

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061068.D
 Acq On : 02 Oct 2024 12:00
 Operator : MD/SY
 Sample : P4227-03DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:28:29 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)

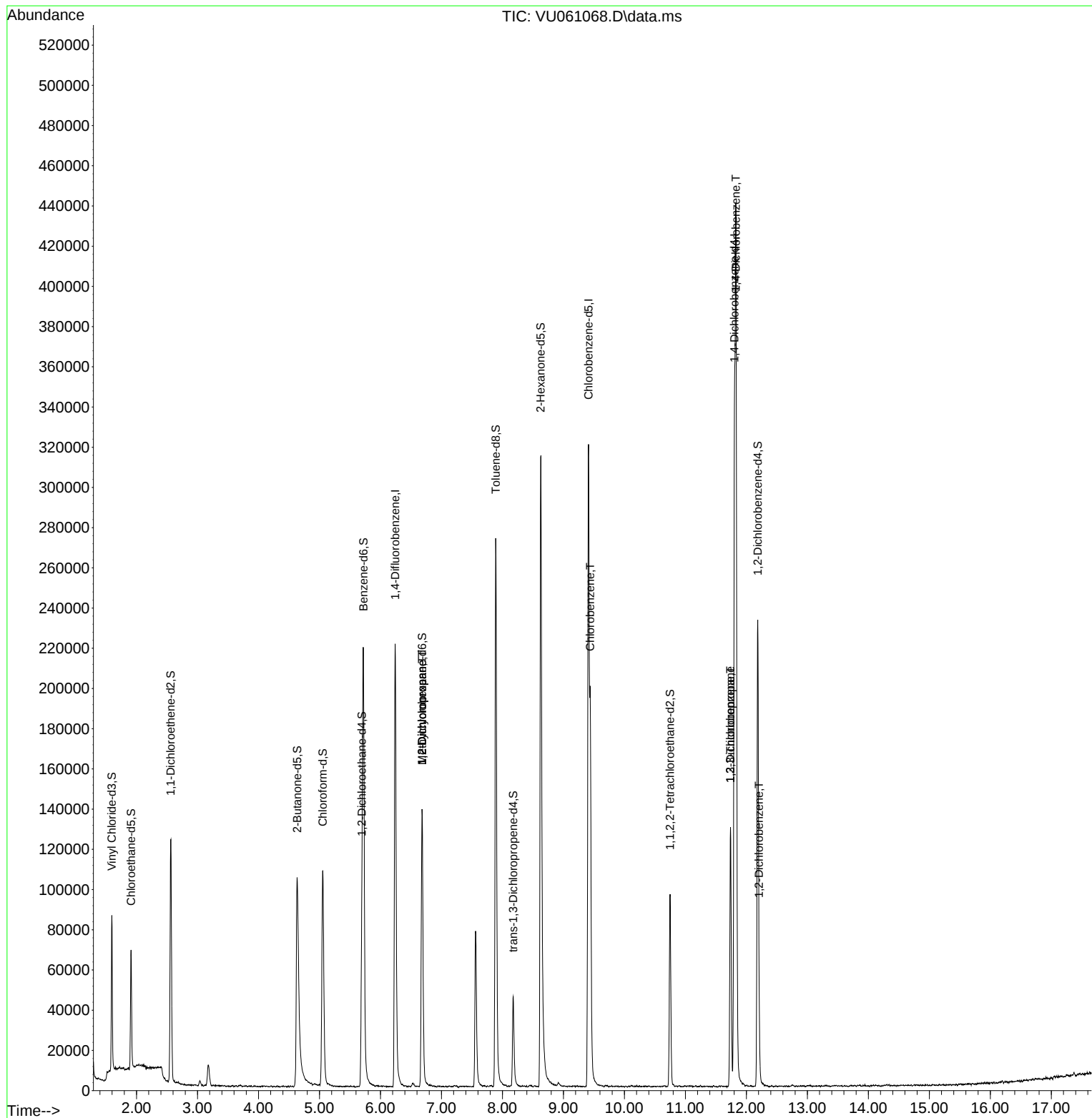
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182734	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53038	4.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.911	69	42344	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	24067	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.634	46	149898	47.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	5.052	84	101380	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	55654	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	203654	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	69536	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	187142	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	27357	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	122705	47.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50238	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	58474	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	15509	0.707	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7320	0.555	ug/L #	93
51) Chlorobenzene	9.441	112	95307	2.933	ug/L	93
61) 1,2,3-Trichloropropane	11.740	75	18672	2.366	ug/L #	49
64) 1,3-Dichlorobenzene	11.740	146	49737	2.159	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	153869	6.758	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	5299	0.249	ug/L #	88

