

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054715.D
 Acq On : 30 Jun 2023 12:16
 Operator : MD/SY
 Sample : 03477-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA44DL

Quant Time: Jul 03 06:43:51 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

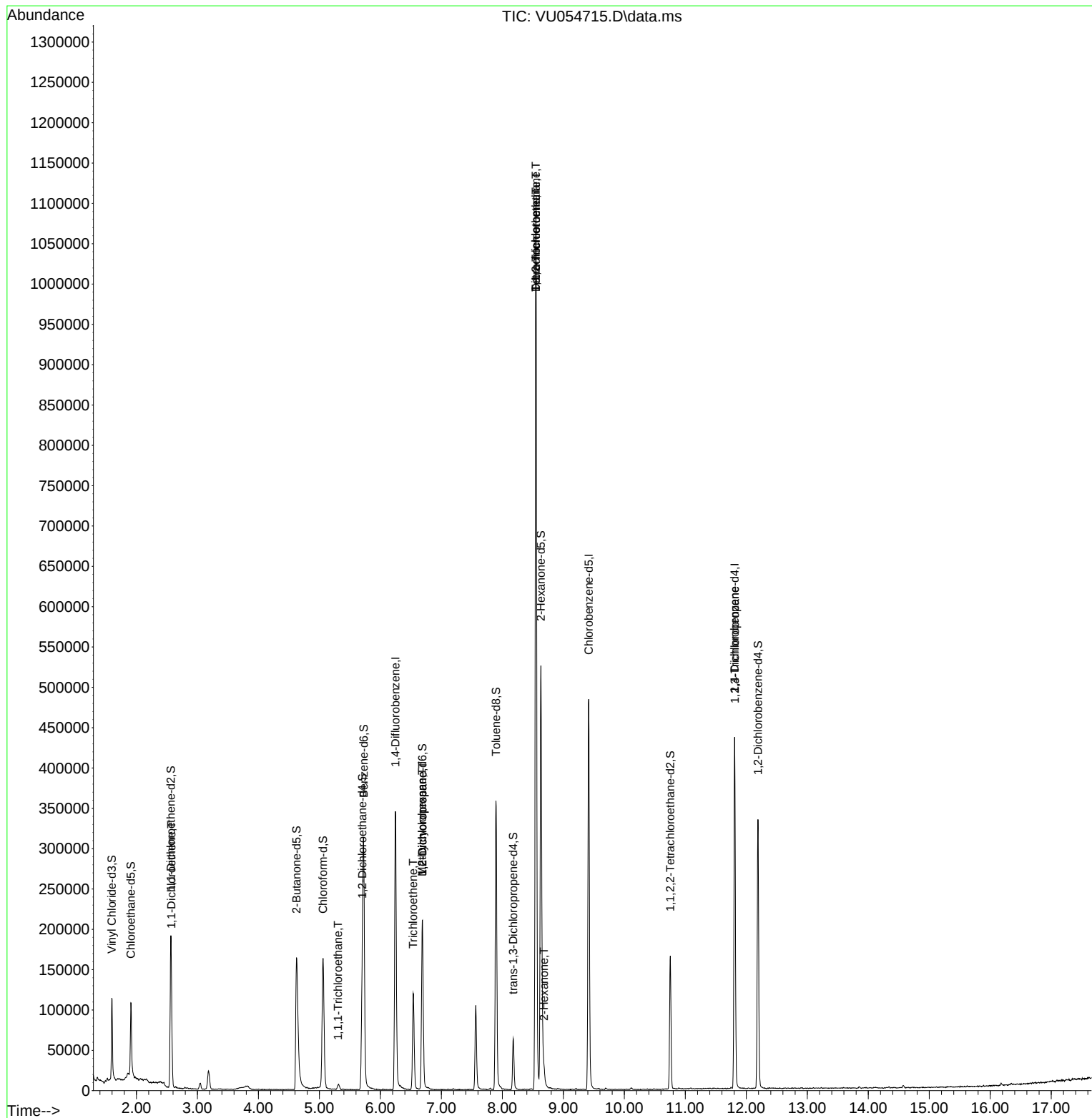
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	274030	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79108	4.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.907	69	70140	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.563	65	31651	4.064	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.200%	
20) 2-Butanone-d5	4.624	46	257942	52.606	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.220%	
24) Chloroform-d	5.058	84	151421	4.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.702	65	80462	4.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.724	84	292040	3.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.689	67	103199	4.198	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.894	98	240719	3.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	8.177	79	37274	4.361	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.631	63	170476	47.538	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84139	4.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	87275	4.429	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	15709	0.790	ug/L #	1
29) 1,1,1-Trichloroethane	5.306	97	4946	0.138	ug/L	99
34) Trichloroethene	6.537	95	42016	1.670	ug/L	97
35) Methylcyclohexane	6.685	83	23572	0.620	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	10920	0.424	ug/L #	90
45) 1,1,2-Trichloroethane	8.550	97	2222	0.136	ug/L #	1
47) Tetrachloroethene	8.550	164	242066	12.567	ug/L	98
48) 2-Hexanone	8.682	43	9612	0.940	ug/L #	76
49) Dibromochloromethane	8.550	129	233234	13.570	ug/L #	12
61) 1,2,3-Trichloropropane	11.811	75	15641	1.325	ug/L #	70

