

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054719.D
 Acq On : 30 Jun 2023 13:53
 Operator : MD/SY
 Sample : 03423-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 03 06:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

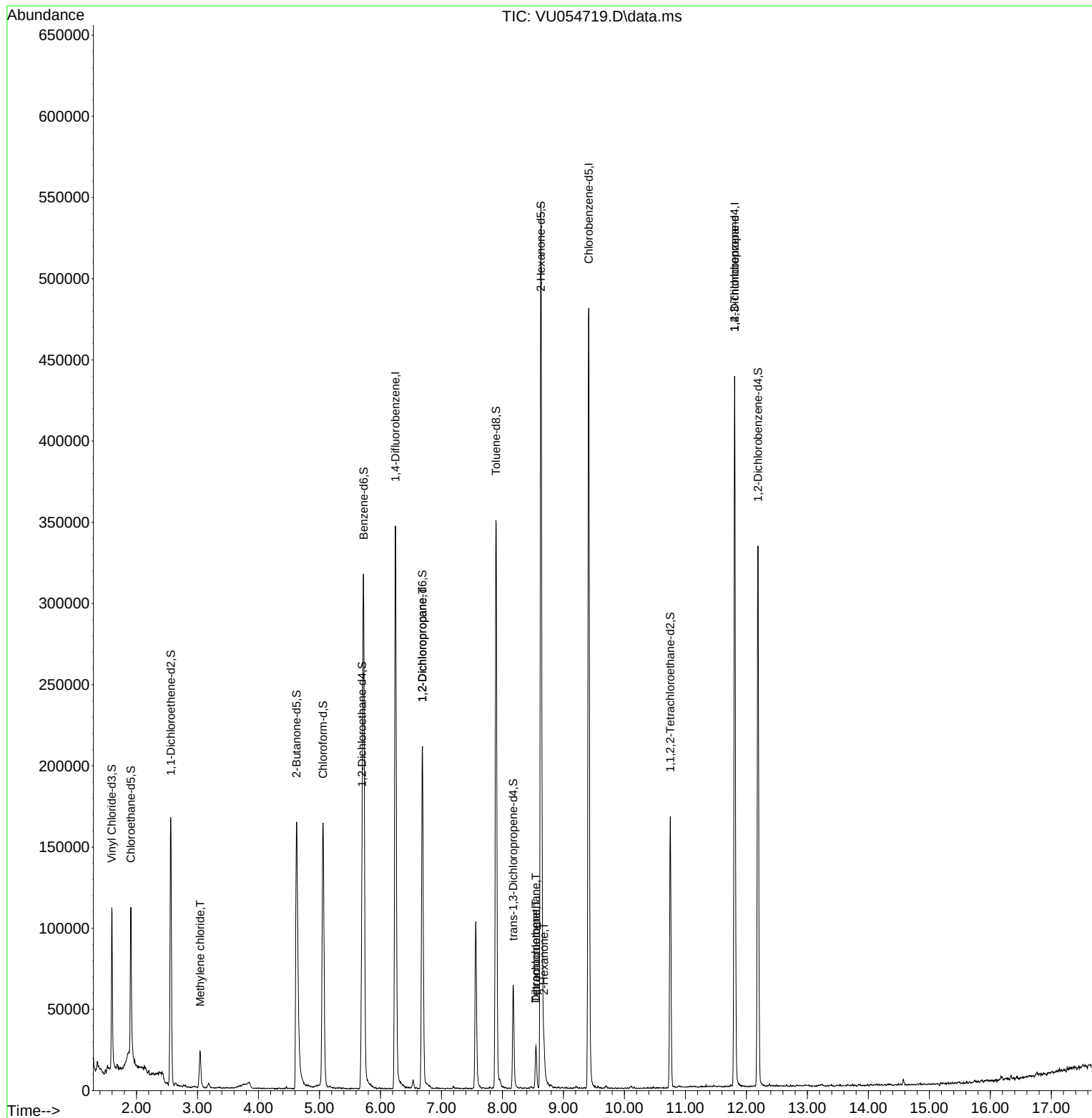
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	266661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	76963	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.907	69	69503	4.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.563	65	32677	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	264640	53.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.080%
24) Chloroform-d	5.058	84	152527	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.698	65	84033	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.724	84	291678	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.688	67	106178	4.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	237958	3.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	37460	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.631	63	176844	48.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86128	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	85629	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	10339	0.367	ug/L	90
37) 1,2-Dichloropropane	6.688	63	11084	0.428	ug/L #	92
47) Tetrachloroethene	8.547	164	5502	0.284	ug/L	92
48) 2-Hexanone	8.682	43	7992	0.776	ug/L #	90
49) Dibromochloromethane	8.547	129	5540	0.320	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14731	1.273	ug/L #	70

