

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054717.D
 Acq On : 30 Jun 2023 13:04
 Operator : MD/SY
 Sample : 03477-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA43DL

Quant Time: Jul 03 06:44:17 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)

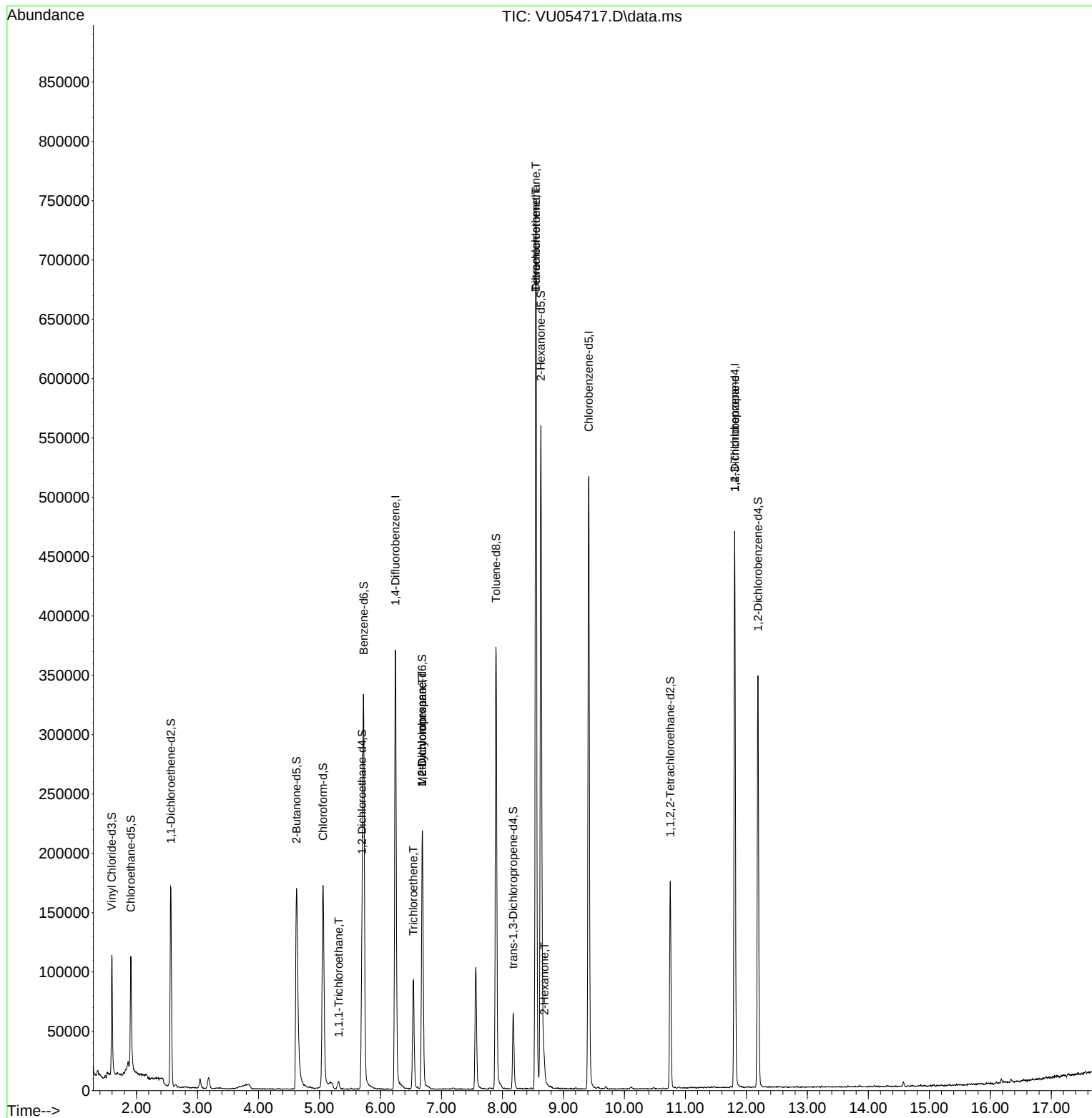
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	299782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	285962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	124308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78096	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	72100	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.563	65	32094	3.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.624	46	270102	50.354	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.700%
24) Chloroform-d	5.058	84	157035	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.698	65	85523	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.724	84	303022	3.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.685	67	108908	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	251141	3.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.177	79	37573	4.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.630	63	181061	46.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87485	4.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	91131	4.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
29) 1,1,1-Trichloroethane	5.316	97	4701	0.121	ug/L	89
34) Trichloroethene	6.541	95	31123	1.145	ug/L	96
35) Methylcyclohexane	6.685	83	23303	0.567	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11726	0.422	ug/L #	90
47) Tetrachloroethene	8.550	164	166584	8.008	ug/L	99
48) 2-Hexanone	8.688	43	10079	0.912	ug/L #	38
49) Dibromochloromethane	8.550	129	159846	8.611	ug/L #	12
61) 1,2,3-Trichloropropane	11.810	75	15608	1.242	ug/L #	70

