

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057741.D
 Acq On : 30 Jan 2024 14:10
 Operator : MD/SY
 Sample : P1230-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:37:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

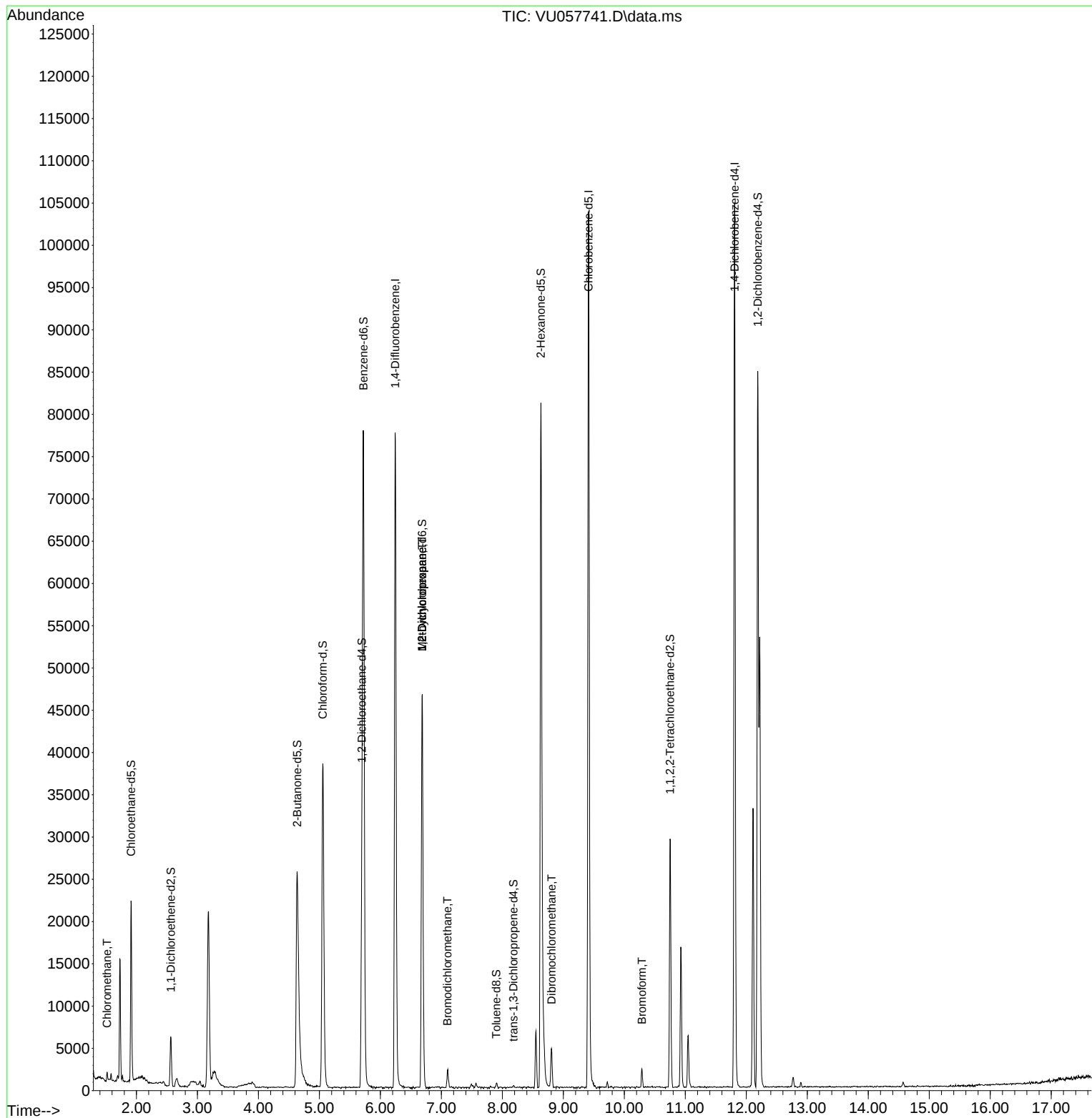
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	65112	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.911	69	15668	5.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.563	65	1200	0.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	14.200%#
20) 2-Butanone-d5	4.634	46	37731	55.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.500%
24) Chloroform-d	5.055	84	36183	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	18368	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.721	84	73023	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.682	67	22565	5.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.901	98	423	0.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.600%#
43) trans-1,3-Dichloroprop...	8.181	79	229	0.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	2.800%#
46) 2-Hexanone-d5	8.631	63	28376	53.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14389	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	21362	5.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	663	0.120	ug/L	96
35) Methylcyclohexane	6.682	83	5192	0.578	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2348	0.465	ug/L #	89
38) Bromodichloromethane	7.100	83	1735	0.255	ug/L #	90
49) Dibromochloromethane	8.804	129	2681	0.630	ug/L	93
59) Bromoform	10.287	173	972	0.442	ug/L #	96