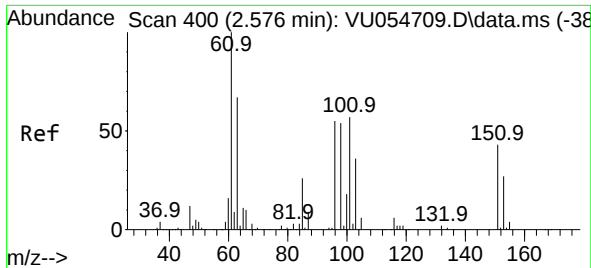
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.790 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

Instrument :

MSVOA_U

ClientSampleId :

HOA44DL

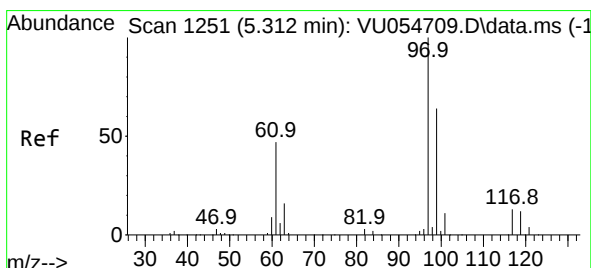
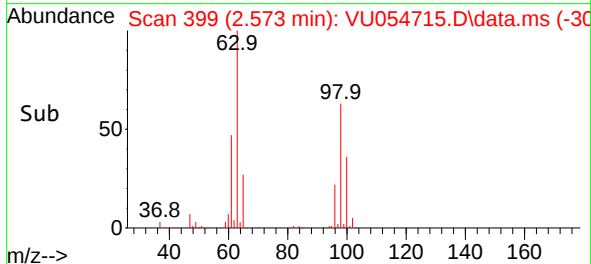
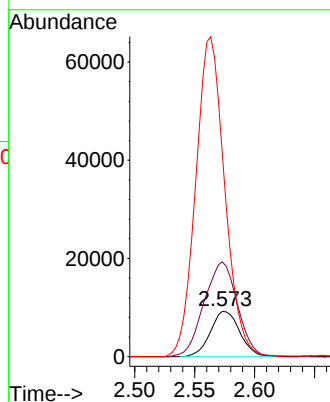
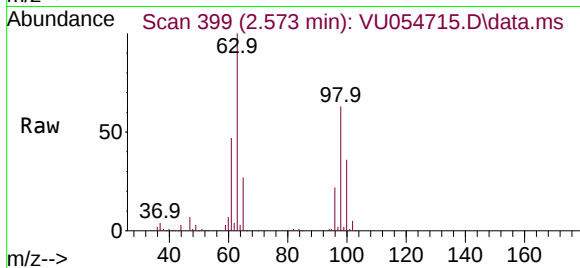
Tgt Ion: 96 Resp: 15709

