

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058651.D
 Acq On : 12 Apr 2024 14:03
 Operator : MD/SY
 Sample : P2035-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:05:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

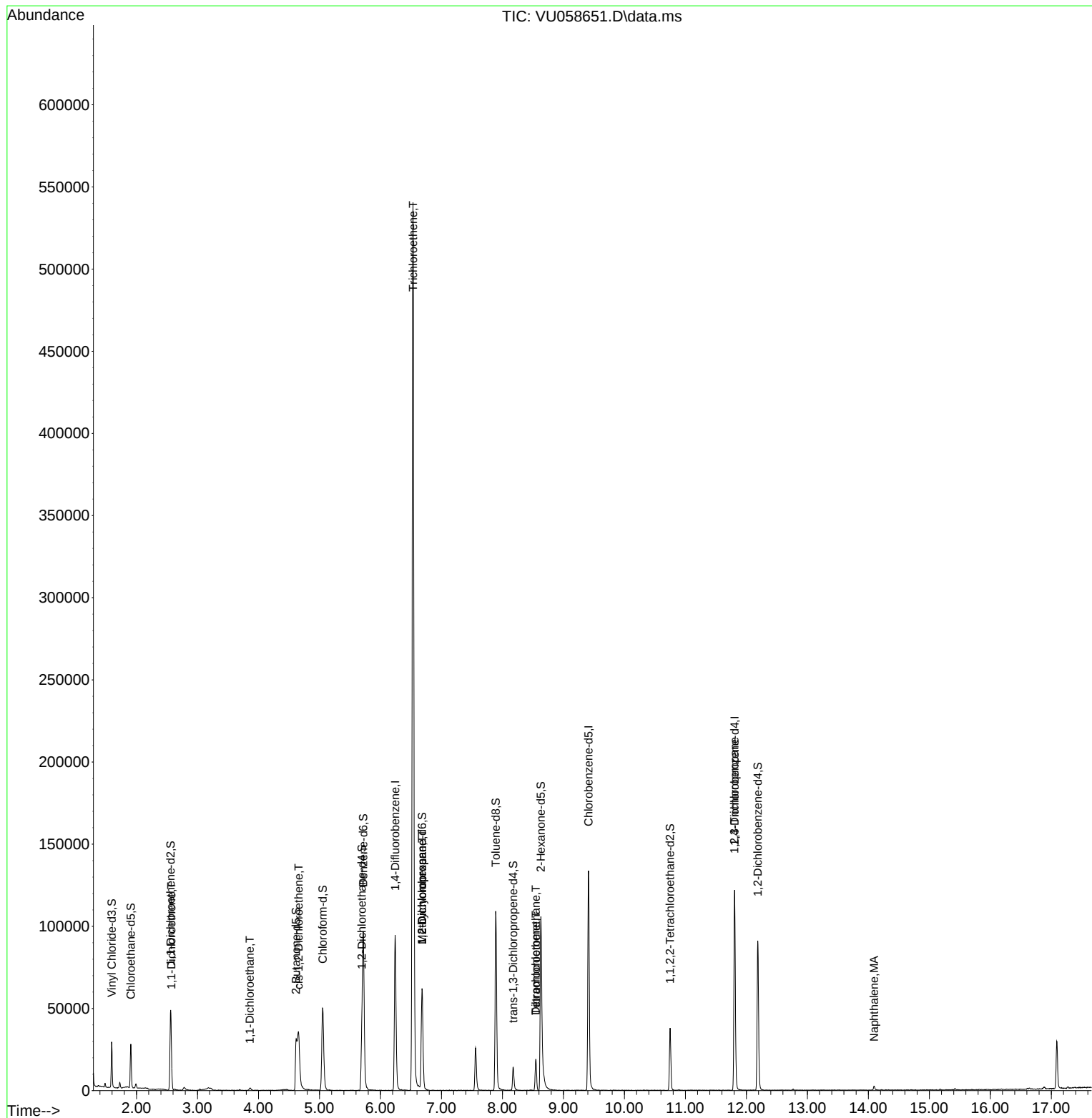
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72557	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18689	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	18609	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	9282	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.618	46	52595	51.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.900%
24) Chloroform-d	5.052	84	46396	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	22732	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.717	84	88275	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	29465	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	73320	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	8832	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.630	63	37518	49.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19522	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23476	4.408	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	1233	0.240	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	2233	0.190	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	14157	2.339	ug/L	91
34) Trichloroethene	6.534	95	182729	28.240	ug/L	98
35) Methylcyclohexane	6.682	83	6351	0.651	ug/L #	28
37) 1,2-Dichloropropane	6.682	63	3322	0.492	ug/L #	90
47) Tetrachloroethene	8.550	164	4121	0.869	ug/L	98
49) Dibromochloromethane	8.550	129	3885	0.852	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4402	1.364	ug/L #	69
71) Naphthalene	14.093	128	2835	0.323	ug/L #	95