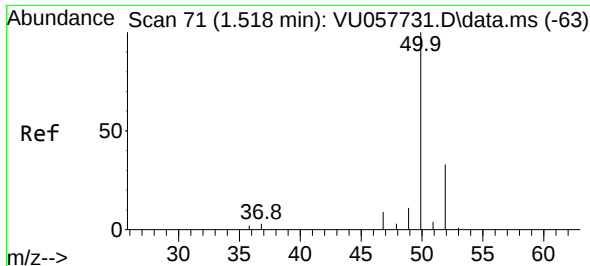
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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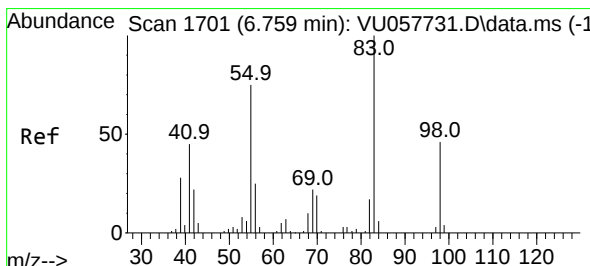
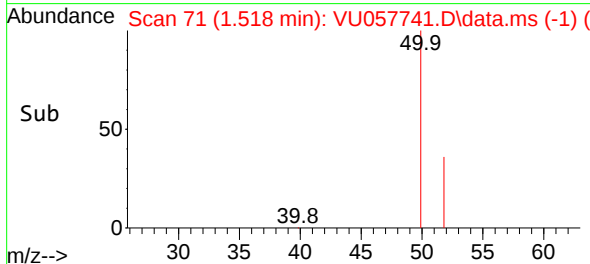
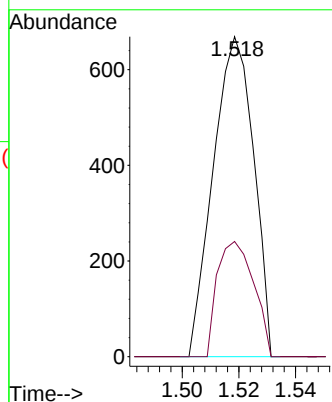
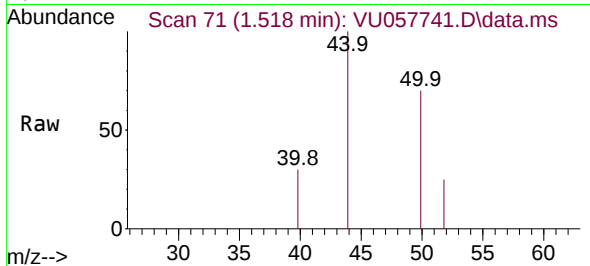




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057741.D
Acq: 30 Jan 2024 14:10

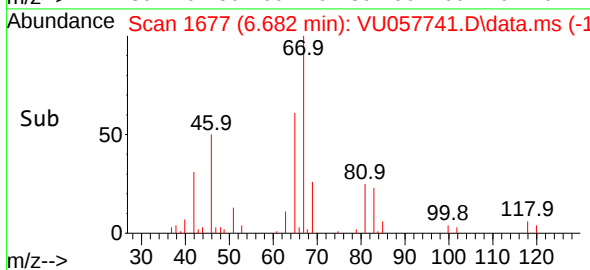
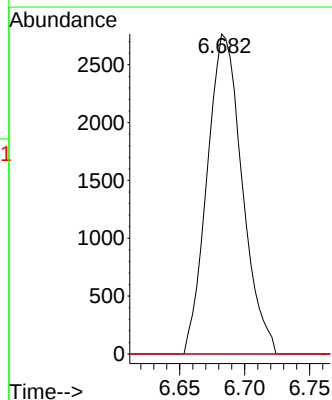
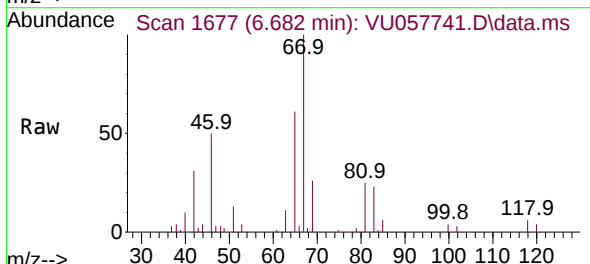
Instrument :
MSVOA_U
ClientSampleId :

