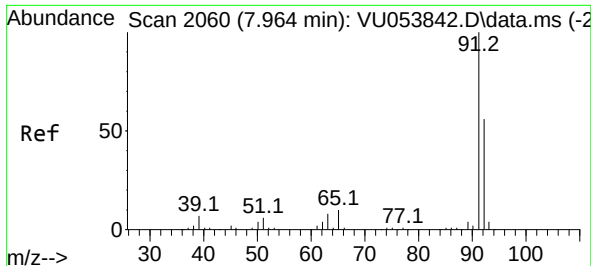
Tgt Ion: 83 Resp: 11096
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053848.D
Acq: 24 Apr 2023 17:43

Tgt Ion: 63 Resp: 4974
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#42

Toluene

Concen: 0.320 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053848.D

Acq: 24 Apr 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

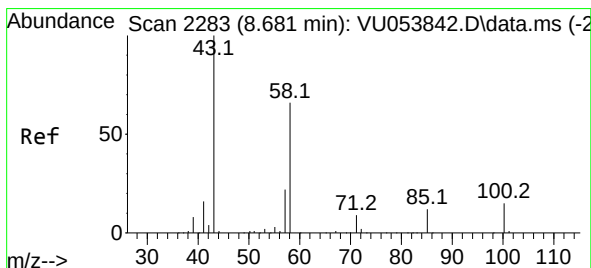
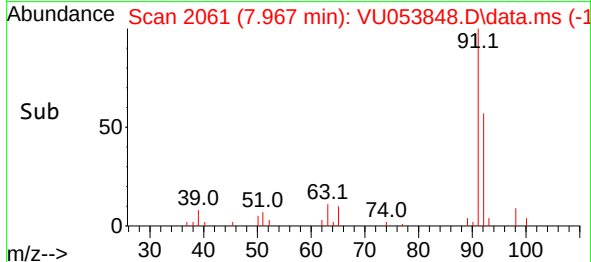
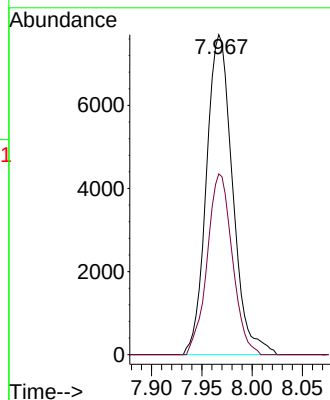
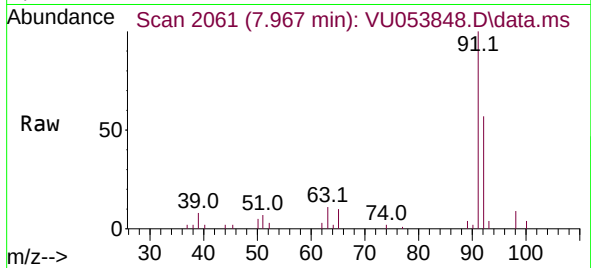
BHE37

Tgt Ion: 91 Resp: 13966

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.3



#48

2-Hexanone

Concen: 0.882 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.003 min

Lab File: VU053848.D

Acq: 24 Apr 2023 17:43

Tgt Ion: 43 Resp: 3091

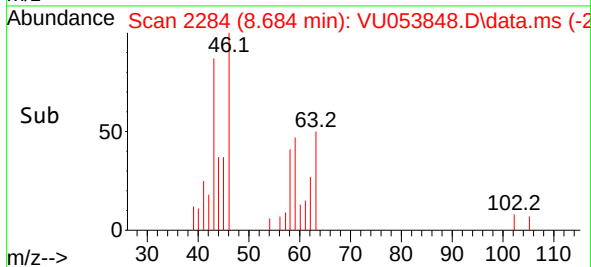
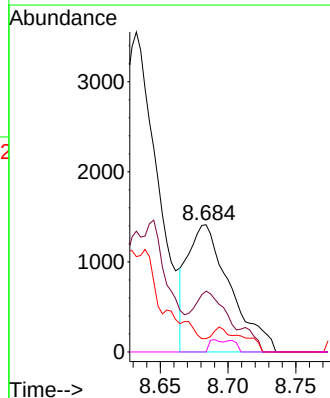
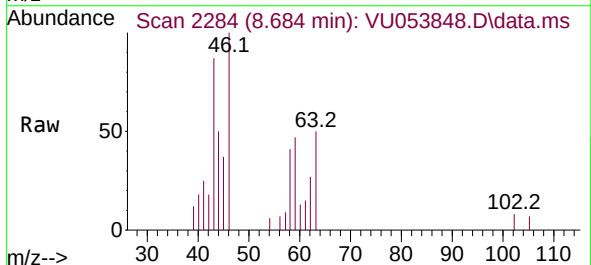
Ion Ratio Lower Upper

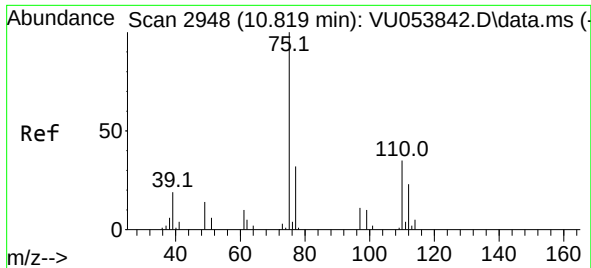
43 100

58 44.0 49.8 74.6#

57 13.9 16.9 25.3#

100 3.1 11.8 17.8#





#61

1,2,3-Trichloropropane

Concen: 1.502 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053848.D

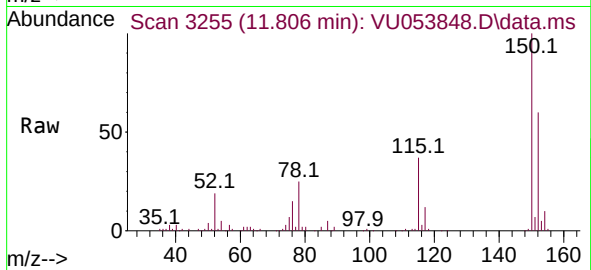
Acq: 24 Apr 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

BHE37



Tgt Ion:	75	Resp:	8143
Ion	Ratio	Lower	Upper
75	100		
110	0.8	30.7	46.1#
77	28.2	26.2	39.4

