

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057140.D
 Acq On : 21 Dec 2023 17:37
 Operator : MD/SY
 Sample : 05949-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

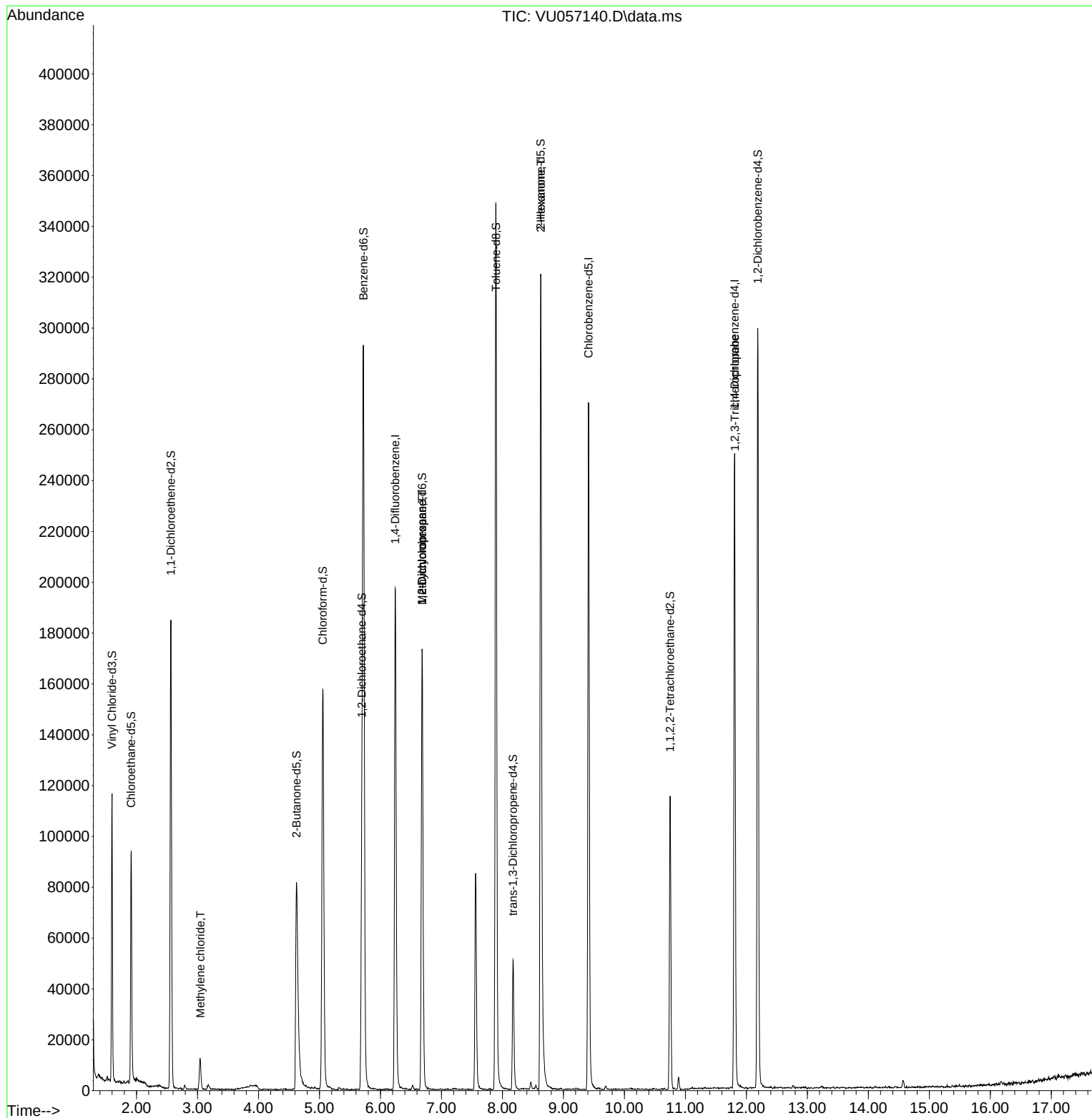
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	156449	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	150996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	65294	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	77857	5.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5		1.911	69	68288	5.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%	
11) 1,1-Dichloroethene-d2		2.563	65	35657	5.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.000%	
20) 2-Butanone-d5		4.624	46	135023	57.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.020%	
24) Chloroform-d		5.055	84	154150	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4		5.695	65	74461	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%	
32) Benzene-d6		5.721	84	280509	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%	
36) 1,2-Dichloropropane-d6		6.682	67	80096	5.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%	
41) Toluene-d8		7.894	98	237942	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...		8.174	79	31101	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%	
46) 2-Hexanone-d5		8.627	63	112790	53.997	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%	
56) 1,1,2,2-Tetrachloroeth...		10.750	84	55658	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4		12.187	152	75375	5.365	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%	
Target Compounds							
16) Methylene chloride		3.049	84	6295	0.463	ug/L	90
35) Methylcyclohexane		6.682	83	21517	1.168	ug/L #	19
37) 1,2-Dichloropropane		6.682	63	9168	0.770	ug/L #	88
48) 2-Hexanone		8.631	43	13774	3.617	ug/L #	71
61) 1,2,3-Trichloropropane		11.811	75	8073	1.327	ug/L #	65

