

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053851.D
 Acq On : 24 Apr 2023 18:56
 Operator : JC/MD
 Sample : 02433-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE44

Quant Time: Apr 25 05:04:33 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)

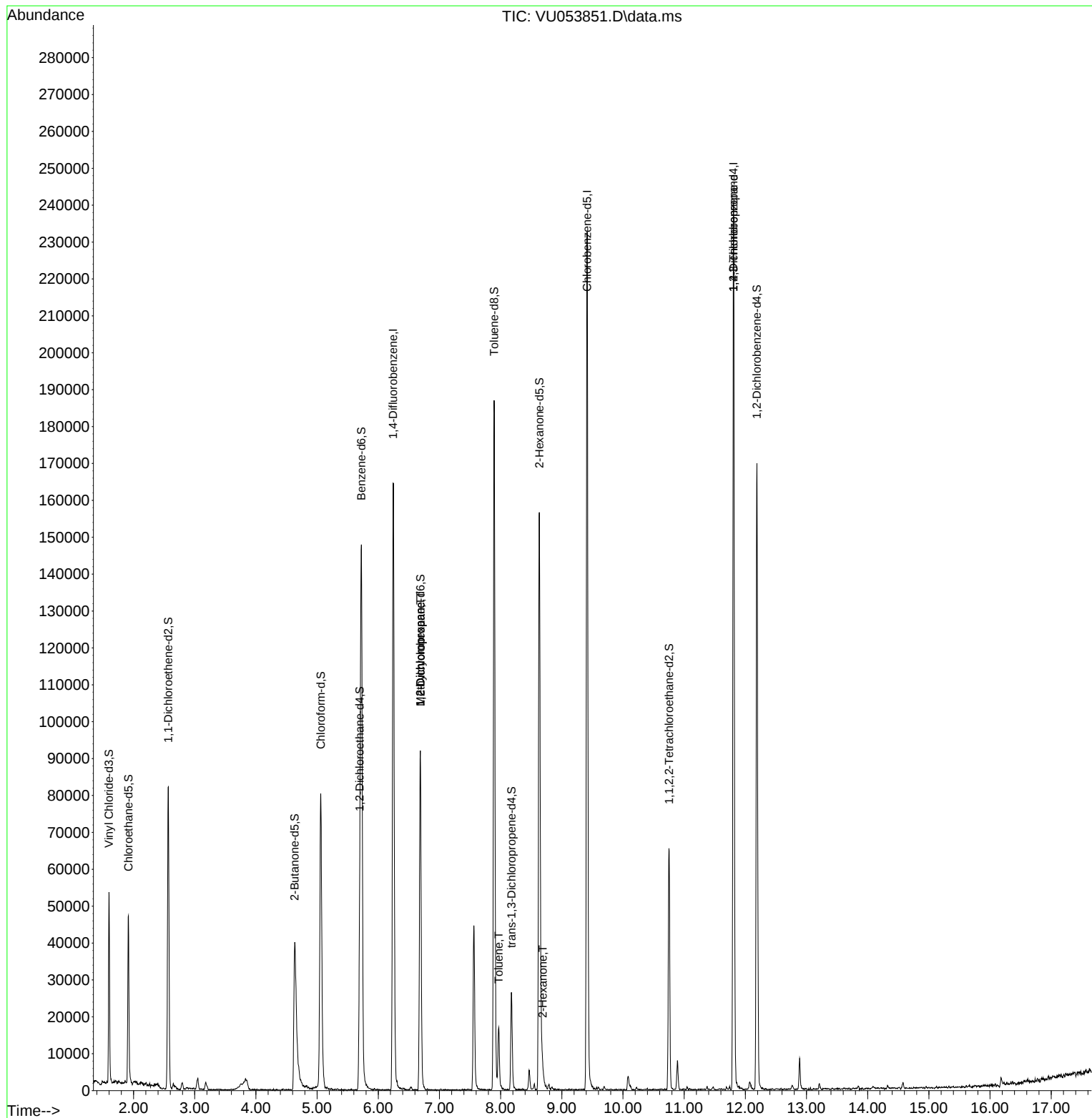
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	147084	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138705	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	39055	4.359	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.916	69	33442	4.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.569	65	15786	4.282	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.633	46	74047	45.127	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.260%	
24) Chloroform-d	5.060	84	73742	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.697	65	35507	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.723	84	148773	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.687	67	46662	4.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.893	98	132059	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17089	4.396	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.633	63	59150	42.992	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.980%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34442	4.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	47314	4.298	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.687	83	10637	0.646	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4619	0.476	ug/L #	87
42) Toluene	7.967	91	12457	0.300	ug/L	95
48) 2-Hexanone	8.687	43	2659	0.799	ug/L #	49
61) 1,2,3-Trichloropropane	11.806	75	7740	1.463	ug/L #	65

