

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057714.D
 Acq On : 29 Jan 2024 14:05
 Operator : MD/SY
 Sample : P1230-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 00:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

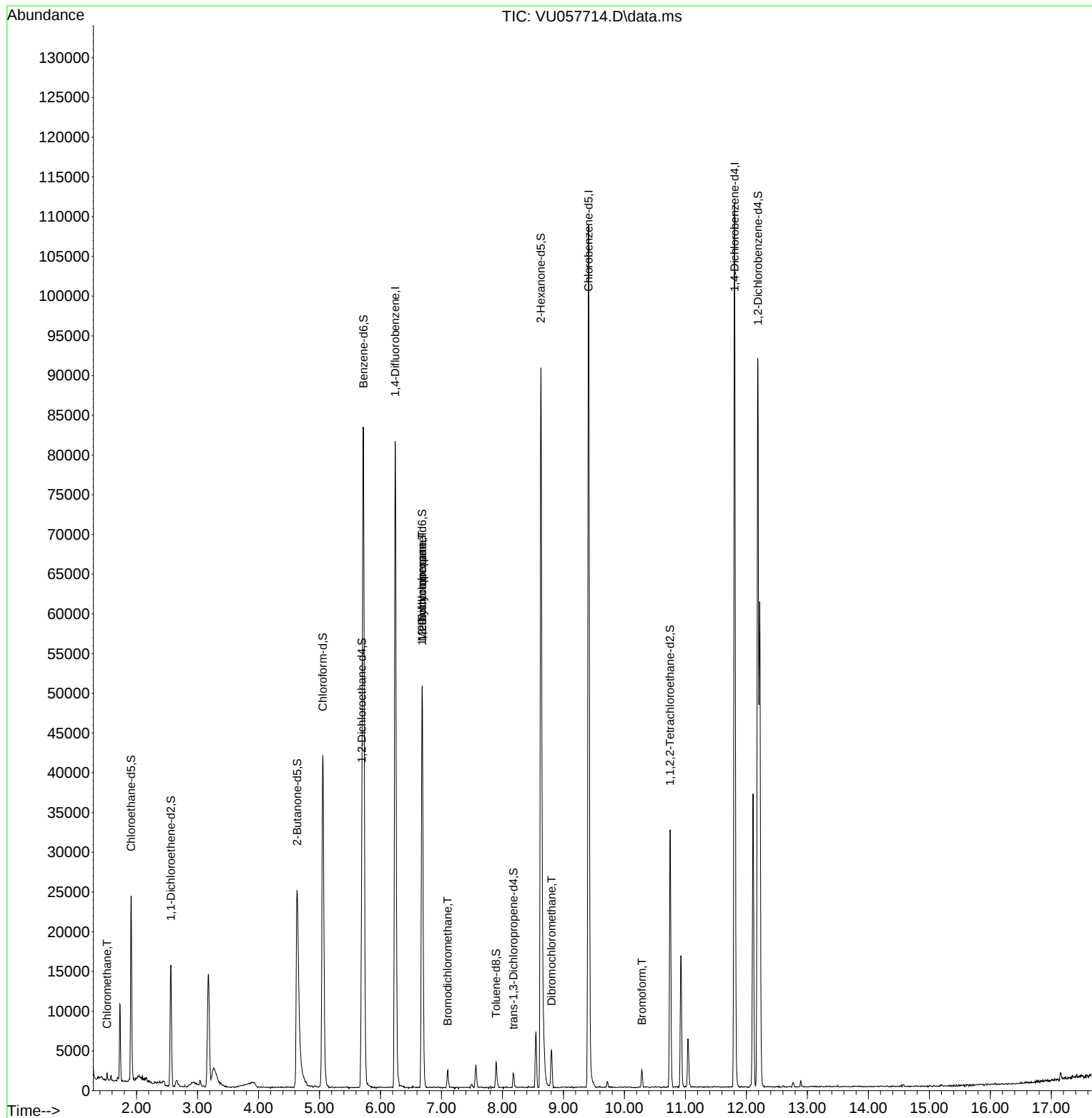
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.911	69	17037	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.563	65	2900	1.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.400%#
20) 2-Butanone-d5	4.634	46	41250	59.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.280%
24) Chloroform-d	5.055	84	38864	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.695	65	19656	5.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.721	84	79295	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.685	67	24309	5.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.898	98	2448	0.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	3.600%#
43) trans-1,3-Dichloroprop...	8.181	79	1254	0.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	14.400%#
46) 2-Hexanone-d5	8.631	63	31684	57.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15643	5.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	22806	5.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
3) Chloromethane	1.518	50	694	0.122	ug/L	99
35) Methylcyclohexane	6.685	83	5263	0.559	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2653	0.501	ug/L #	89
38) Bromodichloromethane	7.103	83	1587	0.223	ug/L #	96
49) Dibromochloromethane	8.804	129	2647	0.594	ug/L	99
59) Bromoform	10.287	173	1003	0.436	ug/L #	90

