

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054712.D
 Acq On : 30 Jun 2023 11:03
 Operator : MD/SY
 Sample : 03477-07DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA45DL

Quant Time: Jul 03 06:43:03 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)

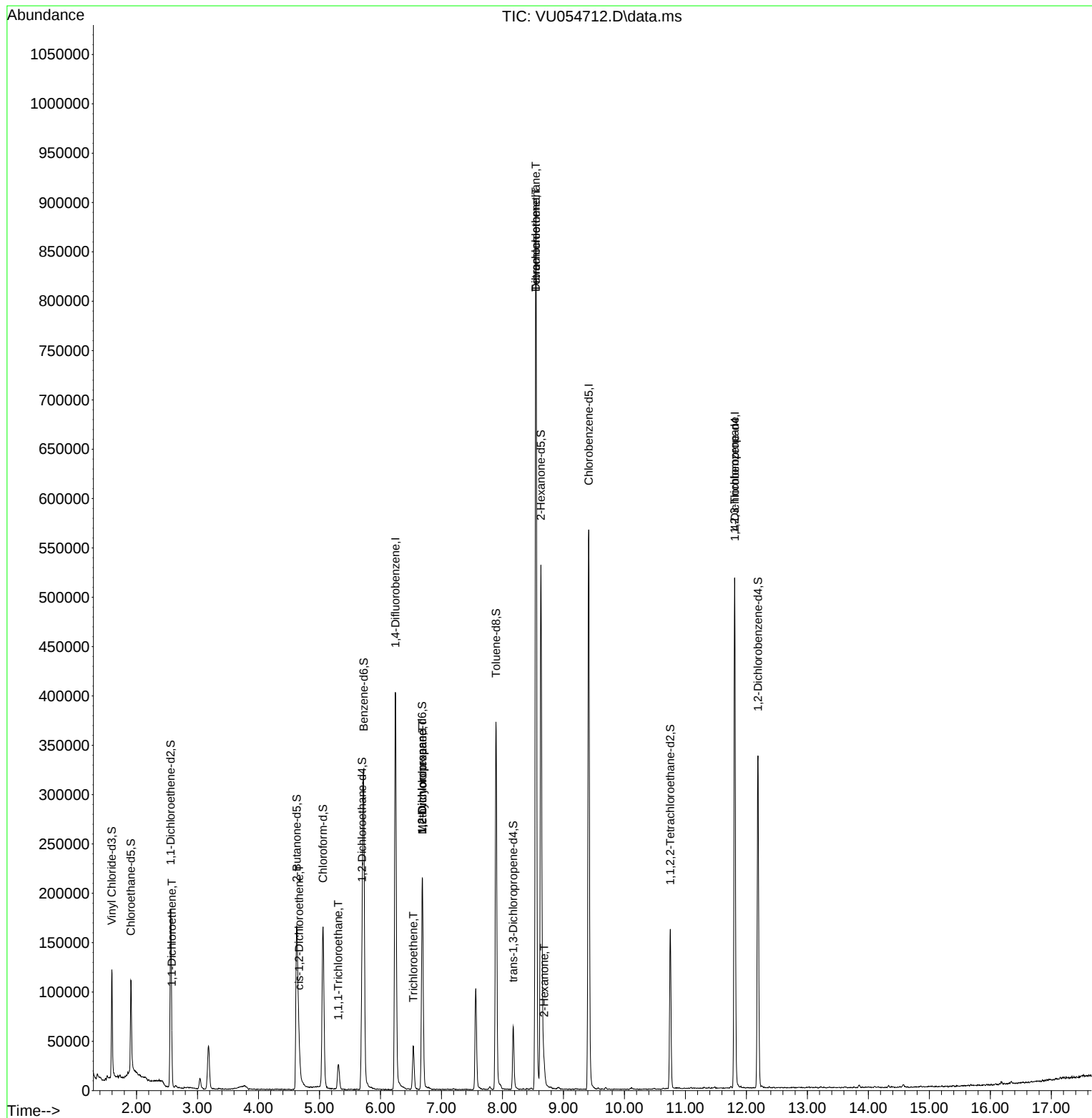
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	323556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	312337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	135903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83639	4.062	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.907	69	71941	3.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.560	65	33669	3.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.627	46	263943	45.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	5.058	84	155987	3.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	5.698	65	85455	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.724	84	304183	3.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.685	67	105511	3.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	245810	3.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.177	79	36774	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.630	63	171469	40.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83544	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	88528	3.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	5196	0.221	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	5844	0.212	ug/L	89
29) 1,1,1-Trichloroethane	5.309	97	18459	0.436	ug/L	99
34) Trichloroethene	6.540	95	14891	0.502	ug/L	91
35) Methylcyclohexane	6.688	83	24002	0.535	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	11404	0.376	ug/L #	90
47) Tetrachloroethene	8.550	164	196960	8.668	ug/L	96
48) 2-Hexanone	8.685	43	9385	0.778	ug/L #	83
49) Dibromochloromethane	8.550	129	198040	9.768	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18310	1.333	ug/L #	70

