

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060408.D
 Acq On : 12 Aug 2024 16:21
 Operator : MD/SY
 Sample : P3540-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:25:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

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

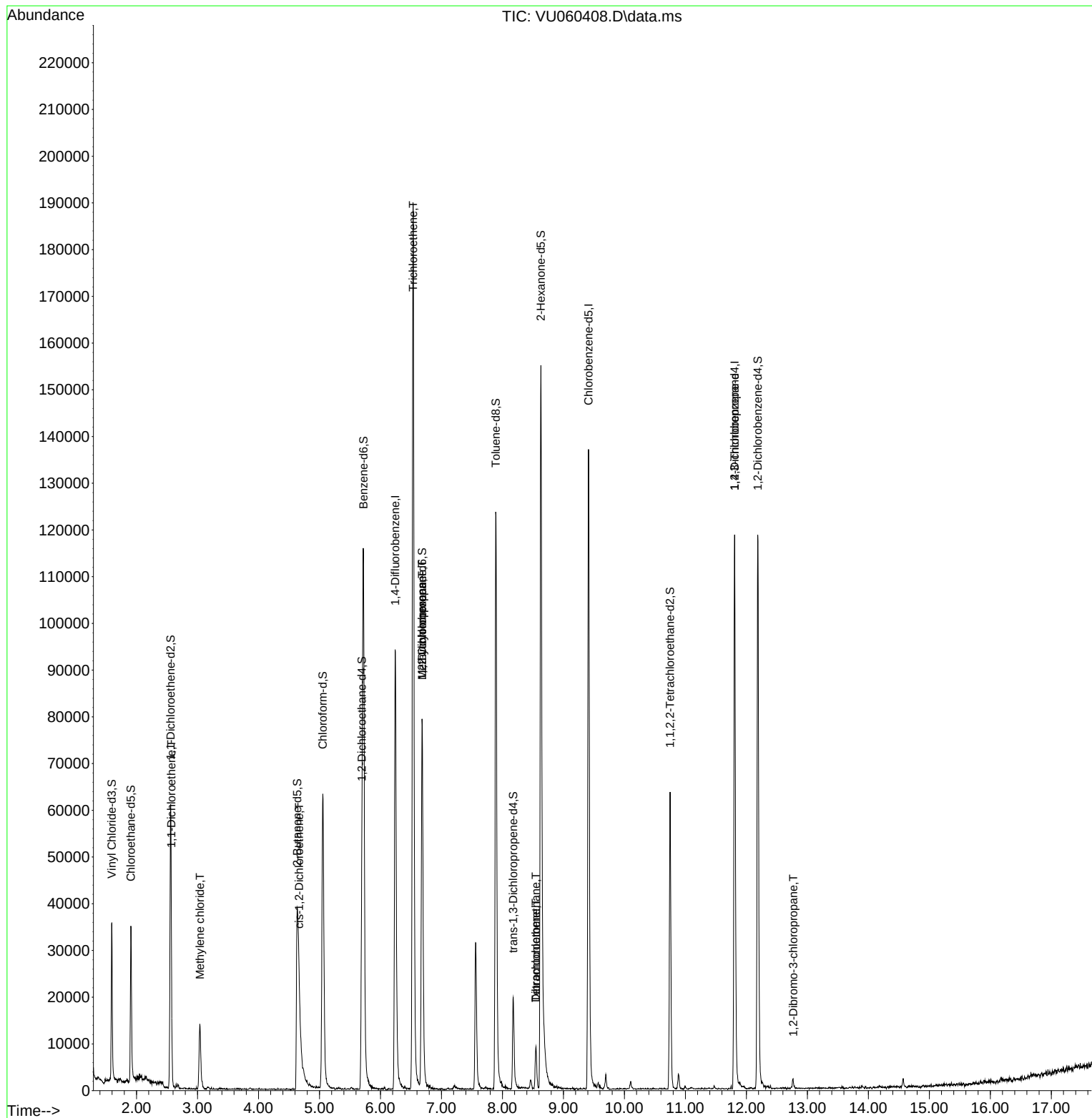
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78213	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23891	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	24859	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	10988	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.634	46	76696	58.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.720%
24) Chloroform-d	5.055	84	60741	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	31755	5.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.721	84	109630	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	39415	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	90075	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	11838	4.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.630	63	56431	50.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31987	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34122	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1135	0.220	ug/L #	1
16) Methylene chloride	3.039	84	7078	0.965	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	2567	0.420	ug/L	90
34) Trichloroethene	6.534	95	68267	10.844	ug/L	98
35) Methylcyclohexane	6.685	83	9311	1.133	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	4187	0.640	ug/L #	88
47) Tetrachloroethene	8.550	164	2446	0.497	ug/L	90
49) Dibromochloromethane	8.550	129	2198	0.412	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	4261	1.308	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.769	75	42	0.069	ug/L #	1