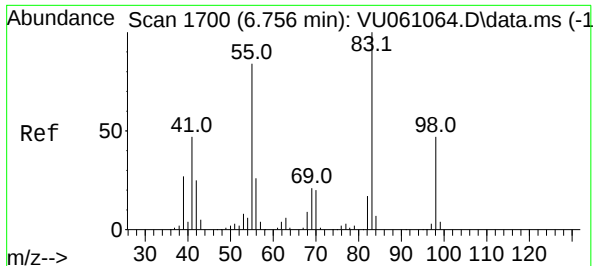
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061068.D

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MSVOA_U

ClientSampleId :

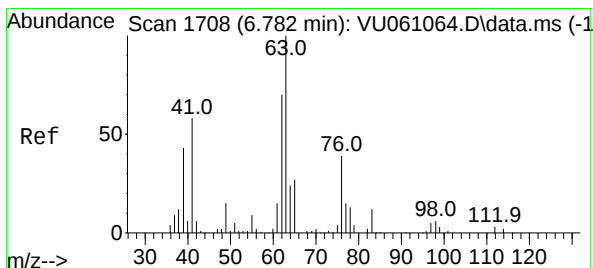
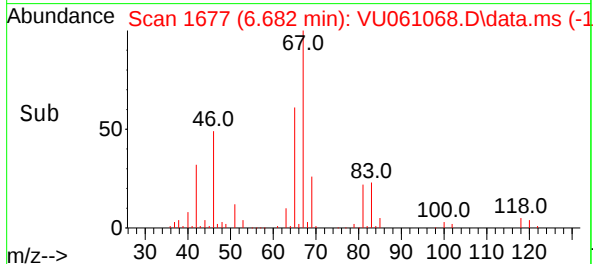
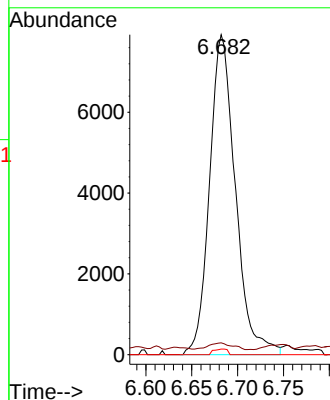
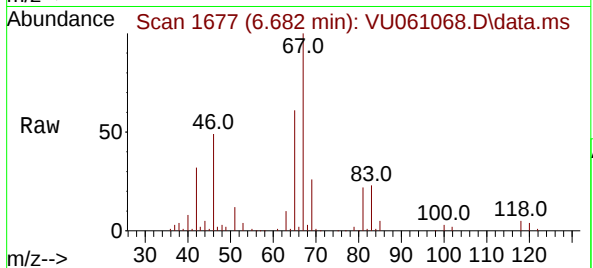
Tgt Ion: 83 Resp: 15509

