

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058628.D
 Acq On : 11 Apr 2024 23:29
 Operator : MD/SY
 Sample : P2055-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:00:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

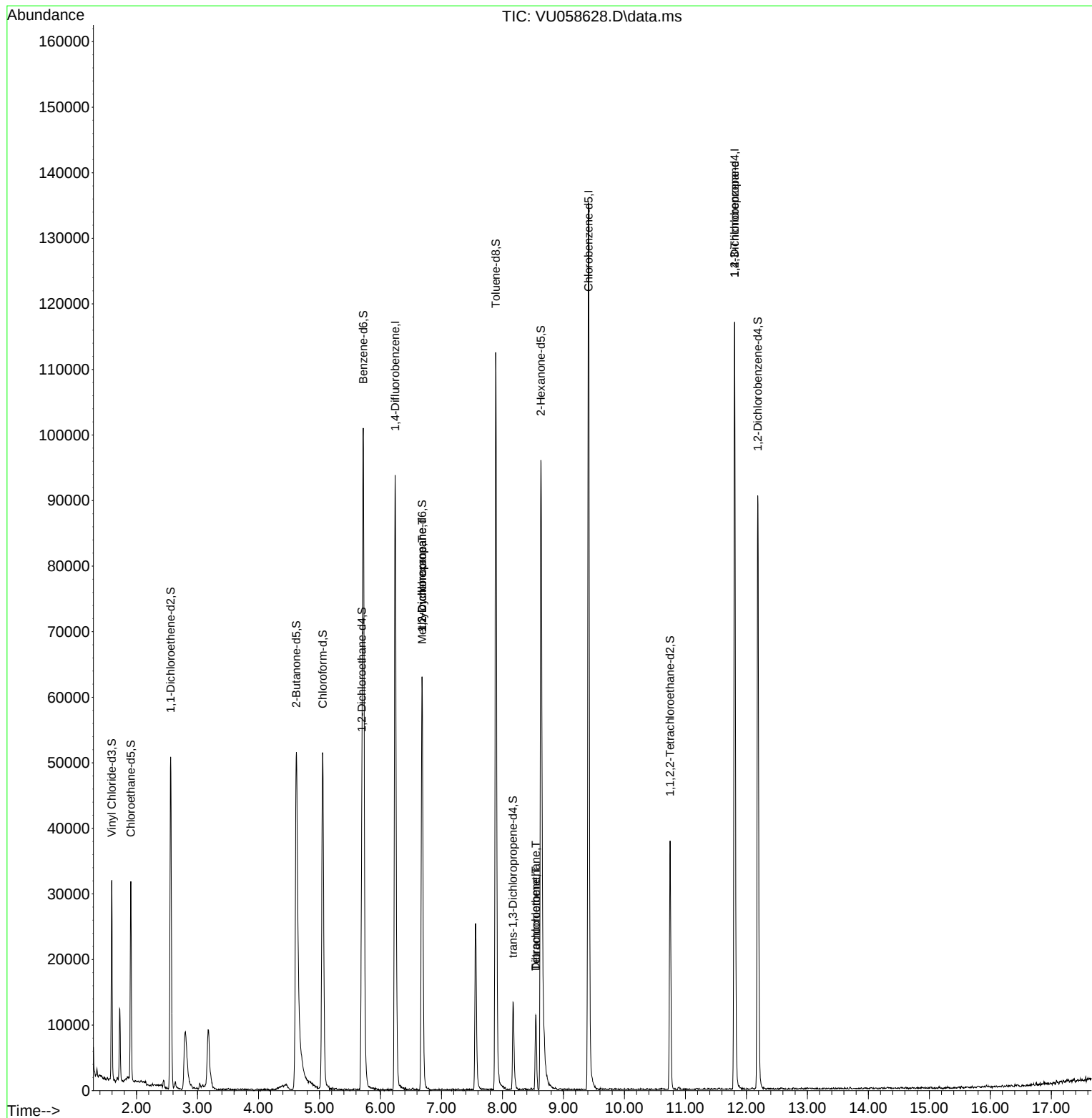
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73123	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20738	4.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.907	69	20279	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	10387	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.621	46	51378	50.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.052	84	47813	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	23320	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.718	84	92678	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	30667	5.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	74856	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	8459	4.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.631	63	34342	44.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19194	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23617	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	6192	0.626	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3152	0.460	ug/L #	90
47) Tetrachloroethene	8.547	164	2427	0.505	ug/L	93
49) Dibromochloromethane	8.547	129	2393	0.517	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4255	1.372	ug/L #	69

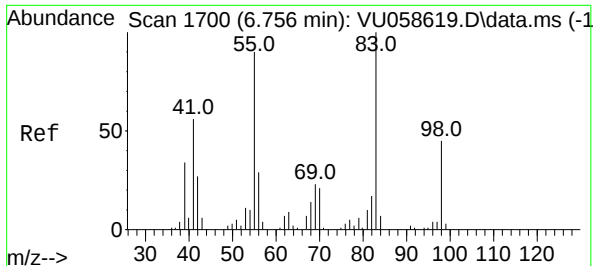
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.626 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

