

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057383.D
 Acq On : 08 Jan 2024 15:25
 Operator : MD/SY
 Sample : VU0108WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:04:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

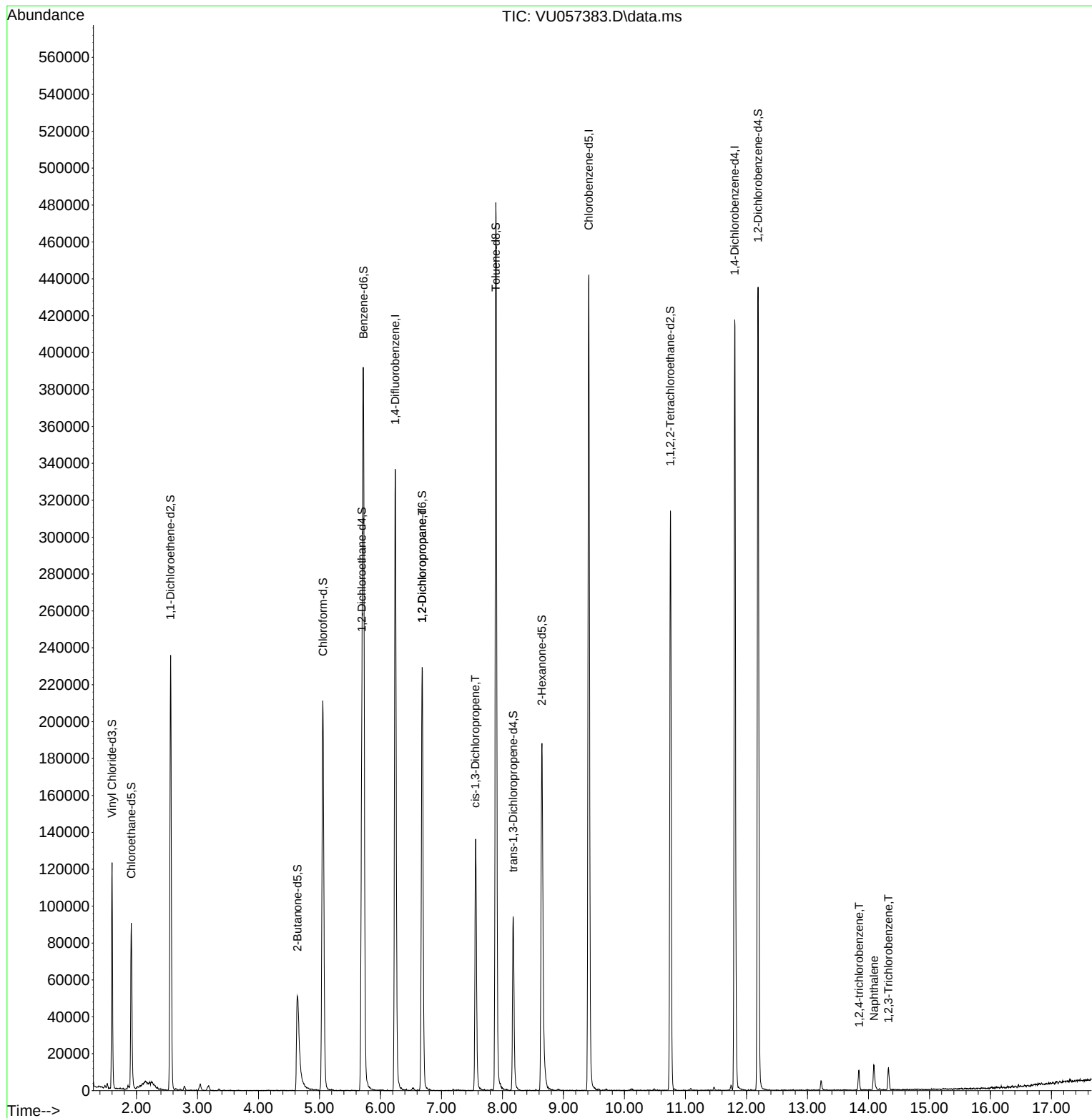
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	272023	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89391	47.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.500%
7) Chloroethane-d5	1.914	69	71392	49.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.540%
11) 1,1-Dichloroethene-d2	2.557	63	142153	35.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.640%
21) 2-Butanone-d5	4.637	46	97555	107.533	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.530%
24) Chloroform-d	5.055	84	204100	46.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	141913	48.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	5.721	84	365864	52.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.780%
36) 1,2-Dichloropropane-d6	6.682	67	100923	51.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.420%
41) Toluene-d8	7.891	98	327125	49.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
43) trans-1,3-Dichloroprop...	8.174	79	59175	50.302	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.600%
47) 2-Hexanone-d5	8.644	63	71147	110.427	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.430%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	146027	49.580	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	12.190	152	113546	53.031	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.060%
Target Compounds						
37) 1,2-Dichloropropane	6.682	63	13231	7.334	ug/L #	85
39) cis-1,3-Dichloropropene	7.557	75	4207	1.332	ug/L	86
70) 1,2,4-trichlorobenzene	13.846	180	3837	2.084	ug/L #	89
71) Naphthalene	14.090	128	13085	3.041	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	4183	2.402	ug/L	94

