

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057589.D
 Acq On : 23 Jan 2024 23:58
 Operator : MD/SY
 Sample : P1227-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:11:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

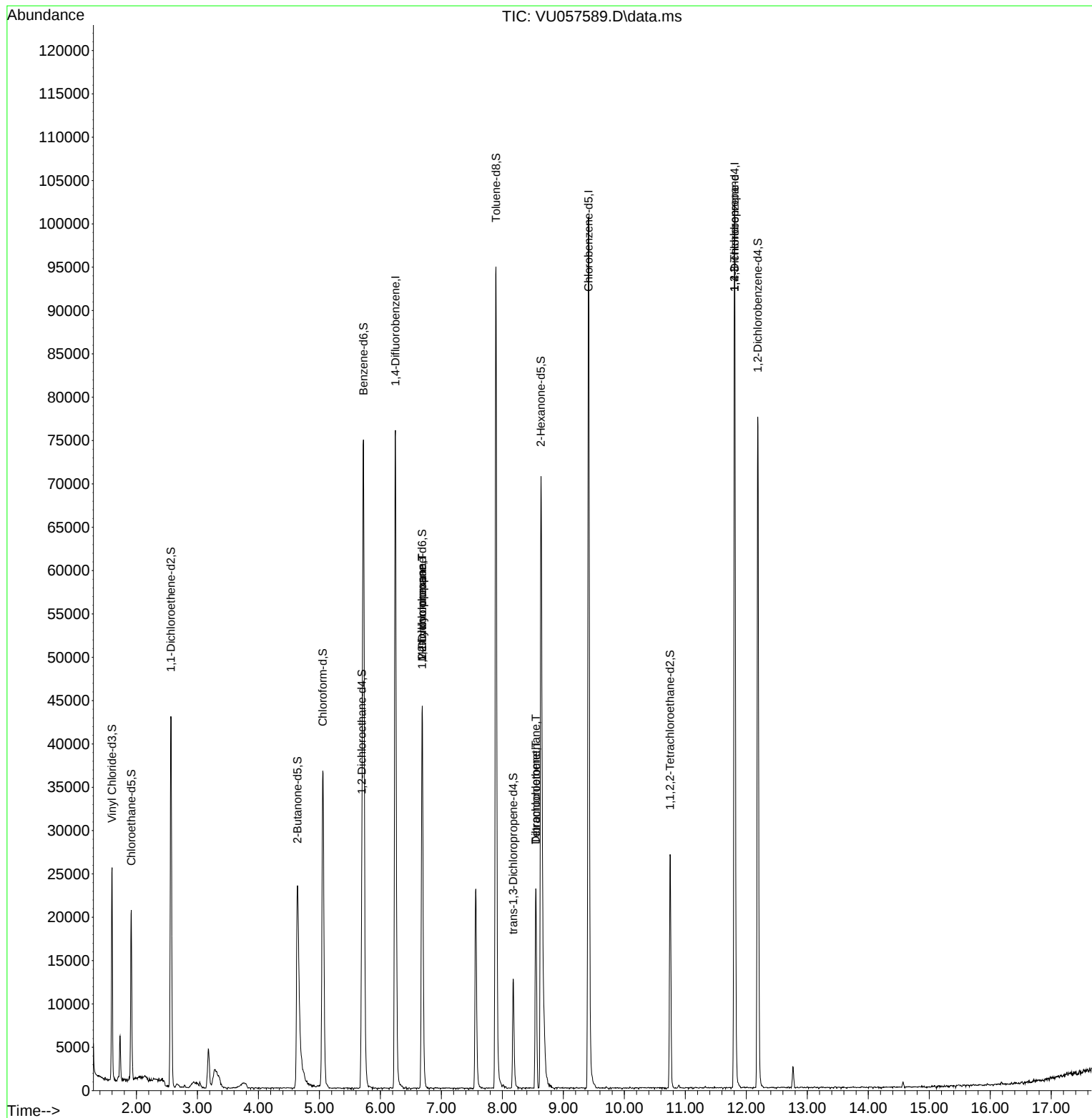
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17416	4.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.914	69	14480	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	8165	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.637	46	36611	55.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.055	84	35414	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	16969	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	71018	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	21621	5.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.894	98	66407	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.177	79	8017	4.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.631	63	25964	49.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13863	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	20744	5.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4787	0.538	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2421	0.484	ug/L #	89
47) Tetrachloroethene	8.547	164	4903	1.210	ug/L	95
49) Dibromochloromethane	8.547	129	5058	1.201	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3554	1.267	ug/L #	65

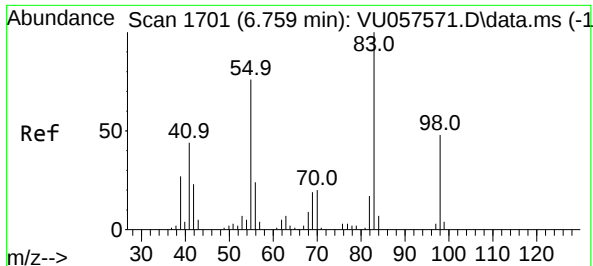
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.538 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057589.D