Ion Ratio Lower Upper

96 100

61 209.5 119.9 222.7

63 449.0 64.3 119.3#



#29

1,1,1-Trichloroethane

Concen: 0.138 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.006 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

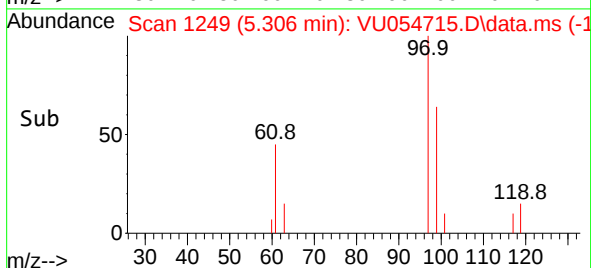
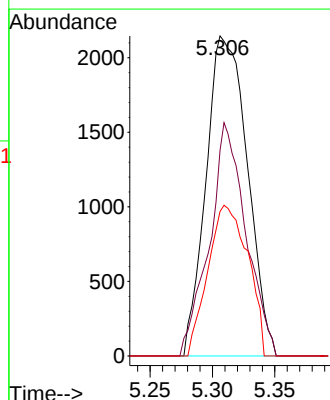
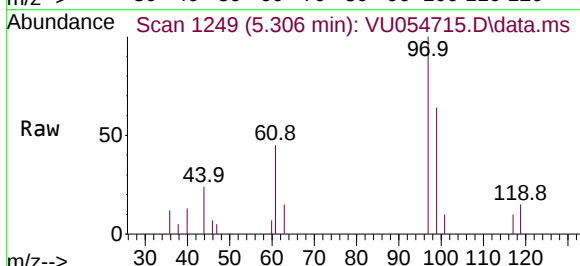
Tgt Ion: 97 Resp: 4946

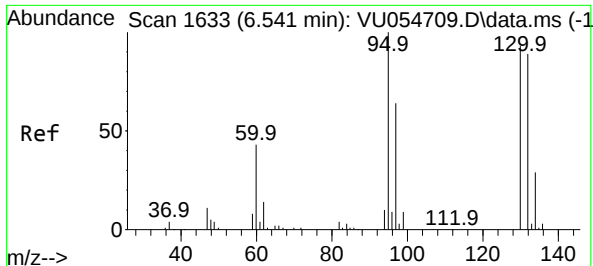
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 45.6 36.1 54.1

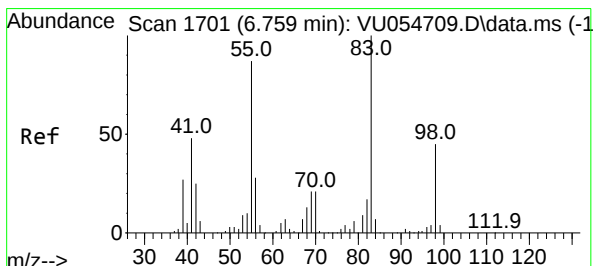
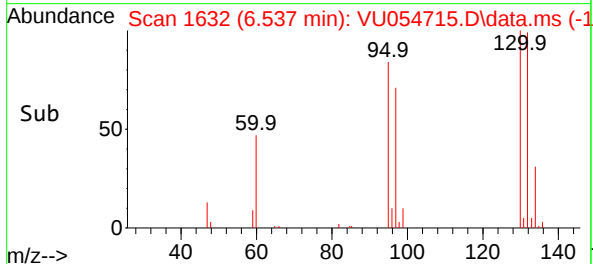
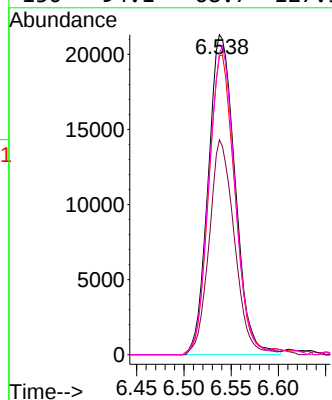
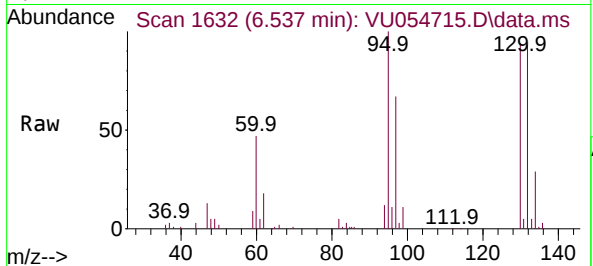