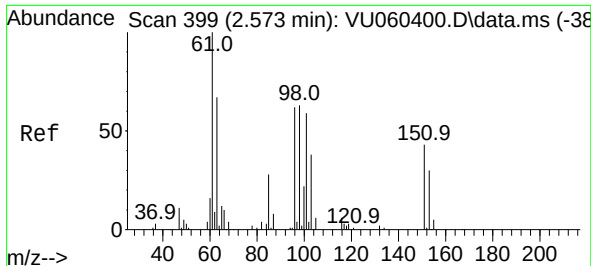
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.220 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

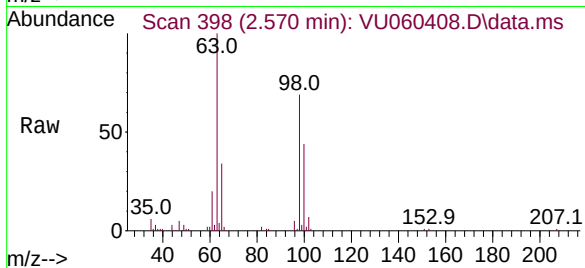
Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

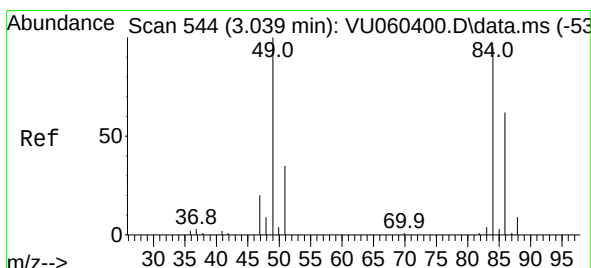
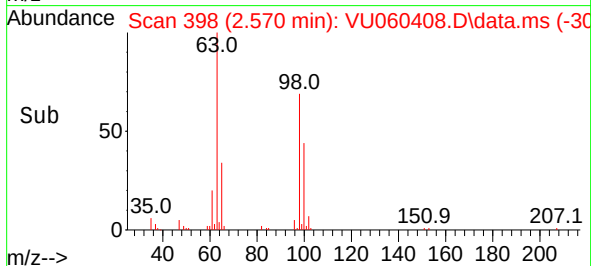
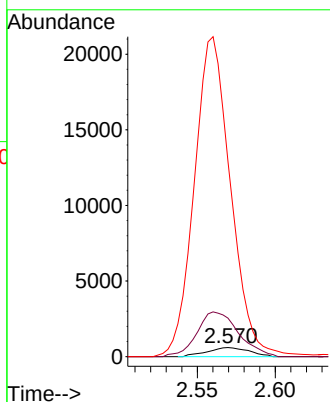
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1135
Ion	Ratio	Lower	Upper
96	100		
61	422.1	114.4	212.4#
63	2143.1	96.0	178.4#



#16

Methylene chloride

Concen: 0.965 ug/L

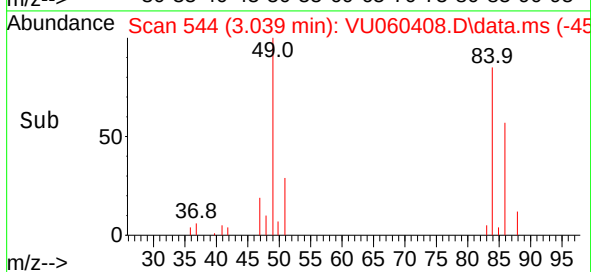
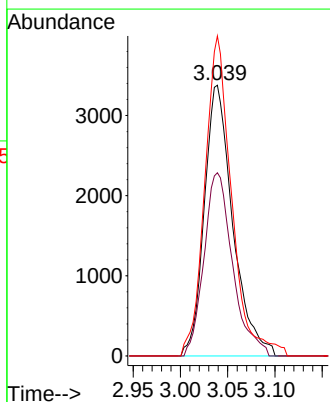
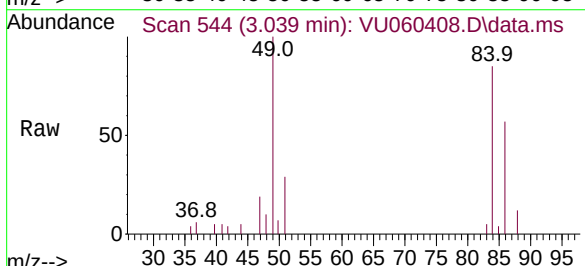
RT: 3.039 min Scan# 544