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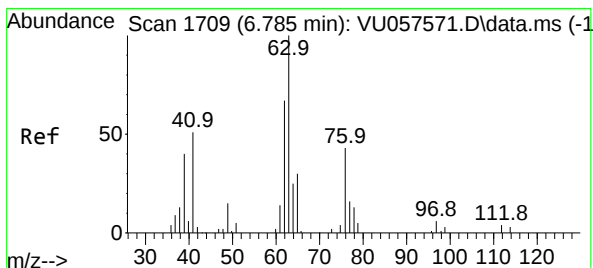
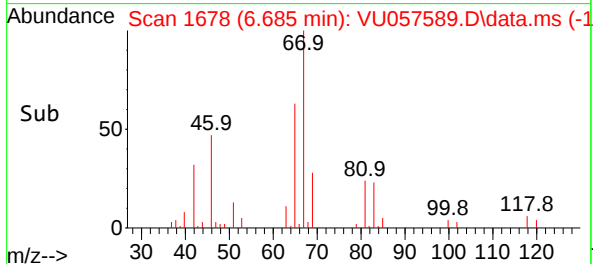
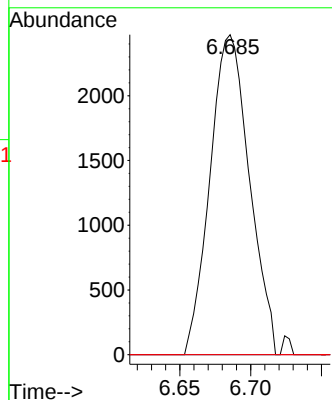
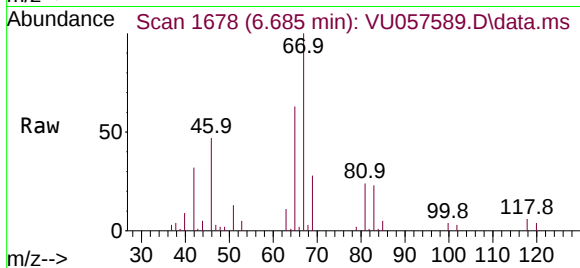
Tgt Ion: 83 Resp: 4787

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: 0.484 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057589.D

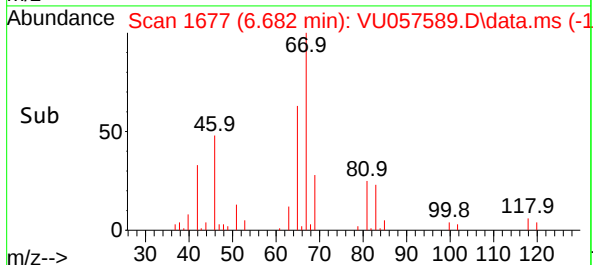
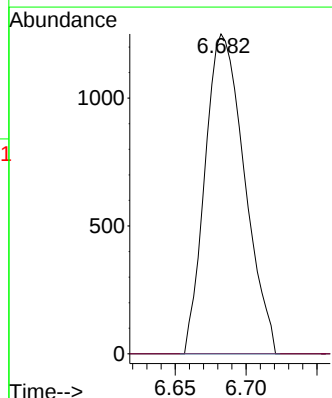
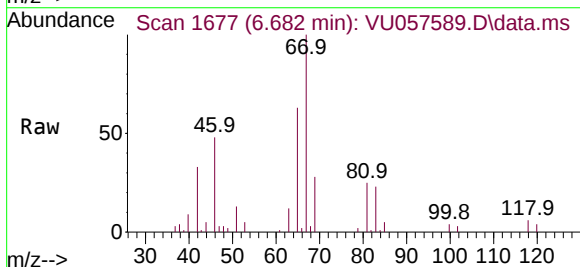
Acq: 23 Jan 2024 23:58

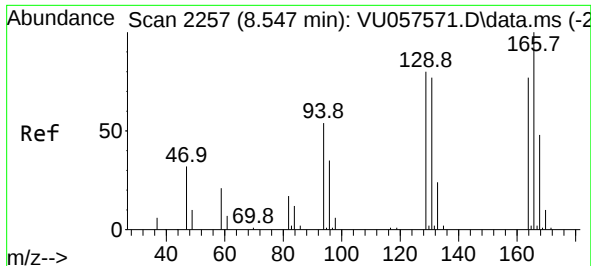
Tgt Ion: 63 Resp: 2421

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 1.210 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