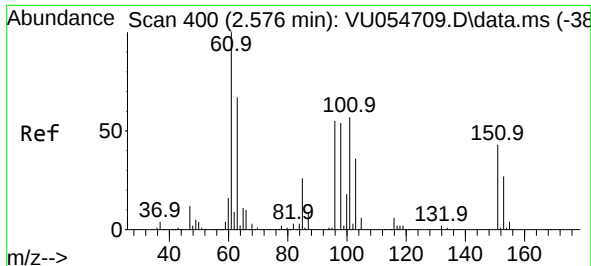
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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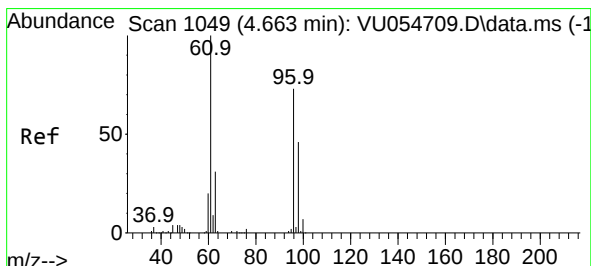
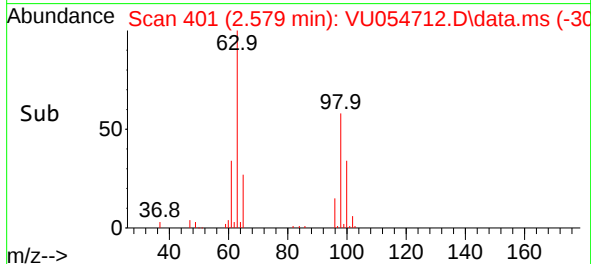
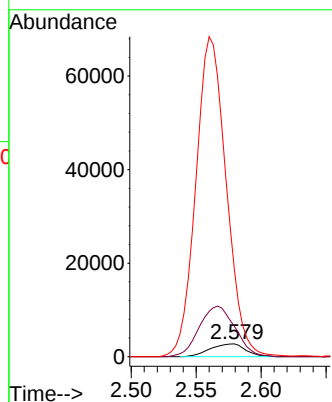
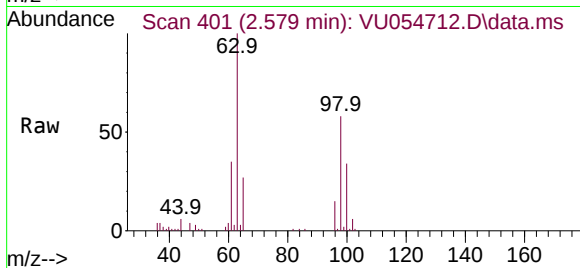




#12
1,1-Dichloroethene
Concen: 0.221 ug/L
RT: 2.579 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU054712.D
Acq: 30 Jun 2023 11:03

