

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054714.D
 Acq On : 30 Jun 2023 11:51
 Operator : MD/SY
 Sample : 03477-02DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA42DL

Quant Time: Jul 03 06:43:36 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)

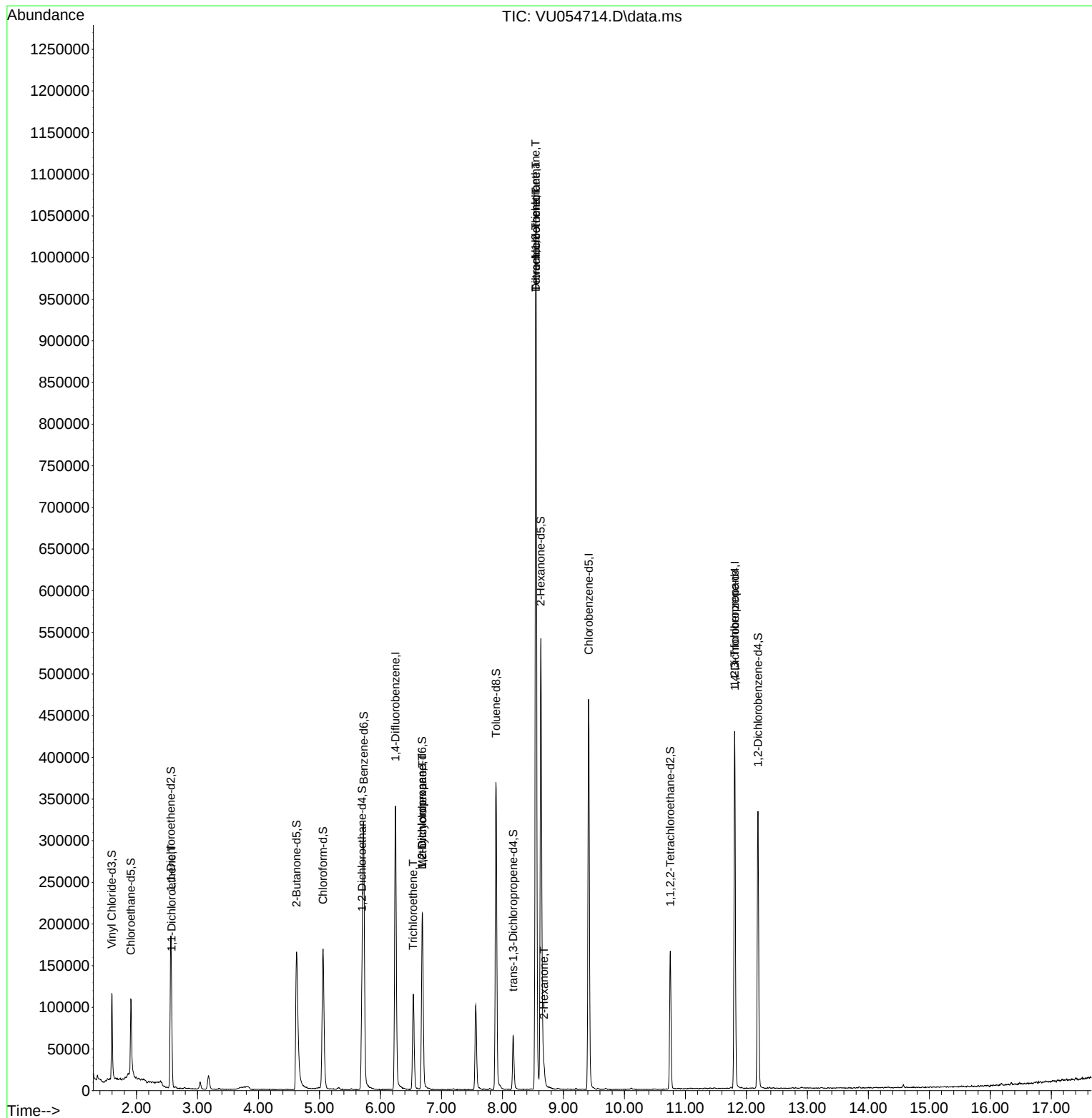
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79419	4.653	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.907	69	70947	4.440	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.563	65	32658	4.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.624	46	263018	54.814	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.620%	
24) Chloroform-d	5.058	84	156207	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.698	65	83755	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.724	84	295707	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.685	67	105571	4.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.894	98	247888	3.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.177	79	37612	4.476	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.627	63	177580	50.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.740%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85180	4.727	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	87840	4.681	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	12911	0.664	ug/L #	1
34) Trichloroethene	6.537	95	41048	1.659	ug/L	92
35) Methylcyclohexane	6.688	83	23889	0.639	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11454	0.453	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	2086	0.130	ug/L #	3
47) Tetrachloroethene	8.550	164	232899	12.300	ug/L	98
48) 2-Hexanone	8.682	43	7574	0.753	ug/L	96
49) Dibromochloromethane	8.550	129	222152	13.148	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	14528	1.292	ug/L #	71