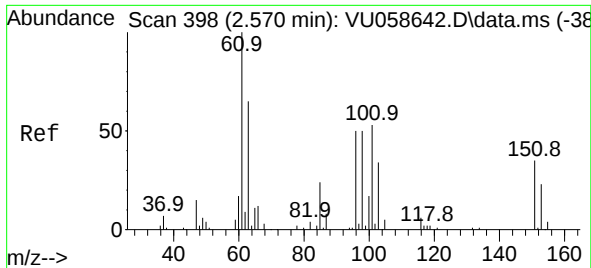
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.240 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_U

ClientSampleId :

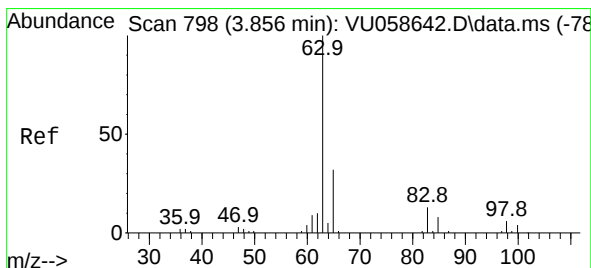
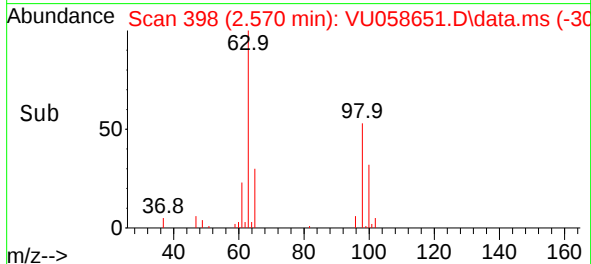
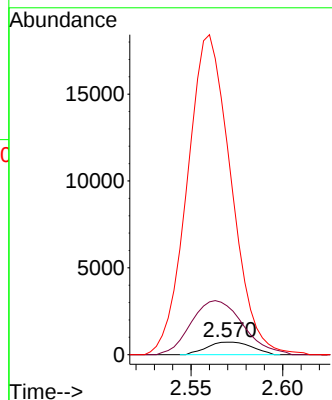
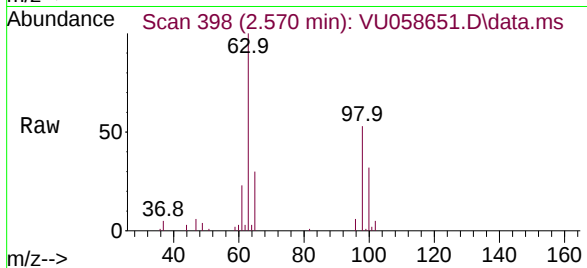
Tgt Ion: 96 Resp: 1233

Ion Ratio Lower Upper

96 100

61 389.2 132.5 246.1#

63 1681.2 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 0.190 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

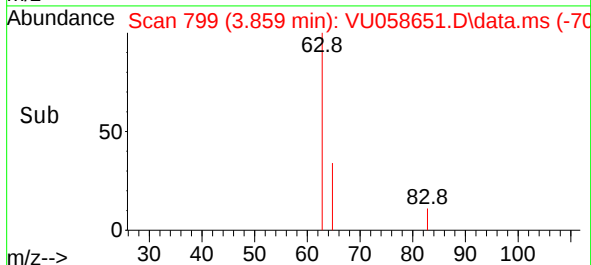
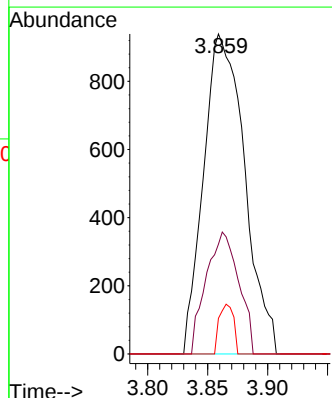
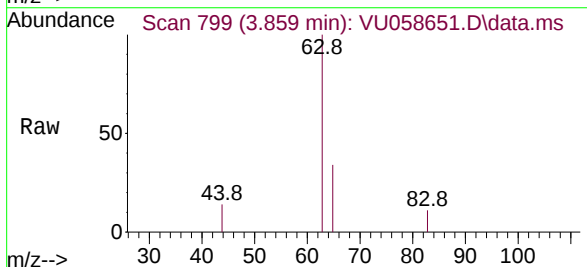
Tgt Ion: 63 Resp: 2233