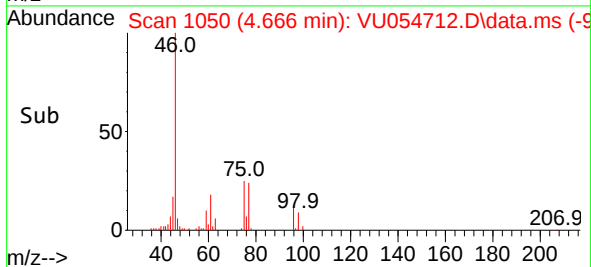
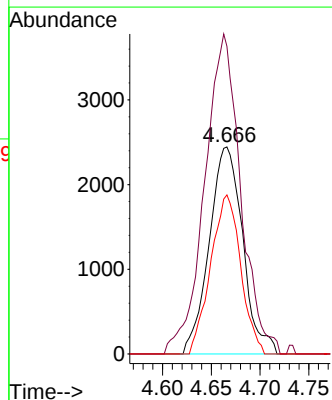
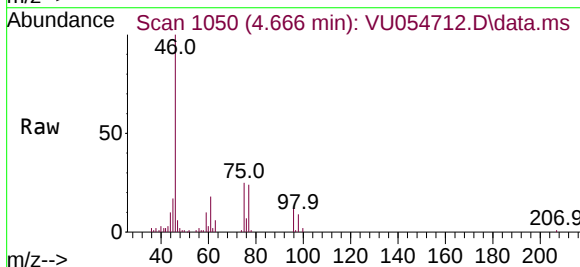
Instrument :
MSVOA_U
ClientSampleId :
HOA45DL

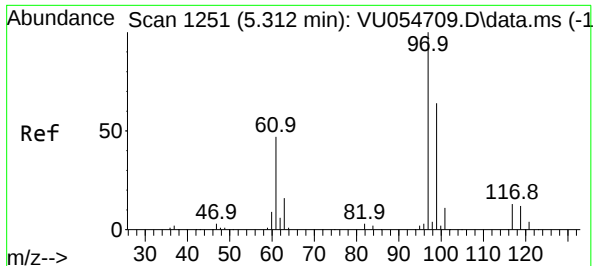
Tgt Ion: 96 Resp: 5196
Ion Ratio Lower Upper
96 100
61 238.8 119.9 222.7#
63 687.2 64.3 119.3#



#22
cis-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU054712.D
Acq: 30 Jun 2023 11:03

Tgt Ion: 96 Resp: 5844
Ion Ratio Lower Upper
96 100
61 148.6 96.5 179.1
98 76.9 44.9 83.3





#29

1,1,1-Trichloroethane

Concen: 0.436 ug/L

RT: 5.309 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Instrument :

MSVOA_U

ClientSampleId :

HOA45DL

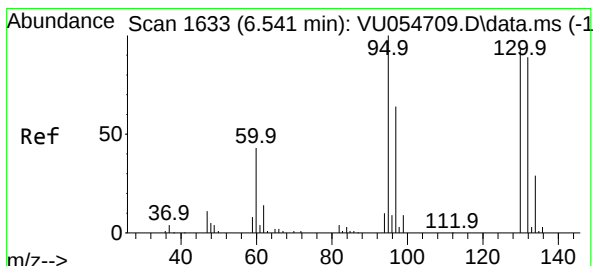
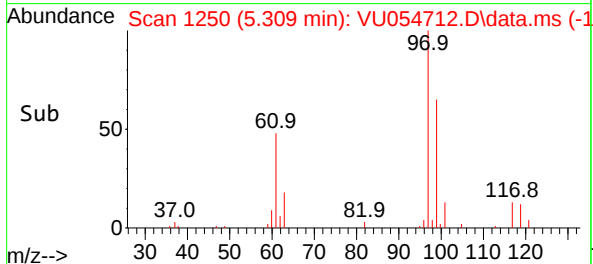
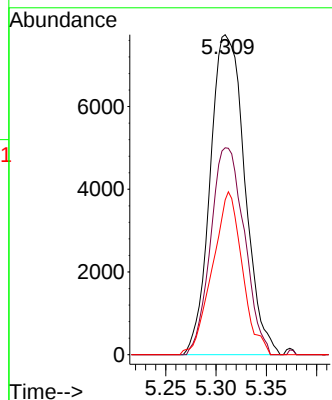
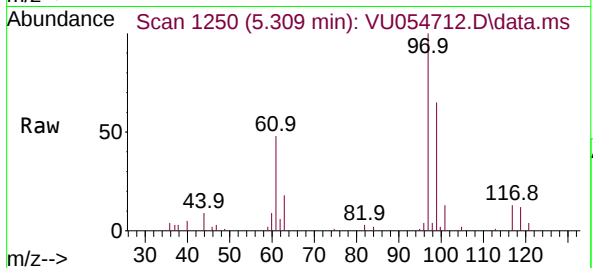
Tgt Ion: 97 Resp: 18459

