

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053811.D
 Acq On : 20 Apr 2023 17:10
 Operator : JC/MD
 Sample : 02392-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE24

Quant Time: Apr 21 04:21:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

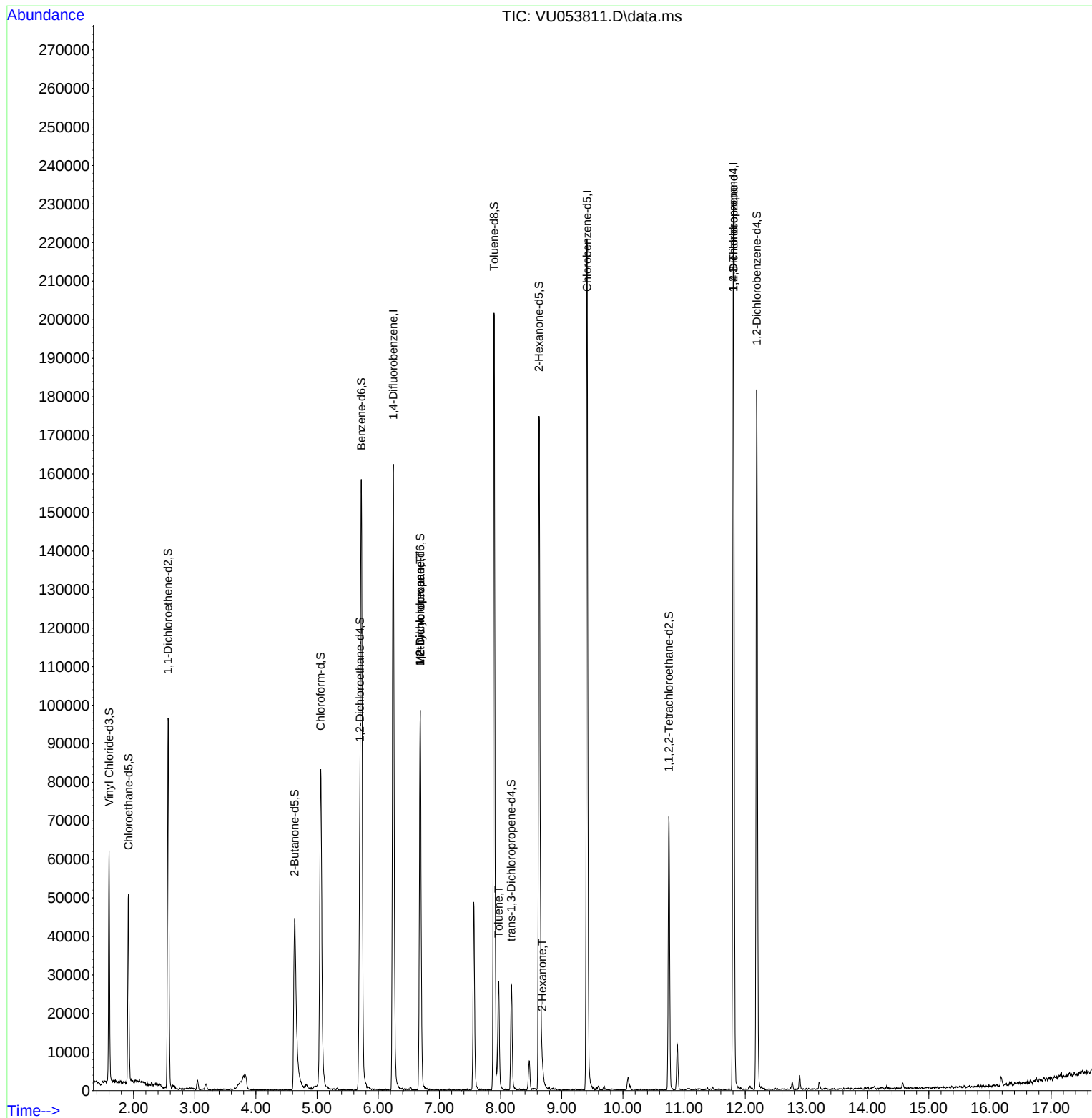
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43796	4.507	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.916	69	37214	4.220	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.565	65	17275	4.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.633	46	79778	35.837	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.680%	
24) Chloroform-d	5.057	84	78149	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.700	65	37627	4.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
32) Benzene-d6	5.726	84	158570	4.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.687	67	49934	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.896	98	142935	4.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	8.176	79	17461	3.974	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.629	63	64268	36.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.020%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34842	3.656	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	49565	4.351	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						
35) Methylcyclohexane	6.687	83	11855	0.730	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	4927	0.525	ug/L #	91
42) Toluene	7.970	91	22912	0.590	ug/L	89
48) 2-Hexanone	8.681	43	2239	0.660	ug/L #	86
61) 1,2,3-Trichloropropane	11.806	75	7567	1.442	ug/L #	64