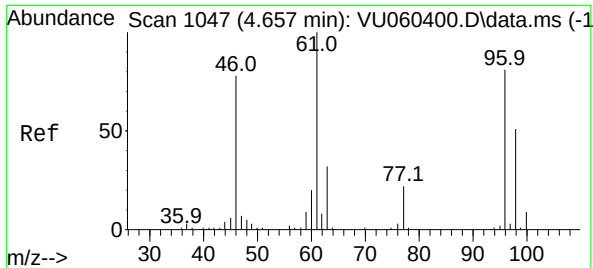
Delta R.T. -0.000 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Tgt Ion:	84	Resp:	7078
Ion	Ratio	Lower	Upper
84	100		
86	67.6	47.1	87.5
49	126.1	73.9	137.3





#22

cis-1,2-Dichloroethene

Concen: 0.420 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

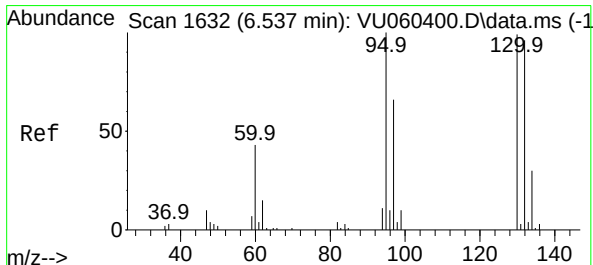
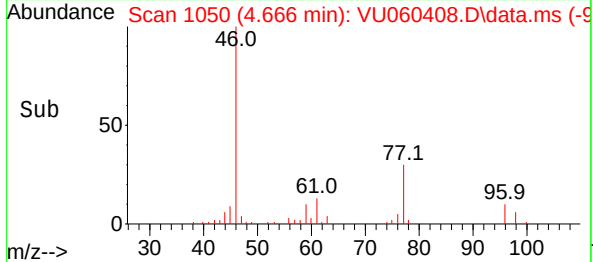
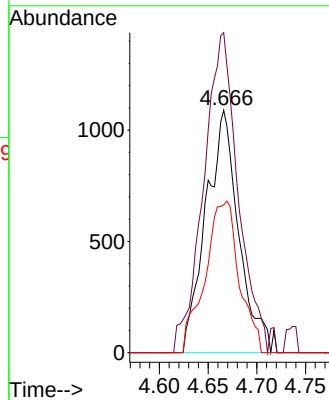
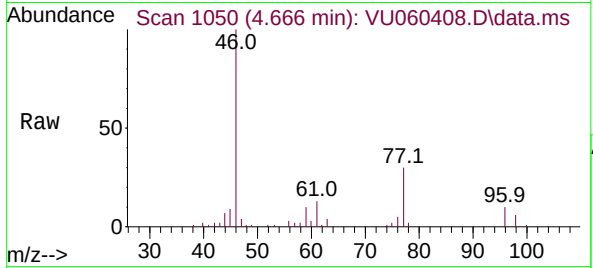
Tgt Ion: 96 Resp: 2567

Ion Ratio Lower Upper

96 100

61 132.0 81.5 151.5

98 61.0 43.5 80.7



#34

Trichloroethene

Concen: 10.844 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Tgt Ion: 95 Resp: 68267