#34
Trichloroethene
Concen: 1.670 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

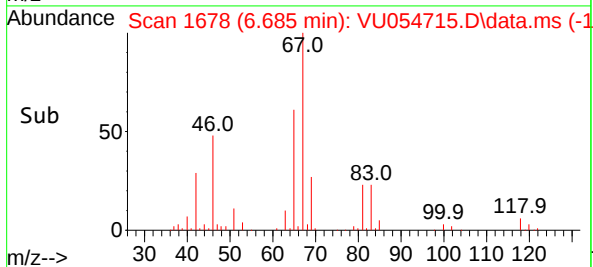
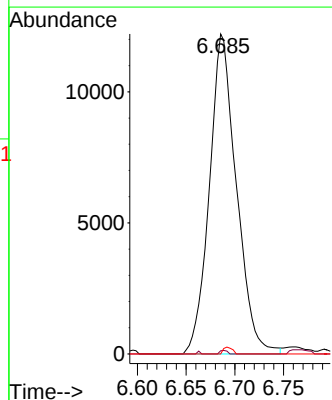
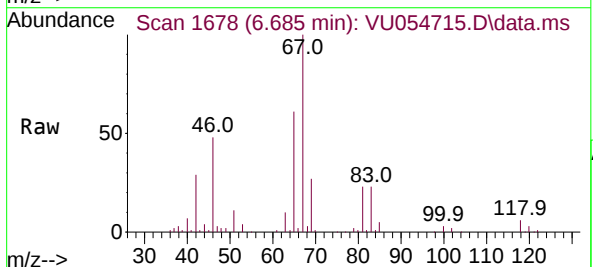
Instrument :
MSVOA_U
ClientSampleId :
HOA44DL

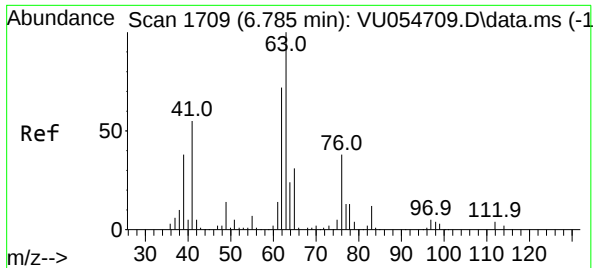
Tgt Ion: 95 Resp: 42016
Ion Ratio Lower Upper
95 100
97 67.1 46.8 87.0
132 93.4 68.4 127.0
130 94.1 68.7 127.5



#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

Tgt Ion: 83 Resp: 23572
Ion Ratio Lower Upper
83 100
55 0.3 67.1 100.7#
98 0.7 35.1 52.7#