Ion Ratio Lower Upper

97 100

99 63.1 50.8 76.2

61 44.1 36.1 54.1



#34

Trichloroethene

Concen: 0.502 ug/L

RT: 6.540 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Tgt Ion: 95 Resp: 14891

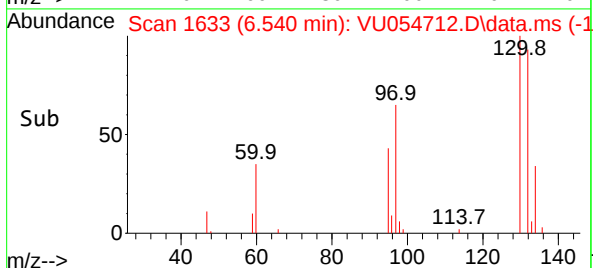
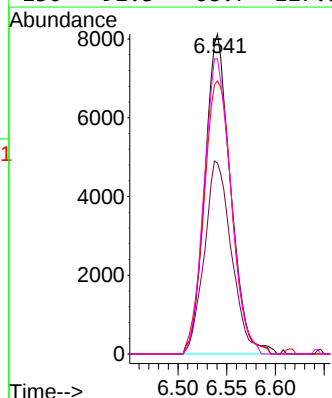
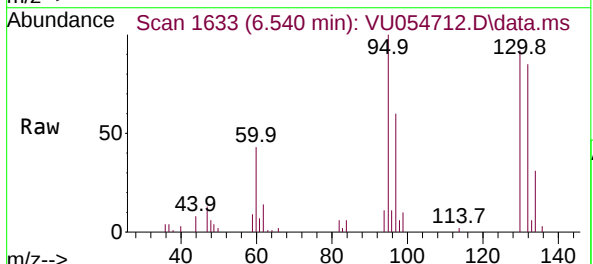
Ion Ratio Lower Upper

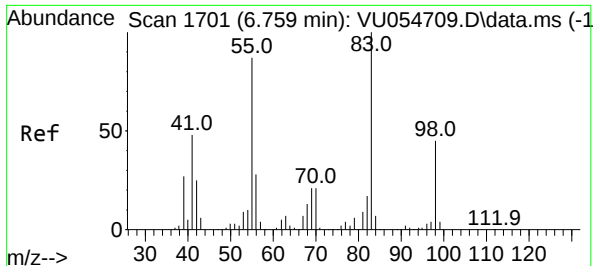
95 100

97 59.7 46.8 87.0

132 85.4 68.4 127.0

130 92.3 68.7 127.5





#35

Methylcyclohexane

Concen: 0.535 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Instrument :

MSVOA_U

ClientSampleId :

