

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053132.D
 Acq On : 18 Feb 2023 14:25
 Operator : JC/MD
 Sample : 01612-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM87

Quant Time: Feb 19 23:28:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

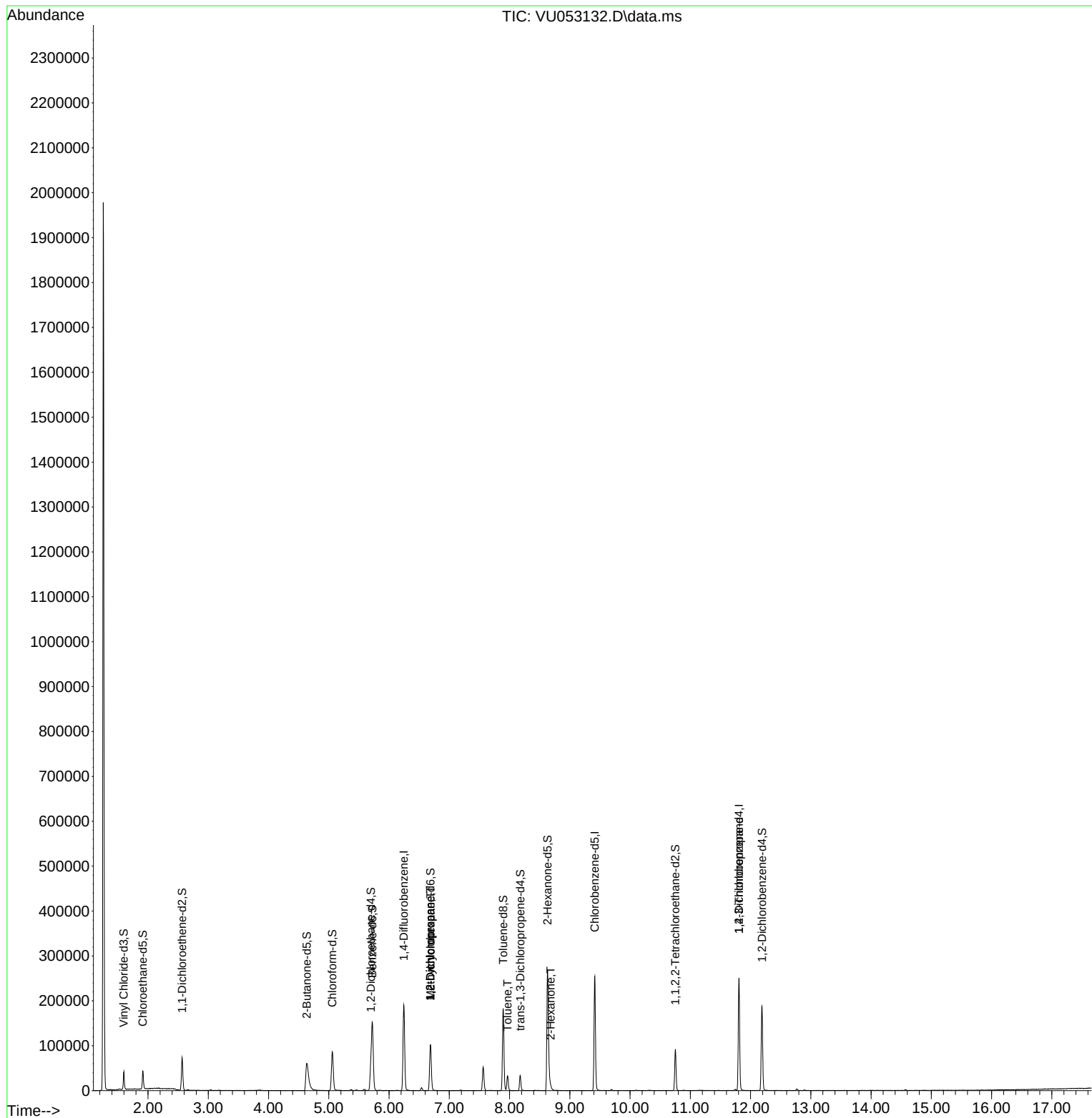
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	156723	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	27002	3.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.913	69	29663	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.566	65	13358	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.633	46	121658	52.908	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	5.058	84	78977	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.697	65	41886	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.723	84	147216	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.688	67	52186	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.894	98	124054	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.176	79	19764	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.630	63	97536	50.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	45441	4.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	47824	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	11834	0.651	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5543	0.510	ug/L #	90
42) Toluene	7.968	91	24303	0.561	ug/L	98
48) 2-Hexanone	8.681	43	5614	1.348	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	8252	1.355	ug/L #	69