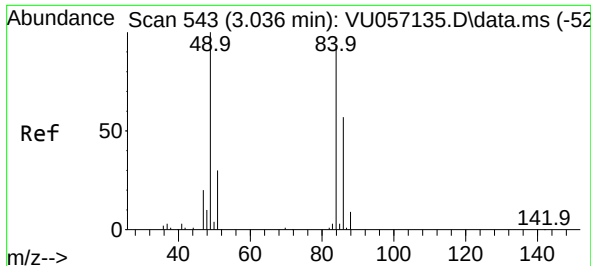
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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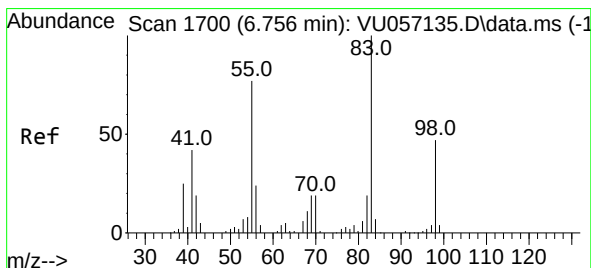
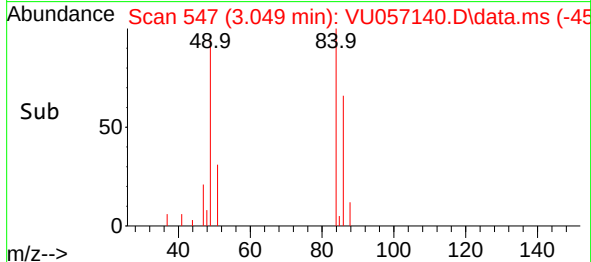
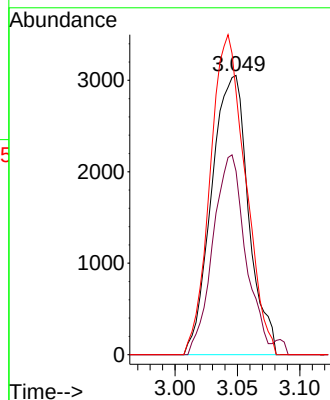
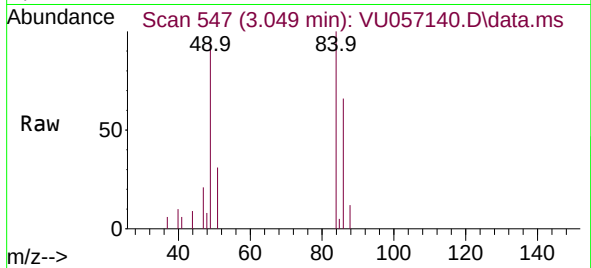