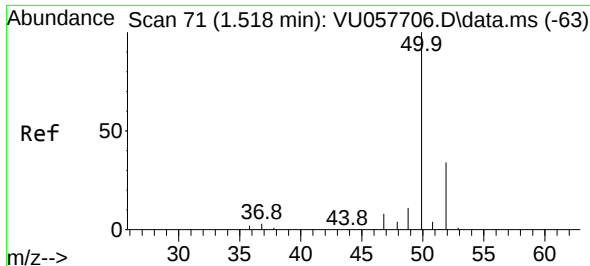
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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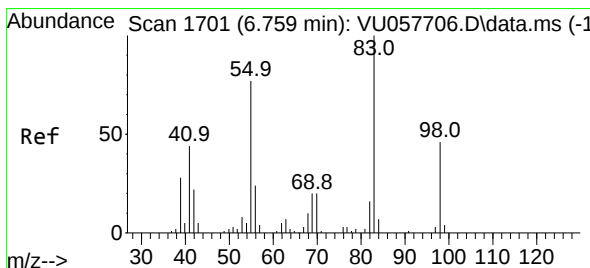
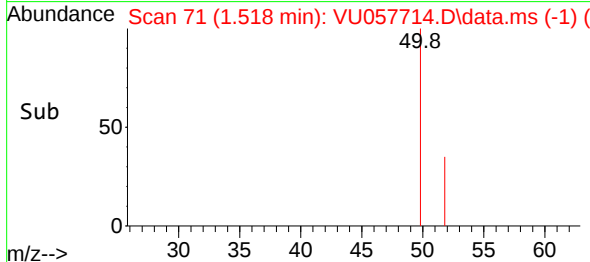
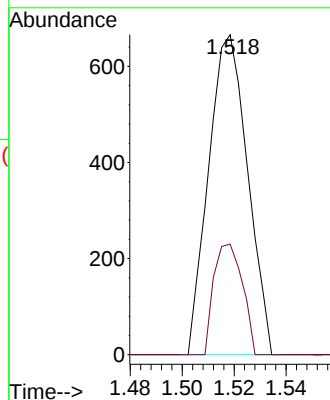
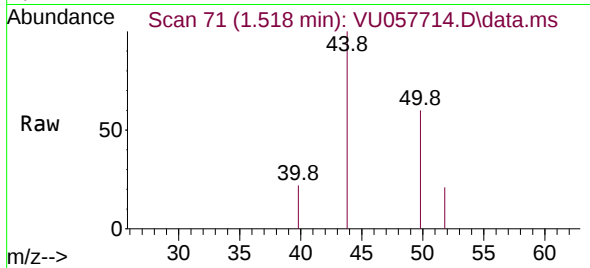




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057714.D
Acq: 29 Jan 2024 14:05

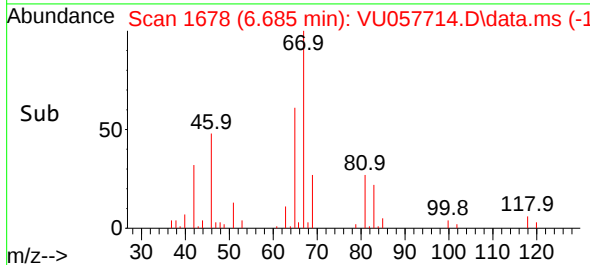
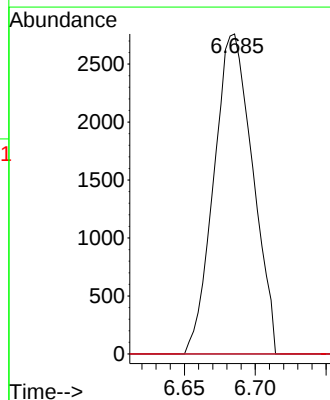
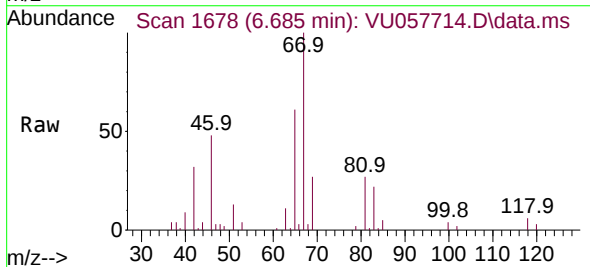
Instrument :
MSVOA_U
ClientSampleId :