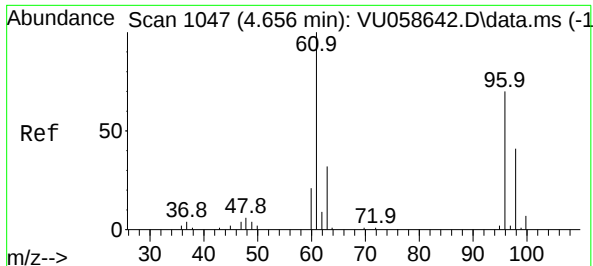
Ion Ratio Lower Upper

63 100

65 34.3 22.9 42.5

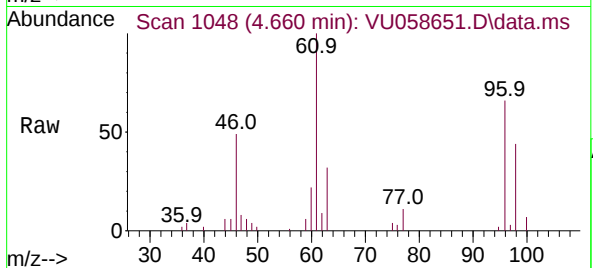
83 11.2 9.6 17.8



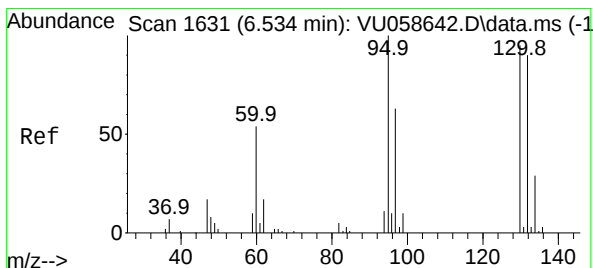
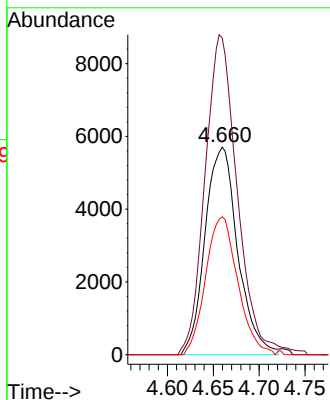
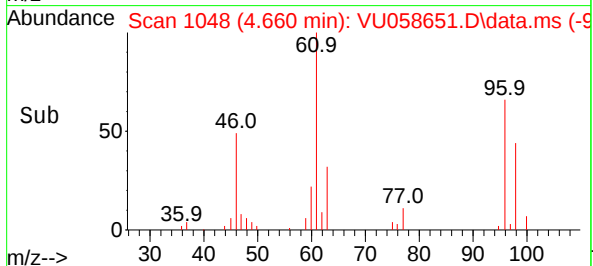


#22
cis-1,2-Dichloroethene
Concen: 2.339 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058651.D
Acq: 12 Apr 2024 14:03

Instrument :
MSVOA_U
ClientSampleId :

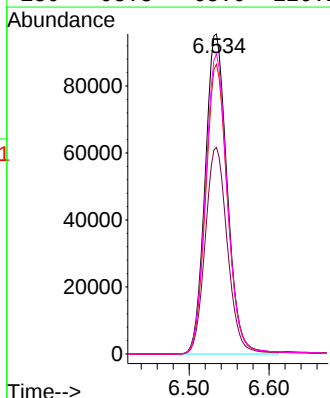
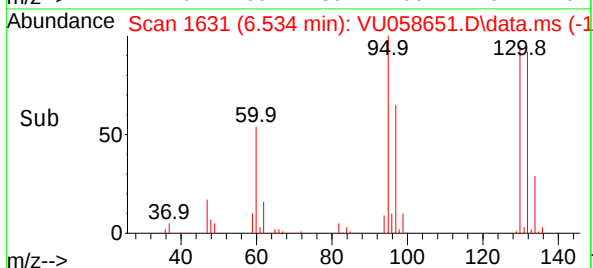
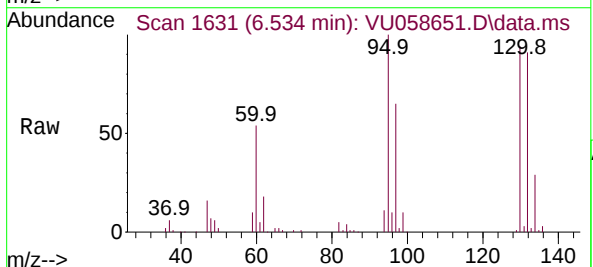