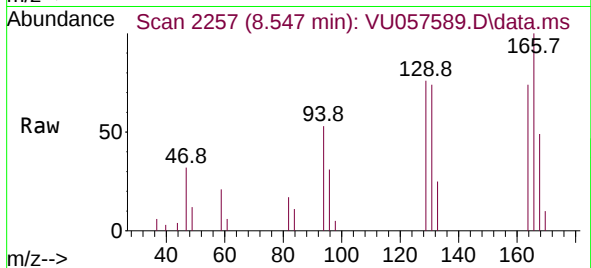
Lab File: VU057589.D

Acq: 23 Jan 2024 23:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4903

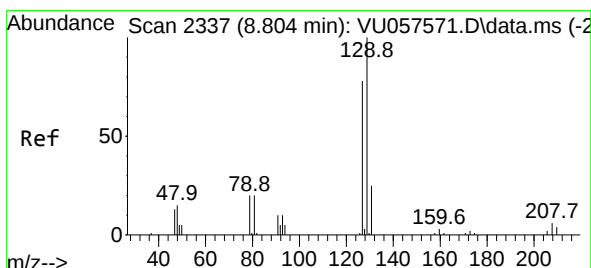
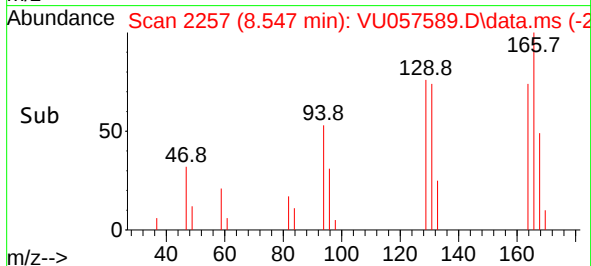
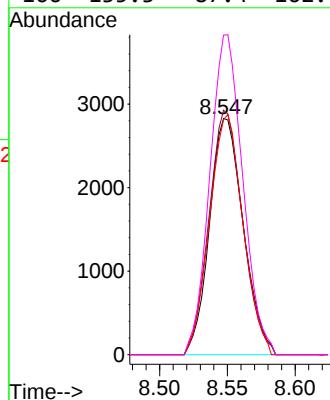
Ion Ratio Lower Upper

164 100

129 103.5 71.3 132.5

131 99.5 68.1 126.5

166 135.3 87.4 162.4



#49

Dibromochloromethane

Concen: 1.201 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU057589.D

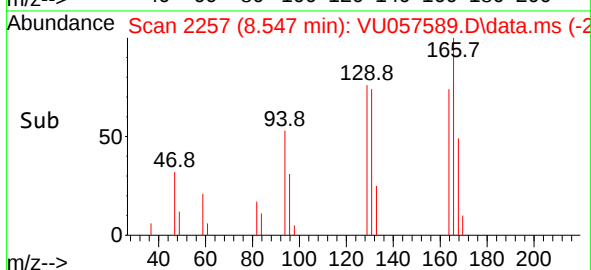
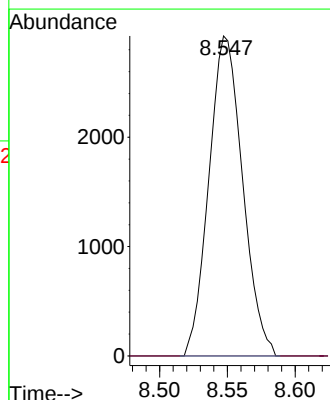
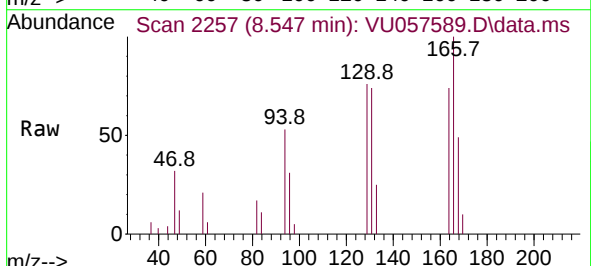
Acq: 23 Jan 2024 23:58

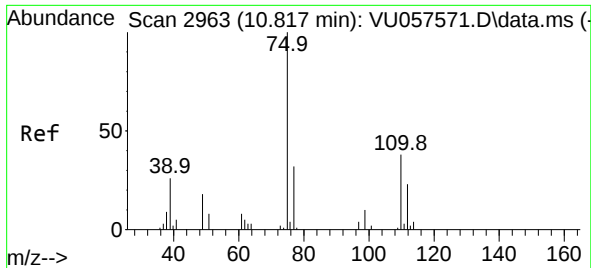
Tgt Ion:129 Resp: 5058

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.267 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

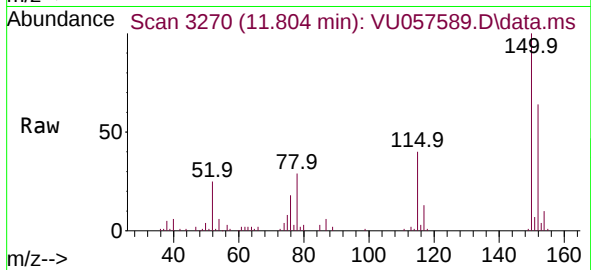
Lab File: VU057589.D

Acq: 23 Jan 2024 23:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	3554
Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.1	45.1#
77	33.5	25.5	38.3

