

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053852.D
 Acq On : 24 Apr 2023 19:20
 Operator : JC/MD
 Sample : 02433-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE45

Quant Time: Apr 25 05:04:46 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

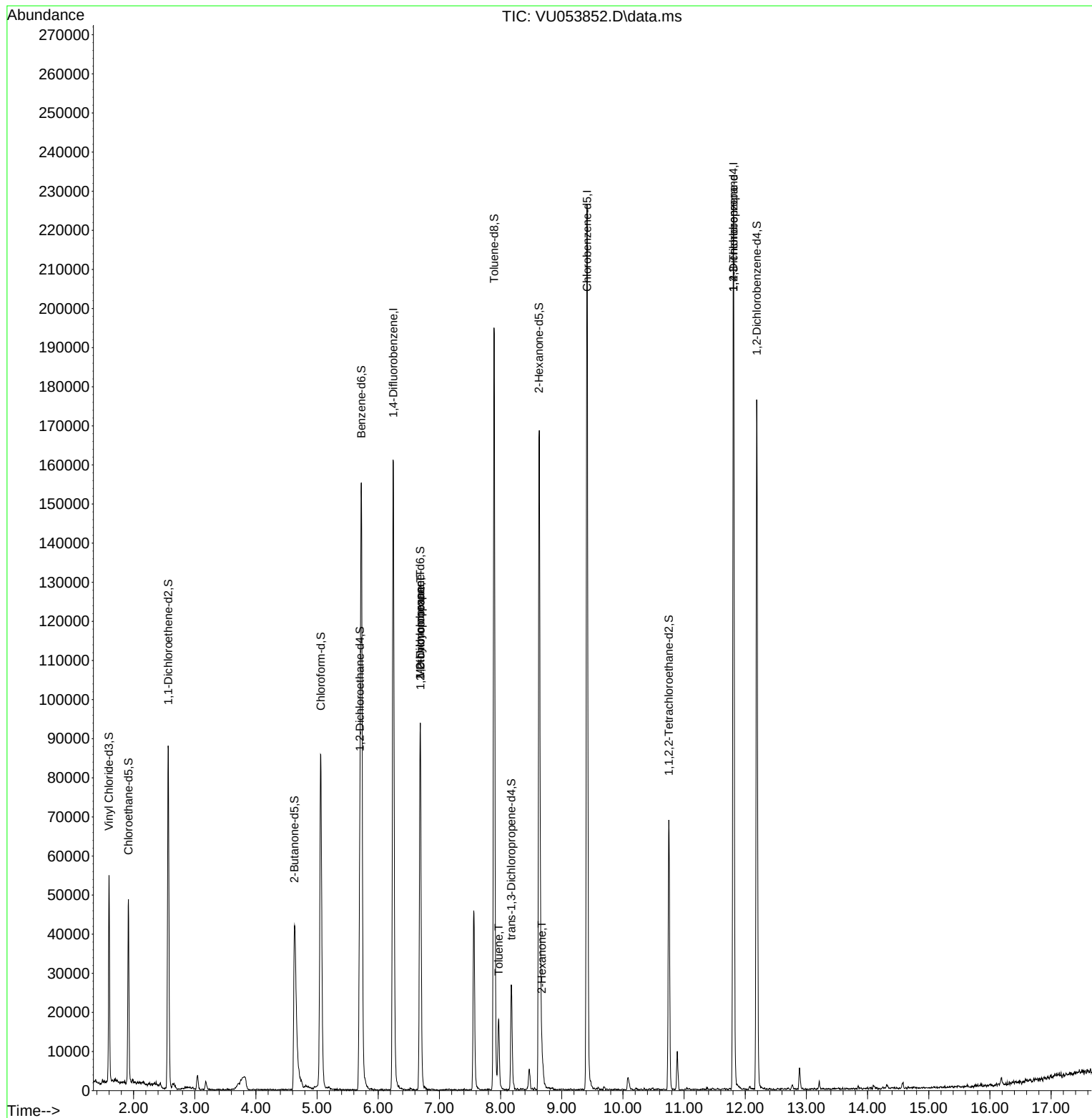
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143941	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38631	4.406	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.916	69	34635	4.707	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.568	65	15989	4.431	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.629	46	75305	46.895	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.800%	
24) Chloroform-d	5.060	84	76206	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.700	65	35990	4.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.723	84	154632	4.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.687	67	48036	4.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.893	98	137733	4.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.176	79	17996	4.740	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.629	63	61958	46.112	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.220%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35249	4.518	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48939	4.679	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.687	83	11437	0.712	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	5123	0.541	ug/L #	87
42) Toluene	7.970	91	15014	0.371	ug/L	95
48) 2-Hexanone	8.674	43	2858	0.880	ug/L #	83
61) 1,2,3-Trichloropropane	11.806	75	7650	1.521	ug/L #	65