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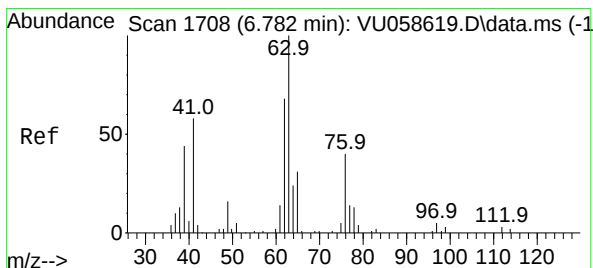
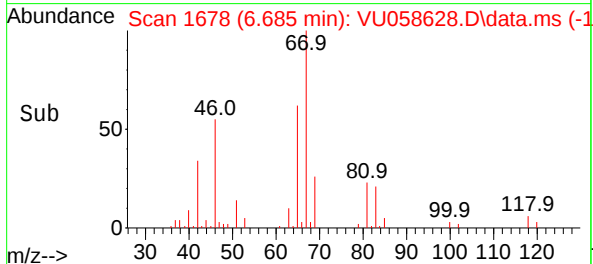
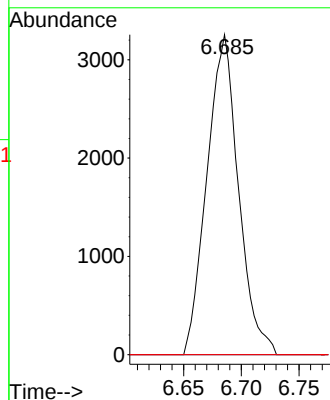
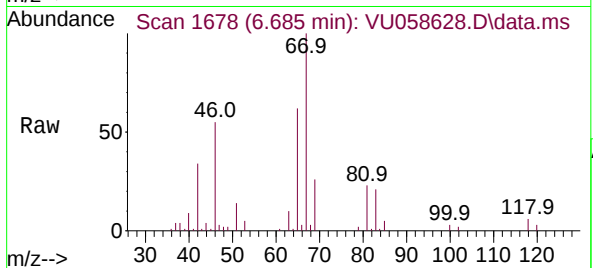
Acq: 11 Apr 2024 23:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6192
Ion Ratio	Lower Upper
83	100
55	0.0 66.2 99.4#
98	0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.460 ug/L

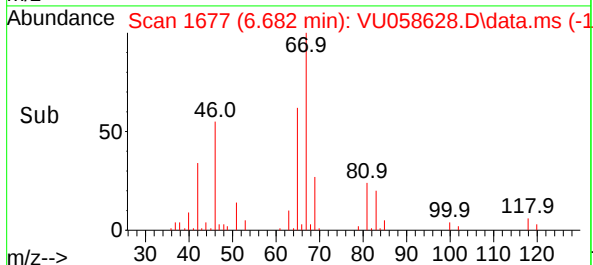
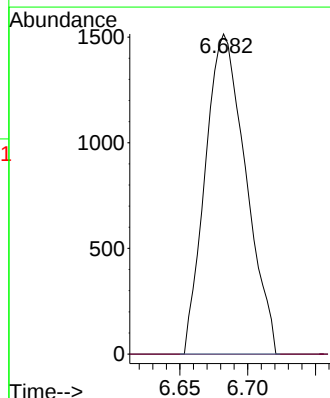
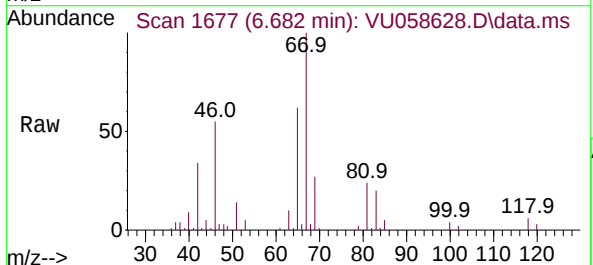
RT: 6.682 min Scan# 1677

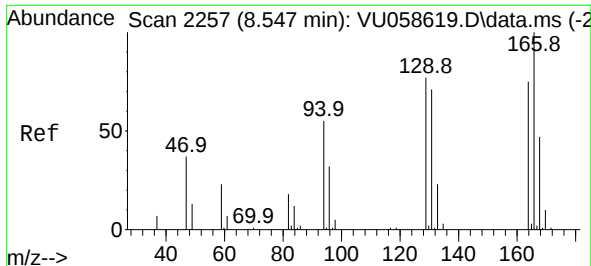
Delta R.T. -0.100 min

Lab File: VU058628.D

Acq: 11 Apr 2024 23:29

Tgt Ion: 63	Resp: 3152
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 0.505 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