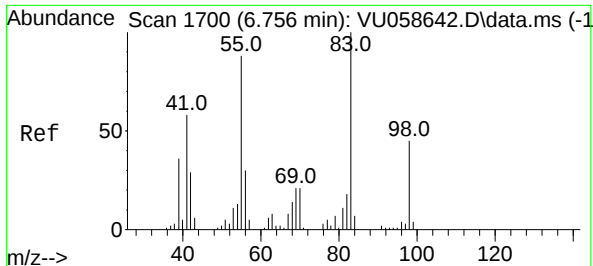
Tgt Ion: 96 Resp: 14157
Ion Ratio Lower Upper
96 100
61 152.6 98.1 182.3
98 66.4 43.6 81.0



#34
Trichloroethene
Concen: 28.240 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058651.D
Acq: 12 Apr 2024 14:03

Tgt Ion: 95 Resp: 182729
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.6
132 90.6 64.8 120.3
130 93.8 68.0 126.2





#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_U

ClientSampleId :

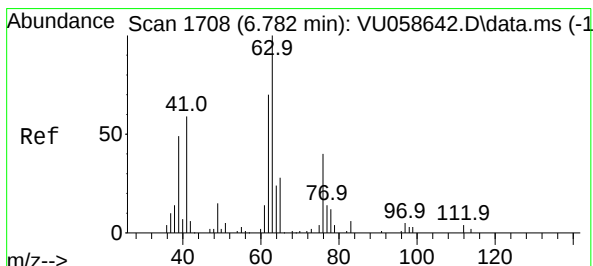
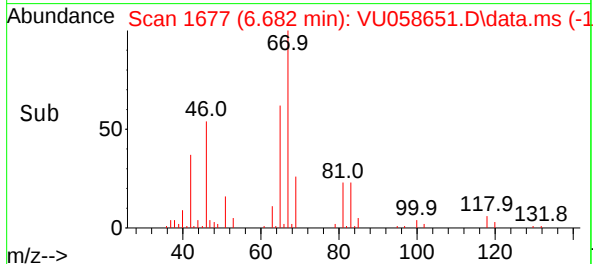
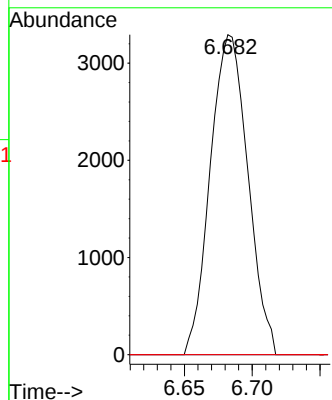
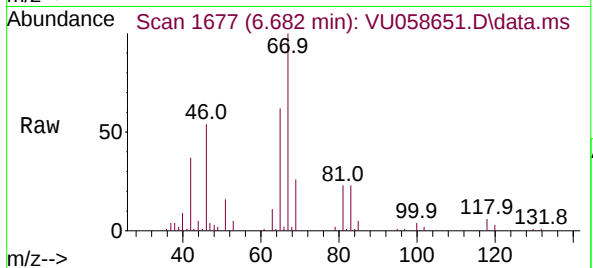
Tgt Ion: 83 Resp: 6351

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 21.4 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058651.D