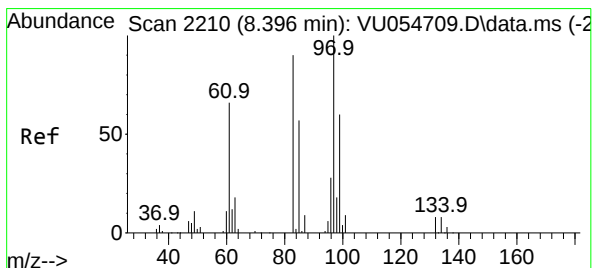
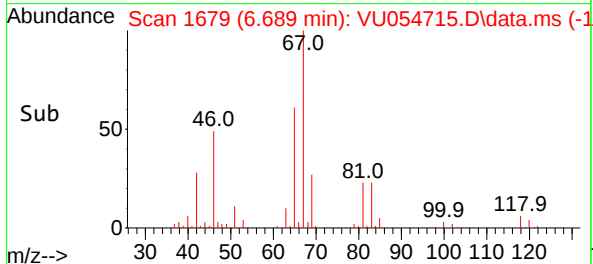
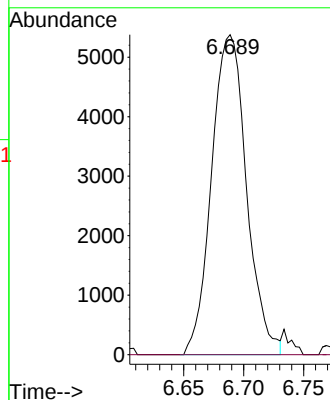
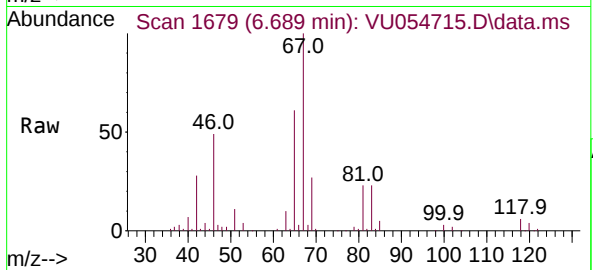




#37
1,2-Dichloropropane
Concen: 0.424 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

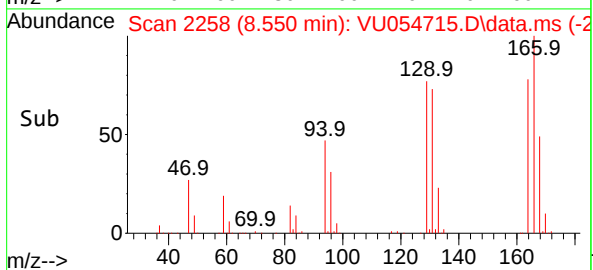
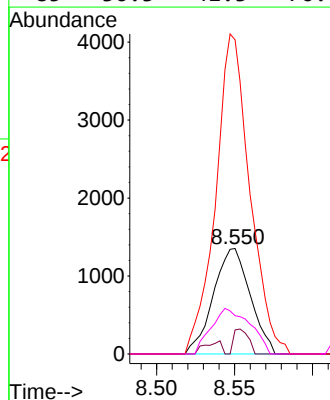
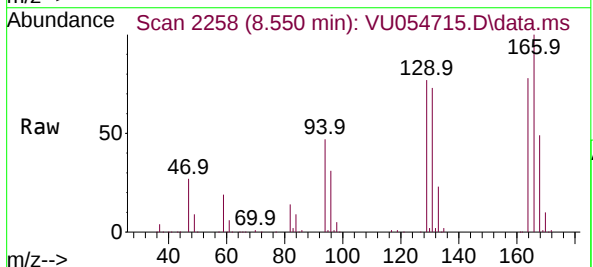
Instrument :
MSVOA_U
ClientSampleId :
HOA44DL

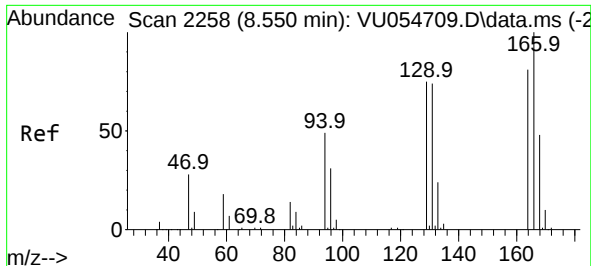
Tgt Ion: 63 Resp: 10920
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#45
1,1,2-Trichloroethane
Concen: 0.136 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.155 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