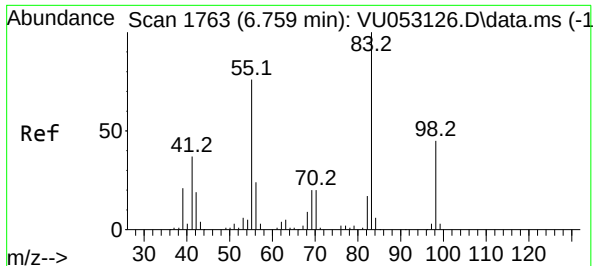
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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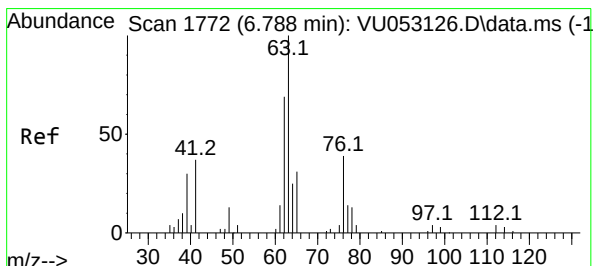
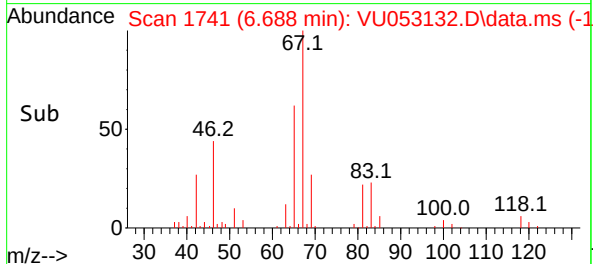
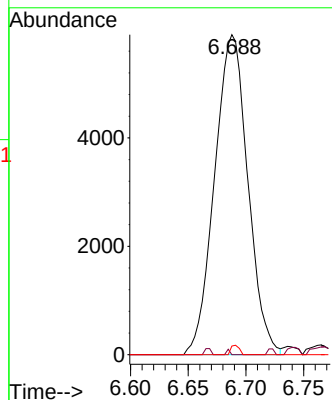
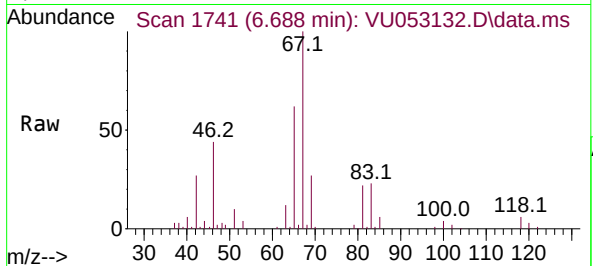