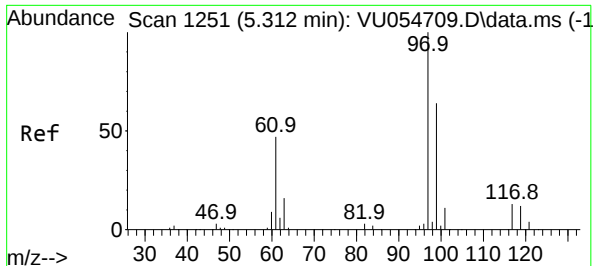
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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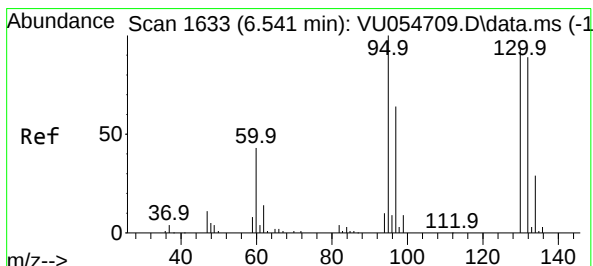
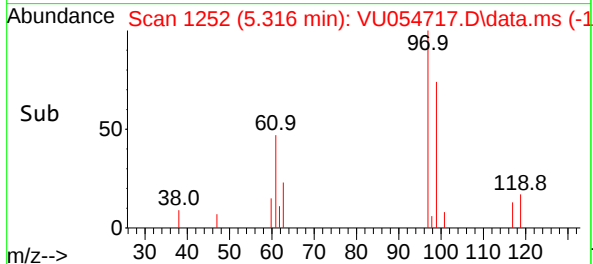
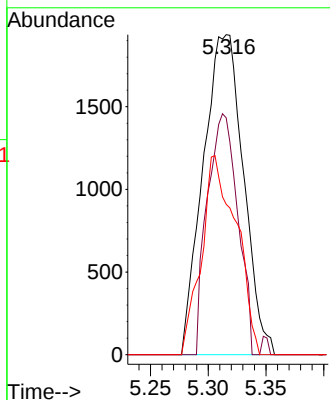
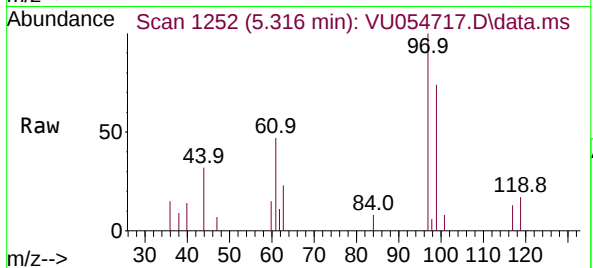


#29
1,1,1-Trichloroethane
Concen: 0.121 ug/L
RT: 5.316 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054717.D
Acq: 30 Jun 2023 13:04

Instrument :
MSVOA_U
ClientSampleId :
HOA43DL

Tgt Ion: 97 Resp: 4701

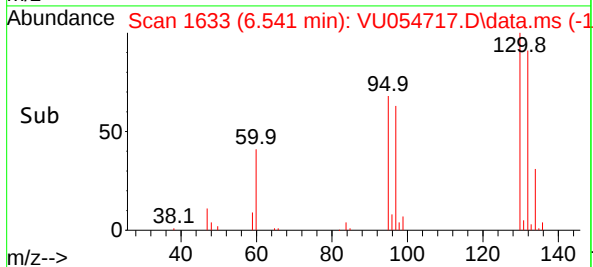
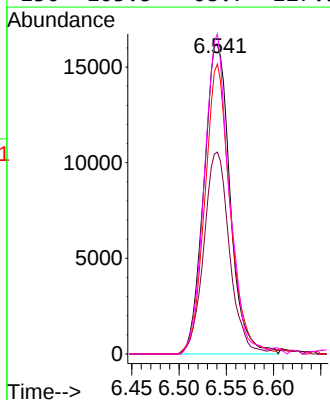
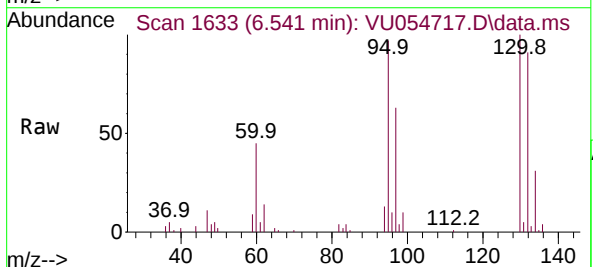
Ion	Ratio	Lower	Upper
97	100		
99	56.8	50.8	76.2
61	53.8	36.1	54.1