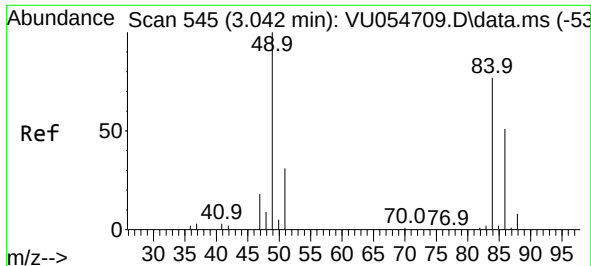
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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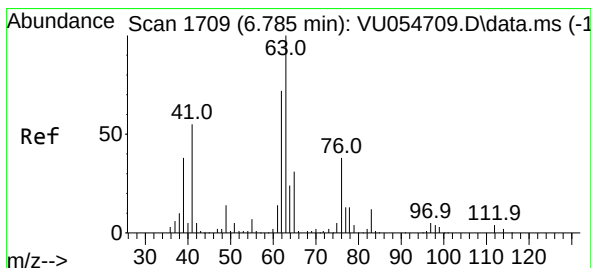
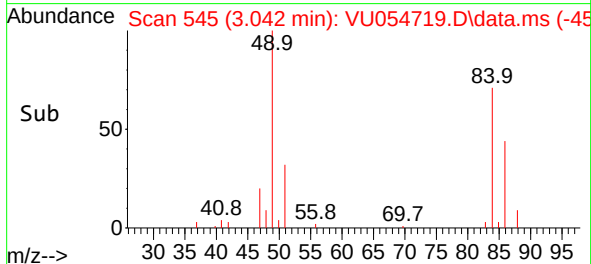
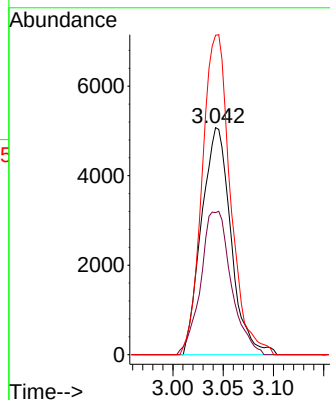
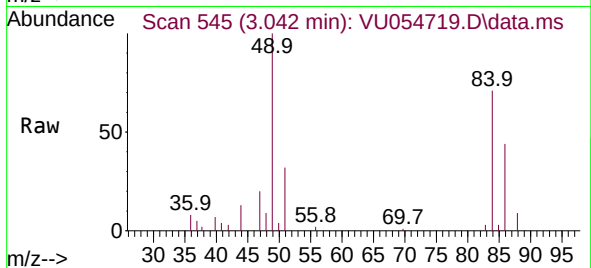




#16
Methylene chloride
Concen: 0.367 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054719.D
Acq: 30 Jun 2023 13:53

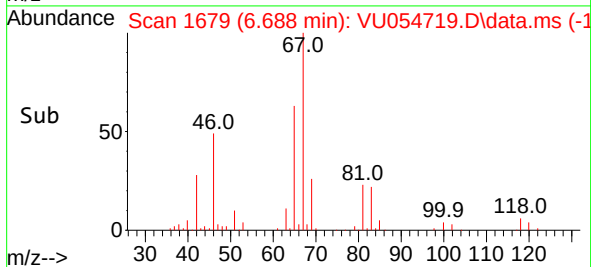
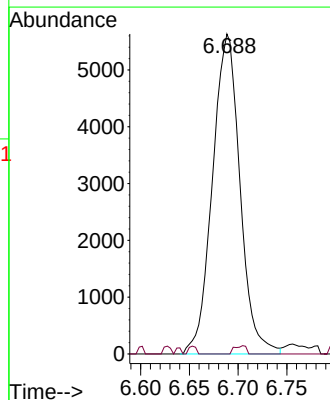
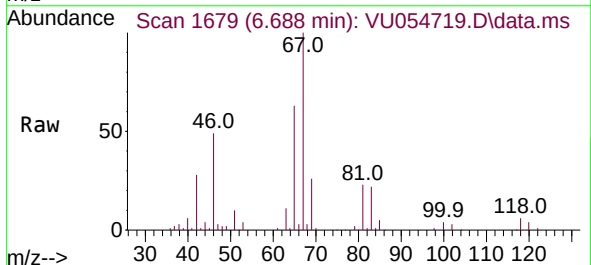
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