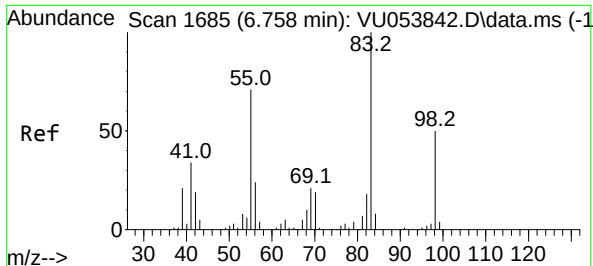
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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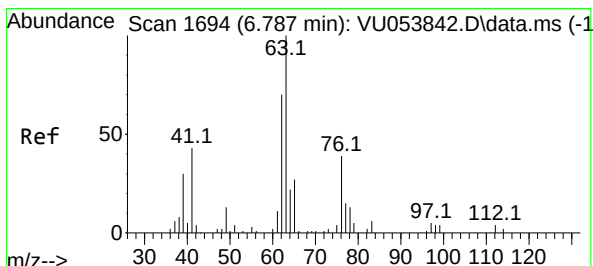
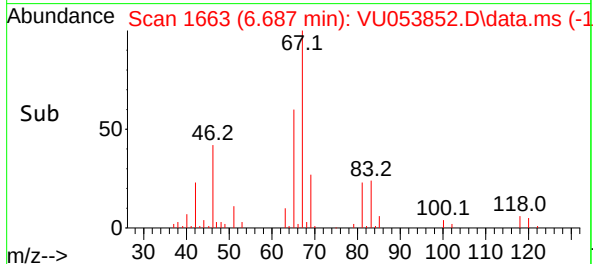
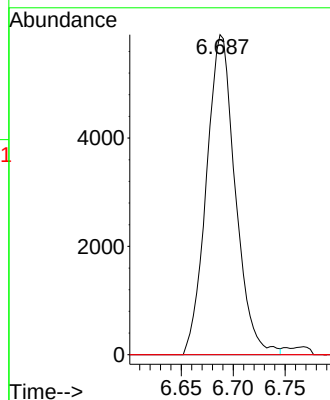
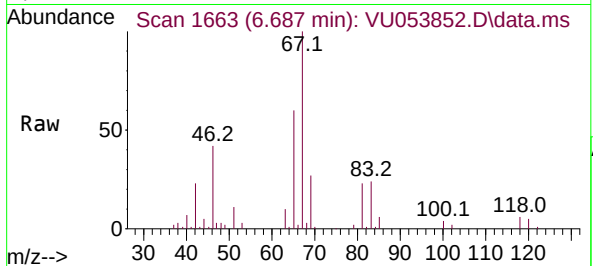




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053852.D
Acq: 24 Apr 2023 19:20