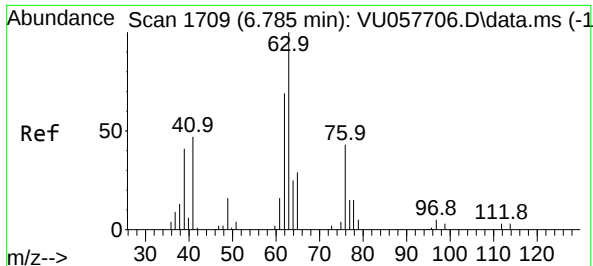
Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 34.5 23.7 43.9



#35
Methylcyclohexane
Concen: 0.559 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057714.D
Acq: 29 Jan 2024 14:05

Tgt Ion: 83 Resp: 5263
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: 0.501 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057714.D

Acq: 29 Jan 2024 14:05

Instrument :

MSVOA_U

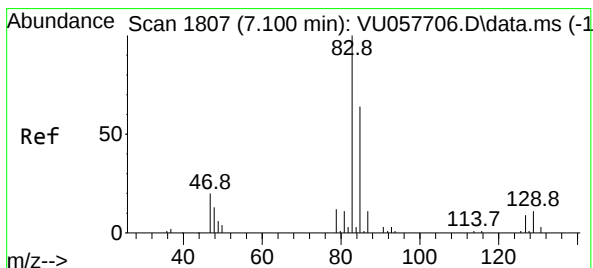
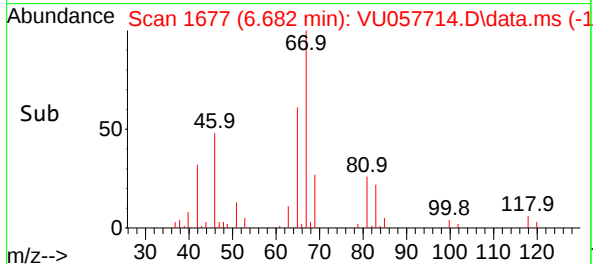
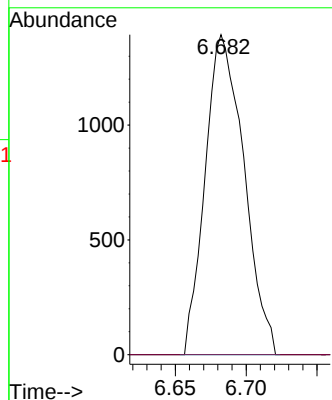
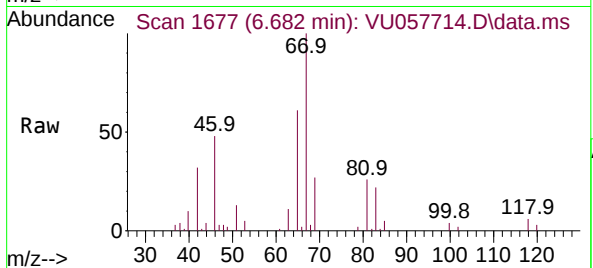
ClientSampleId :

Tgt Ion: 63 Resp: 2653

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.223 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU057714.D