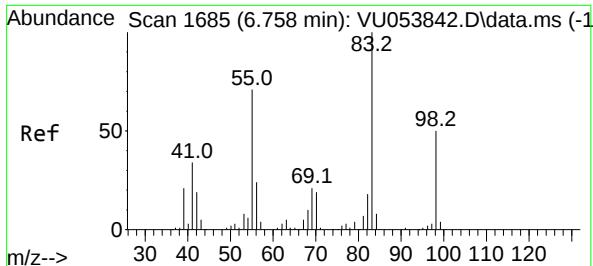
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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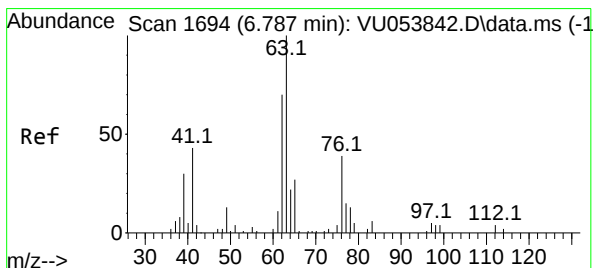
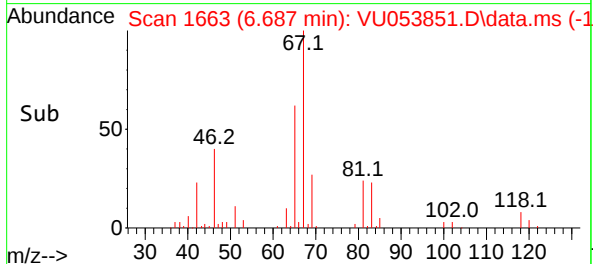
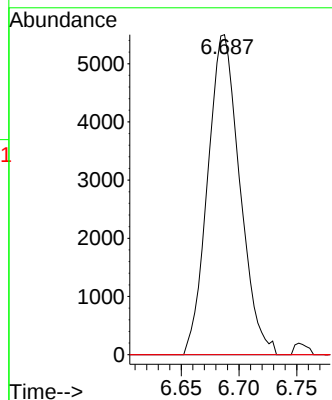
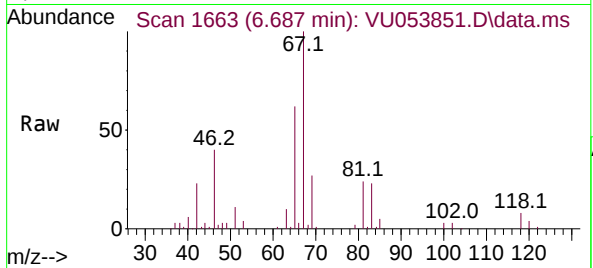




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053851.D
Acq: 24 Apr 2023 18:56