#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.049 min Scan# 54
Delta R.T. 0.013 min
Lab File: VU057140.D
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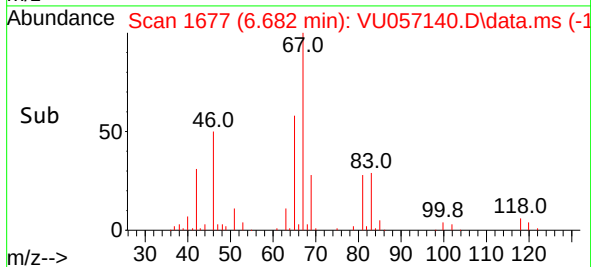
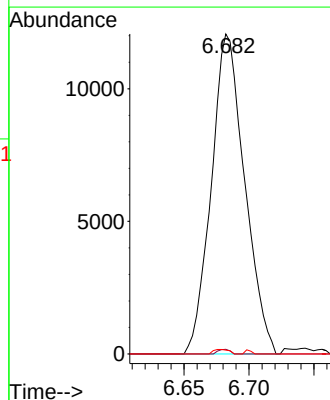
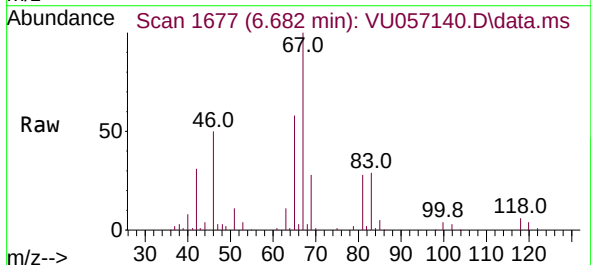
Instrument :
MSVOA_U
ClientSampleId :

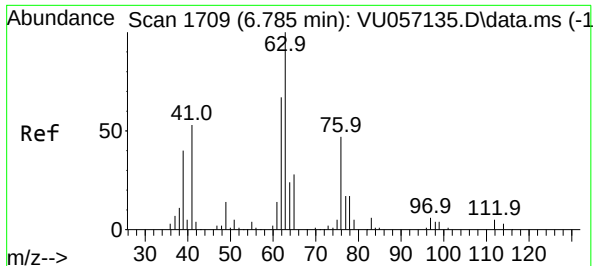
Tgt Ion: 84 Resp: 6295
Ion Ratio Lower Upper
84 100
86 65.7 44.7 82.9
49 94.2 76.0 141.2



#35
Methylcyclohexane
Concen: 1.168 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057140.D
Acq: 21 Dec 2023 17:37

Tgt Ion: 83 Resp: 21517
Ion Ratio Lower Upper
83 100
55 0.5 61.3 91.9#
98 0.7 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057140.D

Acq: 21 Dec 2023 17:37

Instrument :

MSVOA_U

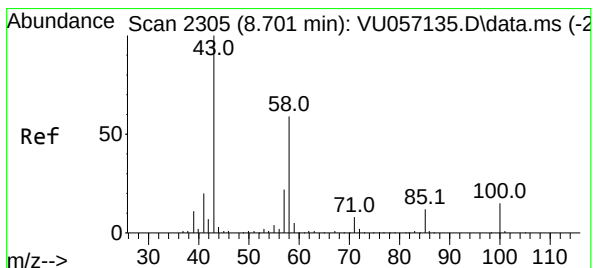
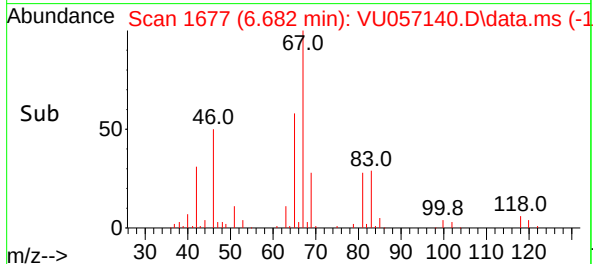
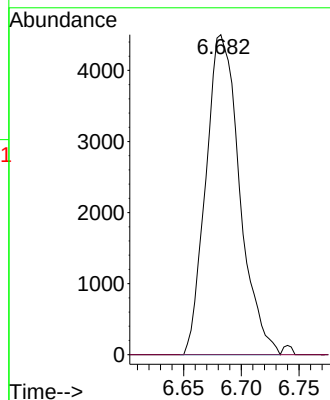
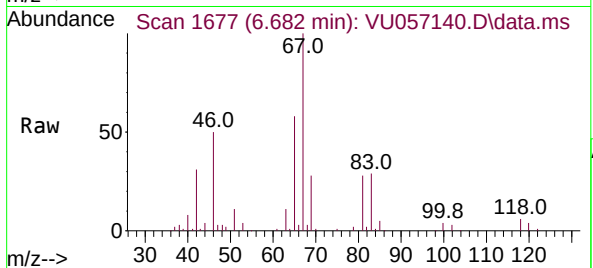
ClientSampleId :