Acq: 29 Jan 2024 14:05

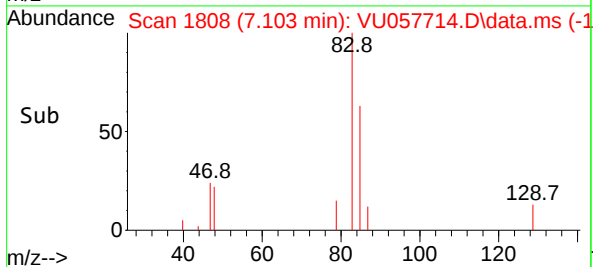
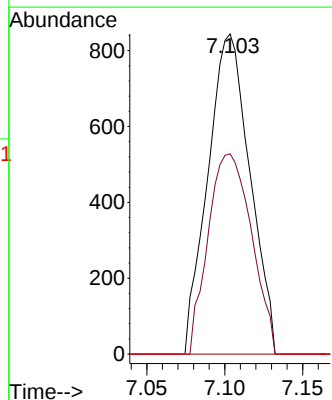
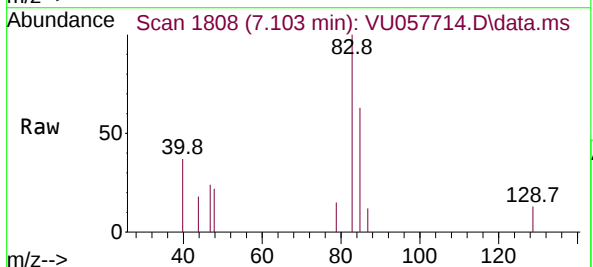
Tgt Ion: 83 Resp: 1587

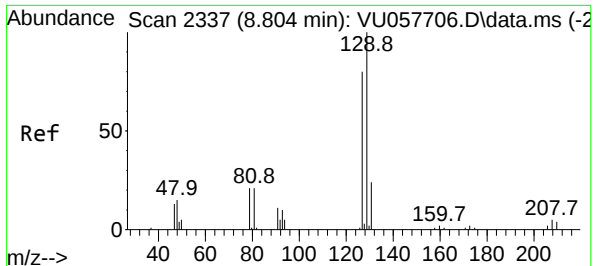
Ion Ratio Lower Upper

83 100

85 62.6 44.7 83.1

127 0.0 6.4 9.6#





#49

Dibromochloromethane

Concen: 0.594 ug/L

RT: 8.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057714.D

Acq: 29 Jan 2024 14:05

Instrument :

MSVOA_U

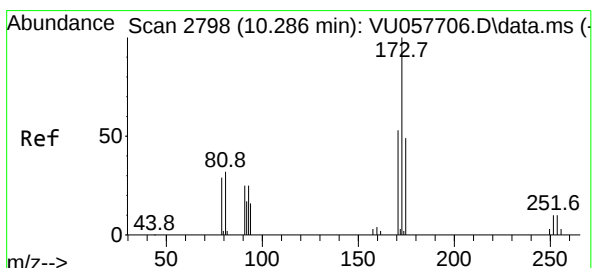
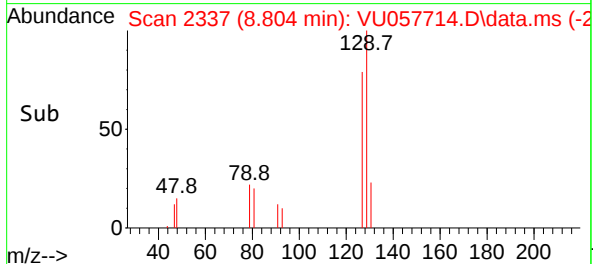
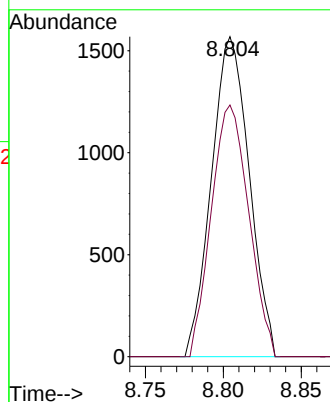
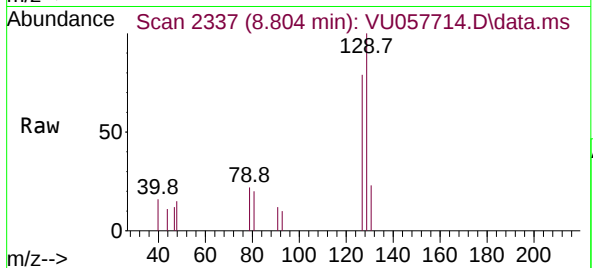
ClientSampleId :

Tgt Ion:129 Resp: 2647

Ion Ratio Lower Upper

129 100

127 78.6 54.5 101.1



#59

Bromoform

Concen: 0.436 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057714.D

Acq: 29 Jan 2024 14:05

Tgt Ion:173 Resp: 1003

Ion Ratio Lower Upper

173 100

175 51.5 37.5 56.3

254 0.0 7.2 10.8#