Tgt Ion: 97 Resp: 2222
Ion Ratio Lower Upper
97 100
99 22.8 43.0 80.0#
83 297.8 63.8 118.6#
85 36.3 41.3 76.7#

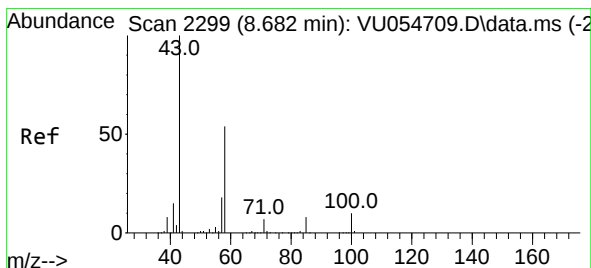
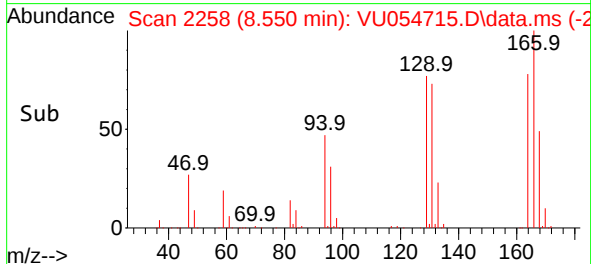
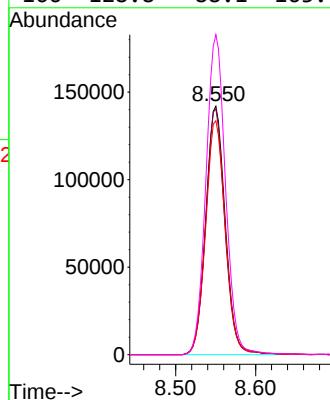
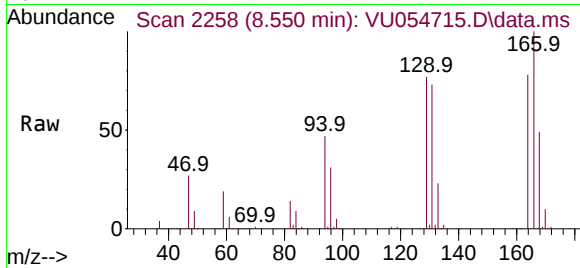




#47
Tetrachloroethene
Concen: 12.567 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

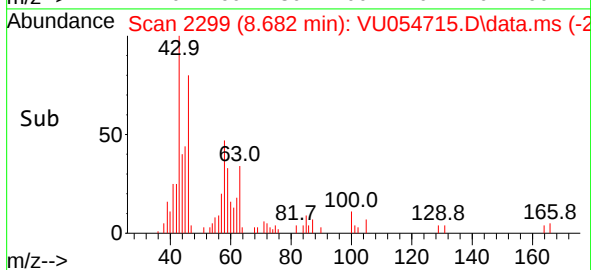
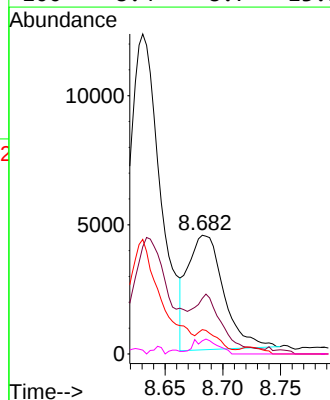
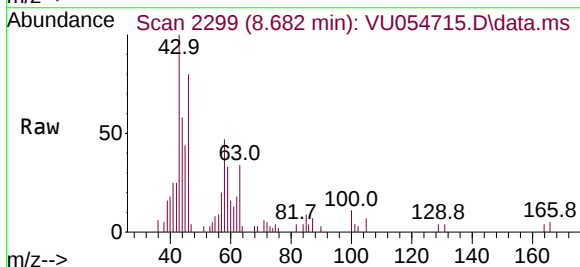
Instrument :
MSVOA_U
ClientSampleId :
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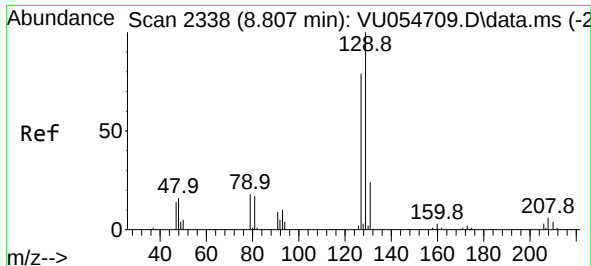
Tgt Ion:164 Resp: 242066
Ion Ratio Lower Upper
164 100
129 98.9 67.7 125.7
131 94.2 64.6 120.0
166 128.8 88.1 163.7