HOA45DL

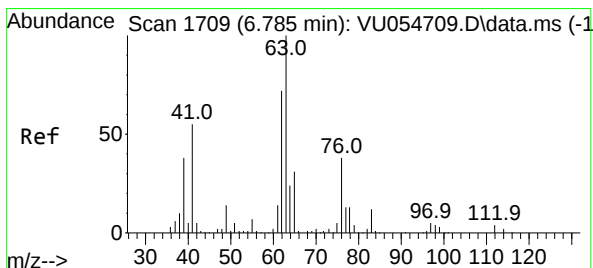
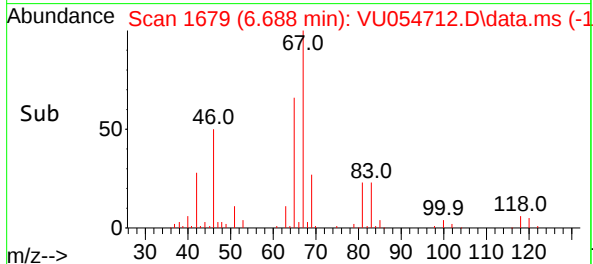
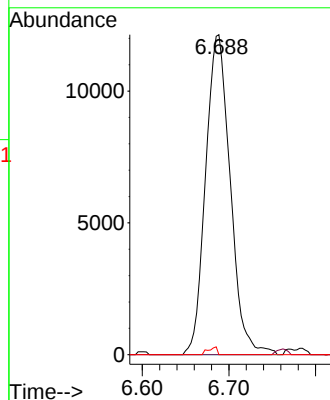
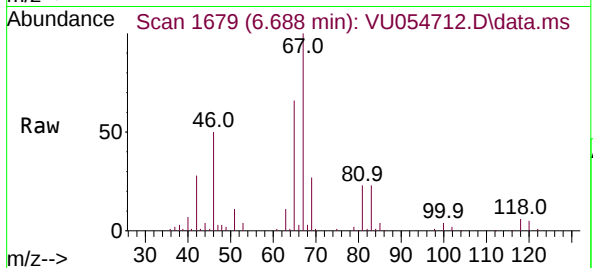
Tgt Ion: 83 Resp: 24002

Ion Ratio Lower Upper

83 100

55 0.8 67.1 100.7#

98 0.9 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.376 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.097 min

Lab File: VU054712.D

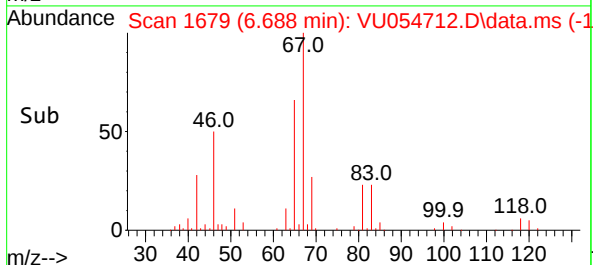
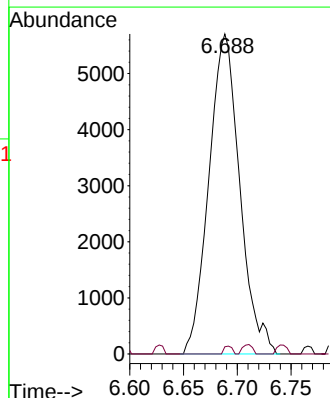
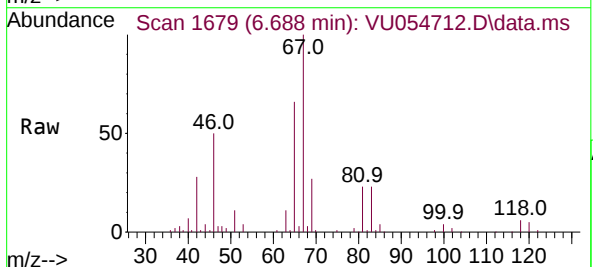
Acq: 30 Jun 2023 11:03