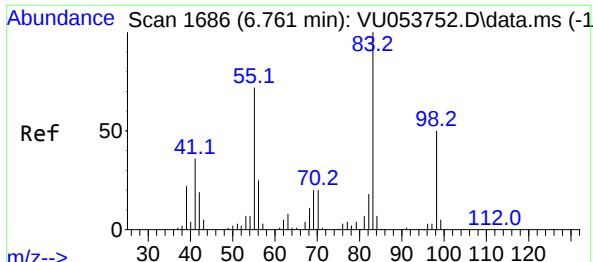
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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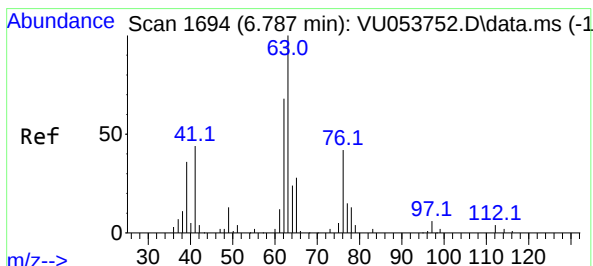
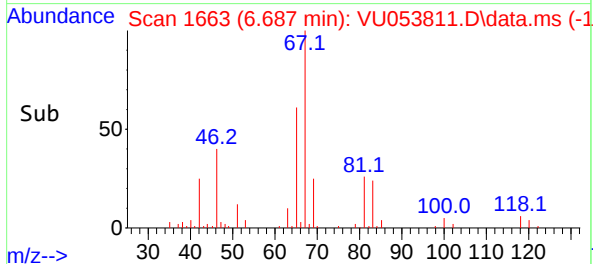
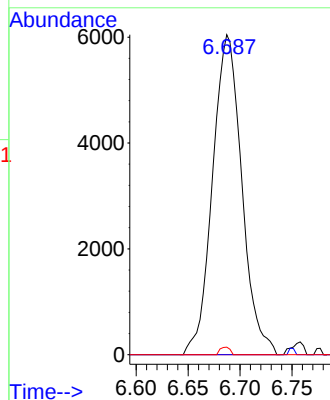
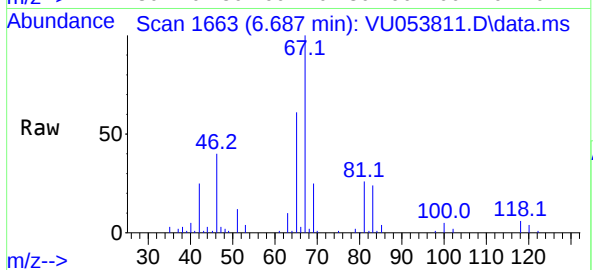




#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053811.D
Acq: 20 Apr 2023 17:10

