

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057082.D
 Acq On : 20 Dec 2023 11:14
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:43:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

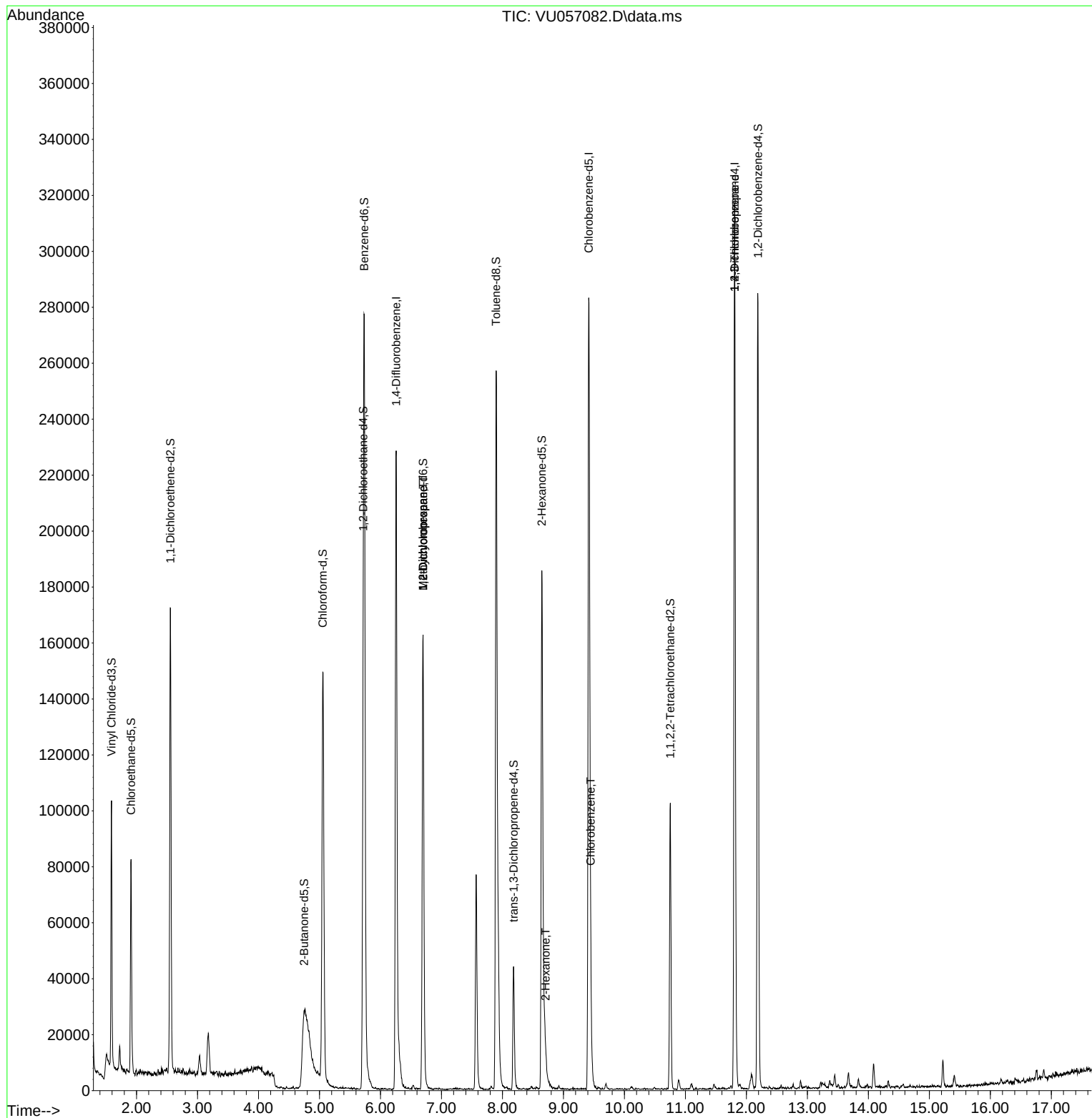
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	197424	5.000	ug/L	0.01
28) Chlorobenzene-d5	9.415	117	188424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	65731	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.911	69	58050	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	32812	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.750	46	35045	10.486	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	20.980%#
24) Chloroform-d	5.055	84	142574	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.718	65	65245	4.303	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.734	84	256043	4.381	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.698	67	75111	4.106	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.897	98	220473	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.184	79	26221	3.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.647	63	70659	26.409	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49249	3.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	74761	4.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
35) Methylcyclohexane	6.698	83	18552	0.692	ug/L #	17
37) 1,2-Dichloropropane	6.698	63	8519	0.503	ug/L #	88
48) 2-Hexanone	8.708	43	7008	1.223	ug/L #	38
51) Chlorobenzene	9.447	112	12337	0.283	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	11580	1.282	ug/L #	69