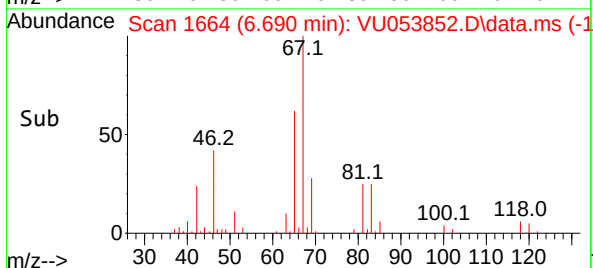
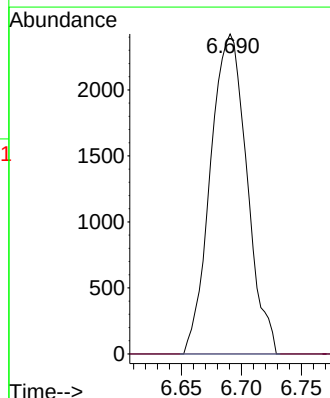
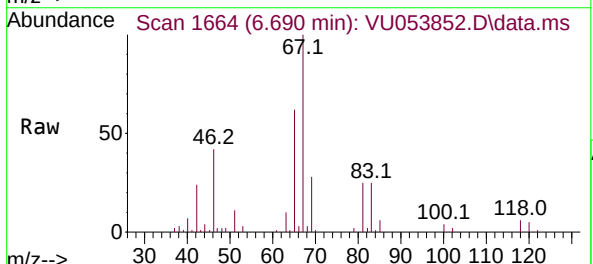
Instrument :
MSVOA_U
ClientSampleId :
BHE45

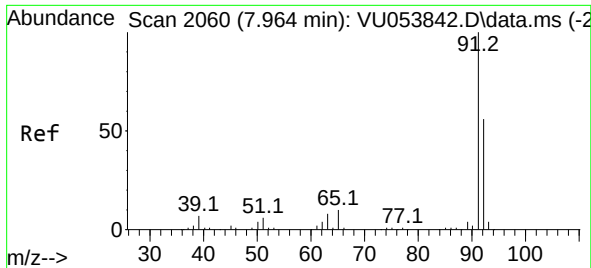
Tgt Ion: 83 Resp: 11437
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU053852.D
Acq: 24 Apr 2023 19:20

Tgt Ion: 63 Resp: 5123
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#42

Toluene

Concen: 0.371 ug/L

RT: 7.970 min Scan# 2060

Delta R.T. 0.007 min

Lab File: VU053852.D

Acq: 24 Apr 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

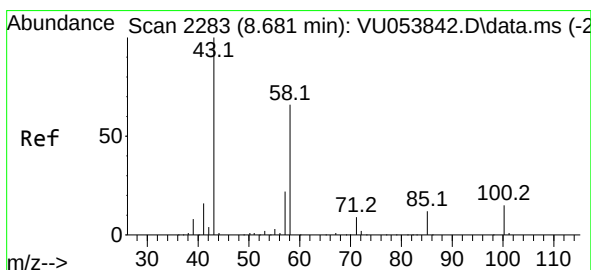
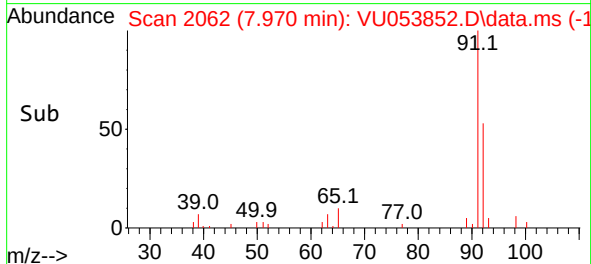
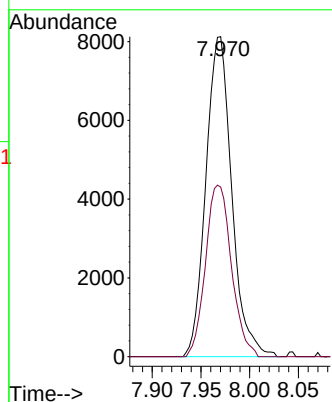
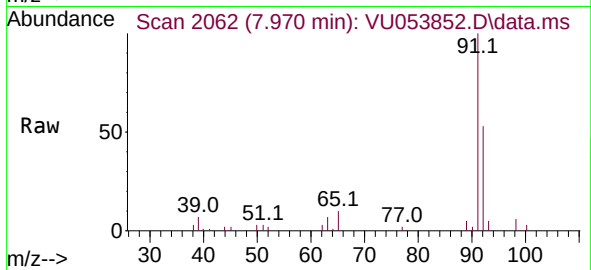
BHE45