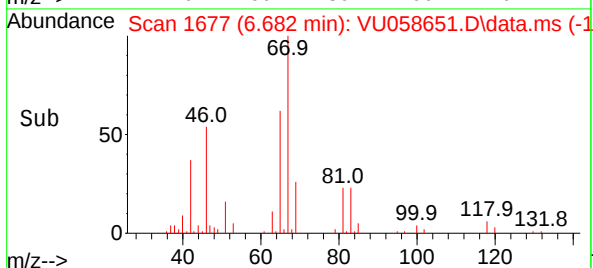
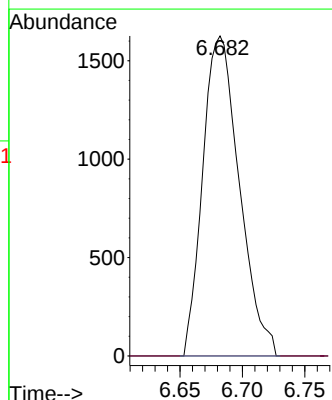
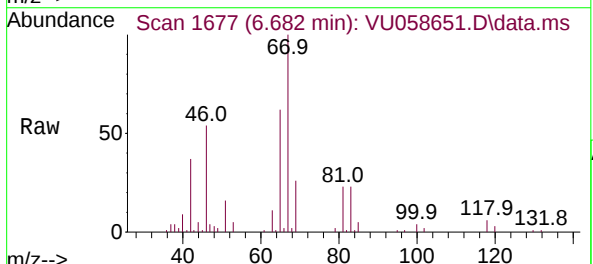
Acq: 12 Apr 2024 14:03

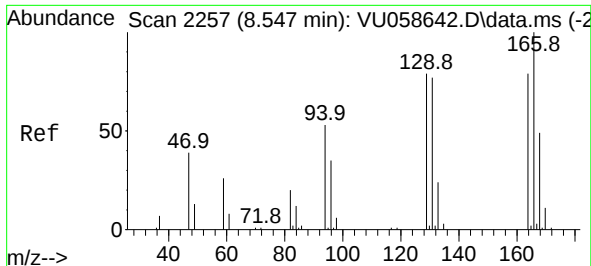
Tgt Ion: 63 Resp: 3322

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 0.869 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

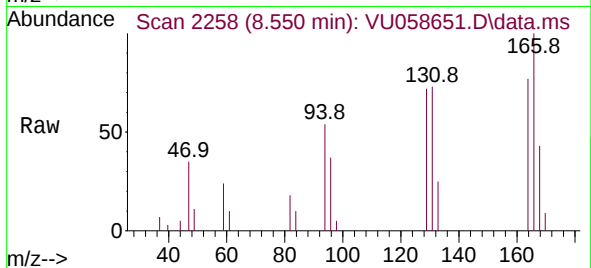
Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4121

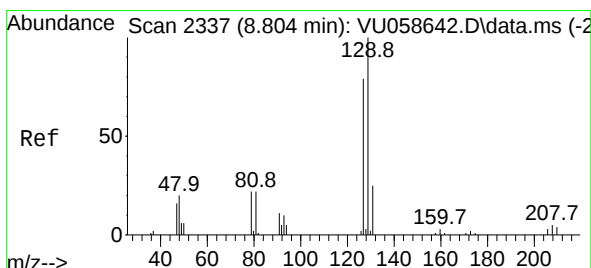
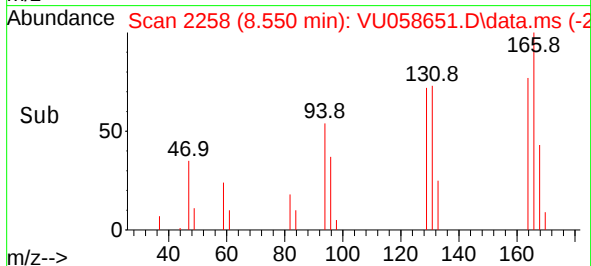
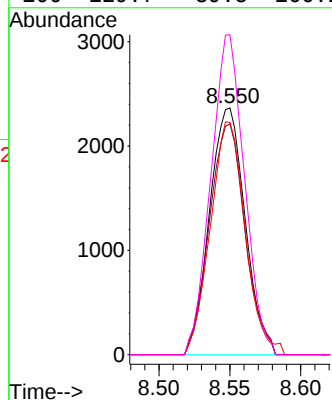
Ion Ratio Lower Upper

