

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061078.D
 Acq On : 02 Oct 2024 15:59
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

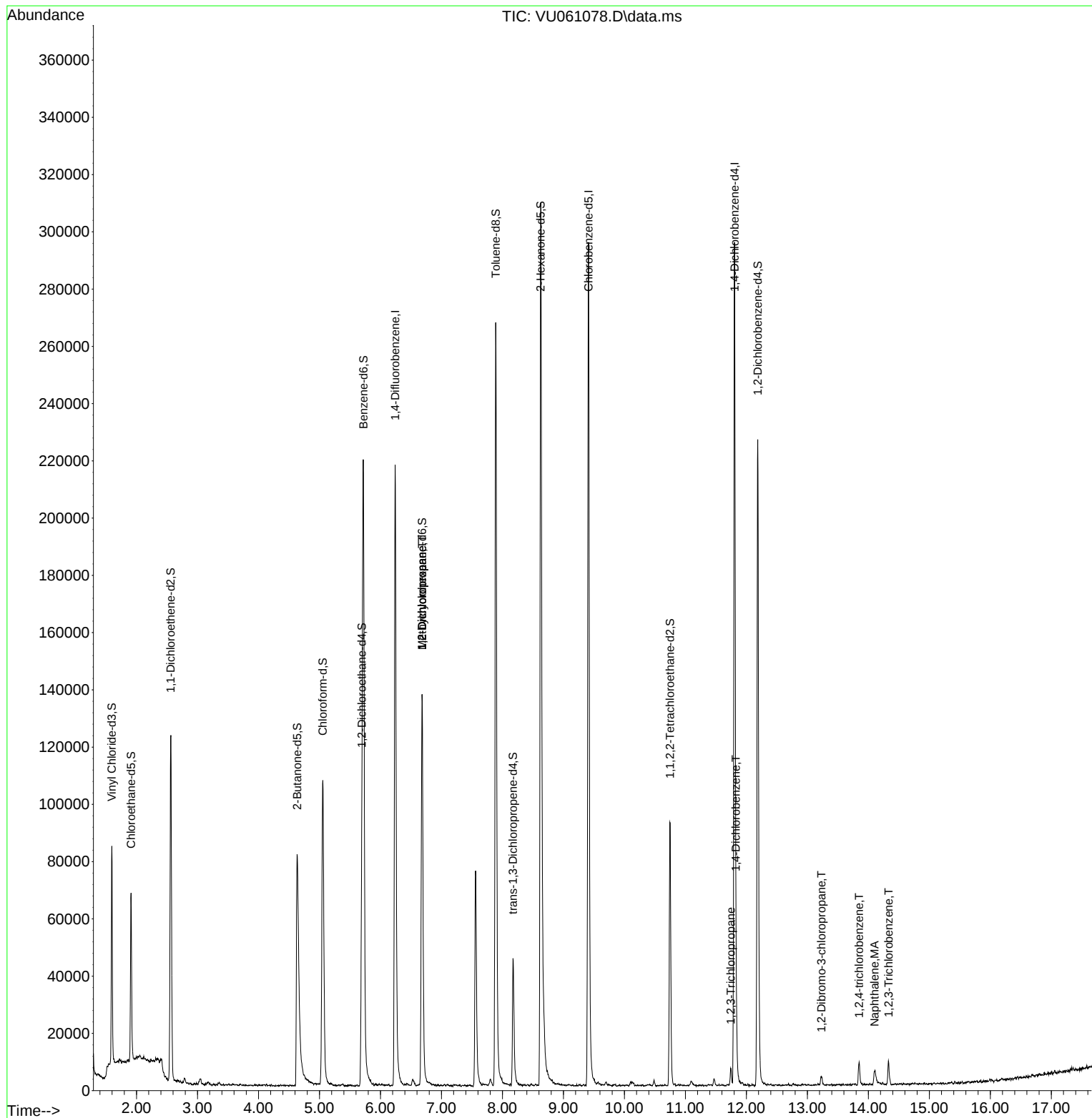
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177328	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53211	4.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.911	69	43720	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.560	65	23702	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.634	46	143733	47.330	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.660%
24) Chloroform-d	5.055	84	101587	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	56634	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	202064	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	67878	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	185206	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	27745	4.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	121637	47.944	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49132	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	59521	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds			Qvalue			
35) Methylcyclohexane	6.682	83	15337	0.718	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7562	0.588	ug/L #	93
61) 1,2,3-Trichloropropane	11.746	75	1005	0.135	ug/L #	67
65) 1,4-Dichlorobenzene	11.830	146	8141	0.380	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	13.228	75	176	0.109	ug/L #	1
70) 1,2,4-trichlorobenzene	13.849	180	3139	0.269	ug/L	96
71) Naphthalene	14.103	128	6982	0.366	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.331	180	2832	0.291	ug/L	99