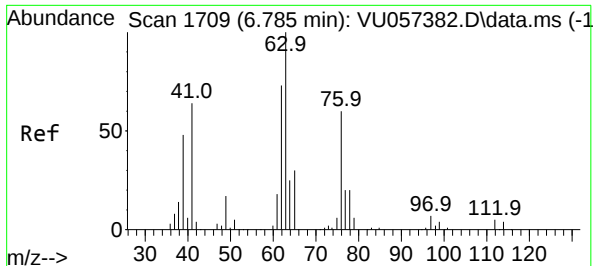
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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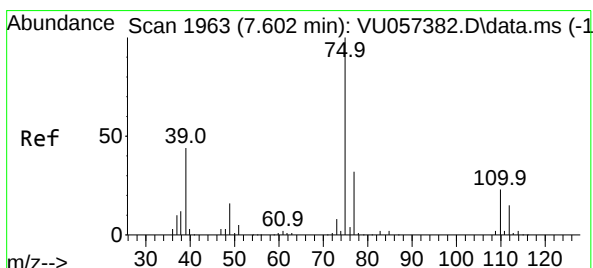
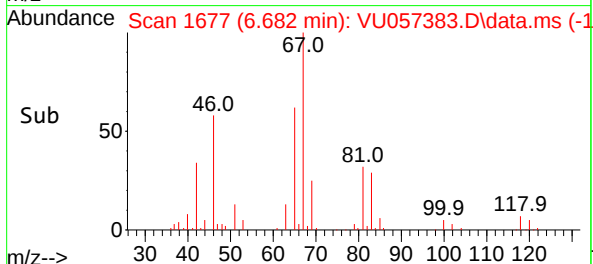
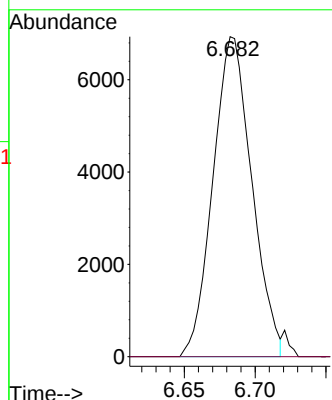
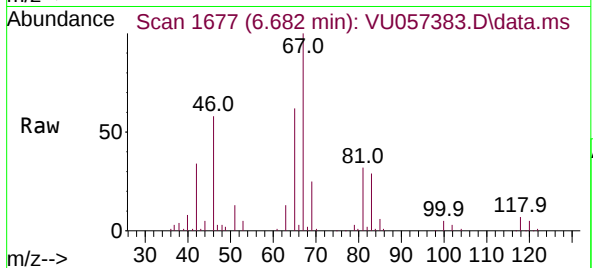




#37
1,2-Dichloropropane
Concen: 7.334 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057383.D
Acq: 08 Jan 2024 15:25