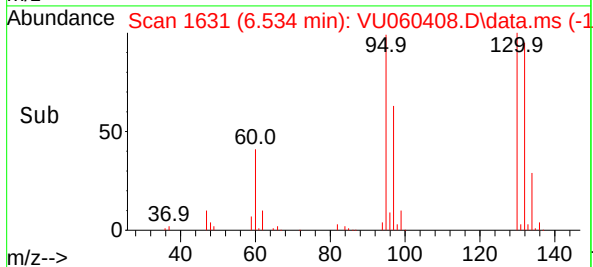
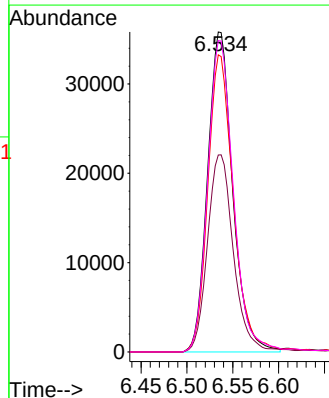
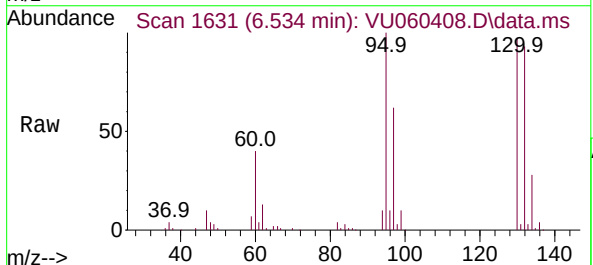
Ion Ratio Lower Upper

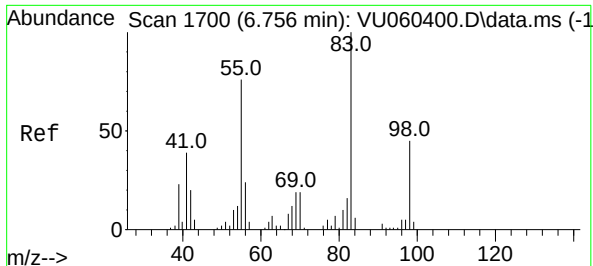
95 100

97 61.5 43.6 81.0

132 92.9 67.1 124.5

130 97.3 69.6 129.2





#35

Methylcyclohexane

Concen: 1.133 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

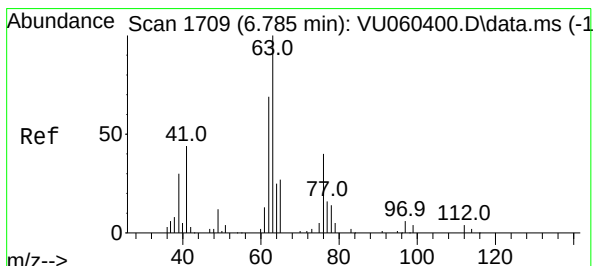
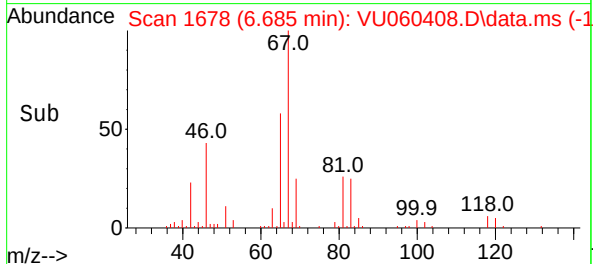
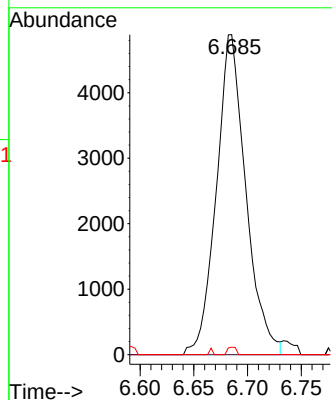
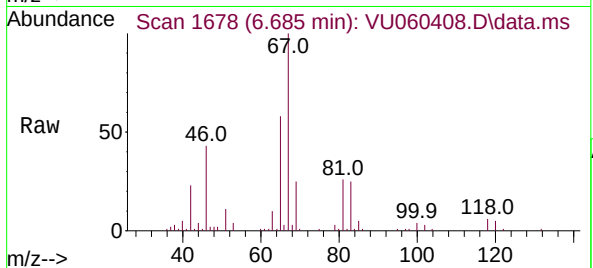
Tgt Ion: 83 Resp: 9311

Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 1.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU060408.D