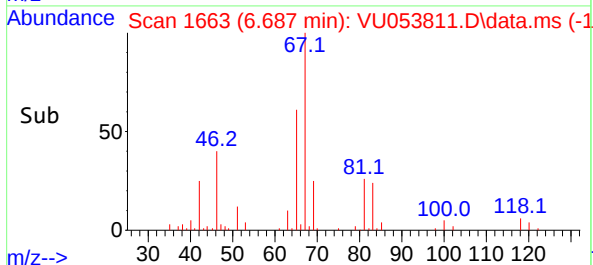
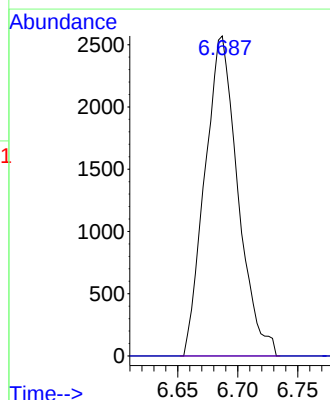
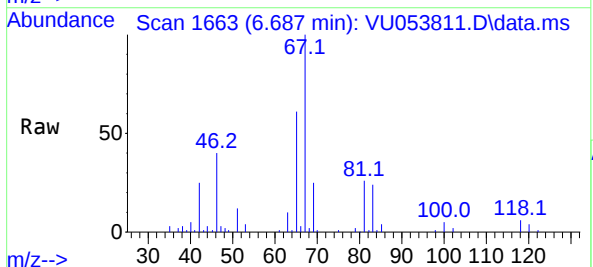
Instrument :
MSVOA_U
ClientSampleId :
BHE24

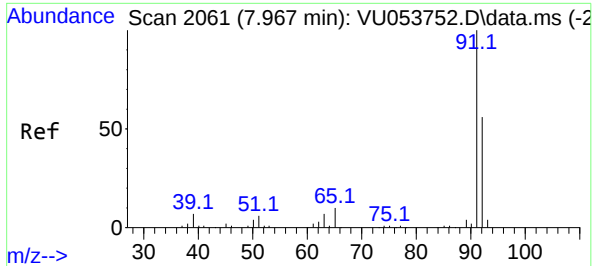
Tgt Ion: 83 Resp: 11855
Ion Ratio Lower Upper
83 100
55 0.4 54.9 82.3#
98 0.8 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053811.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 63 Resp: 4927
Ion Ratio Lower Upper
63 100
112 0.9 3.0 4.4#





#42

Toluene

Concen: 0.590 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053811.D

Acq: 20 Apr 2023 17:10

Instrument :

MSVOA_U

ClientSampleId :

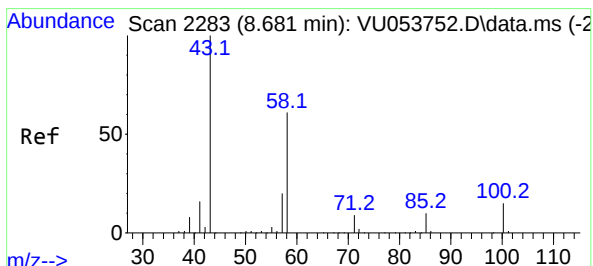
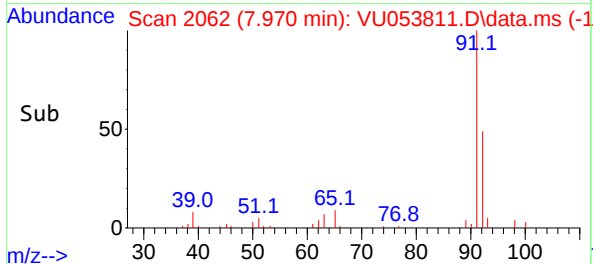
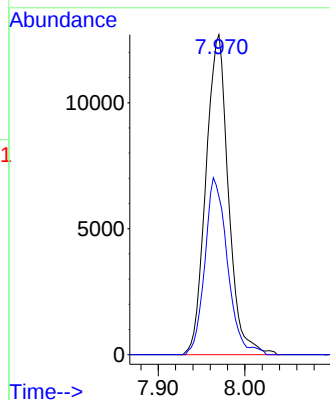
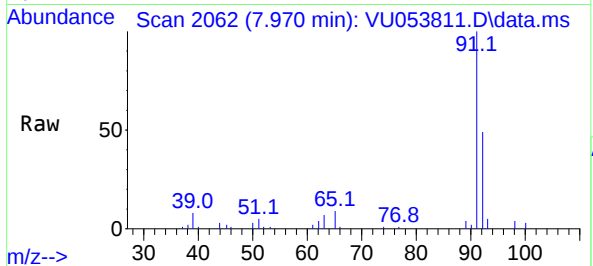
BHE24