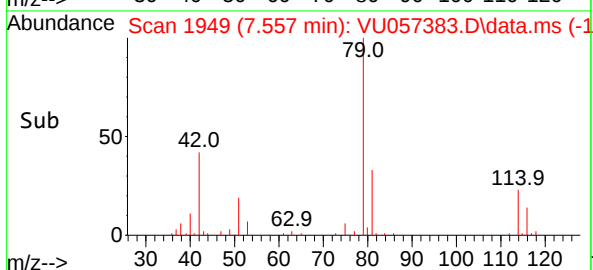
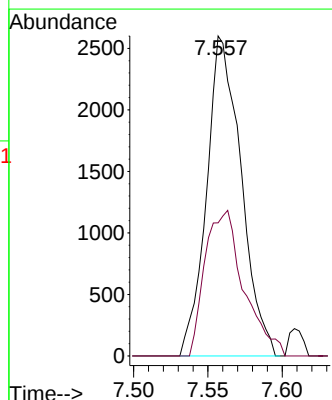
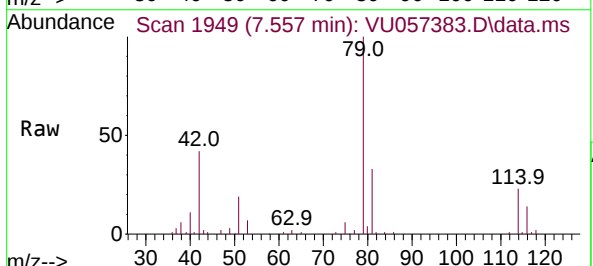
Instrument :
MSVOA_U
ClientSampleId :

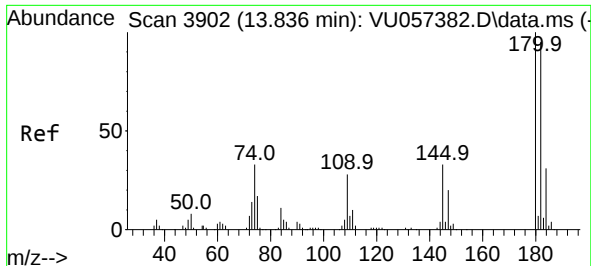
Tgt Ion: 63 Resp: 13231
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 1.332 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.045 min
Lab File: VU057383.D
Acq: 08 Jan 2024 15:25

Tgt Ion: 75 Resp: 4207
Ion Ratio Lower Upper
75 100
77 39.6 22.2 41.2

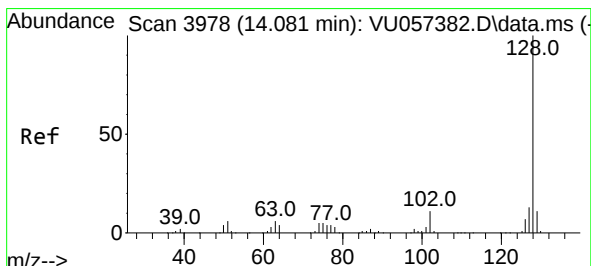
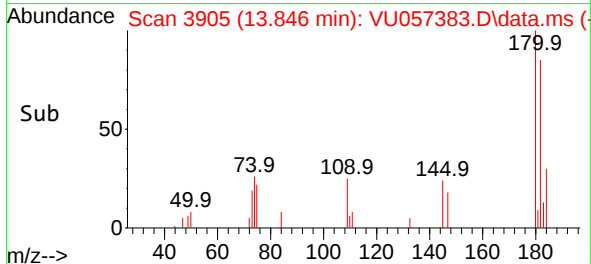
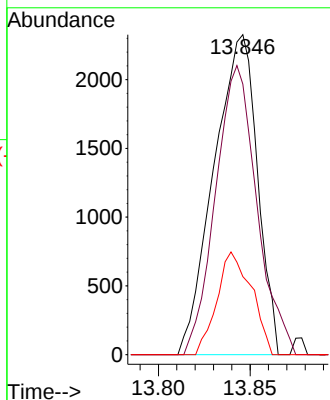
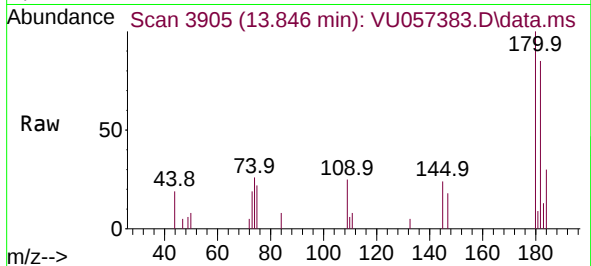