#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU053132.D
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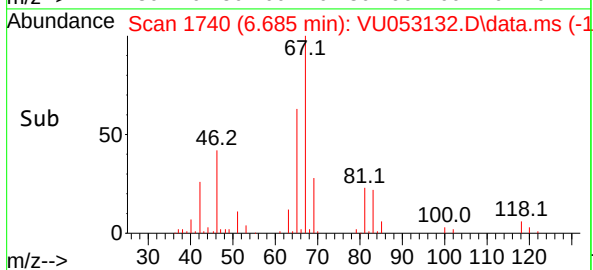
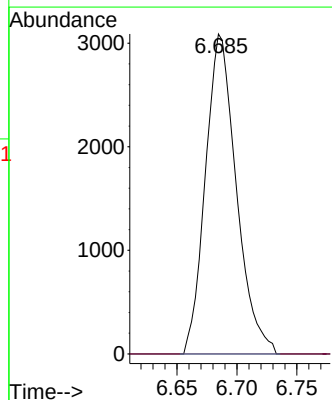
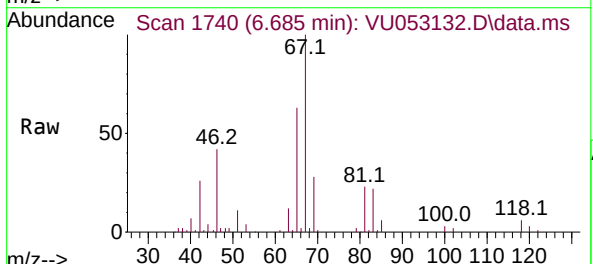
Instrument :
MSVOA_U
ClientSampleId :
COM87

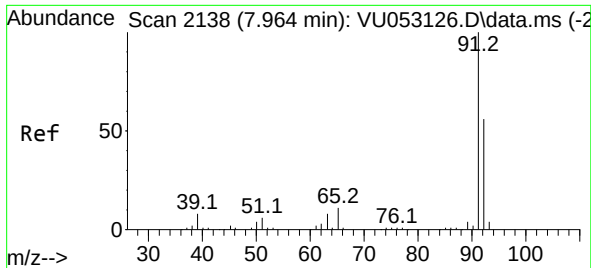
Tgt Ion: 83 Resp: 11834
Ion Ratio Lower Upper
83 100
55 0.2 57.9 86.9#
98 0.7 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.103 min
Lab File: VU053132.D
Acq: 18 Feb 2023 14:25

Tgt Ion: 63 Resp: 5543
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#42

Toluene

Concen: 0.561 ug/L

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053132.D

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Instrument :

MSVOA_U

ClientSampleId :

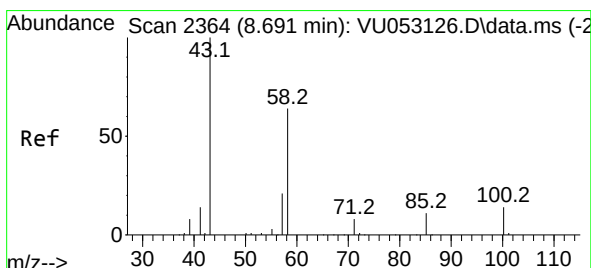
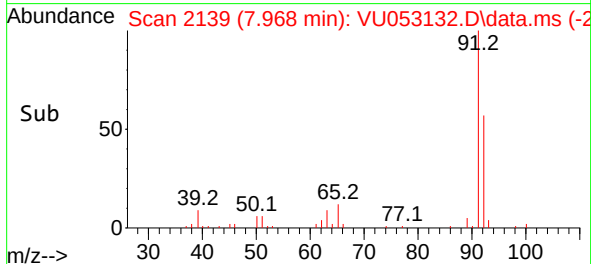
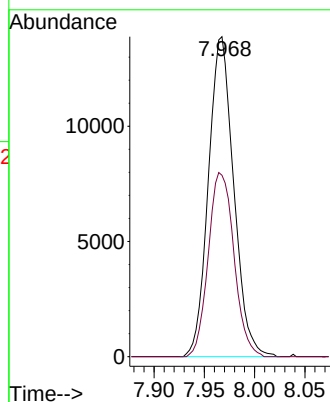
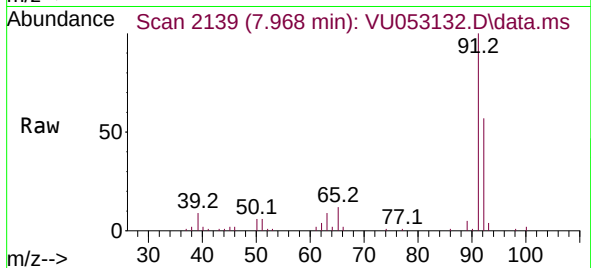
COM87