164 100

129 93.5 67.3 125.1

131 94.2 65.5 121.6

166 129.7 89.5 166.1



#49

Dibromochloromethane

Concen: 0.852 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU058651.D

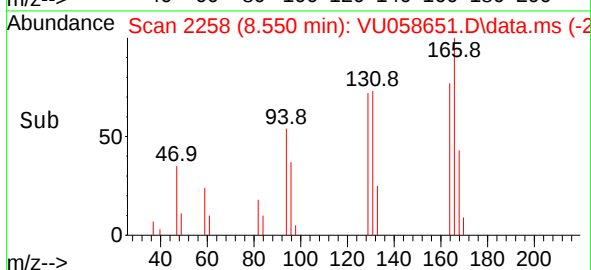
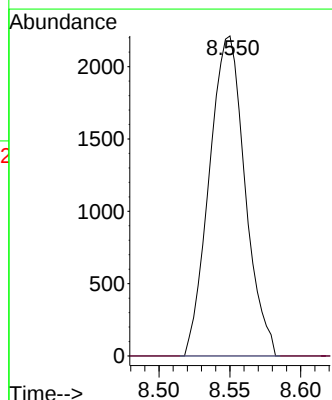
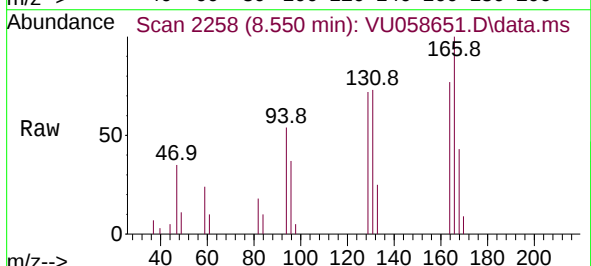
Acq: 12 Apr 2024 14:03

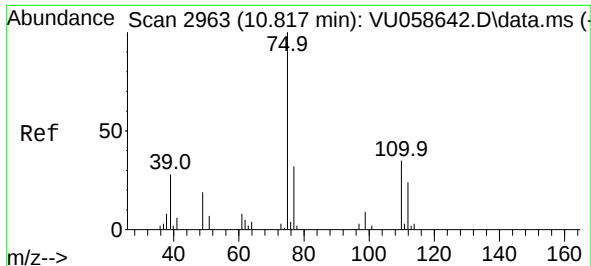
Tgt Ion:129 Resp: 3885

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.364 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

Instrument :

MSVOA_U

ClientSampleId :

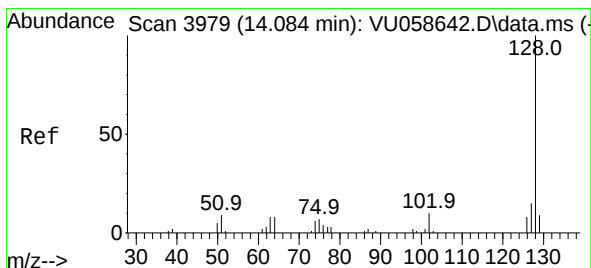
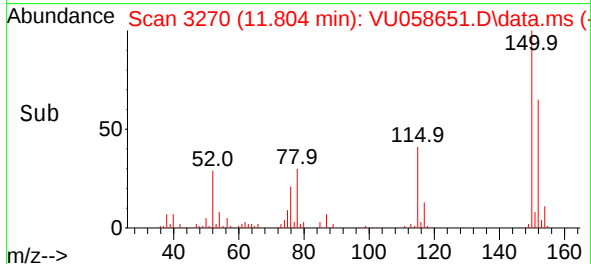
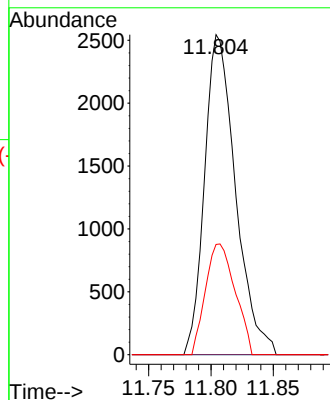
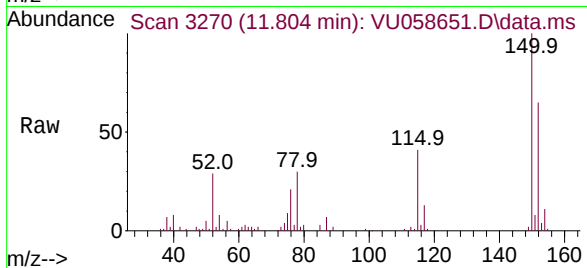
Tgt Ion: 75 Resp: 4402

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 33.0 25.1 37.7



#71

Naphthalene

Concen: 0.323 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.010 min

Lab File: VU058651.D

Acq: 12 Apr 2024 14:03

Tgt Ion: 128 Resp: 2835

Ion Ratio Lower Upper

128 100

129 10.1 8.6 13.0

127 10.6 11.0 16.6#