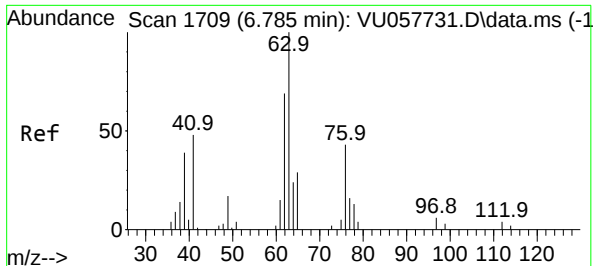
Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 36.0 23.7 43.9



#35
Methylcyclohexane
Concen: 0.578 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057741.D
Acq: 30 Jan 2024 14:10

Tgt Ion: 83 Resp: 5192
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

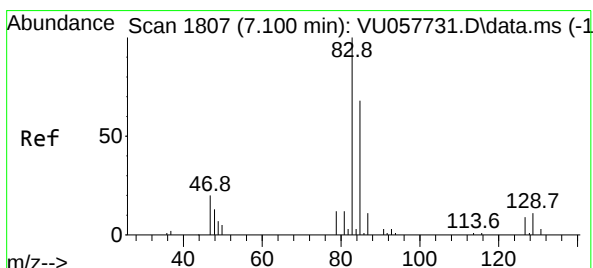
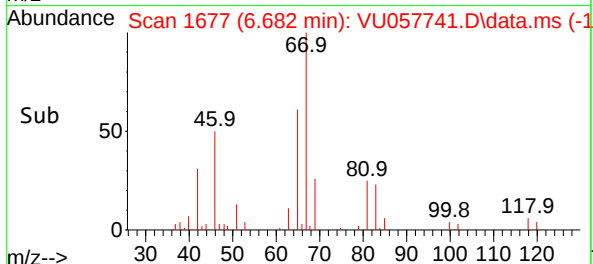
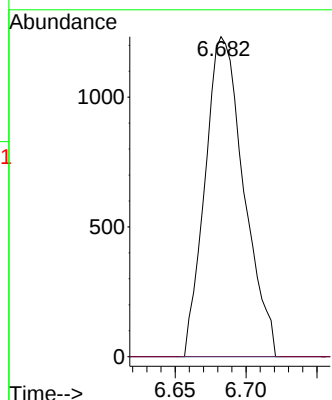
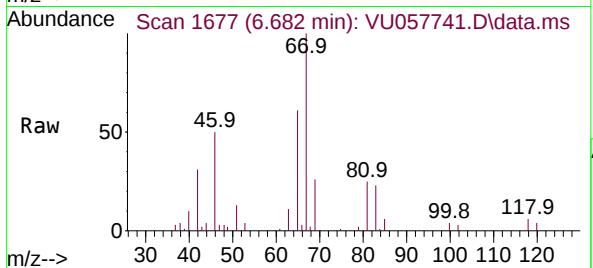




#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057741.D
Acq: 30 Jan 2024 14:10

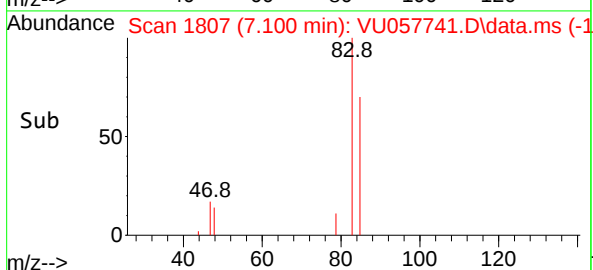
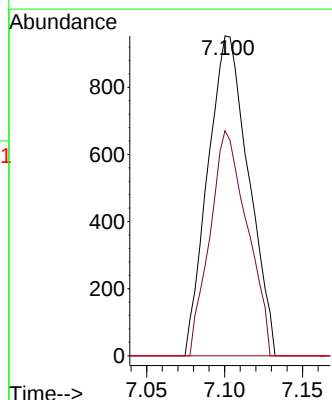
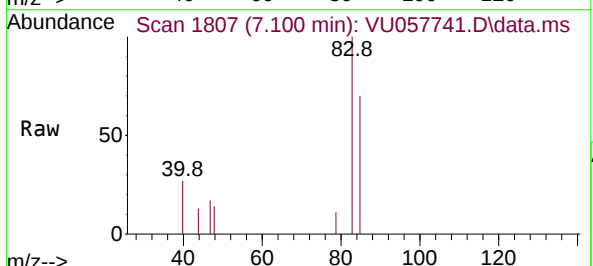
Instrument :
MSVOA_U
ClientSampleId :