Ion Ratio Lower Upper

83 100

55 1.9 62.6 94.0#

98 0.9 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061068.D

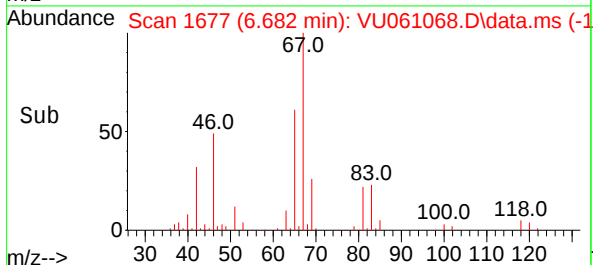
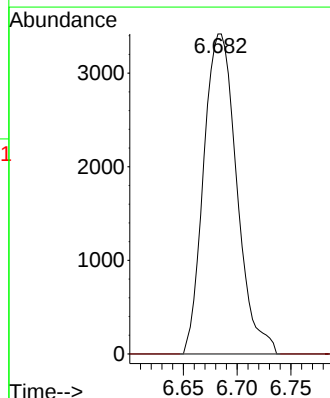
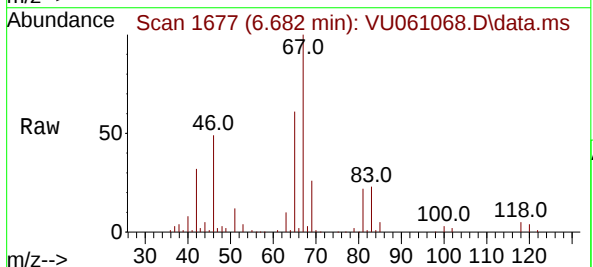
Acq: 02 Oct 2024 12:00

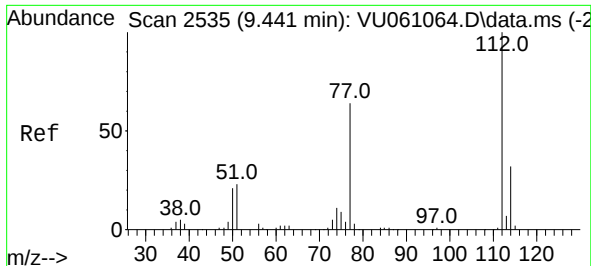
Tgt Ion: 63 Resp: 7320

Ion Ratio Lower Upper

63 100

112 0.0 2.0 3.0#





#51

Chlorobenzene

Concen: 2.933 ug/L

RT: 9.441 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU061068.D

Acq: 02 Oct 2024 12:00

Instrument :

MSVOA_U

ClientSampleId :

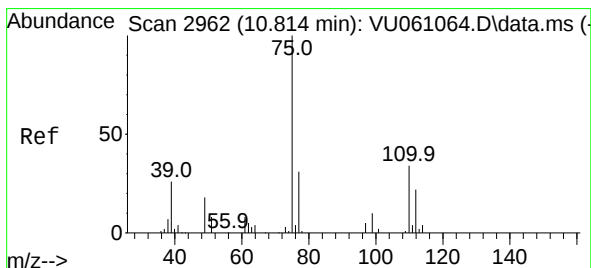
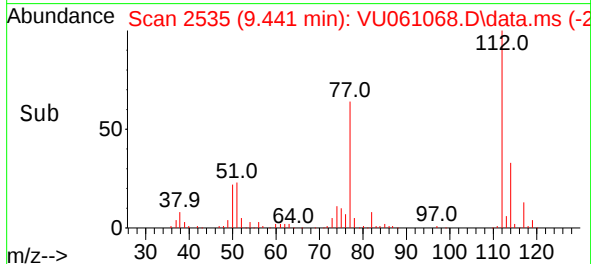
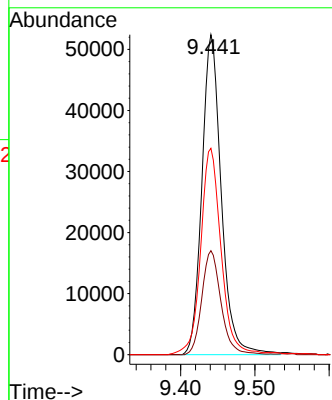
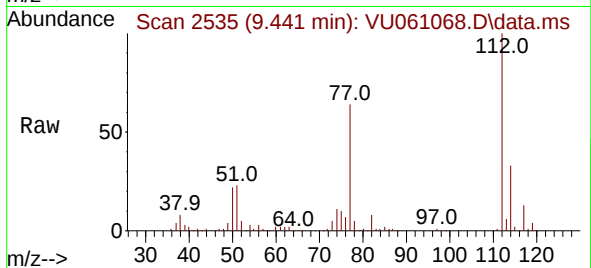
Tgt Ion:112 Resp: 95307