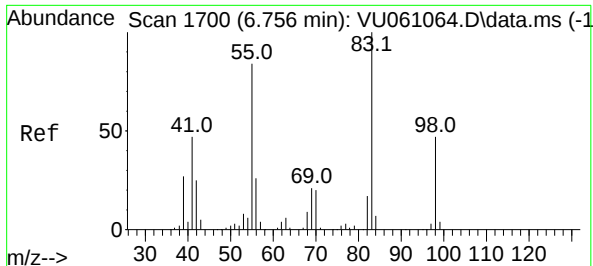
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

Instrument :

MSVOA_U

ClientSampleId :

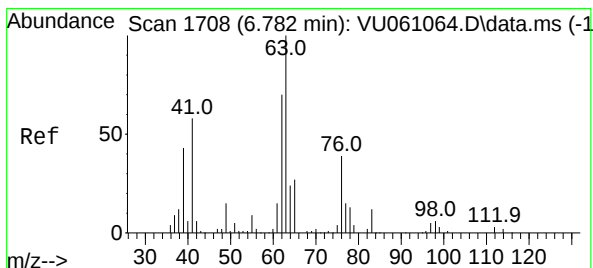
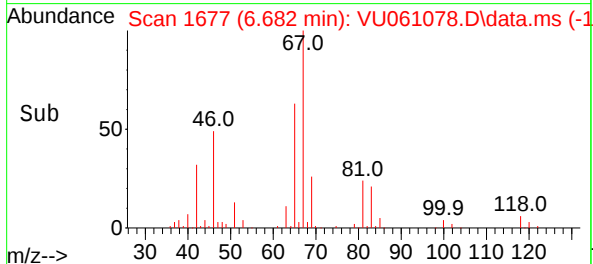
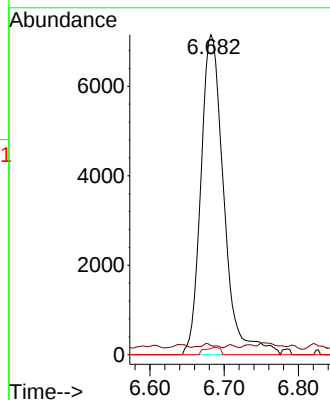
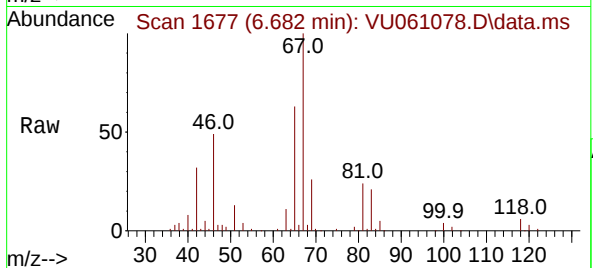
Tgt Ion: 83 Resp: 15337

Ion Ratio Lower Upper

83 100

55 1.1 62.6 94.0#

98 1.5 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061078.D

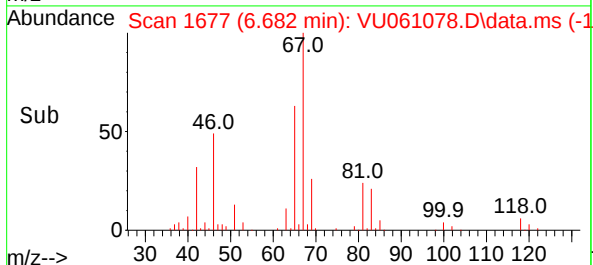
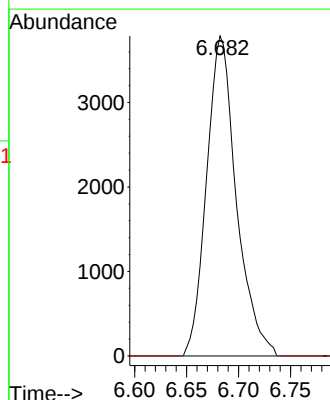
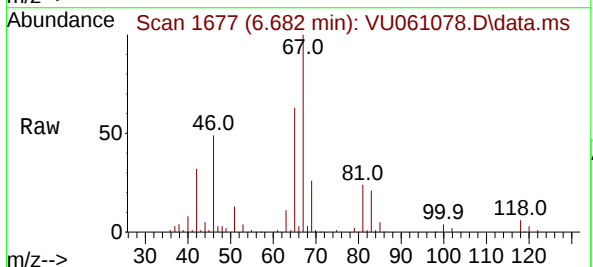
Acq: 02 Oct 2024 15:59