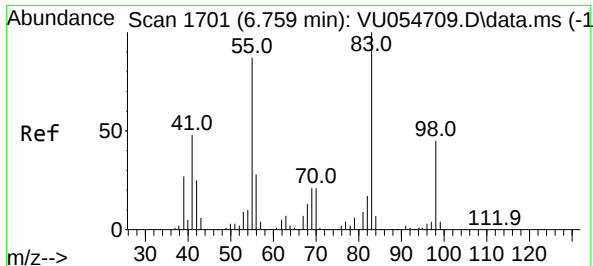


#34
Trichloroethene
Concen: 1.145 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054717.D
Acq: 30 Jun 2023 13:04

Tgt Ion: 95 Resp: 31123

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.8	87.0
132	93.8	68.4	127.0
130	103.5	68.7	127.5

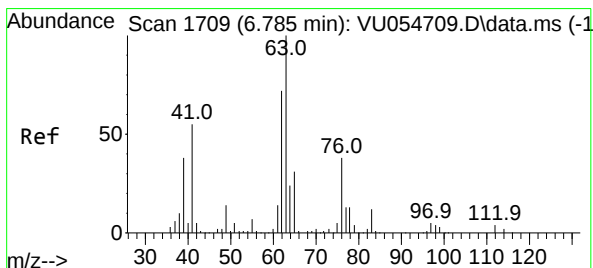
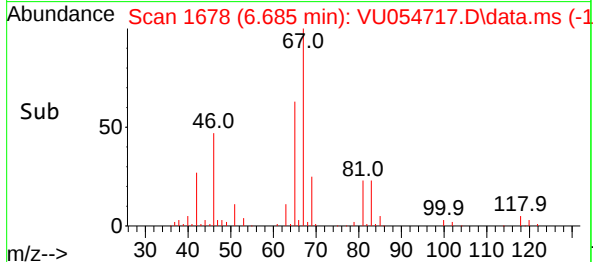
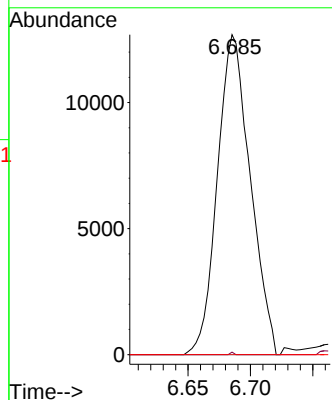
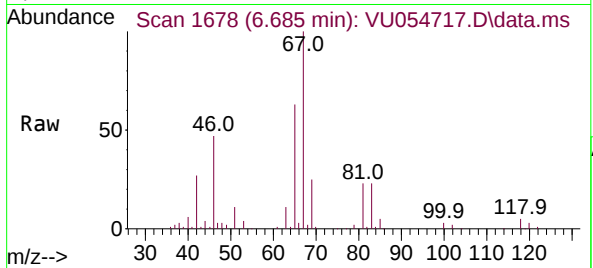




#35
Methylcyclohexane
Concen: 0.567 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054717.D
Acq: 30 Jun 2023 13:04

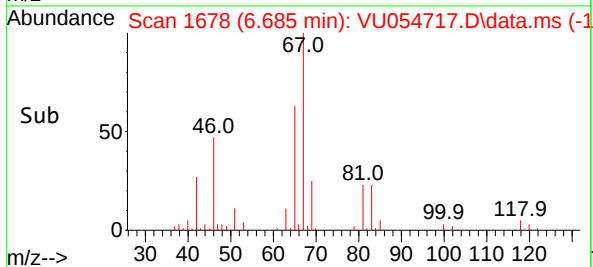
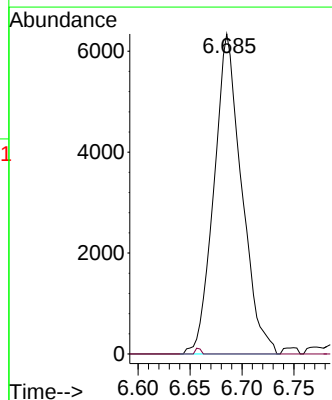
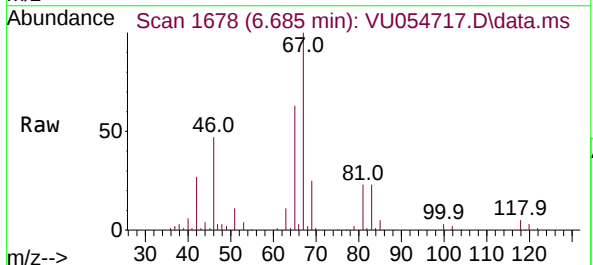
Instrument :
MSVOA_U
ClientSampleId :
HOA43DL