Tgt Ion: 91 Resp: 15014

Ion Ratio Lower Upper

91 100

92 53.0 39.5 73.3



#48

2-Hexanone

Concen: 0.880 ug/L

RT: 8.674 min Scan# 2281

Delta R.T. -0.006 min

Lab File: VU053852.D

Acq: 24 Apr 2023 19:20

Tgt Ion: 43 Resp: 2858

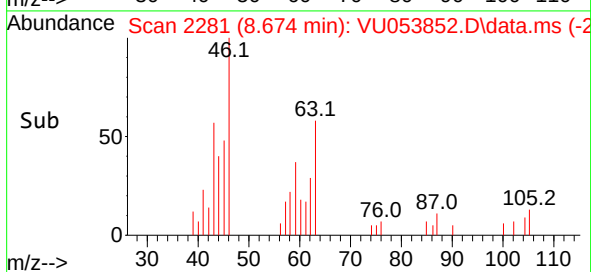
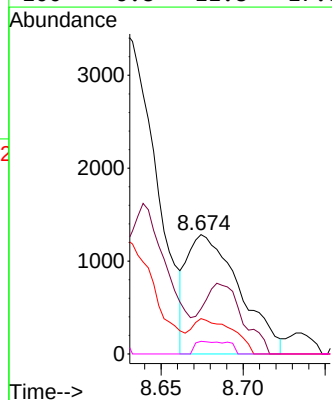
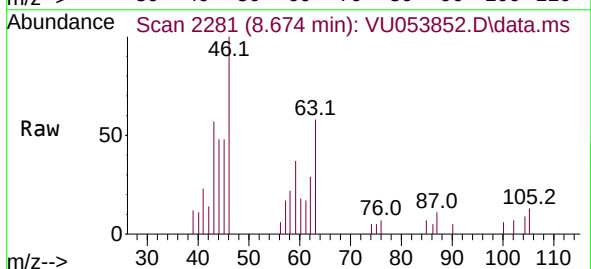
Ion Ratio Lower Upper

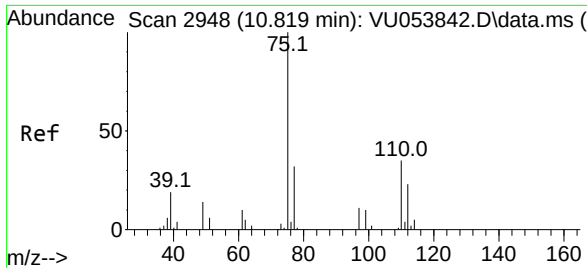
43 100

58 45.9 49.8 74.6#

57 22.8 16.9 25.3

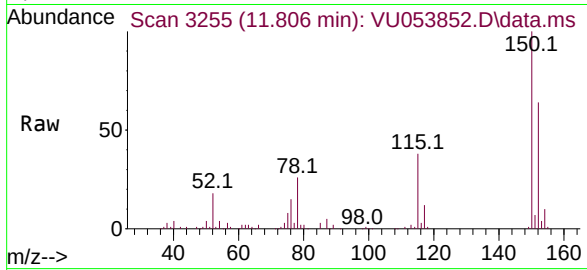
100 6.8 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.521 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053852.D
 Acq: 24 Apr 2023 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE45



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.7	46.1#
77	32.3	26.2	39.4