Tgt Ion: 91 Resp: 22912

Ion Ratio Lower Upper

91 100

92 49.4 40.4 75.0



#48

2-Hexanone

Concen: 0.660 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VU053811.D

Acq: 20 Apr 2023 17:10

Tgt Ion: 43 Resp: 2239

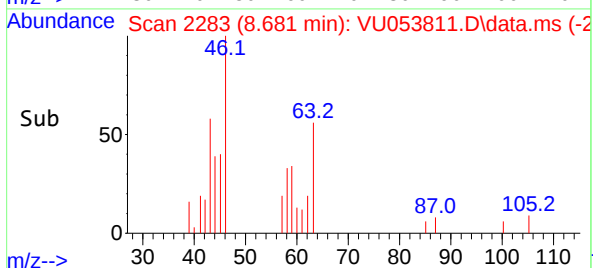
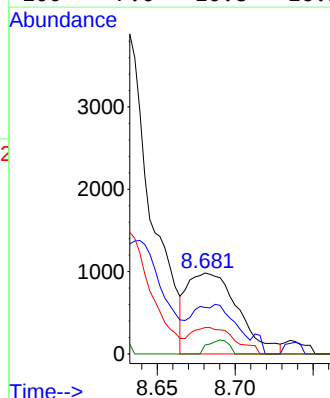
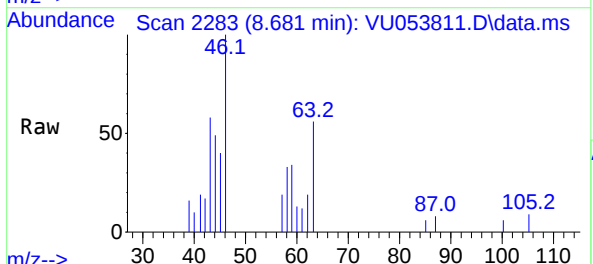
Ion Ratio Lower Upper

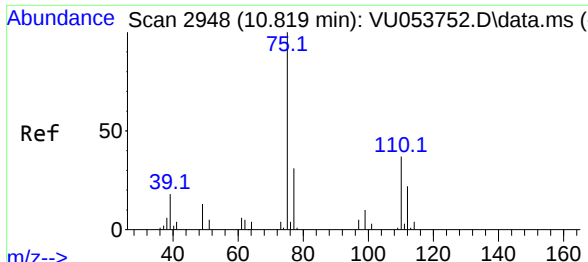
43 100

58 54.7 52.8 79.2

57 27.4 17.1 25.7#

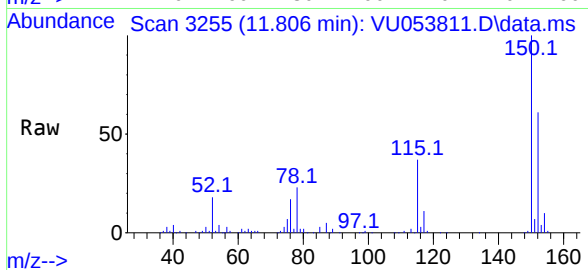
100 7.0 10.8 16.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.442 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053811.D
 Acq: 20 Apr 2023 17:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE24



Tgt Ion: 75 Resp: 7567
 Ion Ratio Lower Upper
 75 100
 110 0.8 30.6 46.0#
 77 29.5 26.1 39.1