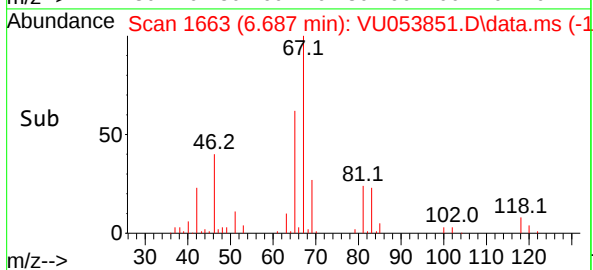
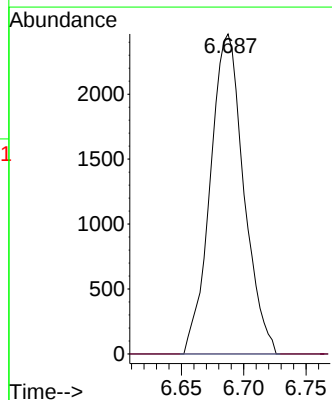
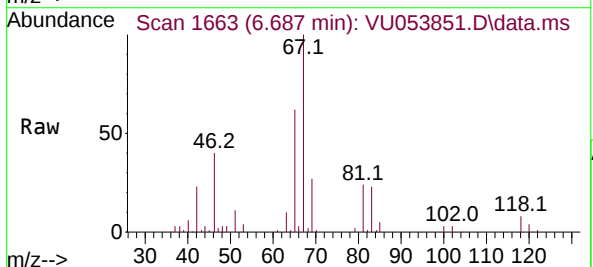
Instrument :
MSVOA_U
ClientSampleId :
BHE44

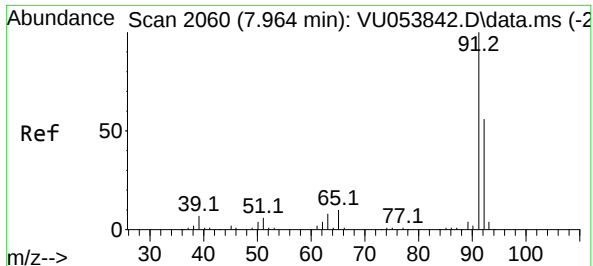
Tgt Ion: 83 Resp: 10637
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.099 min
Lab File: VU053851.D
Acq: 24 Apr 2023 18:56

Tgt Ion: 63 Resp: 4619
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#42

Toluene

Concen: 0.300 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053851.D

Acq: 24 Apr 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

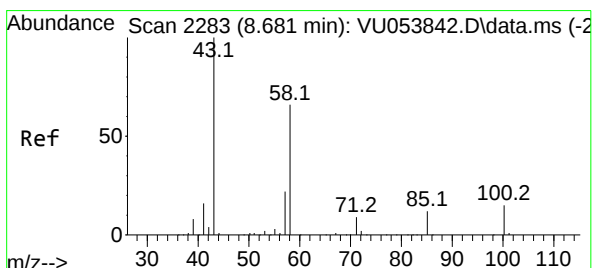
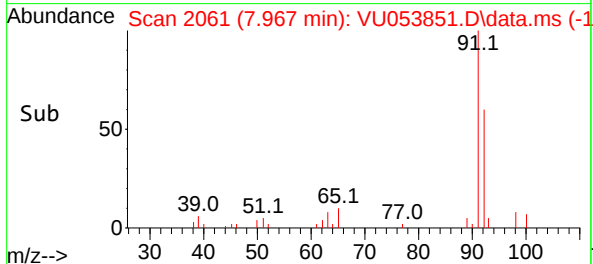
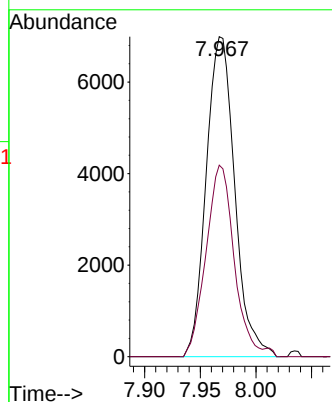
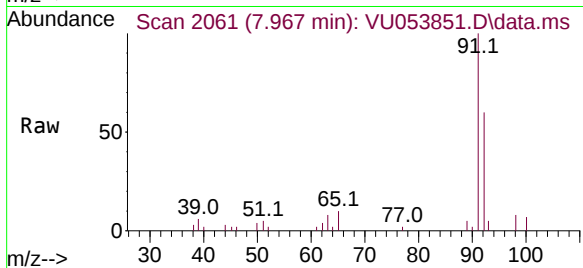
BHE44