#48
2-Hexanone
Concen: 0.940 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054715.D
Acq: 30 Jun 2023 12:16

Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
58 33.9 45.2 67.8#
57 12.5 15.8 23.6#
100 8.4 8.7 13.1#





#49

Dibromochloromethane

Concen: 13.570 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

Instrument :

MSVOA_U

ClientSampleId :

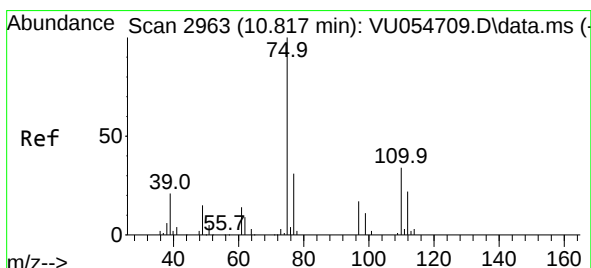
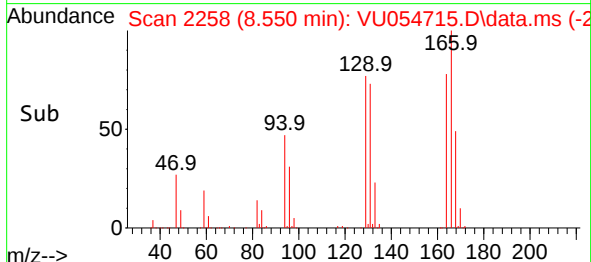
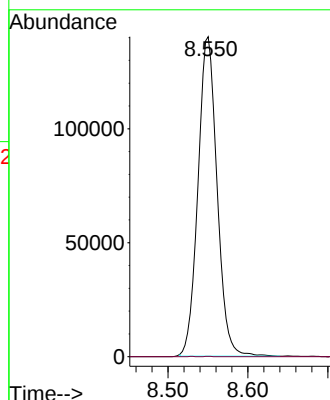
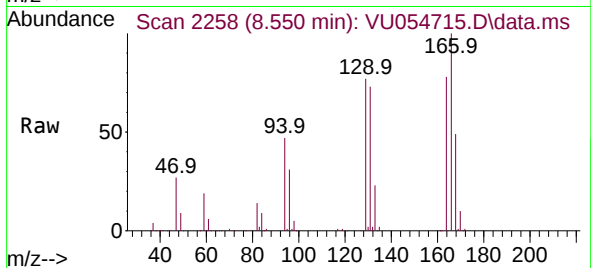
HOA44DL

Tgt Ion:129 Resp: 233234

Ion Ratio Lower Upper

129 100

127 0.1 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.325 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

Tgt Ion: 75 Resp: 15641

Ion Ratio Lower Upper

75 100

110 1.7 28.0 42.0#

77 31.5 25.4 38.2