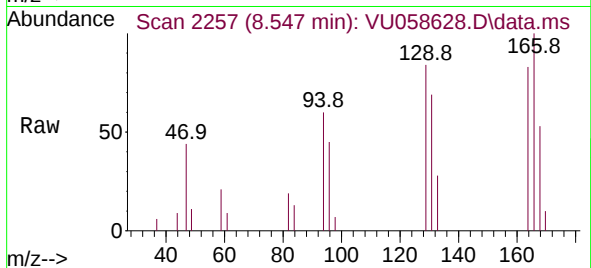
Lab File: VU058628.D

Acq: 11 Apr 2024 23:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2427

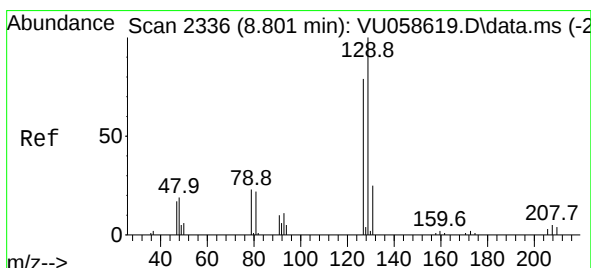
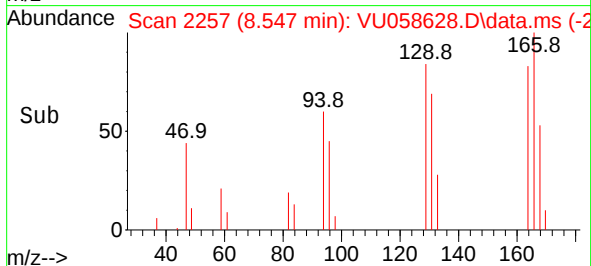
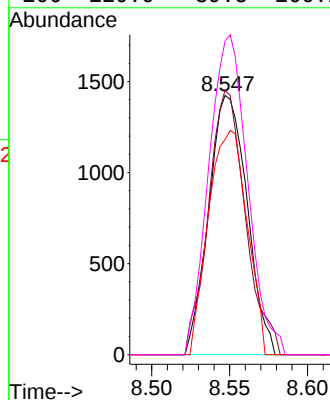
Ion Ratio Lower Upper

164 100

129 102.0 67.3 125.1

131 83.0 65.5 121.6

166 120.9 89.5 166.1



#49

Dibromochloromethane

Concen: 0.517 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058628.D

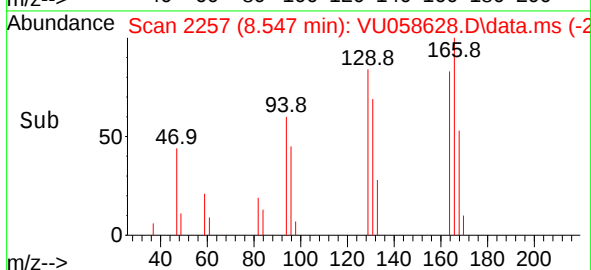
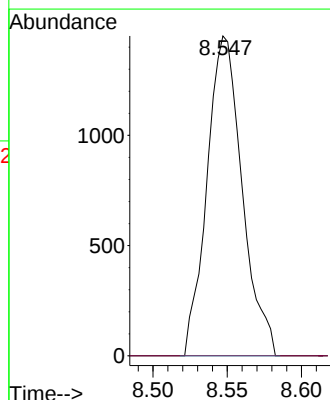
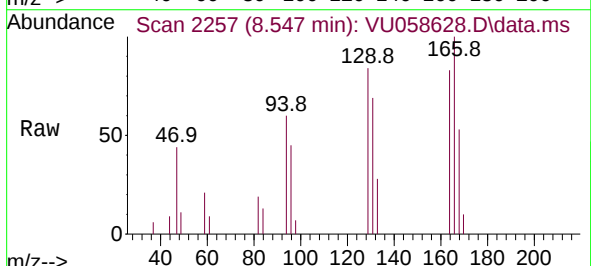
Acq: 11 Apr 2024 23:29

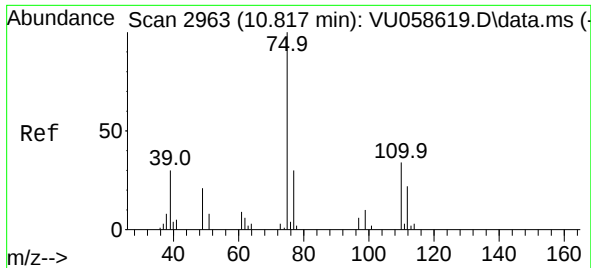
Tgt Ion:129 Resp: 2393

Ion Ratio Lower Upper

129 100

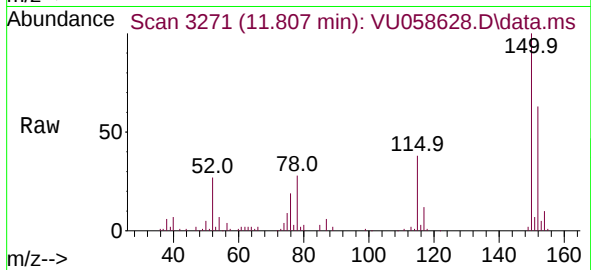
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.372 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058628.D
Acq: 11 Apr 2024 23:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	33.5	25.1	37.7