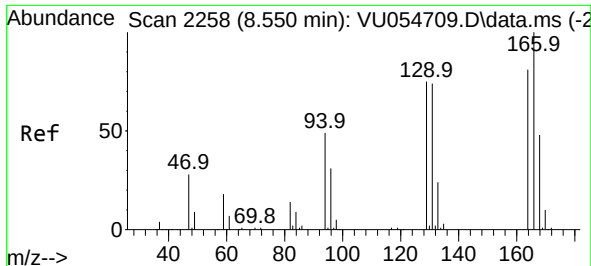
Tgt Ion: 84 Resp: 10339
Ion Ratio Lower Upper
84 100
86 62.6 43.9 81.5
49 140.7 86.1 159.9



#37
1,2-Dichloropropane
Concen: 0.428 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU054719.D
Acq: 30 Jun 2023 13:53

Tgt Ion: 63 Resp: 11084
Ion Ratio Lower Upper
63 100
112 1.1 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.284 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054719.D

Acq: 30 Jun 2023 13:53

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion:164 Resp: 5502

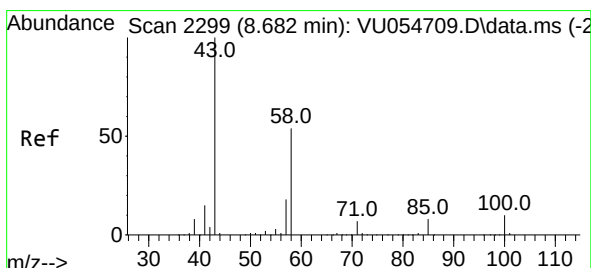
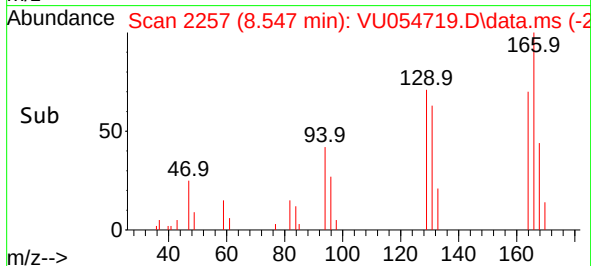
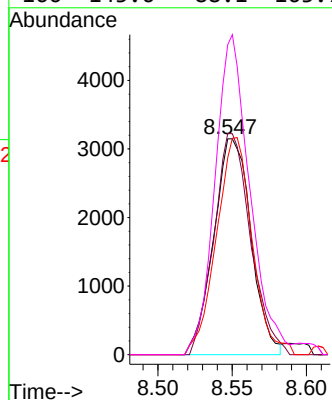
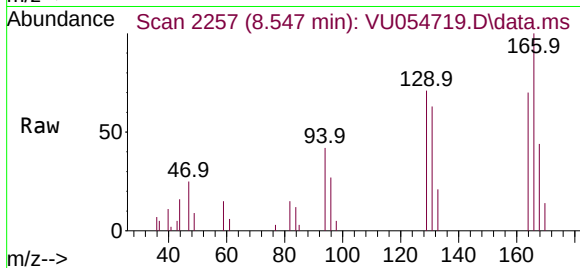
Ion Ratio Lower Upper