Tgt Ion: 91 Resp: 24303

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.3



#48

2-Hexanone

Concen: 1.348 ug/L

RT: 8.681 min Scan# 2361

Delta R.T. -0.010 min

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Tgt Ion: 43 Resp: 5614

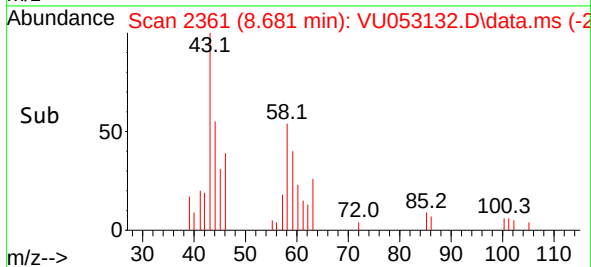
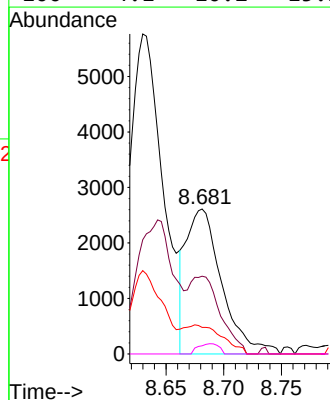
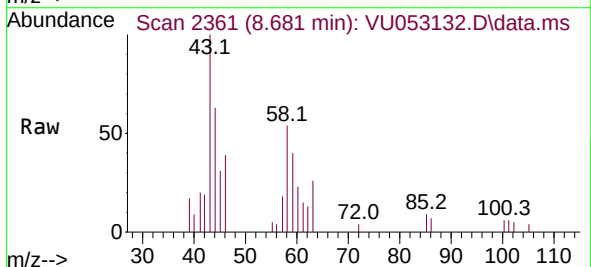
Ion Ratio Lower Upper

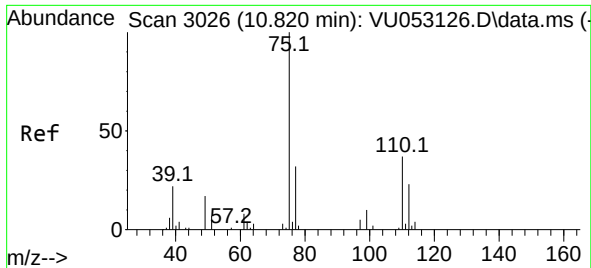
43 100

58 44.1 50.3 75.5#

57 0.0 17.4 26.0#

100 4.1 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.355 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053132.D

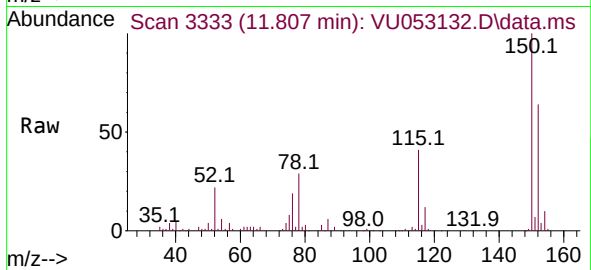
Acq: 18 Feb 2023 14:25

Instrument :

MSVOA_U

ClientSampleId :

COM87



Tgt Ion: 75 Resp: 8252

Ion Ratio Lower Upper

75 100

110 0.8 28.6 42.8#

77 33.4 27.6 41.4