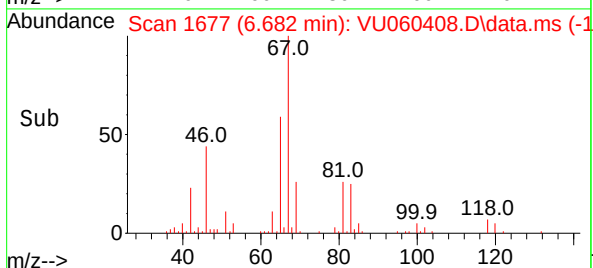
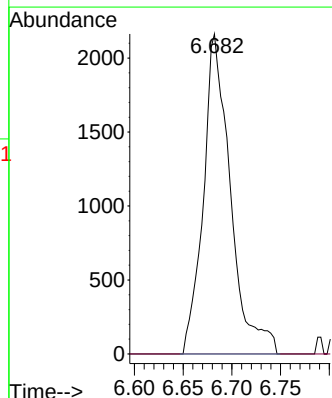
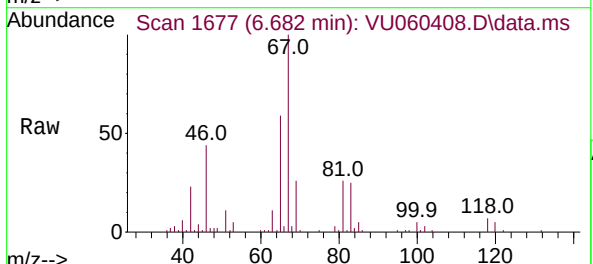
Acq: 12 Aug 2024 16:21

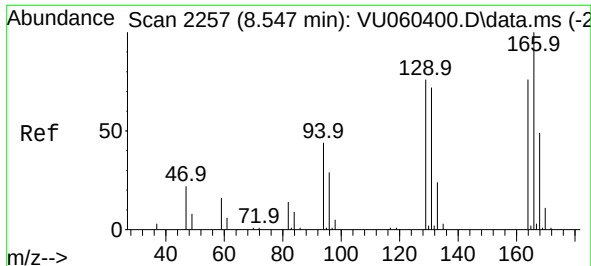
Tgt Ion: 63 Resp: 4187

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.497 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 2446

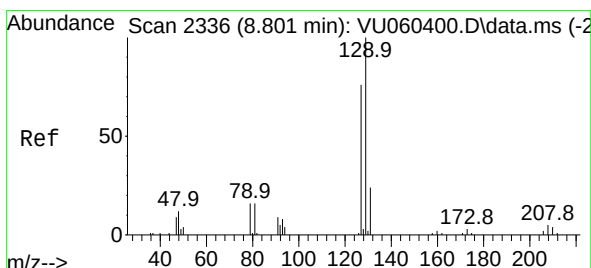
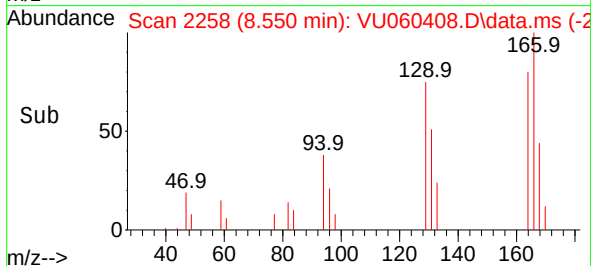
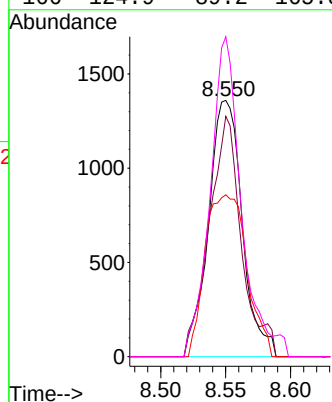
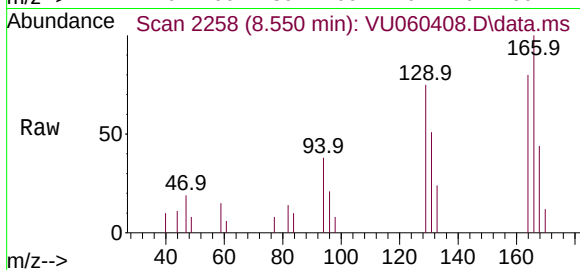
Ion Ratio Lower Upper