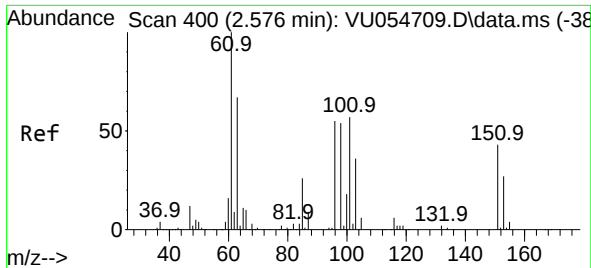
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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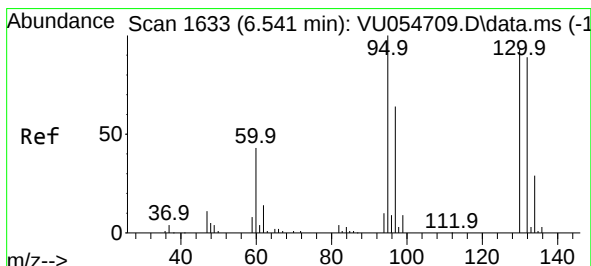
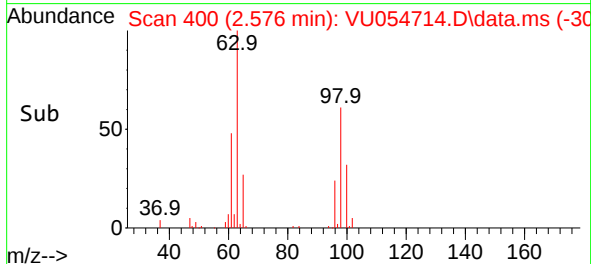
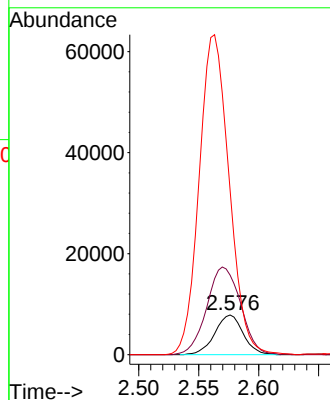
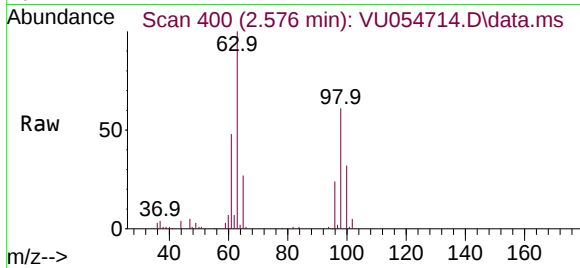




#12
1,1-Dichloroethene
Concen: 0.664 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054714.D
Acq: 30 Jun 2023 11:51