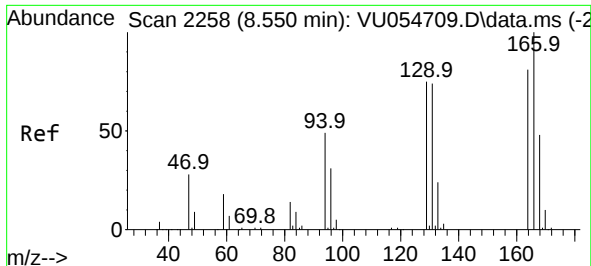
Tgt Ion: 63 Resp: 11404

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#





#47

Tetrachloroethene

Concen: 8.668 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Instrument :

MSVOA_U

ClientSampleId :

HOA45DL

Tgt Ion:164 Resp: 196960

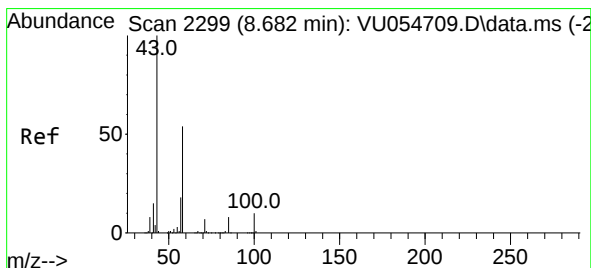
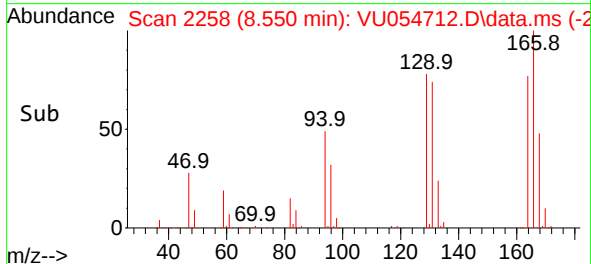
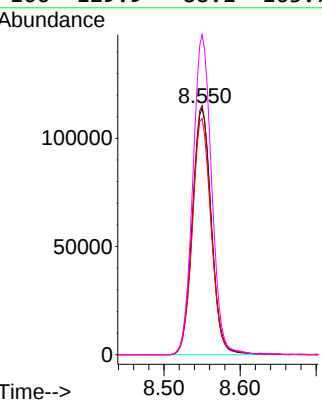
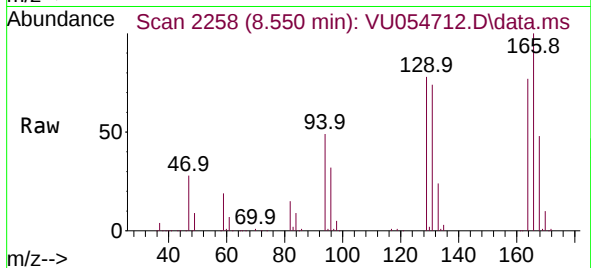
Ion Ratio Lower Upper

164 100

129 101.1 67.7 125.7

131 95.8 64.6 120.0

166 129.9 88.1 163.7



#48

2-Hexanone

Concen: 0.778 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Tgt Ion: 43 Resp: 9385

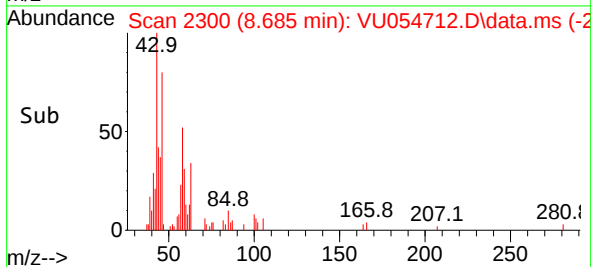
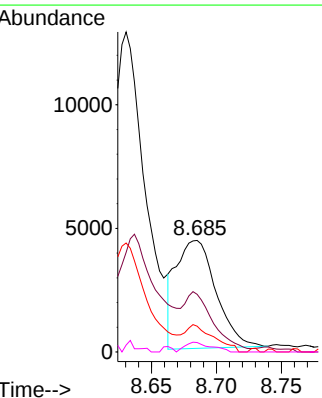
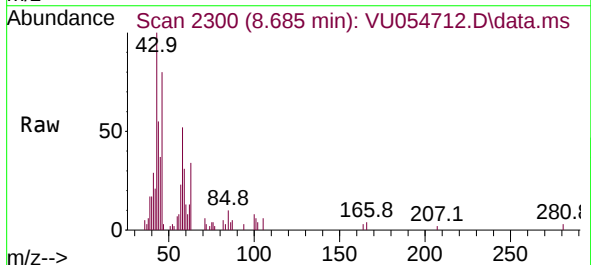
Ion Ratio Lower Upper