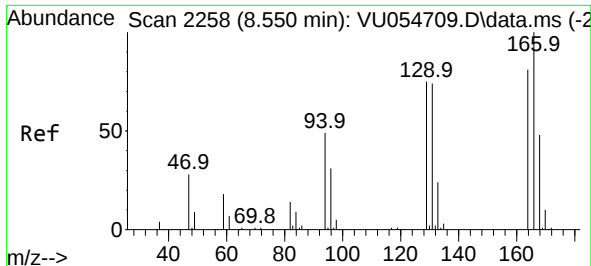
Tgt Ion: 83 Resp: 23303
Ion Ratio Lower Upper
83 100
55 0.1 67.1 100.7#
98 0.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU054717.D
Acq: 30 Jun 2023 13:04

Tgt Ion: 63 Resp: 11726
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#





#47

Tetrachloroethene

Concen: 8.008 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054717.D

Acq: 30 Jun 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

HOA43DL

Tgt Ion:164 Resp: 166584

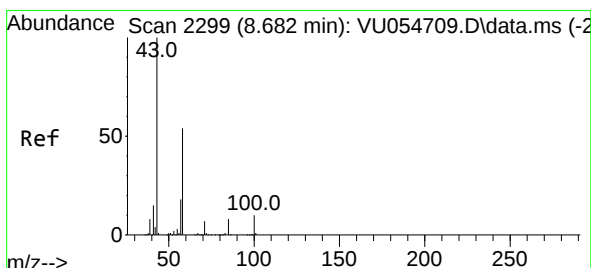
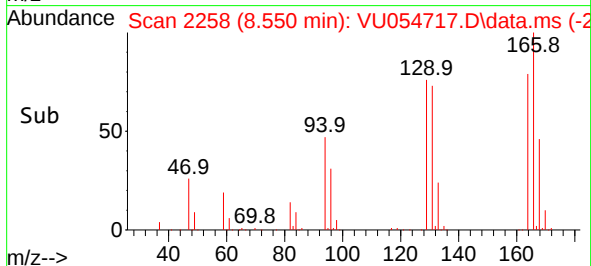
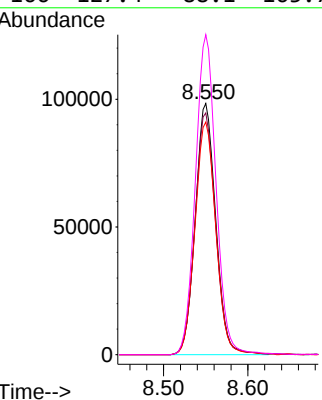
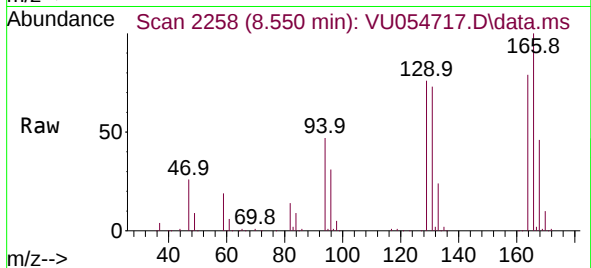
Ion Ratio Lower Upper