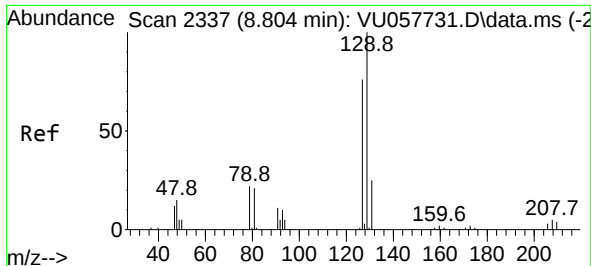
Tgt Ion: 63 Resp: 2348
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.255 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057741.D
Acq: 30 Jan 2024 14:10

Tgt Ion: 83 Resp: 1735
Ion Ratio Lower Upper
83 100
85 70.4 44.7 83.1
127 0.0 6.4 9.6#





#49

Dibromochloromethane

Concen: 0.630 ug/L

RT: 8.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057741.D

Acq: 30 Jan 2024 14:10

Instrument :

MSVOA_U

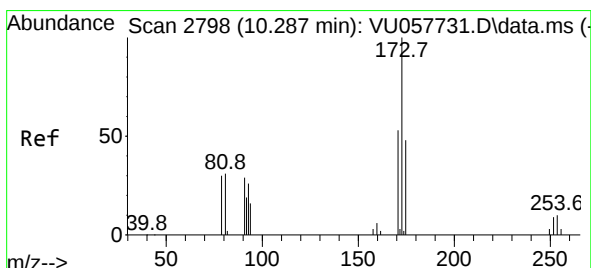
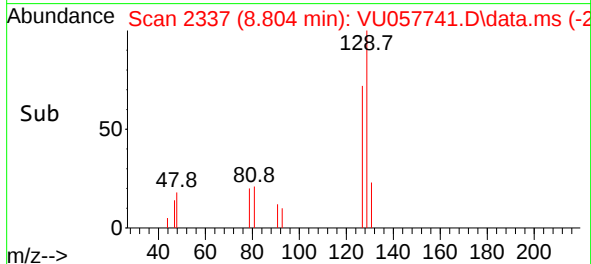
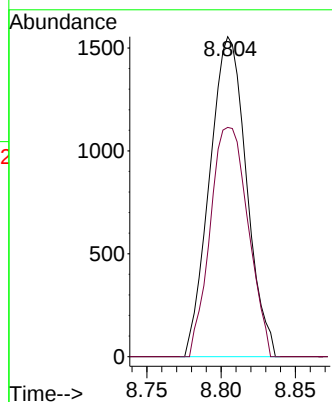
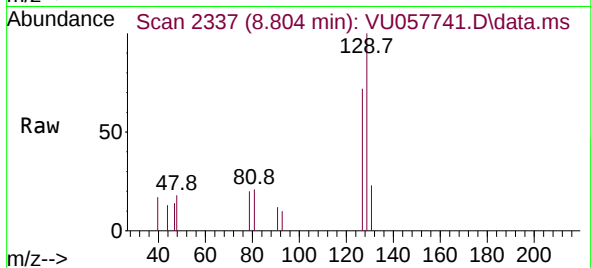
ClientSampleId :

Tgt Ion:129 Resp: 2681

Ion Ratio Lower Upper

129 100

127 71.6 54.5 101.1



#59

Bromoform

Concen: 0.442 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057741.D

Acq: 30 Jan 2024 14:10

Tgt Ion:173 Resp: 972

Ion Ratio Lower Upper

173 100

175 47.0 37.5 56.3

254 0.0 7.2 10.8#