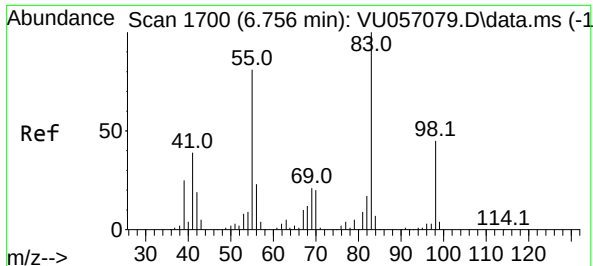
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.698 min Scan# 1

Delta R.T. -0.058 min

Lab File: VU057082.D

Acq: 20 Dec 2023 11:14

Instrument :

MSVOA_U

ClientSampleId :

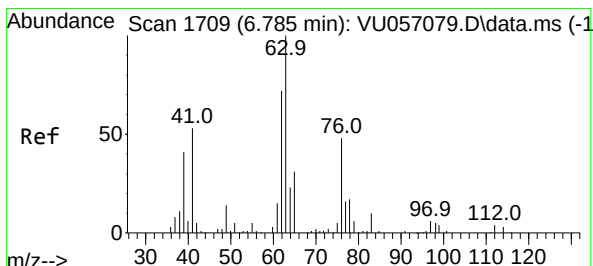
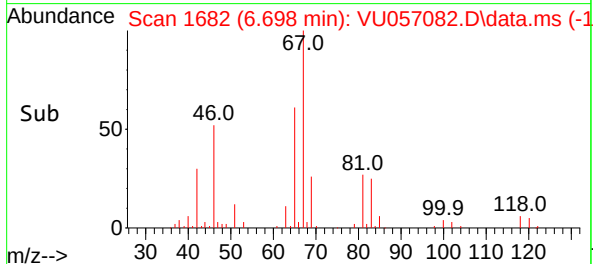
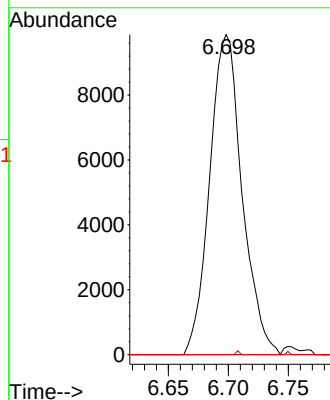
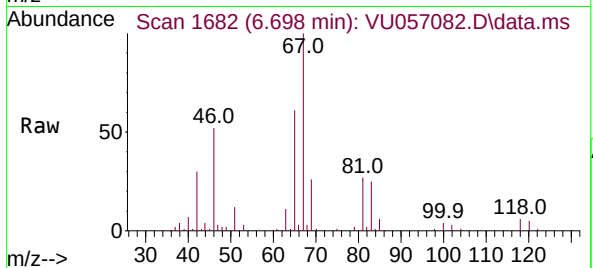
Tgt Ion: 83 Resp: 18552

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.1 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.698 min Scan# 1682