Ion Ratio Lower Upper

112 100

114 32.5 22.2 41.2

77 64.5 46.1 69.1



#61

1,2,3-Trichloropropane

Concen: 2.366 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.926 min

Lab File: VU061068.D

Acq: 02 Oct 2024 12:00

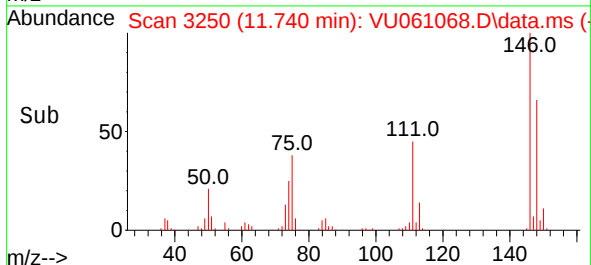
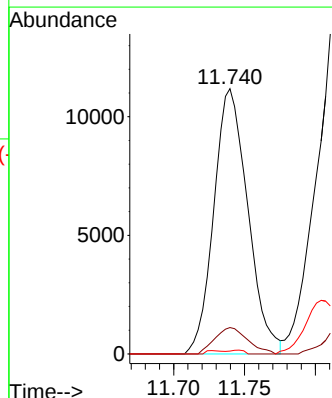
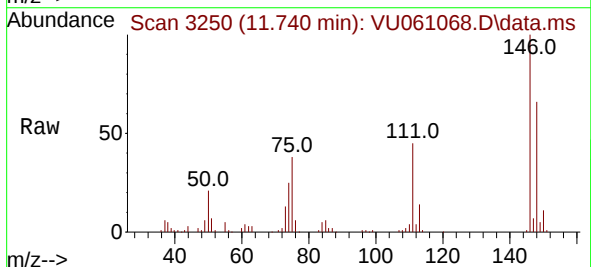
Tgt Ion: 75 Resp: 18672

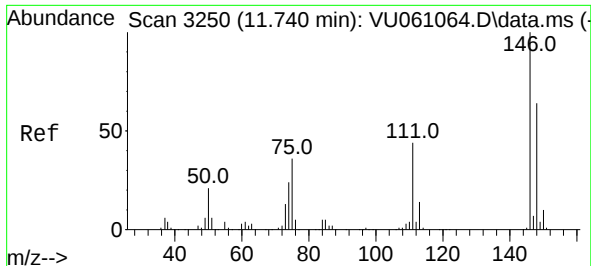
Ion Ratio Lower Upper

75 100

110 9.6 28.6 43.0#

77 0.0 26.3 39.5#





#64

1,3-Dichlorobenzene

Concen: 2.159 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

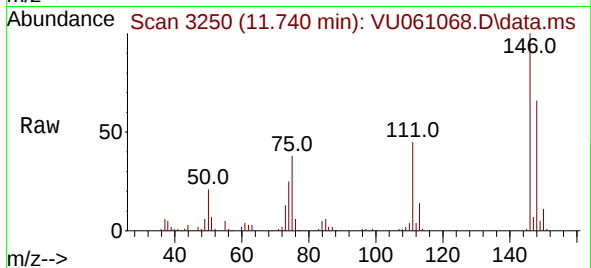
Lab File: VU061068.D

Acq: 02 Oct 2024 12:00

Instrument :

MSVOA_U

ClientSampleId :