Tgt Ion: 63 Resp: 9168

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#48

2-Hexanone

Concen: 3.617 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.071 min

Lab File: VU057140.D

Acq: 21 Dec 2023 17:37

Tgt Ion: 43 Resp: 13774

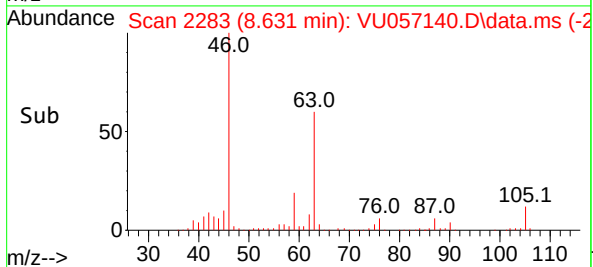
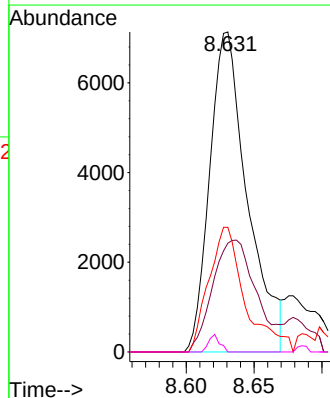
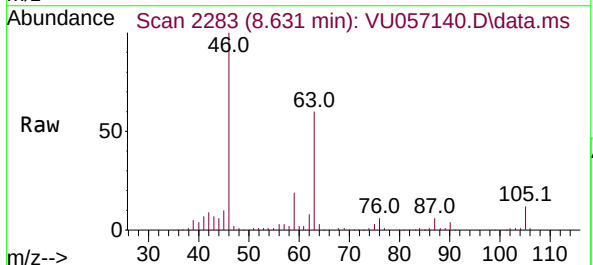
Ion Ratio Lower Upper

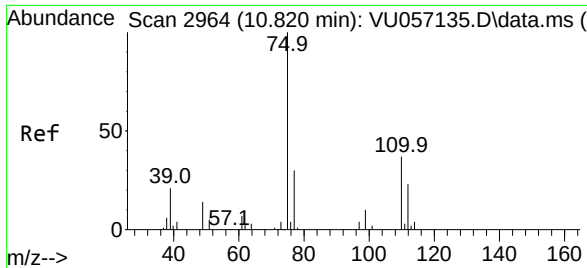
43 100

58 40.6 49.8 74.8#

57 37.6 18.5 27.7#

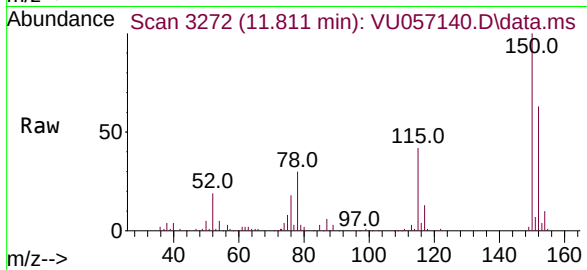
100 1.6 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.327 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057140.D
 Acq: 21 Dec 2023 17:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	31.2	46.8#
77	34.0	25.5	38.3