Delta R.T. -0.087 min

Lab File: VU057082.D

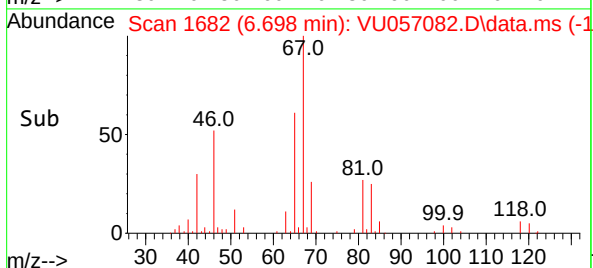
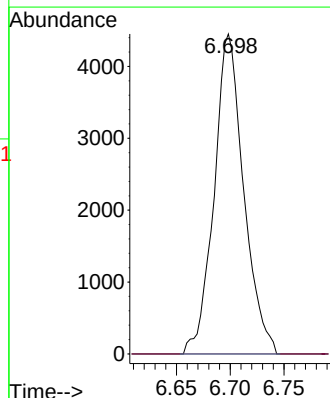
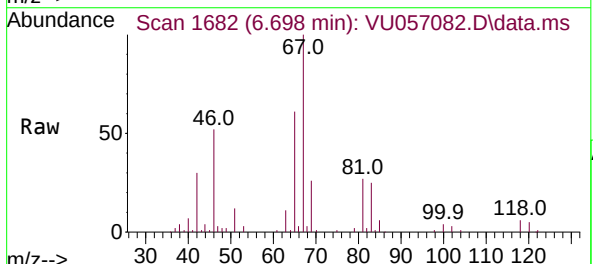
Acq: 20 Dec 2023 11:14

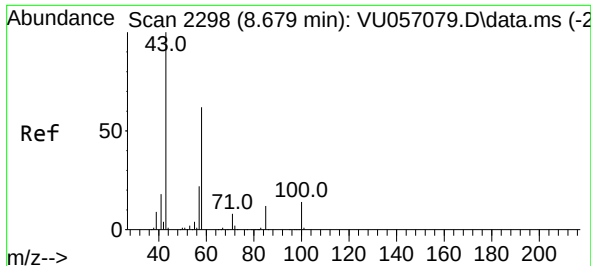
Tgt Ion: 63 Resp: 8519

Ion Ratio Lower Upper

63 100

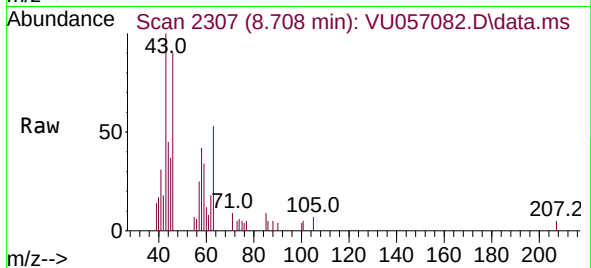
112 0.0 3.3 4.9#



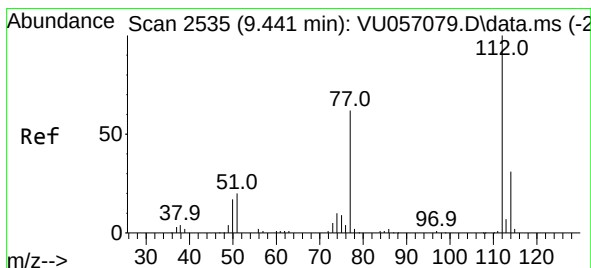
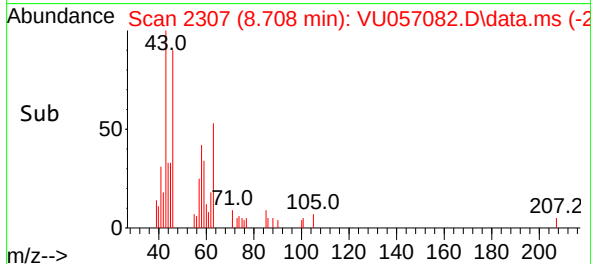
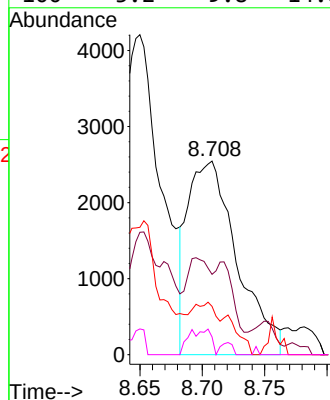