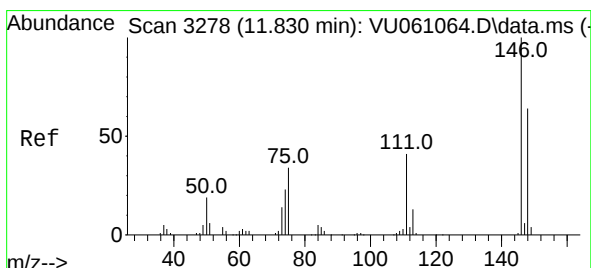
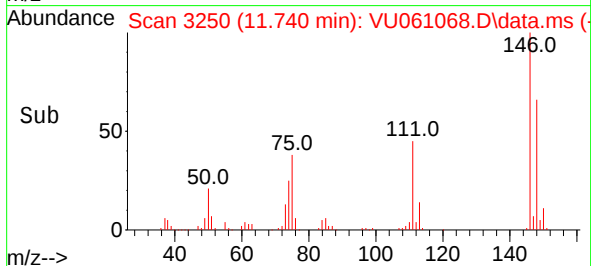
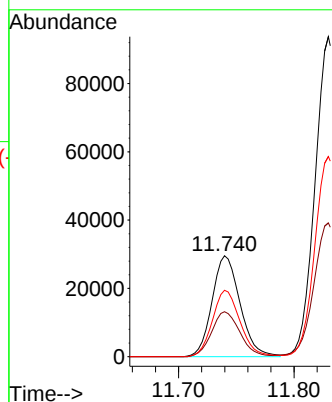
Tgt Ion:146 Resp: 49737

Ion Ratio Lower Upper

146 100

111 44.6 27.5 51.1

148 65.9 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 6.758 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061068.D

Acq: 02 Oct 2024 12:00

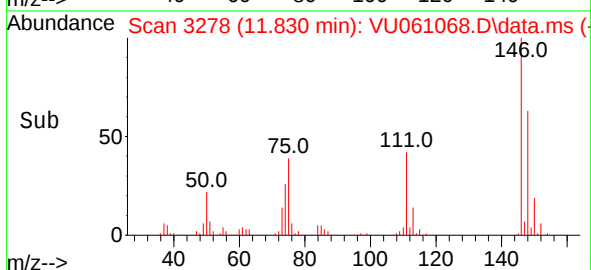
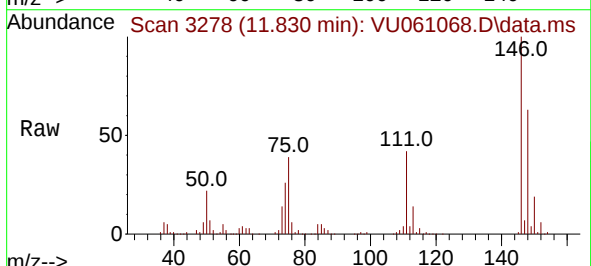
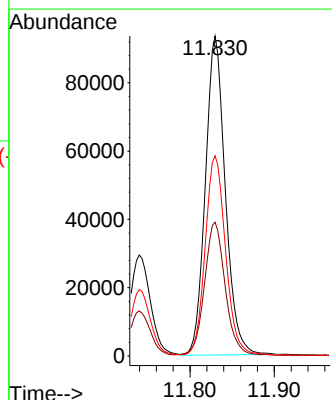
Tgt Ion:146 Resp: 153869

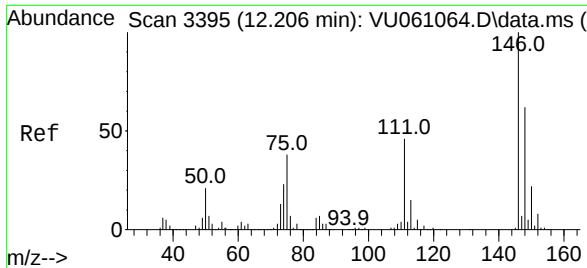
Ion Ratio Lower Upper

146 100

111 41.8 26.3 48.9

148 62.6 45.3 84.1





#67
 1,2-Dichlorobenzene
 Concen: 0.249 ug/L
 RT: 12.206 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VU061068.D
 Acq: 02 Oct 2024 12:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 5299
 Ion Ratio Lower Upper
 146 100
 111 55.2 33.4 50.0#
 148 68.1 50.9 76.3