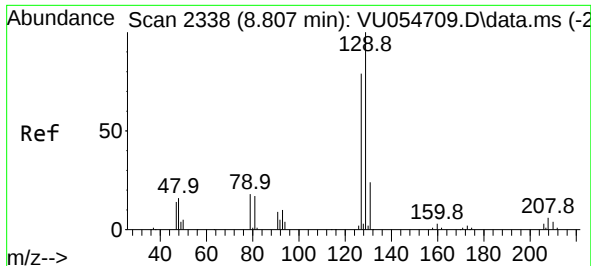
43 100

58 39.6 45.2 67.8#

57 19.0 15.8 23.6

100 5.9 8.7 13.1#





#49

Dibromochloromethane

Concen: 9.768 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

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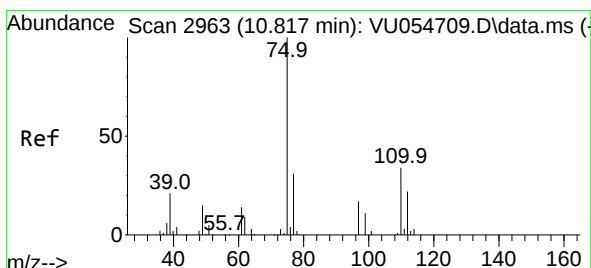
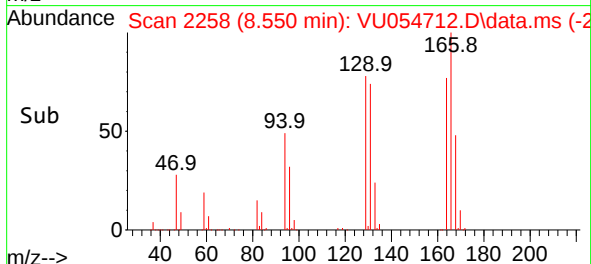
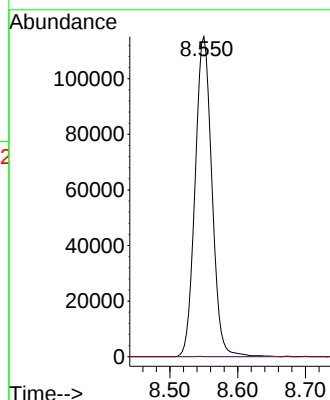
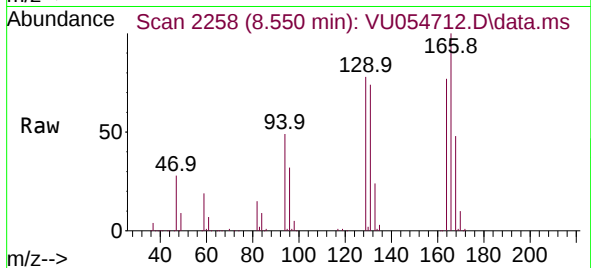
HOA45DL

Tgt Ion:129 Resp: 198040

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.333 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054712.D

Acq: 30 Jun 2023 11:03

Tgt Ion: 75 Resp: 18310

Ion Ratio Lower Upper

75 100

110 2.5 28.0 42.0#

77 30.9 25.4 38.2