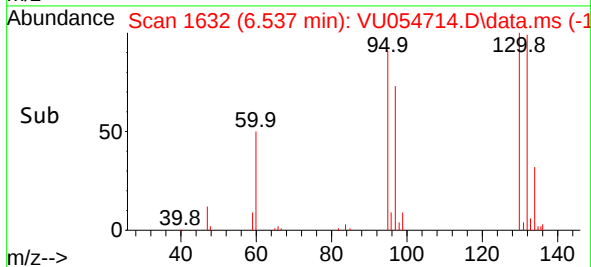
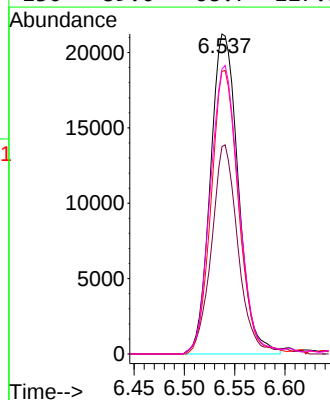
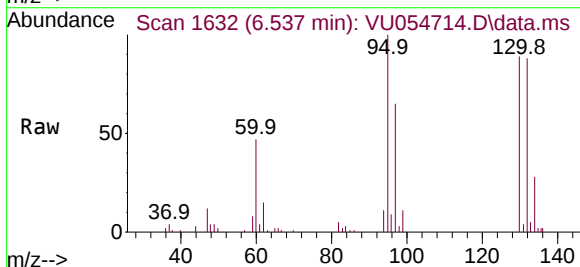
Instrument :
MSVOA_U
ClientSampleId :
HOA42DL

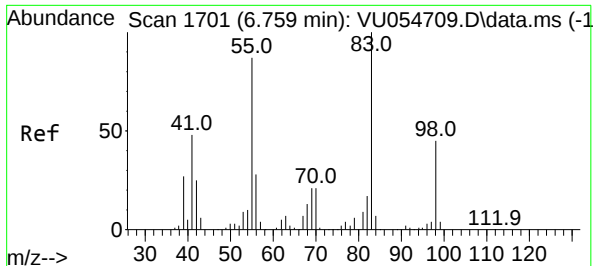
Tgt Ion: 96 Resp: 12911
Ion Ratio Lower Upper
96 100
61 200.4 119.9 222.7
63 413.8 64.3 119.3#



#34
Trichloroethene
Concen: 1.659 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054714.D
Acq: 30 Jun 2023 11:51

Tgt Ion: 95 Resp: 41048
Ion Ratio Lower Upper
95 100
97 64.8 46.8 87.0
132 88.3 68.4 127.0
130 89.0 68.7 127.5





#35

Methylcyclohexane

Concen: 0.639 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054714.D

Acq: 30 Jun 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

HOA42DL

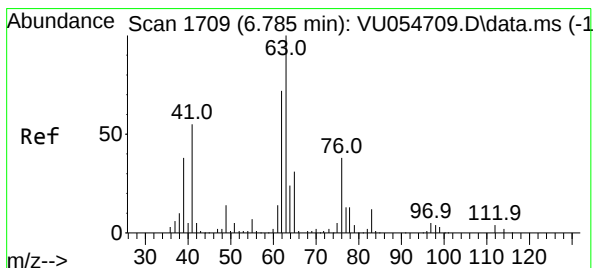
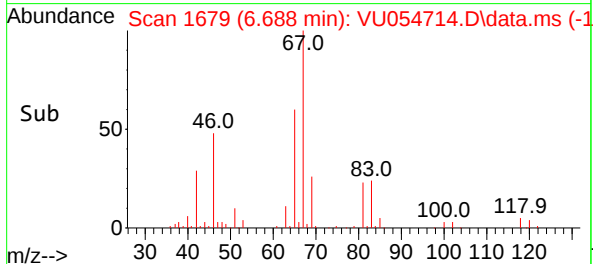
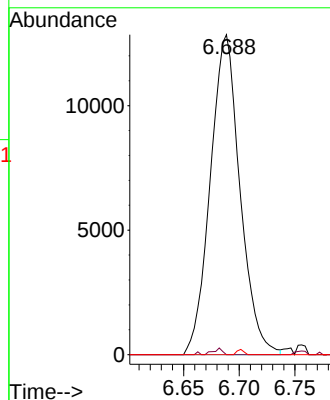
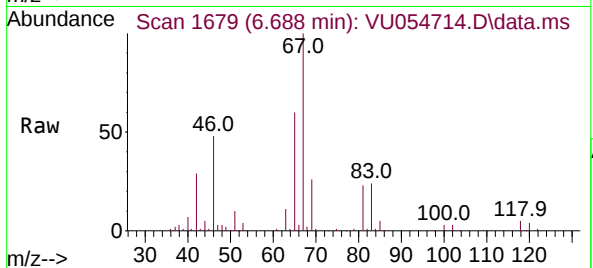
Tgt Ion: 83 Resp: 23889