164 100

129 93.8 69.0 128.1

131 63.2 62.6 116.3

166 124.9 89.2 165.8



#49

Dibromochloromethane

Concen: 0.412 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.251 min

Lab File: VU060408.D

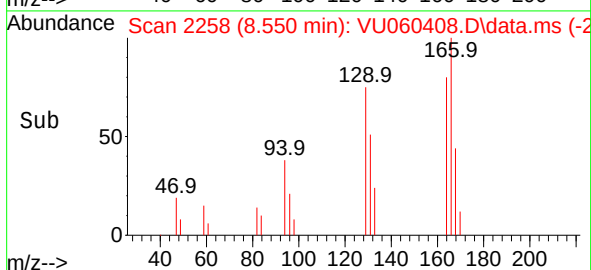
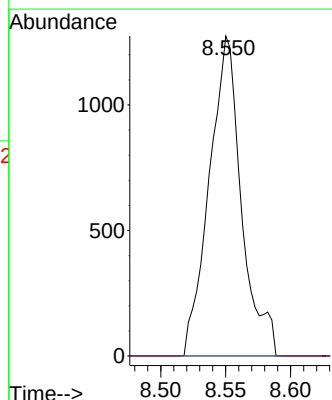
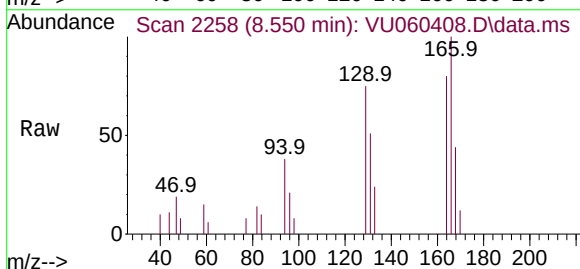
Acq: 12 Aug 2024 16:21

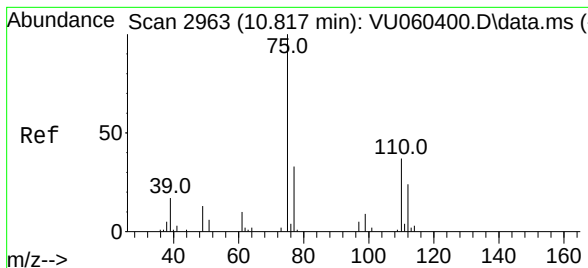
Tgt Ion:129 Resp: 2198

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.3#





#61

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

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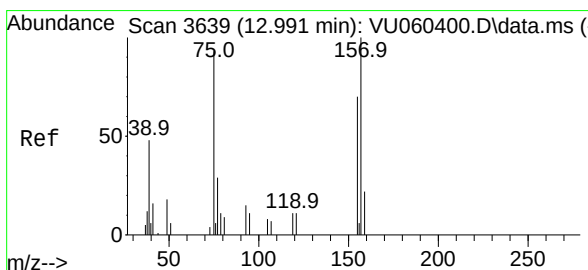
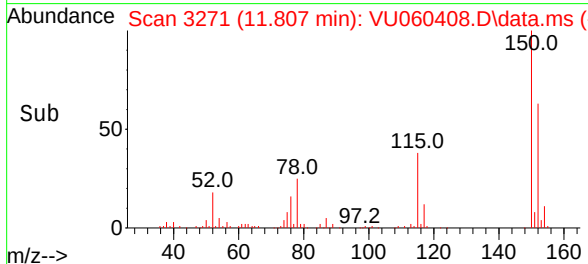
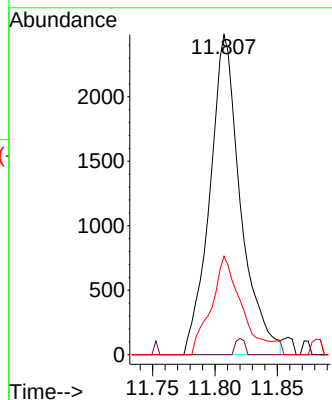
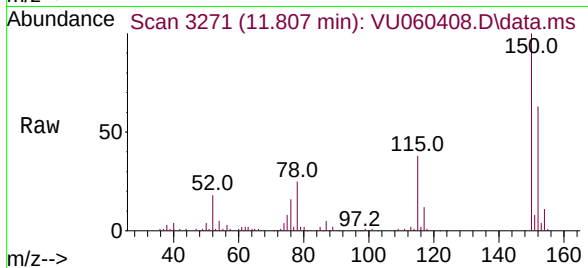
Tgt Ion: 75 Resp: 4261

Ion Ratio Lower Upper

75 100

110 1.5 29.9 44.9#

77 31.3 27.0 40.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.069 ug/L

RT: 12.769 min Scan# 3570

Delta R.T. -0.222 min

Lab File: VU060408.D

Acq: 12 Aug 2024 16:21

Tgt Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