164 100

129 96.2 67.7 125.7

131 92.6 64.6 120.0

166 127.4 88.1 163.7



#48

2-Hexanone

Concen: 0.912 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU054717.D

Acq: 30 Jun 2023 13:04

Tgt Ion: 43 Resp: 10079

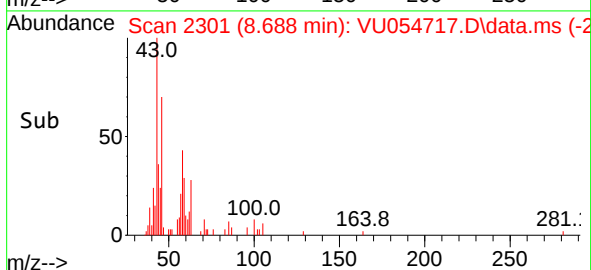
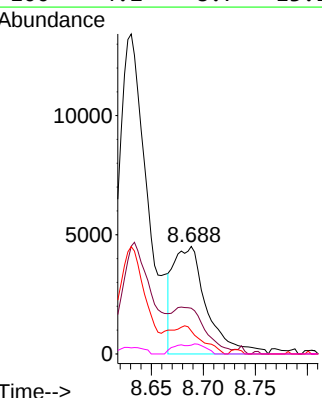
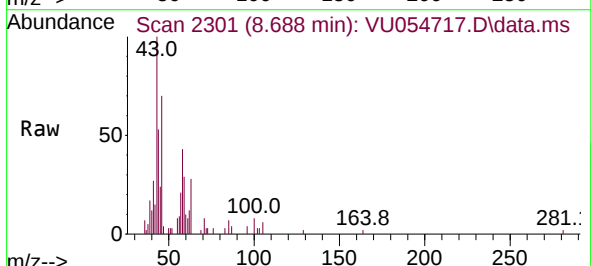
Ion Ratio Lower Upper

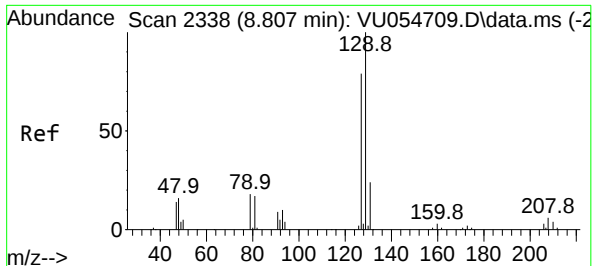
43 100

58 0.0 45.2 67.8#

57 0.0 15.8 23.6#

100 4.2 8.7 13.1#





#49

Dibromochloromethane

Concen: 8.611 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054717.D

Acq: 30 Jun 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

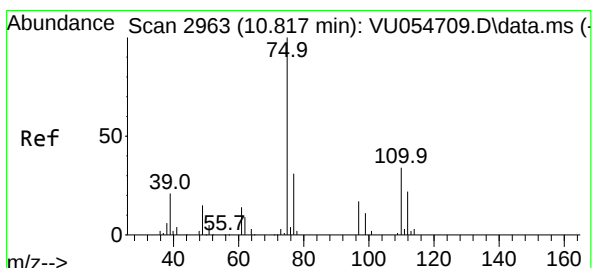
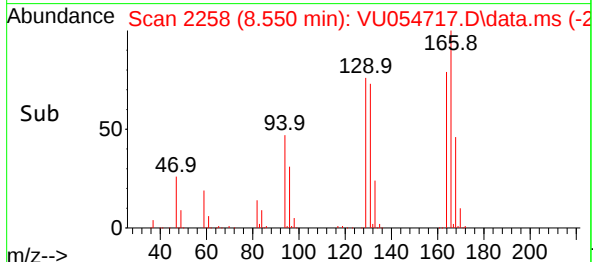
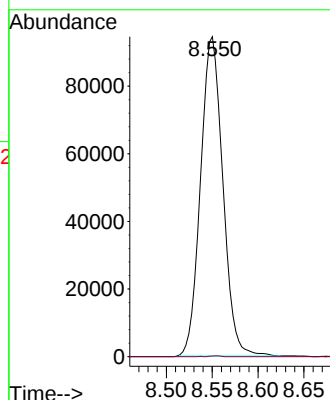
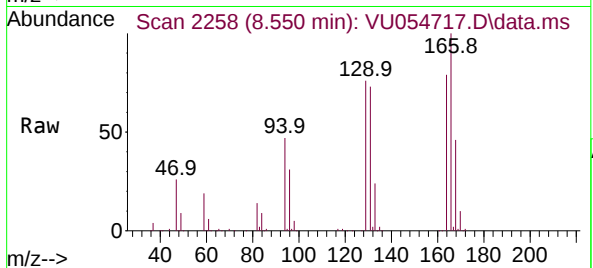
HOA43DL

Tgt Ion:129 Resp: 159846

Ion Ratio Lower Upper

129 100

127 0.2 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.242 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU054717.D

Acq: 30 Jun 2023 13:04

Tgt Ion: 75 Resp: 15608

Ion Ratio Lower Upper

75 100

110 2.6 28.0 42.0#

77 32.8 25.4 38.2