Ion Ratio Lower Upper

83 100

55 0.6 67.1 100.7#

98 0.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.453 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU054714.D

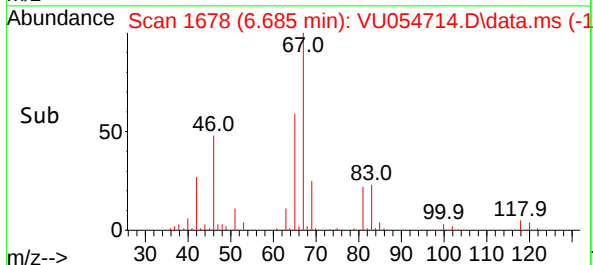
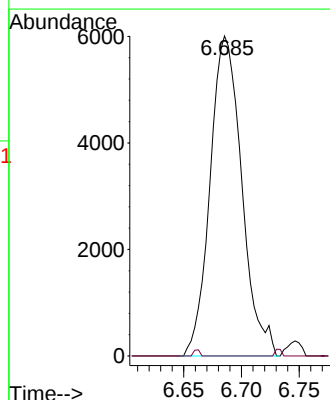
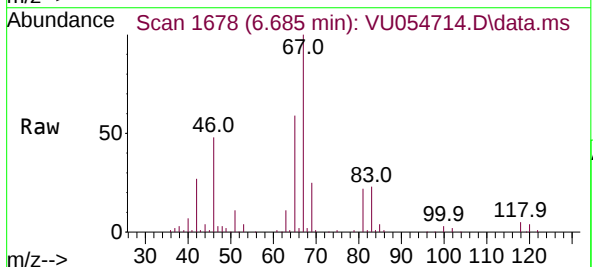
Acq: 30 Jun 2023 11:51

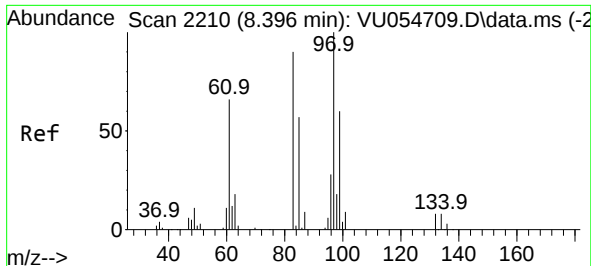
Tgt Ion: 63 Resp: 11454

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#





#45

1,1,2-Trichloroethane

Concen: 0.130 ug/L

RT: 8.544 min Scan# 21

Delta R.T. 0.148 min

Lab File: VU054714.D

Acq: 30 Jun 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

HOA42DL

Tgt Ion: 97 Resp: 2086

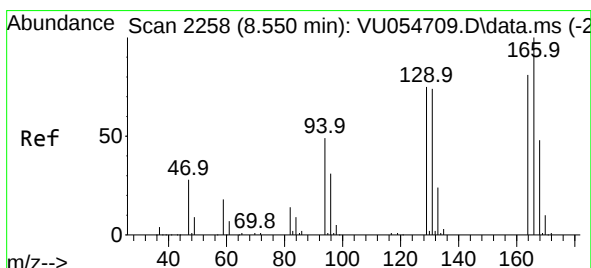
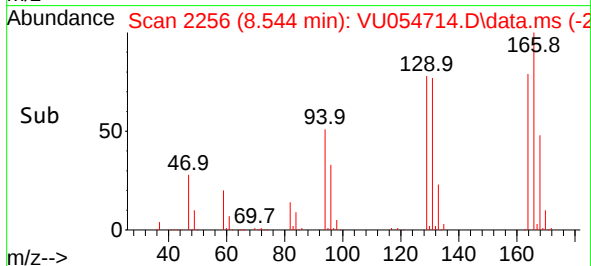
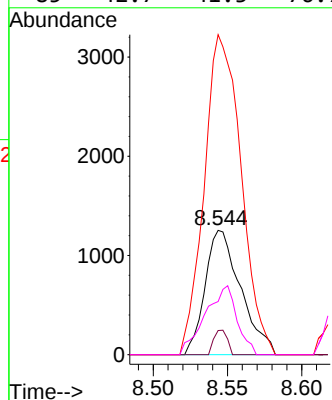
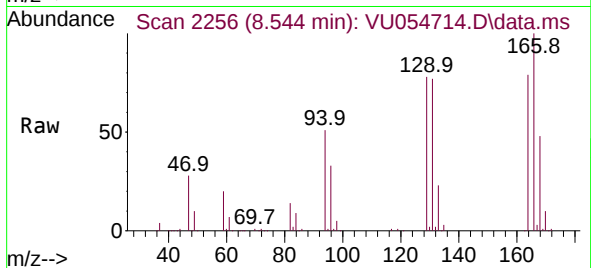
Ion Ratio Lower Upper