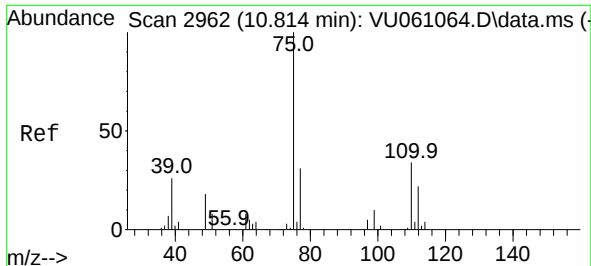
Tgt Ion: 63 Resp: 7562

Ion Ratio Lower Upper

63 100

112 0.0 2.0 3.0#





#61

1,2,3-Trichloropropane

Concen: 0.135 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.932 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

Instrument :

MSVOA_U

ClientSampleId :

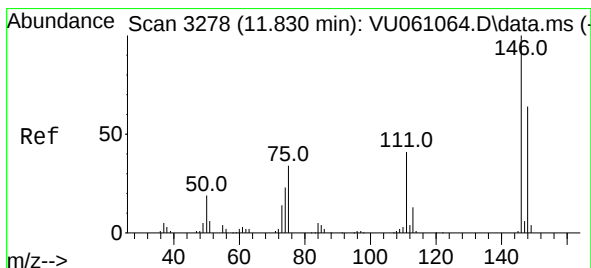
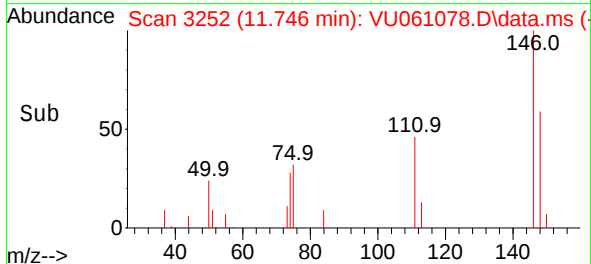
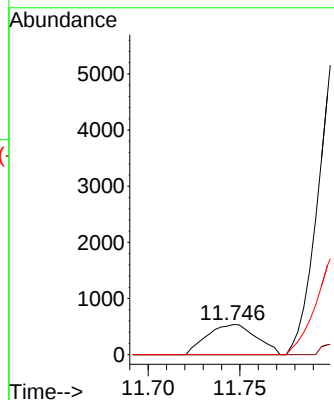
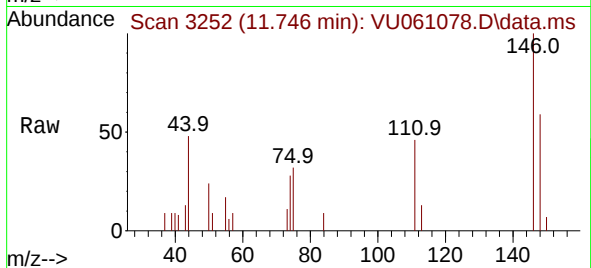
Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 31.6 26.3 39.5