Tgt Ion: 91 Resp: 12457

Ion Ratio Lower Upper

91 100

92 59.8 39.5 73.3



#48

2-Hexanone

Concen: 0.799 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. 0.007 min

Lab File: VU053851.D

Acq: 24 Apr 2023 18:56

Tgt Ion: 43 Resp: 2659

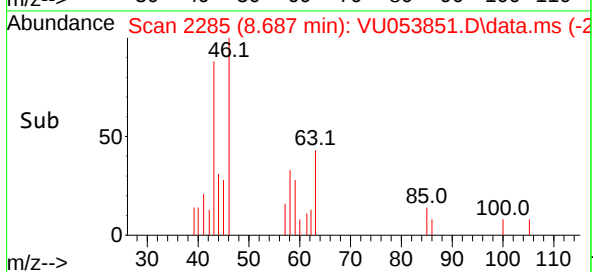
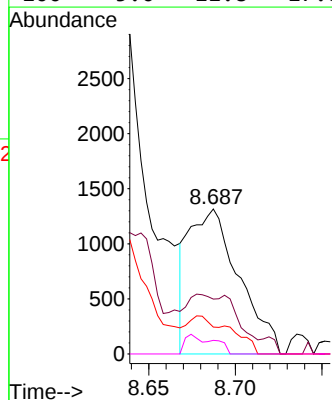
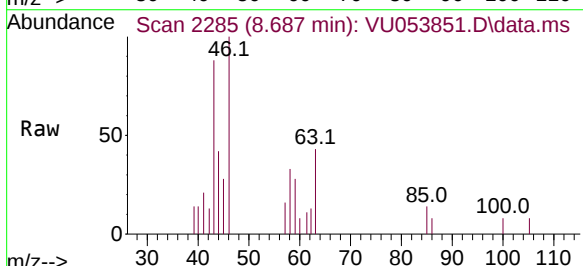
Ion Ratio Lower Upper

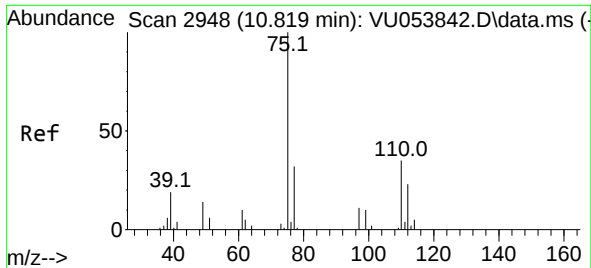
43 100

58 5.3 49.8 74.6#

57 22.8 16.9 25.3

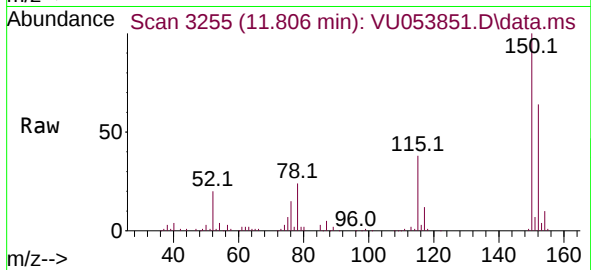
100 5.0 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.463 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053851.D
 Acq: 24 Apr 2023 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE44



Tgt Ion:	75	Resp:	7740
Ion	Ratio	Lower	Upper
75	100		
110	1.7	30.7	46.1#
77	30.1	26.2	39.4