97 100

99 19.4 43.0 80.0#

83 257.3 63.8 118.6#

85 42.7 41.3 76.7



#47

Tetrachloroethene

Concen: 12.300 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054714.D

Acq: 30 Jun 2023 11:51

Tgt Ion:164 Resp: 232899

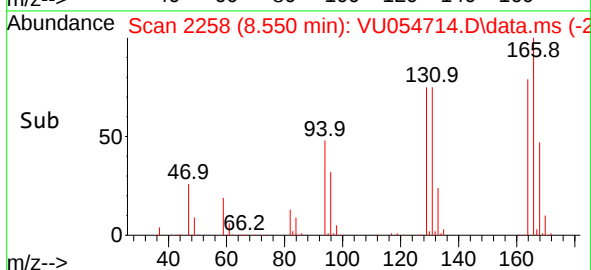
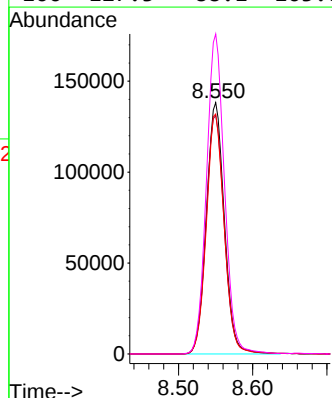
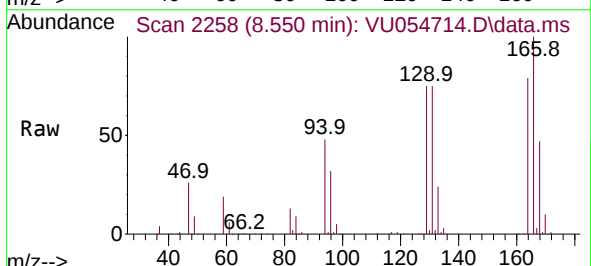
Ion Ratio Lower Upper