#70
1,2,4-trichlorobenzene
Concen: 2.084 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU057383.D
Acq: 08 Jan 2024 15:25

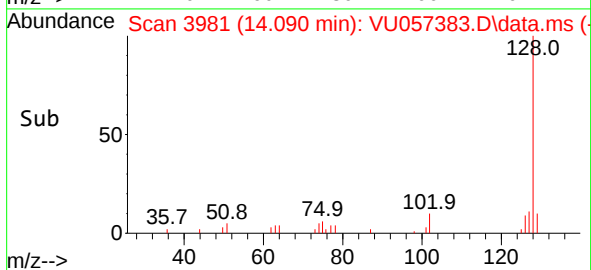
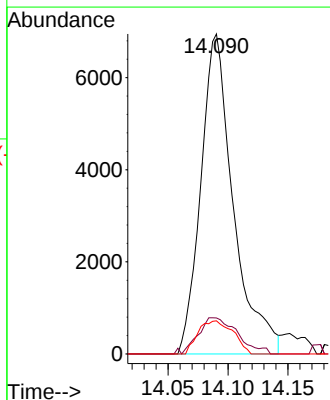
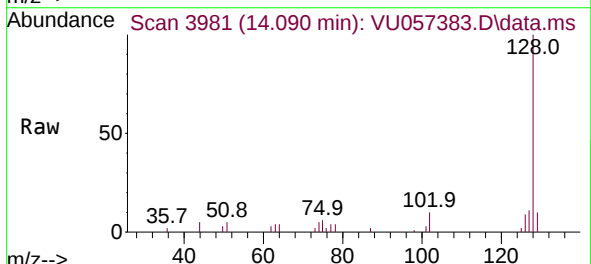
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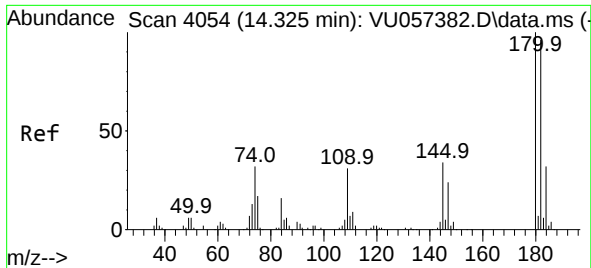
Tgt Ion:180 Resp: 3837
Ion Ratio Lower Upper
180 100
182 85.8 75.8 113.8
145 25.5 27.4 41.0#



#71
Naphthalene
Concen: 3.041 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.009 min
Lab File: VU057383.D
Acq: 08 Jan 2024 15:25

Tgt Ion:128 Resp: 13085
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.1 8.5 12.7





#72

1,2,3-Trichlorobenzene

Concen: 2.402 ug/L

RT: 14.328 min Scan# 40

Delta R.T. 0.003 min

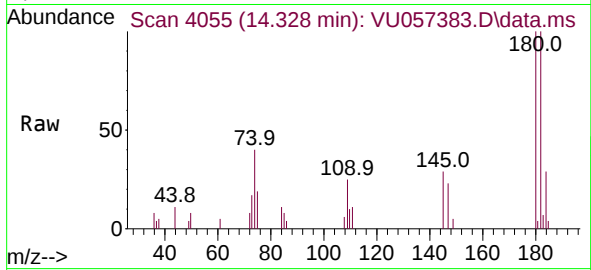
Lab File: VU057383.D

Acq: 08 Jan 2024 15:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4183

Ion Ratio Lower Upper

180 100

182 102.8 77.5 116.3

145 32.4 28.2 42.4