#65

1,4-Dichlorobenzene

Concen: 0.380 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

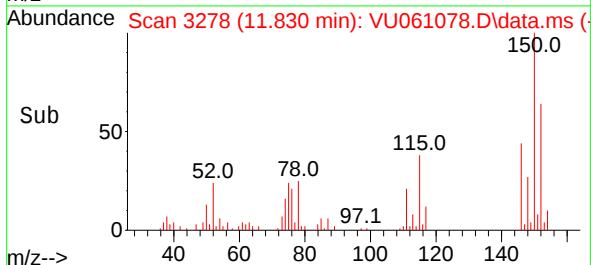
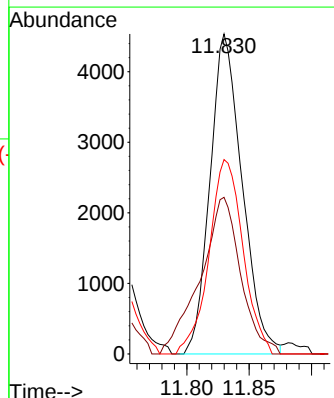
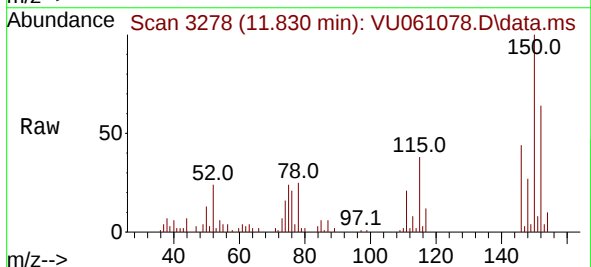
Tgt Ion:146 Resp: 8141

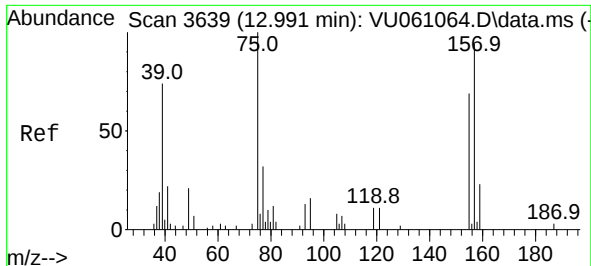
Ion Ratio Lower Upper

146 100

111 48.9 26.3 48.9#

148 60.7 45.3 84.1





#68

1,2-Dibromo-3-chloropropane

Concen: 0.109 ug/L

RT: 13.228 min Scan# 3713

Delta R.T. 0.238 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

Instrument :

MSVOA_U

ClientSampleId :

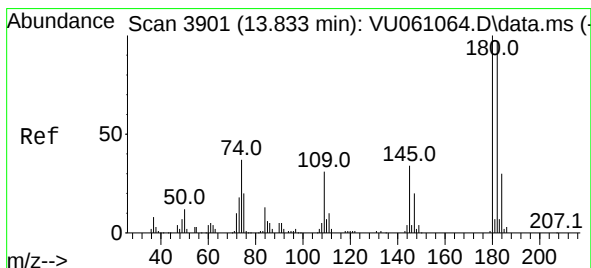
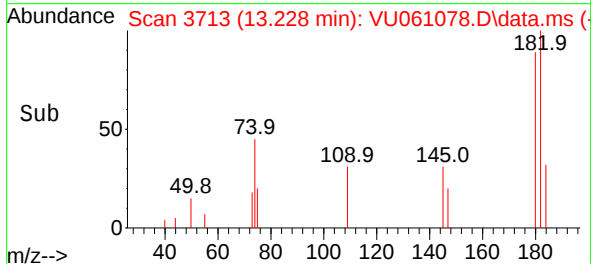
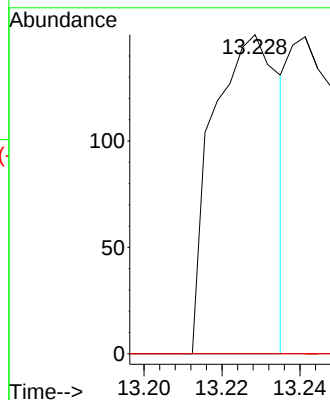
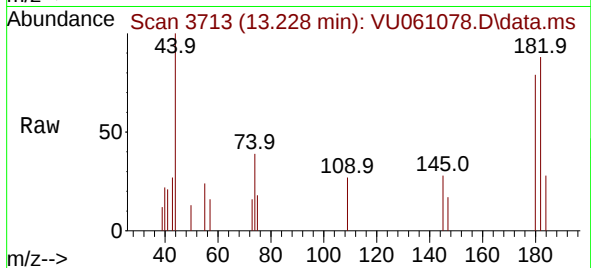
Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