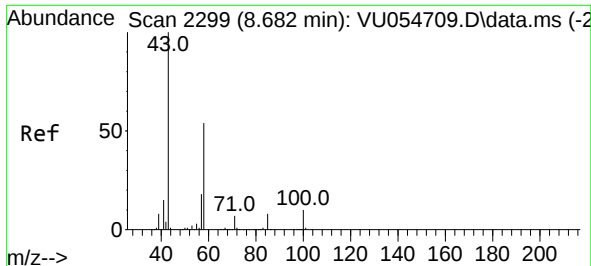
164 100

129 94.9 67.7 125.7

131 95.5 64.6 120.0

166 127.3 88.1 163.7

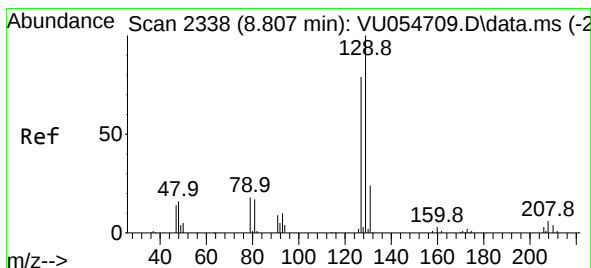
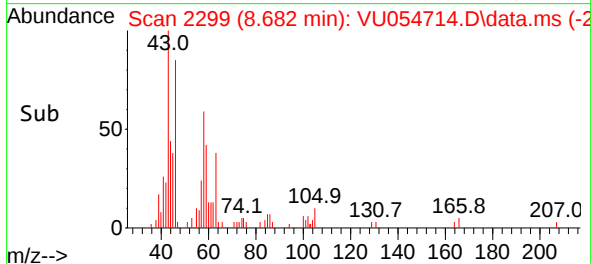
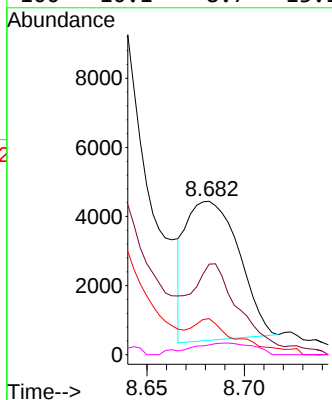
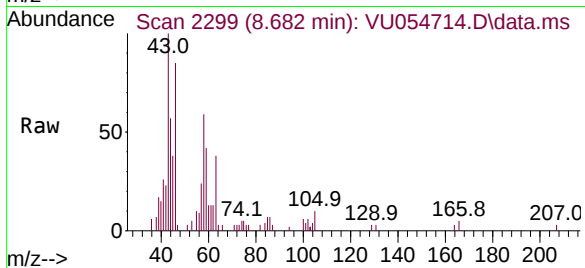




#48
2-Hexanone
Concen: 0.753 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054714.D
Acq: 30 Jun 2023 11:51

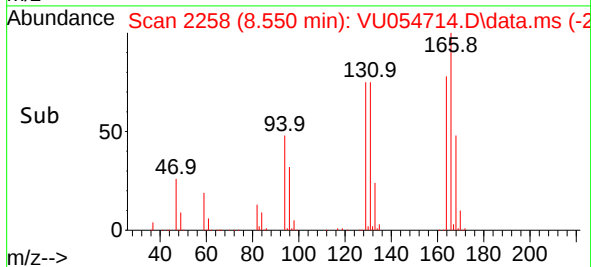
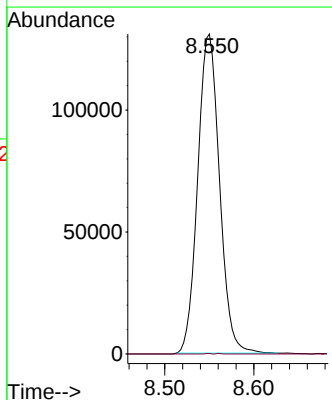
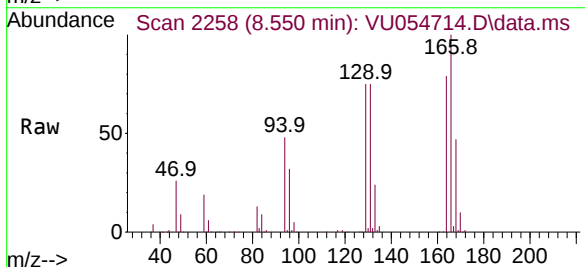
Instrument :
MSVOA_U
ClientSampleId :
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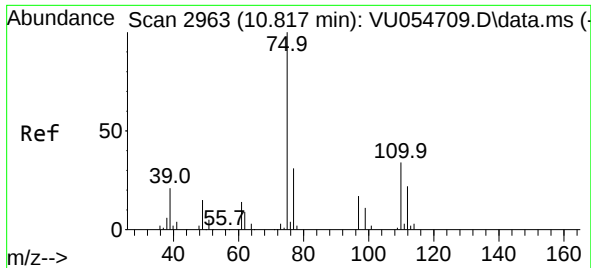
Tgt Ion: 43	Resp:	7574	
Ion	Ratio	Lower	Upper
43	100		
58	59.2	45.2	67.8
57	22.6	15.8	23.6
100	10.1	8.7	13.1



#49
Dibromochloromethane
Concen: 13.148 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU054714.D
Acq: 30 Jun 2023 11:51

Tgt Ion:129	Resp:	222152	
Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.2	98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.292 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054714.D
 Acq: 30 Jun 2023 11:51

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 14528
 Ion Ratio Lower Upper
 75 100
 110 2.8 28.0 42.0#
 77 31.6 25.4 38.2