164 100

129 102.4 67.7 125.7

131 91.2 64.6 120.0

166 143.6 88.1 163.7



#48

2-Hexanone

Concen: 0.776 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054719.D

Acq: 30 Jun 2023 13:53

Tgt Ion: 43 Resp: 7992

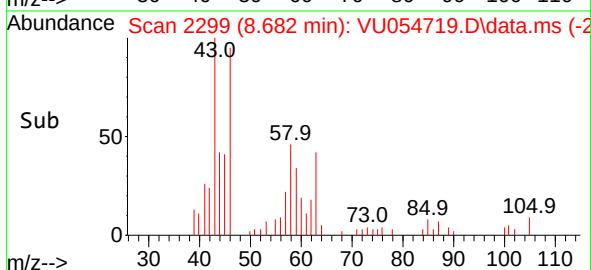
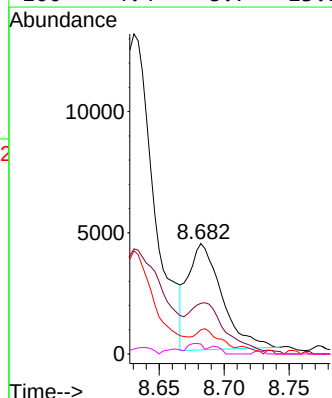
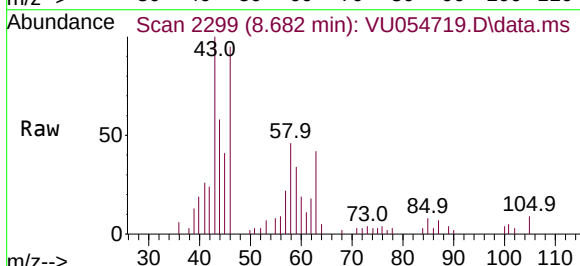
Ion Ratio Lower Upper

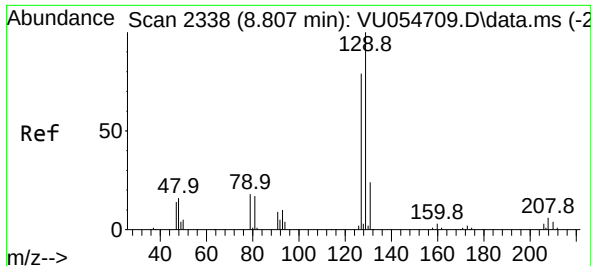
43 100

58 51.9 45.2 67.8

57 12.5 15.8 23.6#

100 4.4 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.320 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU054719.D

Acq: 30 Jun 2023 13:53

Instrument :

MSVOA_U

ClientSampleId :

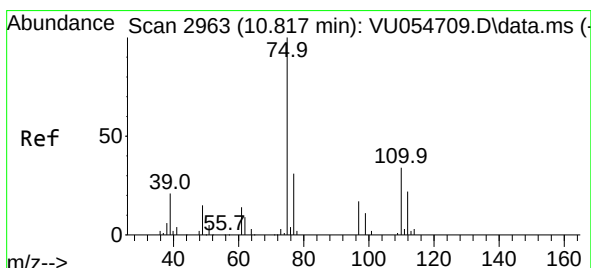
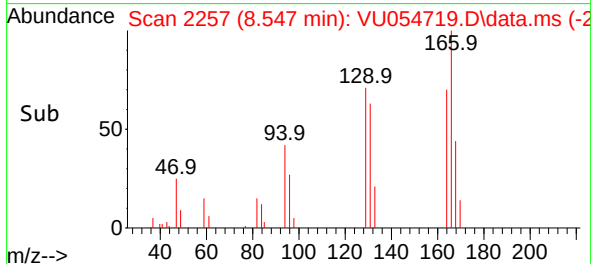
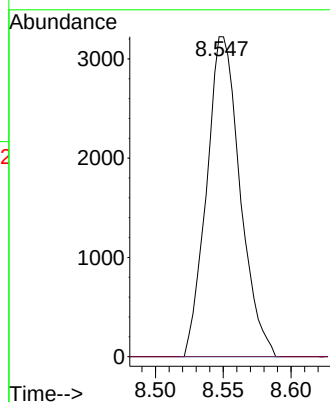
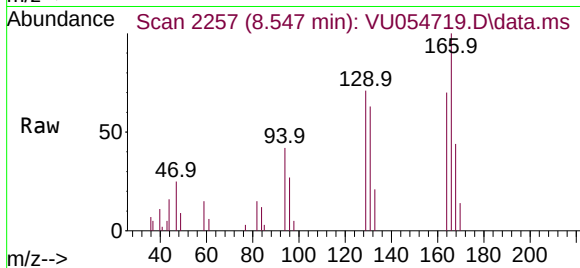
VHBLK001

Tgt Ion:129 Resp: 5540

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.273 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054719.D

Acq: 30 Jun 2023 13:53

Tgt Ion: 75 Resp: 14731

Ion Ratio Lower Upper

75 100

110 3.0 28.0 42.0#

77 30.7 25.4 38.2