#48
2-Hexanone
Concen: 1.223 ug/L
RT: 8.708 min Scan# 21
Delta R.T. 0.029 min
Lab File: VU057082.D
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Instrument :
MSVOA_U
ClientSampleId :

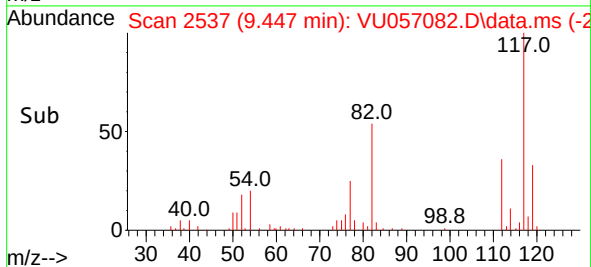
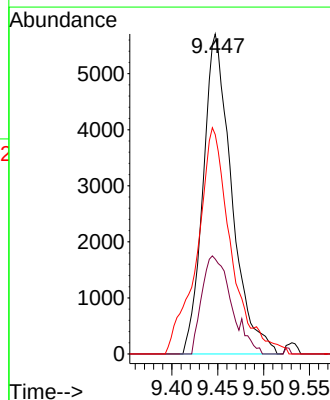
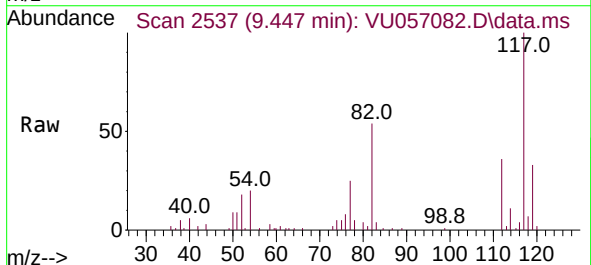


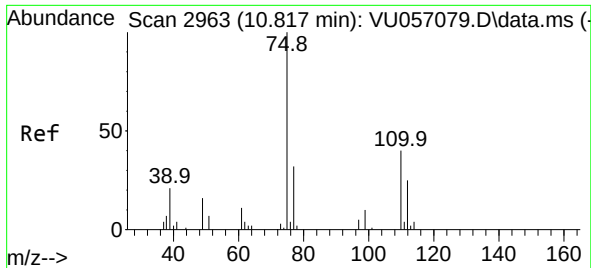
Tgt Ion: 43	Resp: 7008
Ion Ratio	Lower Upper
43 100	
58 0.0	47.5 71.3#
57 4.9	17.0 25.4#
100 3.2	9.8 14.8#



#51
Chlorobenzene
Concen: 0.283 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.006 min
Lab File: VU057082.D
Acq: 20 Dec 2023 11:14

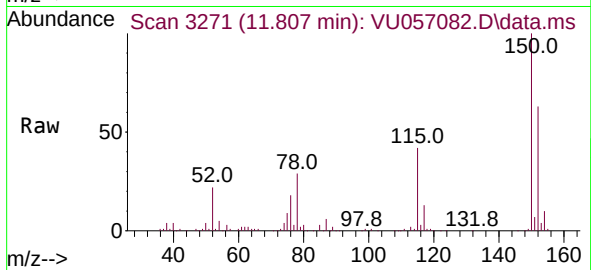
Tgt	Ion:112	Resp:	12337
Ion	Ratio	Lower	Upper
112	100		
114	29.6	21.9	40.7
77	68.6	51.6	77.4





#61
 1,2,3-Trichloropropane
 Concen: 1.282 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057082.D
 Acq: 20 Dec 2023 11:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11580
 Ion Ratio Lower Upper
 75 100
 110 3.1 28.4 42.6#
 77 35.5 26.3 39.5