75 100

155 0.0 73.1 109.7#

157 0.0 91.0 136.4#



#70

1,2,4-trichlorobenzene

Concen: 0.269 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

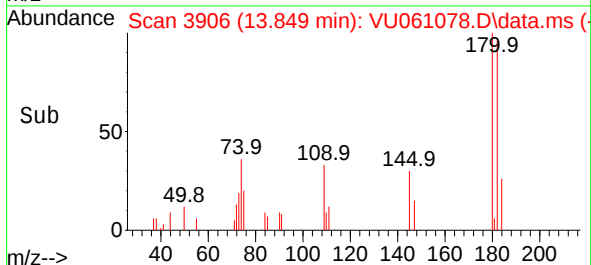
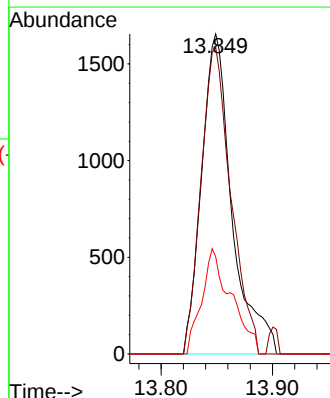
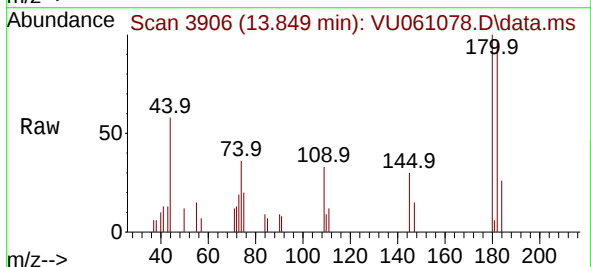
Tgt Ion:180 Resp: 3139

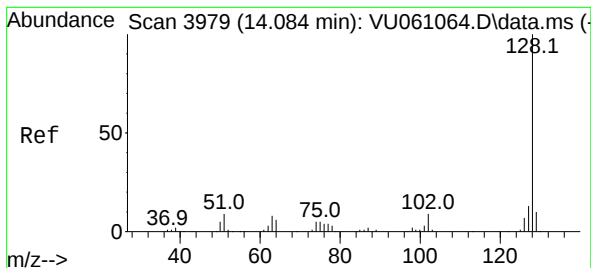
Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.2

145 31.8 22.9 34.3





#71

Naphthalene

Concen: 0.366 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.019 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

Instrument :

MSVOA_U

ClientSampleId :

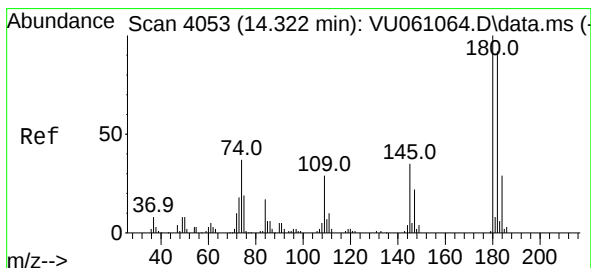
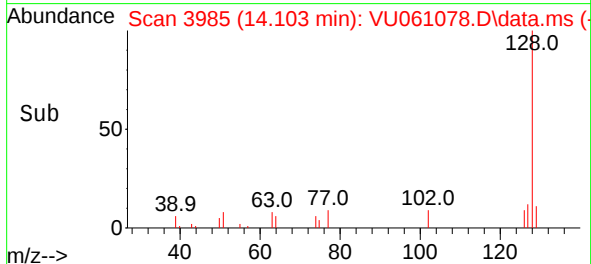
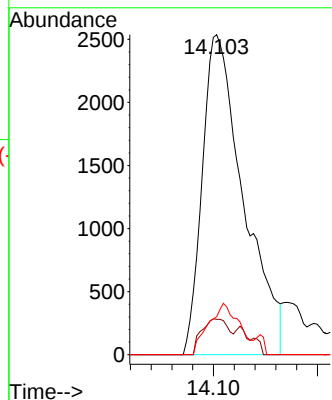
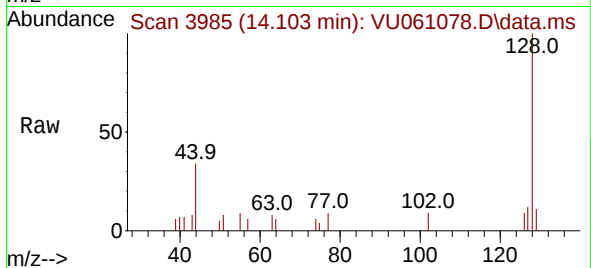
Tgt Ion:128 Resp: 6982

Ion Ratio Lower Upper

128 100

129 7.5 8.3 12.5#

127 12.1 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 0.291 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.009 min

Lab File: VU061078.D

Acq: 02 Oct 2024 15:59

Tgt Ion:180 Resp: 2832

Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

145 31.1 23.5 35.3

